Volume 6

Number HIP		Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag			Position: epoch J1991.25 α (ICRS) deg	δ deg		Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ	Standard Errors α* mas	δ	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ	Astrometric Correlations (%) δ/α*	π/α*	π/δ	$\mu_{\alpha*}$/α*	$\mu_{\alpha*}$/δ	$\mu_{\alpha*}$/π	μ_δ/α*	μ_δ/δ	μ_δ/π	μ_δ/$\mu_{\alpha*}$	Soln F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
*18601	H	03 58 46.73	+02 30 28.2	8.99		H	59.694 719 68	+02.507 830 68	A	7.01	−3.47	10.52	1.92	1.29	2.10	2.34	2.24	+36	+39	+8	−14	−10	−6	−24	−15	−43	+48	2	−0.47
18602		03 58 49.83	+57 27 03.5	6.96		H	59.707 606 13	+57.450 976 54		7.49	31.72	−35.41	0.61	0.59	0.83	0.71	0.75	−10	+20	−18	+13	+0	+13	+2	+13	+0	+1	2	0.52
18603		03 58 50.35	+51 29 48.0	10.90		H	59.709 795 90	+51.496 660 16	B	−0.02	1.20	−5.41	61.44	50.56	2.29	2.30	2.10	−1	+0	+1	−6	−3	+9	−7	−6	−7	−12	1	1.80
18604		03 58 51.30	+51 29 56.5	7.70		G	59.713 734 44	+51.499 028 68	A	−0.02	1.20	−5.41	2.45	1.89	2.29	2.30	2.10	−9	+25	−9	+12	−9	+9	−12	+21	−7	−12	1	1.80
18605		03 58 52.31	−65 52 53.1	7.64	2	H	59.717 946 93	−65.881 427 37		3.03	−8.02	−2.16	0.57	0.56	0.60	0.60	0.67	−15	+6	−8	−17	−2	+10	+0	+4	+6	−17	1	1.25
18606		03 58 52.42	−05 28 10.3	5.85		H	59.718 421 88	−05.469 523 76		22.88	−46.75	−174.03	0.63	0.51	0.75	0.76	0.73	+24	+40	−1	+18	+1	+4	+1	+12	+1	+29	0	1.22
18607		03 58 53.85	−51 05 26.6	8.02		H	59.724 374 25	−51.090 719 61		3.20	15.58	−2.55	0.55	0.54	0.62	0.67	0.68	−4	+11	+2	−1	−1	+12	−1	+0	−1	−23	0	−0.01
18608		03 58 55.08	+65 06 09.0	9.53		H	59.729 516 01	+65.102 493 32		16.25	132.28	−261.79	0.83	1.02	1.51	1.09	1.35	−3	+8	−9	+3	−13	+18	−13	+22	−29	−5	0	1.18
18609		03 58 55.43	+16 54 13.7	8.89		H	59.730 953 33	+16.903 796 56		17.31	78.71	−144.74	1.45	0.79	1.53	1.46	1.05	+0	+59	−4	+9	−6	−1	−18	+20	−30	+2	0	−0.25
18610		03 58 55.48	+32 45 23.4	8.43		H	59.731 151 03	+32.756 497 92		4.54	5.79	−11.39	1.07	0.67	1.38	1.47	1.09	+15	+13	−35	−20	−9	+14	−14	+20	−10	+35	0	1.26
18611	H	03 58 56.05	−35 46 42.8	8.12		H	59.733 542 50	−35.778 567 95	A	2.08	21.43	0.16	2.06	1.79	1.36	1.03	1.18	+19	−7	+17	−8	+17	+4	+11	−11	−4	+12	1	0.82
18612		03 58 56.10	+00 45 04.9	9.15		H	59.733 755 14	+00.751 365 32		9.79	135.09	−89.81	1.00	0.73	1.17	1.32	1.13	+37	+24	+21	+28	+10	−18	+14	+28	+7	+22	0	0.59
18613		03 58 57.77	+49 12 49.4	10.92		G	59.740 707 86	+49.213 710 89		17.69	130.85	−179.91	1.66	1.33	2.05	1.98	1.94	−6	+10	−32	+6	+17	+0	+16	+34	−21	+8	0	0.25
18614		03 58 57.90	+35 47 27.7	3.98	1	H	59.741 248 92	+35.791 027 01		1.84	1.92	2.30	0.62	0.48	0.70	0.74	0.62	+30	+21	−5	+22	+11	+1	+8	+48	−12	+33	2	1.32
18615		03 58 58.15	−38 17 49.4	9.26		H	59.742 284 04	−38.297 049 25		2.88	−3.38	−38.09	0.81	0.98	1.17	0.94	1.26	+4	+3	−1	−13	+5	−12	+1	+8	−11	+27	1	−1.40
18616		03 58 58.77	−11 26 05.4	8.53		H	59.744 869 92	−11.434 846 35		11.11	−4.12	−16.27	1.04	1.02	1.43	1.57	1.75	+22	+28	−27	+9	+33	−7	+24	+49	−33	+25	0	0.43
18617	H	03 59 00.08	−00 56 11.9	9.97		G	59.750 346 07	−00.936 638 51	A	10.38	80.09	1.75	2.47	1.81	2.61	3.23	3.04	+38	+28	+4	+1	+24	−7	+26	+24	−10	+34	1	0.20
18618	H	03 59 00.26	+09 46 54.5	8.19		H	59.751 090 97	+09.781 798 16	A	12.85	95.92	−45.88	2.90	2.07	1.55	1.81	1.29	−18	+11	+5	+2	−8	−14	−11	+4	−29	−11	0	0.14
18619		03 59 02.25	−42 16 59.1	8.11		H	59.759 389 50	−42.283 082 07		6.38	7.79	21.78	0.60	0.67	0.76	0.68	0.76	−9	+14	+13	+11	−18	−11	−18	+5	−7	−5	1	−0.81
18620		03 59 03.44	+23 37 41.1	7.36		H	59.764 341 71	+23.628 094 97		7.56	−6.37	0.75	1.01	0.52	1.09	1.14	1.03	+29	+44	+20	+6	+18	+1	+24	+44	+11	+27	0	0.87
18621		03 59 05.45	+27 11 50.9	7.44		H	59.772 705 85	+27.197 483 16		4.95	4.91	−12.63	0.83	0.42	0.99	0.77	0.68	+5	+55	−12	−12	+19	−26	−6	+35	−30	+37	0	2.25
18622		03 59 05.75	−27 25 38.0	9.30		H	59.773 946 52	−27.427 215 44		2.30	18.43	11.09	0.95	1.26	1.76	1.02	1.62	−19	+6	−7	−2	−14	+2	−15	+9	+10	−21	0	
18623		03 59 05.98	+25 17 33.5	12.26		H	59.774 916 60	+25.292 650 62		15.91	187.42	−175.72	4.15	2.01	4.87	4.94	4.85	+12	+26	+10	+2	+24	−20	+3	+46	−25	+52	4	−0.02
18624		03 59 08.41	−48 54 53.0	7.88		H	59.785 031 57	−48.914 729 39		3.47	9.23	−11.86	0.56	0.59	0.66	0.60	0.67	−2	−12	+10	−23	−3	+4	−11	+9	+4	+19	0	−0.47
18625		03 59 09.43	+22 59 18.3	8.70		H	59.789 303 36	+22.988 427 45		15.01	−15.95	−79.55	1.27	0.70	1.47	1.80	1.86	+35	+38	+11	+21	+37	+1	+25	+54	+22	+69	0	0.61
18626		03 59 12.75	+15 48 52.5	8.90		H	59.803 133 05	+15.814 581 79		2.19	−15.41	−18.21	1.24	0.57	1.33	1.67	1.13	+18	+20	+13	+5	−10	−2	−12	+22	−23	−9	0	−0.63
18627		03 59 12.98	+32 42 46.3	9.89		G	59.804 068 12	+32.712 861 29		4.56	12.12	−17.06	1.96	1.13	2.64	2.50	1.77	+8	+24	−39	−18	−18	+20	−21	+22	−18	+23	0	−0.54
18628		03 59 13.00	+37 57 54.2	11.76		G	59.804 153 98	+37.965 056 99		9.03	−40.07	−184.49	2.48	1.79	3.05	3.23	2.41	+20	+14	−28	+18	+0	+0	−1	+22	−3	+23	0	1.36
18629		03 59 14.02	+25 12 57.4	8.29		H	59.808 399 68	+25.215 952 40		0.06	−1.08	−5.43	1.16	0.60	1.33	1.30	1.19	+18	+29	+24	−8	+20	+10	+9	+31	−10	+34	0	0.17
18630		03 59 14.26	+26 14 20.9	11.16		H	59.809 406 61	+26.239 142 89		2.95	1.46	−18.33	2.23	1.06	2.77	3.08	2.39	+9	+24	−8	−12	+12	−28	−9	+36	−36	+41	0	0.97
18631		03 59 15.37	−07 38 25.6	9.31		H	59.814 046 84	−07.640 451 04		4.64	45.90	5.45	1.34	1.00	1.61	1.58	1.33	+5	+47	+0	+0	+5	+11	−2	+1	−14	−3	5	−0.69
18632		03 59 17.72	+57 59 13.8	8.65		H	59.823 832 47	+57.987 177 51		5.02	−83.43	−24.94	0.82	0.89	1.17	1.09	1.18	+9	+13	−10	+0	−5	+13	+4	+33	−17	−23	2	−1.57
18633		03 59 18.84	−41 53 54.7	8.05		G	59.828 479 71	−41.898 538 35		7.02	−3.22	−63.57	0.61	0.65	0.78	0.76	0.78	−10	+12	+8	+15	−14	−19	−14	+19	−9	−9	0	−1.12
18634		03 59 19.71	+13 58 30.7	6.77		H	59.832 138 05	+13.975 190 23		7.51	−9.77	−59.60	0.84	0.48	0.93	0.95	0.83	+29	+27	+3	+5	+14	+0	+12	+31	−23	+22	0	0.33
18635		03 59 20.27	−43 55 02.8	6.83		G	59.834 445 61	−43.917 450 17		6.45	22.19	−9.39	0.49	0.53	0.63	0.57	0.59	−4	+7	−17	+6	−19	+27	−15	+7	+1	+1	1	0.50
18636		03 59 20.89	+43 21 39.5	8.46		H	59.837 039 69	+43.360 983 05		4.73	14.00	−31.24	0.94	0.65	1.12	1.00	0.90	−6	+35	−21	+10	+1	+2	−7	+33	−11	+16	0	2.69
18637		03 59 21.19	+48 45 43.5	7.48		H	59.838 311 87	+48.762 087 04		3.69	−5.55	−0.19	0.80	0.66	1.06	0.94	0.97	+4	+23	−28	+19	+14	−3	+5	+41	−33	+19	0	−0.17
18638		03 59 21.48	−46 45 23.3	8.88		H	59.839 481 18	−46.756 480 60		3.22	7.31	−6.68	0.70	0.82	0.89	0.89	1.06	−7	+2	−15	−10	−10	+21	−6	+6	+6	−9	0	0.01
18639		03 59 21.74	−15 08 21.4	8.40		H	59.840 583 32	−15.139 280 87		7.59	18.64	−8.52	1.04	0.79	1.18	1.01	1.00	+14	+40	−9	+16	+2	−2	−7	+4	−24	+24	0	−1.37
18640		03 59 24.61	+44 28 54.5	7.92		H	59.852 522 00	+44.481 791 85		7.54	22.12	−31.51	0.76	0.61	0.95	0.86	0.88	+19	+22	−20	+1	+3	+12	−1	+15	+1	+51	0	1.08
18641		03 59 25.31	−20 19 58.1	7.26		H	59.855 477 56	−20.332 818 31		4.49	−0.76	−29.67	0.67	0.65	0.93	0.71	0.77	−23	+27	−31	−18	+40	−18	+36	+12	−3	−6	5	0.58
18642		03 59 25.41	−00 24 27.9	8.93		G	59.855 865 42	−00.407 744 70		7.96	−11.33	−70.35	1.12	0.91	1.32	1.61	1.58	+65	+16	+3	+32	+36	−33	+35	+40	−26	+62	0	0.41
18643		03 59 25.87	+18 39 46.0	10.96		H	59.857 808 11	+18.662 768 19		8.64	32.12	−29.05	1.99	0.99	2.20	2.67	2.09	+14	+22	−12	+2	+9	−16	+0	+30	−25	+26	0	1.18
18644	H	03 59 27.04	−28 46 26.3	9.06		H	59.862 647 54	−28.773 984 40	B	3.77	30.64	30.04	3.39	4.34	3.50	1.43	2.57	−50	+3	−9	−3	−11	+27	−12	+2	−10	+7	1	0.70
18645		03 59 27.58	+03 47 02.1	8.23		H	59.864 930 17	+03.783 922 27		4.09	24.64	−5.22	1.07	0.76	1.23	1.29	1.13	+21	+30	−15	+18	−4	+7	−9	+6	−18	+31	0	0.96
18646		03 59 27.65	+36 19 06.6	7.99		H	59.865 191 35	+36.318 503 81		4.79	−19.09	−9.53	0.87	0.60	1.08	1.00	0.85	+28	+28	−4	+3	+0	+12	−7	+28	−23	+26	0	1.86
18647		03 59 30.13	−12 34 27.6	5.61	1	H	59.875 552 44	−12.574 332 14		3.66	−1.40	−38.11	0.75	0.60	0.90	0.88	0.80	+11	+37	−27	+21	−9	+12	−11	−3	−16	+27	3	0.18
18648		03 59 30.44	−46 09 00.1	9.24		H	59.876 838 67	−46.150 019 25		7.06	94.05	13.74	0.80	0.86	0.98	1.01	1.25	−19	−18	−13	+10	−22	+11	−27	+5	+23	−47	0	−0.31
18649		03 59 30.76	−75 39 38.7	9.17		H	59.878 164 50	−75.660 757 28		0.87	8.07	9.77	0.77	0.86	0.89	0.91	1.16	−8	+2	−23	−24	−3	+11	+1	+6	+3	−14	0	1.66
18650		03 59 33.14	+04 36 24.0	7.97		H	59.888 085 68	+04.606 678 91		6.91	4.11	13.47	0.97	0.58	1.00	1.20	0.89	+2	+30	−6	+12	−10	+17	−11	+6	+0	+1	0	0.84
18651		03 59 33.45	+79 55 29.3	10.00		H	59.889 392 31	+79.924 799 08		4.05	22.72	−148.93	0.79	0.94	1.13	0.86	1.19	−12	+17	+11	+0	+8	+2	+12	+3	+19	−15	0	−0.02
18652		03 59 33.84	+40 00 56.7	8.82		H	59.890 981 31	+40.015 760 64		3.78	7.27	−23.88	1.05	0.69	1.27	1.32	0.88	+11	+10	−29	−5	−18	+13	−16	+6	+9	+25	0	0.83
18653		03 59 34.44	+52 18 45.4	9.48		H	59.893 520 13	+52.312 621 27		−0.61	−3.71	−1.88	1.35	0.97	1.41	1.67	1.32	−38	+30	−3	+49	−44	+5	−43	+52	−4	−51	0	0.79
18654		03 59 36.56	−29 20 19.6	9.23		H	59.902 328 78	−29.338 772 76		8.24	21.43	−22.98	0.71	0.95	1.31	0.71	1.09	−8	+1	+1	−6	−19	+20	−23	−2	−1	+2	0	−0.61
18655	H	03 59 36.87	−10 19 22.5	8.23		H	59.903 616 35	−10.322 923 04	A	8.16	37.67	22.85	2.83	2.23	2.36	2.70	2.33	+6	+4	−25	−1	+16	−9	+13	+16	−36	+8	0	0.87
18656		03 59 37.43	−56 28 22.5	6.82	1	H	59.905 945 90	−56.472 928 44		6.52	29.92	43.99	0.48	0.54	0.55	0.58	0.69	−16	+9	−11	+5	+2	−11	+1	−2	+4	−13	0	2.23
18657	H	03 59 39.98	+38 49 13.4	6.51		G	59.916 592 91	+38.820 388 84	A	2.97	−11.68	−3.44	1.20	0.85	1.29	1.23	1.06	−20	+15	−12	+2	+0	+17	+6	+5	+7	+14	2	0.03
18658		03 59 40.41	+10 19 49.5	6.35		H	59.918 394 35	+10.330 410 83		25.42	133.06	−3.50	1.48	0.85	1.05	3.44	1.52	−23	+28	−15	+75	−48	−3	−64	+37	−33	−58	5	−1.75
18659		03 59 40.65	−58 40 29.4	9.42	2	H	59.919 395 32	−58.674 840 19		3.43	−12.37	−28.19	0.86	0.91	0.99	0.92	1.06	−9	+26	−32	−13	+15	−9	+19	−19	+18	+18	0	0.57
18660		03 59 41.57	+01 47 41.4	7.27		G	59.923 204 73	+01.794 820 40		3.15	12.42	−2.80	0.88	0.63	0.94	1.15	0.96	+22	+30	+12	+27	+17	+12	+12	+35	−21	−5	0	−1.54
18661		03 59 41.93	−43 11 31.8	8.94		H	59.924 691 32	−43.192 178 98		2.36	32.08	2.71	0.75	0.81	0.95	0.79	0.83	−5	+15	−1	−18	−2	+0	−1	−13	+7	−10	3	2.42
18662		03 59 44.66	+48 09 04.6	7.73	3	H	59.936 097 81	+48.151 284 93		2.99	16.77	−14.95	0.90	0.70	1.08	1.21	1.04	−11	+23	−26	+33	−11	+0	−14	+40	−13	−16	0	−0.32
18663		03 59 44.93	+48 08 25.6	9.30		G	59.937 189 56	+48.140 441 09		0.34	18.19	−15.82	1.38	1.09	1.79	1.82	1.61	−23	+29	−32	+17	−14	+2	−18	+37	−21	−28	4	−1.51
18664		03 59 45.23	+41 51 22.1	8.53		H	59.938 460 93	+41.856 130 51		11.78	106.95	−122.04	1.06	0.66	1.44	1.36	1.00	+4	−3	−2	−16	+9	+47	+11	+11	−32	−3	0	1.26
18665		03 59 46.52	−17 54 44.2	7.49		H	59.943 816 48	−17.912 272 20		1.38	12.61	15.27	0.72	0.73	0.92	0.80	0.90	+6	+17	−20	+22	+26	+6	+27	+47	−16	+5	0	0.60
18666		03 59 48.10	−00 01 12.5	9.84		G	59.950 401 71	−00.020 128 87		7.51	−11.44	−16.19	1.30	1.04	1.51	1.80	1.88	+58	+26	+8	+32	+23	−19	+20	+28	−10	+65	0	0.70
18667		03 59 50.49	−04 31 19.8	8.59		G	59.960 365 85	−04.522 158 78		5.79	−7.66	2.85	0.88	0.83	1.17	1.50	1.72	+33	+5	−31	+20	+13	+1	+10	+20	+8	+62	0	−0.03
18668	H	03 59 50.73	+50 53 37.0	9.99		H	59.961 380 71	+50.893 624 95	A	5.27	−18.42	−25.65	4.54	2.82	4.85	4.29	3.49	−31	+49	−29	−9	−8	+12	−12	+5	−17	−29	0	0.62
18669	H	03 59 52.53	+44 53 59.3	8.97		G	59.968 870 08	+44.899 802 66	A	4.40	−1.57	−5.78	1.68	1.21	1.79	1.87	1.59	+8	+4	−30	−1	−3	+19	−3	+23	+0	+19	1	0.23
18670	H	03 59 53.20	+32 03 50.6	9.37		G	59.971 658 36	+32.064 054 85	*	0.63	−2.10	−2.79	4.68	2.15	1.71	2.04	1.80	+19	+17	+2	−14	+9	+17	−14	+30	+8	+62	1	−0.39
18671		03 59 54.16	−54 09 40.5	7.80		H	59.975 648 06	−54.161 246 55		9.63	14.22	34.79	0.59	0.60	0.65	0.70	0.74	−5	+11	−11	+11	−15	+13	−15	−4	−3	−6	0	0.17
18672		03 59 55.03	+70 27 00.8	8.34		H	59.979 281 73	+70.450 213 77		2.10	−1.43	0.95	0.47	0.64	0.85	0.51	0.74	−21	+17	−3	−2	−4	+12	−4	+10	+3	−18	3	−0.55
18673		03 59 55.48	−24 00 58.5	4.62	1	H	59.981 150 45	−24.016 256 77		9.85	11.41	17.08	0.36	0.45	0.68	0.44	0.58	−3	+3	−4	+19	+13	−3	+13	+20	−3	+4	0	0.85
18674		03 59 55.59	+40 54 19.9	9.24		H	59.981 630 17	+40.905 534 36		2.61	5.46	−15.54	1.11	0.73	1.32	1.31	0.93	+6	+7	−23	−6	−11	+29	−7	+7	+12	+22	0	−0.73
18675		03 59 55.79	+45 41 52.7	8.66		G	59.982 458 76	+45.697 977 62		4.01	18.01	−12.77	0.88	0.71	1.13	1.04	0.97	+11	+28	−32	−6	+0	−12	−15	+30	−22	+35	0	0.74
18676	H	03 59 57.39	+30 25 51.9	9.15		H	59.989 117 39	+30.431 085 95	A	8.91	18.04	19.76	1.87	1.09	2.31	2.03	1.82	+30	+31	−8	+16	+24	+24	+7	+48	−15	+40	0	0.18
18677		03 59 59.33	−61 53 41.2	6.70		H	59.997 195 43	−61.894 785 14		2.32	15.99	−4.71	0.50	0.48	0.53	0.50	0.54	−10	−1	−2	−42	+24	−2	+14	−8	−13	+29	0	0.80
18678		04 00 00.25	−19 14 48.1	7.12		H	60.001 043 88	−19.246 697 18		11.32	34.93	−18.64	0.67	0.68	0.93	0.94	0.80	−14	−3	−27	−38	+56	−23	+53	+9	−9	−26	1	0.24
18679		04 00 01.83	−42 23 24.6	7.20		H	60.007 617 97	−42.390 162 44		3.40	17.79	9.91	0.52	0.59	0.66	0.61	0.67	−1	+8	+3	+14	−7	−4	−7	+15	−6	+2	1	0.31
18680		04 00 02.13	+01 24 05.4	8.25		H	60.008 857 63	+01.401 504 62		0.97	−2.67	10.67	1.20	0.77	1.21	1.83	1.31	+16	+27	+9	−8	+26	+17	+32	+26	−13	−16	0	−0.84
18681		04 00 02.17	−27 15 56.6	9.24		H	60.009 056 26	−27.265 722 68		4.11	12.09	20.31	0.71	1.02	1.41	0.77	1.34	−24	+13	−7	+2	−9	−2	−10	+26	+6	−20	0	0.39
18682		04 00 02.50	−35 38 16.7	9.01		H	60.010 419 60	−35.637 967 18		2.56	11.72	16.71	0.71	0.78	0.97	0.76	0.90	−17	+0	+1	−12	+10	+6	+11	−3	−13	−18	1	0.06
18683		04 00 03.57	+13 11 25.3	10.31		H	60.014 858 07	+13.190 364 35		2.98	7.41	−13.71	1.93	0.86	2.00	2.16	1.73	+21	+42	+26	+18	−9	−21	−14	+37	−7	+9	0	1.14
18684		04 00 03.74	+21 22 13.2	9.98		H	60.015 604 02	+21.370 333 22		1.09	−8.51	−11.59	1.58	0.73	1.72	1.72	1.34	+4	+45	+0	+13	−1	−14	−18	+31	−29	+19	0	−1.56
18685		04 00 07.10	−50 12 22.5	8.82		H	60.029 566 83	−50.206 252 06		1.40	9.81	11.90	0.69	0.71	0.79	0.76	0.79	+0	−6	+5	−9	+14	+7	+13	+5	−2	+8	0	−1.07
18686		04 00 07.69	−12 25 22.3	7.83		H	60.032 023 51	−12.422 859 70		3.34	−14.14	−0.22	0.90	0.77	1.24	1.15	1.04	+3	+39	−30	+14	−5	+19	−8	−12	−21	+11	0	0.40
18687		04 00 08.73	+29 42 39.1	7.81	1	H	60.036 379 66	+29.710 849 69		−0.18	3.35	−5.68	0.81	0.47	1.04	1.02	0.85	+24	+21	+7	+35	+3	−17	−5	+43	−36	+14	0	0.01
18688		04 00 10.45	+40 00 49.4	6.89		H	60.043 528 61	+40.013 718 03		4.93	−4.47	4.40	0.68	0.50	0.81	0.81	0.64	+28	+12	−30	−9	−16	+15	−15	+4	+10	+49	0	−0.65
18689	H	04 00 13.67	−62 54 08.3	8.09		H	60.056 941 17	−62.902 299 49	A	7.39	36.33	79.14	0.89	0.90	0.89	0.78	0.91	+9	+15	−8	−28	+17	−7	+9	+11	−18	+31	1	0.11
18690		04 00 14.44	−28 41 15.3	10.79		G	60.060 176 62	−28.687 595 23		7.78	111.15	−174.59	1.24	1.48	2.13	1.36	1.93	−18	+17	−6	−8	−17	+7	−16	−6	−7	+7	7	1.21
18691		04 00 15.53	−51 33 53.9	6.51	2	H	60.064 692 77	−51.564 981 43		2.74	4.74	9.66	0.49	0.46	0.53	0.56	0.56	−11	+6	−3	+7	+5	−2	+5	−4	+2	−13	0	0.45
18692		04 00 16.62	+14 18 21.4	8.28		H	60.069 256 76	+14.305 949 93		10.93	54.46	−18.63	1.05	0.53	1.19	1.12	1.01	+32	+32	+14	+2	+13	+2	+5	+28	−27	+27	0	0.11
18693		04 00 17.67	−23 10 13.9	8.48		H	60.073 627 61	−23.170 530 99		5.71	13.76	12.04	0.58	0.80	1.12	0.72	1.13	+17	−4	−7	+21	+30	−3	+33	+15	−14	+18	1	2.33
18694		04 00 18.58	−06 23 03.5	8.39	2	H	60.077 397 91	−06.384 296 15		2.16	15.41	13.90	1.03	0.67	1.25	1.29	0.97	+24	+55	+21	−8	+8	+4	−4	−7	−21	−14	0	0.90
18695		04 00 18.98	−31 26 43.6	8.58	2	H	60.079 063 07	−31.445 448 57		2.43	33.79	−46.29	0.62	0.77	1.04	0.69	0.91	−18	+7	−6	+0	−4	+13	−4	−1	−6	+2	0	2.07
18696		04 00 19.26	+23 32 03.5	10.45		H	60.080 258 82	+23.534 302 49		3.80	−0.91	−7.81	2.04	1.09	2.15	3.12	2.69	+23	+13	+1	−14	+28	+15	+23	+45	+11	+45	0	1.12
18697		04 00 20.45	+47 34 18.3	8.35		H	60.085 215 63	+47.571 737 03		3.34	22.01	−21.23	0.97	0.72	1.12	1.28	1.04	−7	+20	−6	+37	−15	+1	−15	+43	+4	−5	0	0.54
18698		04 00 21.23	+46 48 32.2	9.27		H	60.088 465 80	+46.808 942 51		4.24	−7.64	−1.74	0.97	0.74	1.25	1.06	1.05	+7	+21	−22	+2	+8	−12	−6	+27	−33	+38	0	−1.09
18699		04 00 22.19	−66 10 43.6	8.26		H	60.092 460 38	−66.178 766 15		2.25	2.18	9.14	0.59	0.66	0.65	0.66	0.81	−10	+8	−8	−7	+2	+9	+6	+18	+0	−21	0	0.39
18700		04 00 22.40	+10 47 16.9	9.33		H	60.093 329 61	+10.788 017 28		16.97	−15.67	−169.81	1.53	0.76	1.66	1.78	1.24	+15	+32	+1	+22	−8	−28	−22	+24	−26	+2	0	−0.94

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
18601	10.294	0.039	9.167	0.024	A	0.711	0.126	G	0.77	0.10	R *	9.1292	0.0030	0.017	58	*	9.11	9.16		D	03588+0230	M 1	2 C A	AB	208	1.983	0.012	2.23	0.06	S
18602	7.076	0.006	6.970	0.007		0.103	0.009	T	0.12	0.01	L	7.0027	0.0013	0.008	67		6.99	7.02		C			1							S
18603	11.886	0.179	11.079	0.128	B	0.730	0.169	T	0.78	0.12	L	11.0315	0.2384			B				D	03589+5130	I 2	1 C F D							D
18604	9.793	0.021	7.906	0.009	A	1.578	0.007	G	1.83	0.03	C	7.8160	0.0125	0.015	89	A	7.79	7.84		D	03589+5130	I 2	1 C P D							D
18605	9.678	0.019	7.856	0.008		1.547	0.017	T	2.23	0.04	O	7.6999	0.0023	0.017	115		7.67	7.74		U 2			1							S
18606	7.116	0.005	5.948	0.005		1.001	0.001	G	0.93	0.04	E	5.9978	0.0009	0.007	70		5.99	6.01		C			1							S
18607	9.203	0.013	8.109	0.009		0.945	0.012	T	0.94	0.01	L	8.1805	0.0014	0.015	119		8.15	8.20					1							S
18608	10.477	0.031	9.555	0.023		0.802	0.030	T	0.83	0.02	L	9.6766	0.0028	0.028	131		9.63	9.73		C			1							G
18609	9.864	0.018	8.985	0.014		0.784	0.017	T	0.82	0.01	L	9.0353	0.0011	0.012	119		9.01	9.06					1 G							
18610	8.670	0.013	8.455	0.014		0.205	0.018	T	0.23	0.02	L	8.4904	0.0015	0.014	85		8.47	8.51		C			1							
18611	9.701	0.017	8.262	0.009	*	1.214	0.015	T	1.17	0.01	L *	8.2893	0.0012	0.017	146	*	8.25	8.31			03589−3547	H 1	2 C B	AB	68	0.394	0.039	3.22	0.18	S
18612	9.935	0.021	9.234	0.018		0.646	0.023	T	0.71	0.02	L	9.2869	0.0013	0.016	106		9.26	9.31					1							
18613	12.192	0.228	10.949	0.114		0.975	0.010	G	1.02	0.01	I	11.0718	0.0036	0.031	83		11.00	11.13		C			1							G
18614	4.016	0.003	4.040	0.002		0.016	0.029	G	0.16	0.04	D	4.0307	0.0009	0.007	98		4.02	4.04		M			1							S
18615	10.816	0.039	9.435	0.020		1.169	0.034	T	1.13	0.03	L	9.4250	0.0032	0.027	132		9.38	9.49					1 S							
18616	9.121	0.021	8.575	0.020		0.512	0.026	T	0.58	0.03	L	8.6422	0.0020	0.014	52		8.61	8.66			03590−1126	I 1	1							S
18617	10.739	0.053	10.166	0.051	A	0.581	0.015	G	0.65	0.01	H *	10.0861	0.0038	0.027	79	*	10.04	10.13		C	03590−0056	M 1	2 C B	AC	101	4.272	0.056	2.78	0.13	
18618	8.945	0.014	8.284	0.013	*	0.613	0.016	T	0.68	0.01	L *	8.3221	0.0020	0.013	82	*	8.30	8.34		D	03590+0947	I 1	2 C A	AB	309	0.317	0.004	0.51	0.04	S
18619	8.564	0.009	8.164	0.009		0.391	0.011	T	0.46	0.01	L	8.2022	0.0012	0.013	128		8.19	8.23					1							S
18620	8.738	0.010	7.487	0.006		1.067	0.009	T	1.03	0.01	L	7.5320	0.0009	0.009	105		7.52	7.54		C			1							S
18621	7.624	0.005	7.479	0.007		0.140	0.008	T	0.15	0.01	L	7.4897	0.0007	0.007	120		7.48	7.50		C			1							S
18622	10.760	0.029	9.395	0.015		1.156	0.026	T	1.12	0.02	L	9.4637	0.0021	0.024	196		9.42	9.53					1 X							
18623						2.900	0.495	G	2.94	0.52	R	12.1807	0.0079	0.066	98		12.04	12.30					1							D
18624	7.930	0.008	7.880	0.008		0.051	0.010	T	0.06	0.01	L	7.9042	0.0010	0.012	121		7.88	7.92					1							S
18625	9.374	0.015	8.778	0.014		0.556	0.018	T	0.63	0.02	L	8.8193	0.0014	0.013	99		8.80	8.84		C			1							
18626	11.191	0.047	9.092	0.014		1.776	0.040	T	2.09	0.09	O	8.9766	0.0021	0.019	122		8.95	9.00		C			1							
18627	10.522	0.040	10.000	0.038		0.511	0.003	G	0.58	0.00	H	10.0199	0.0036	0.028	83		9.97	10.07		C			1							G
18628						1.108	0.013	G	1.19	0.02	I	11.9165	0.0069	0.054	86		11.81	12.02					1							G
18629	10.170	0.023	8.434	0.010		1.448	0.020	T	1.45	0.03	L	8.4234	0.0013	0.012	103		8.40	8.45		C			1							
18630											T	11.3214	0.0025	0.031	113		11.26	11.39					1							G
18631	10.267	0.035	9.386	0.026		0.786	0.033	T	0.82	0.02	L	9.4735	0.0028	0.027	71		9.44	9.53					1 S							
18632	10.111	0.038	8.790	0.022		1.122	0.034	T	1.08	0.04	L	8.8152	0.0018	0.017	72		8.78	8.84					1							
18633	8.575	0.010	8.106	0.009		0.475	0.015	G	0.55	0.02	H	8.1518	0.0015	0.014	117		8.13	8.18					1							S
18634	8.307	0.010	6.914	0.006		1.178	0.009	T	1.14	0.01	L	6.9360	0.0010	0.009	111		6.92	6.95		C			1							S
18635	8.232	0.009	6.954	0.005		1.073	0.053	G	1.08	0.00	A	6.9946	0.0012	0.010	121		6.98	7.02		C			1							S
18636	9.841	0.027	8.609	0.017		1.052	0.025	T	1.02	0.02	L	8.6300	0.0014	0.010	87		8.61	8.65		C			1							
18637	9.052	0.015	7.622	0.009		1.207	0.014	T	1.17	0.01	L	7.6459	0.0014	0.012	82		7.62	7.66					1							
18638	10.033	0.024	8.964	0.016		0.926	0.022	T	0.92	0.02	L	9.0352	0.0021	0.017	113		9.00	9.07		C			1							
18639	8.952	0.015	8.457	0.014		0.495	0.015	G	0.57	0.02	H	8.5131	0.0019	0.015	71		8.49	8.54		C			1							S
18640	8.104	0.010	7.940	0.013		0.157	0.015	T	0.17	0.01	L	7.9744	0.0018	0.013	89		7.94	8.00					1							S
18641	8.828	0.012	7.377	0.007		1.200	0.015	G	1.12	0.03	C	7.4289	0.0011	0.013	112		7.41	7.45					1							S
18642	9.546	0.021	8.966	0.019		0.529	0.015	G	0.60	0.02	H	9.0467	0.0019	0.017	93		9.01	9.07		C			1							
18643						0.655	0.107	G	0.72	0.10	R	11.0928	0.0040	0.036	107		11.03	11.15		C			1							G
18644	9.586	0.014	9.130	0.014	*	0.443	0.016	T	0.51	0.02	L *	9.1616	0.0019	0.025	177	*	9.12	9.21		D	03595−2846	I 1	2 C A	BA	24	0.407	0.005	0.19	0.03	S
18645	9.867	0.024	8.361	0.013		1.267	0.021	T	1.23	0.02	L	8.3891	0.0020	0.019	74		8.36	8.42		C			1							
18646	9.299	0.017	8.104	0.011		1.023	0.016	T	1.00	0.01	L	8.1582	0.0017	0.013	94		8.14	8.18		C			1							
18647	7.540	0.009	5.765	0.004		1.479	0.008	T	1.50	0.01	L	5.7362	0.0008	0.010	56		5.72	5.77		M			1							S
18648	10.101	0.025	9.333	0.021		0.684	0.025	T	0.74	0.02	L	9.3766	0.0026	0.019	108		9.34	9.40					1							
18649	10.476	0.031	9.287	0.019		1.018	0.028	T	0.99	0.02	L	9.3386	0.0018	0.019	108		9.31	9.37		C			1							
18650	8.369	0.011	8.019	0.011		0.332	0.015	T	0.39	0.02	L	8.0505	0.0018	0.012	66		8.03	8.08		C			1 S							S
18651	11.061	0.044	10.069	0.031		0.868	0.040	T	0.88	0.03	L	10.1559	0.0019	0.023	137		10.12	10.20		C			1							G
18652	10.857	0.057	8.999	0.021		1.577	0.050	T	1.73	0.15	O	8.9241	0.0027	0.019	89		8.89	8.96		R			1							
18653	9.661	0.022	9.494	0.026		0.170	0.015	G	0.19	0.01	H	9.5426	0.0024	0.021	82		9.51	9.58		C			1							G
18654	9.717	0.015	9.251	0.015		0.452	0.017	T	0.52	0.02	L	9.3322	0.0027	0.028	164		9.28	9.39					1							S
18655	8.967	0.016	8.337	0.014	*	0.586	0.018	T	0.66	0.02	L *	8.3574	0.0022	0.020	72	*	8.32	8.39		D	03596−1019	I 1	2 C A	AB	310	0.424	0.003	0.20	0.02	S
18656	7.124	0.005	6.862	0.005		0.246	0.007	T	0.28	0.01	L	6.8953	0.0008	0.007	111		6.88	6.91		M			1							S
18657	6.668	0.005	6.560	0.006	A	0.113	0.020	G	0.13	0.02	H *	6.5344	0.0010	0.007	97	*	6.52	6.54		D	03597+3849	I 1	2 C A	AB	324	1.377	0.019	2.66	0.04	S
18658	6.841	0.005	6.395	0.005		0.417	0.012	G	0.47	0.03	C	6.4459	0.0007	0.005	84		6.44	6.46		C			1 G							S
18659	10.905	0.045	9.566	0.023		1.136	0.040	T	1.10	0.04	L	9.5919	0.0066	0.049	102		9.53	9.68		U 2			1							
18660	7.400	0.006	7.273	0.010		0.109	0.002	G	0.12	0.00	H	7.3138	0.0011	0.007	65		7.30	7.33		C			1							S
18661	10.342	0.028	9.048	0.016		1.100	0.025	T	1.06	0.03	L	9.1035	0.0025	0.023	117		9.06	9.14					1							
18662	7.778	0.013	7.733	0.012		0.041	0.016	T	0.06	0.01	L	7.7495	0.0026	0.042	79		7.73	8.25	1.74	P 1 A	03597+4809	I 2	1							S P
18663	9.536	0.023	9.298	0.025		0.213	0.020	G	0.24	0.02	H	9.3544	0.0033	0.026	79		9.31	9.41			03597+4809	I 2	1							
18664	9.387	0.018	8.588	0.015		0.724	0.018	T	0.78	0.01	L	8.6763	0.0026	0.015	77		8.65	8.71		C			1							
18665	9.383	0.020	7.629	0.009		1.462	0.017	T	1.47	0.03	L	7.6202	0.0017	0.012	76		7.60	7.65		C			1							S
18666	10.569	0.035	9.934	0.032		0.689	0.015	G	0.75	0.01	H	9.9815	0.0023	0.022	117		9.95	10.02					1							
18667	8.808	0.017	8.581	0.019		0.167	0.002	G	0.18	0.00	H	8.6431	0.0023	0.015	65		8.62	8.67		C			1							S
18668	11.147	0.075	10.139	0.046	A						T *	10.1408	0.0038	0.036	74	*	10.07	10.19		D	03598+5054	I 1	2 C D	AB	354	3.451	0.024	1.79	0.12	G D
18669	9.306	0.018	9.022	0.019	A	0.135	0.141	G	0.27	0.06	L *	9.0350	0.0021	0.017	83	*	9.01	9.06		C	03599+4454	I 1	2 C D	AB	256	1.968	0.137	4.22	0.50	D
18670	9.513	0.019	9.420	0.024	*	0.110	0.015	G	0.12	0.01	H *	9.4284	0.0028	0.019	91	*	9.40	9.46		C	03599+3204	H 1	2 C A	AB	51	0.275	0.042	2.27	0.40	
18671	8.300	0.009	7.851	0.008		0.448	0.010	G	0.52	0.01	H	7.8998	0.0013	0.012	120		7.88	7.93					1							S
18672	10.003	0.016	8.502	0.009		1.263	0.014	T	1.22	0.01	L	8.4985	0.0015	0.017	208		8.47	8.53					1							
18673	4.483	0.002	4.609	0.002		−0.121	0.029	G	−0.07	0.02	A	4.5935	0.0015	0.013	186		4.57	4.61	1.21	P 1 A			1							S P
18674	10.595	0.040	9.371	0.024		1.046	0.036	T	1.02	0.03	L	9.4115	0.0023	0.020	89		9.38	9.48		C			1							
18675	9.207	0.016	8.684	0.015		0.450	0.015	G	0.52	0.02	H	8.7642	0.0017	0.013	87		8.74	8.79		C			1							
18676	9.924	0.021	9.275	0.018	A	0.700	0.495	G	0.63	0.05	L *	9.2735	0.0014	0.015	136	*	9.25	9.31		D	04000+3026	I 1	2 C B	AB	163	2.896	0.023	3.24	0.14	
18677	8.692	0.016	6.870	0.008		1.516	0.002	G	1.55	0.00	H	6.8233	0.0008	0.008	100		6.81	6.84					1							S
18678	7.713	0.006	7.180	0.006		0.508	0.006	T	0.58	0.01	L	7.2348	0.0010	0.010	117		7.22	7.26		C			1 G							S
18679	8.710	0.010	7.318	0.006		1.177	0.009	T	1.14	0.01	L	7.3630	0.0013	0.012	124		7.35	7.39		C			1							S
18680	10.555	0.042	8.441	0.015		1.748	0.036	T	1.77	0.04	L	8.3487	0.0033	0.018	62		8.32	8.37					1							
18681	10.269	0.023	9.292	0.016		0.845	0.022	T	0.86	0.02	L	9.3869	0.0025	0.027	183		9.34	9.44					1							
18682	10.419	0.029	9.123	0.016		1.102	0.026	T	1.06	0.03	L	9.1742	0.0019	0.020	134		9.14	9.21					1							
18683	11.054	0.052	10.435	0.046		0.576	0.061	T	0.65	0.06	L	10.4337	0.0023	0.023	106		10.39	10.46		C			1							G
18684	10.488	0.033	10.028	0.035		0.434	0.044	T	0.50	0.05	L	10.0722	0.0018	0.022	106		10.04	10.12		C			1							G
18685	10.870	0.042	8.997	0.016		1.589	0.037	T	1.82	0.11	O	8.9085	0.0018	0.020	108		8.87	8.94					1							
18686	9.319	0.022	7.936	0.013		1.170	0.020	T	1.13	0.02	L	7.9918	0.0017	0.013	50		7.97	8.03		C			1							S
18687	8.214	0.008	7.856	0.007		0.339	0.010	T	0.40	0.01	L	7.8896	0.0015	0.016	160		7.87	7.92		M			1							S
18688	7.045	0.006	6.905	0.007		0.135	0.009	T	0.15	0.01	L	6.9372	0.0007	0.007	87		6.93	6.95		C			1							S
18689	8.515	0.009	8.151	0.009	*	0.345	0.012	T	0.40	0.02	L *	8.1740	0.0015	0.016	120	*	8.15	8.20		D	04002−6254	I 1	2 C A	AB	357	0.754	0.007	2.19	0.03	S
18690	11.785	0.081	10.789	0.055		0.775	0.009	G	0.82	0.01	H	10.9171	0.0046	0.048	176		10.80	11.01					1 G							G
18691	8.666	0.009	6.701	0.004		1.651	0.016	G	2.14	0.05	F	6.5758	0.0022	0.023	124		6.52	6.61		U 2			1							S P
18692	8.843	0.010	8.319	0.010		0.487	0.011	G	0.56	0.01	H	8.3841	0.0013	0.009	109		8.37	8.41		C			1							S
18693	9.705	0.016	8.579	0.011		0.969	0.015	T	0.95	0.01	L	8.6434	0.0015	0.016	150		8.62	8.69					1							
18694	10.654	0.043	8.627	0.016		1.716	0.038	T	2.52	0.07	O	8.4109	0.0086	0.071	64		8.33	8.52	22.20	P 1 A			1 S							
18695	10.655	0.032	8.780	0.012		1.591	0.028	T	2.06	0.07	O	8.6528	0.0035	0.041	159		8.58	8.72		U 2			1							
18696	12.142	0.158	10.619	0.056		1.500	0.015	G	1.47	0.01	J	10.5840	0.0033	0.024	87		10.54	10.62					1							G
18697	8.618	0.011	8.383	0.012		0.230	0.015	G	0.26	0.02	H	8.4232	0.0019	0.014	85		8.40	8.45		C			1							
18698	9.849	0.023	9.318	0.022		0.498	0.029	T	0.57	0.03	L	9.3735	0.0016	0.016	85		9.34	9.40		C			1							
18699	9.317	0.017	8.350	0.012		0.850	0.015	T	0.86	0.01	L	8.4165	0.0016	0.012	103		8.39	8.44					1							S
18700	9.936	0.024	9.338	0.022		0.558	0.029	T	0.63	0.03	L	9.4502	0.0026	0.016	82		9.43	9.48		C			1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ (13)	Standard Errors α* mas (14)	δ (15)	π mas (16)	μα* mas/yr (17)	μδ (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
18701		04 00 23.28	+56 54 05.8	9.18		H	60.097 009 01	+56.901 604 32		−0.69	−0.03	−2.56	0.97	0.89	1.31	1.06	1.08	−12	+12	−9	−1	−4	+15	−4	+11	−5	−5	0	1.50
18702		04 00 23.79	−38 56 41.4	8.13		G	60.099 135 72	−38.944 832 29		12.44	−38.22	−66.98	0.57	0.62	0.76	0.67	0.78	+10	+2	+2	+1	+1	+1	−1	+11	−4	+26	0	0.58
18703		04 00 24.43	−29 14 05.7	8.95		H	60.101 787 12	−29.234 928 55		8.63	−1.82	43.45	0.69	0.82	1.23	0.68	0.94	−8	+11	+8	−9	−14	+7	−19	+3	−13	−4	0	1.01
18704		04 00 24.49	+42 20 30.0	8.84		H	60.102 049 68	+42.341 667 91		5.36	−5.37	−5.74	1.09	0.80	1.39	1.42	1.14	+7	+25	−15	−3	+3	+7	−1	+8	−17	+8	0	1.87
18705		04 00 25.25	−26 50 13.0	8.43		G	60.105 204 40	−26.836 947 77		13.44	−54.46	−27.83	0.67	0.73	1.13	0.79	0.97	−24	+27	−14	−12	+8	−7	+10	+11	+5	−24	0	0.43
18706		04 00 26.25	+02 25 55.6	11.45		G	60.109 365 39	+02.432 124 22		−0.71	22.06	5.23	2.78	1.80	2.99	2.93	2.72	+33	+47	+12	+30	+14	+4	+8	+40	−8	+28	2	0.86
*18707		04 00 27.12	−34 51 00.3	9.57		G	60.112 985 84	−34.850 093 48		22.59	192.05	−17.40	0.85	0.91	1.24	1.04	1.02	−12	+2	+9	+10	+12	+10	+10	−16	−8	−16	0	0.56
*18708		04 00 27.10	+34 21 29.4	10.17		G	60.112 924 37	+34.358 164 64		3.64	1.48	−3.21	1.30	0.87	1.67	1.53	1.30	+7	+17	−32	+5	+4	−8	−9	+33	−14	+33	0	−0.91
18709		04 00 27.22	+05 20 04.6	9.29		H	60.113 428 81	+05.334 599 03		6.53	30.45	−4.39	1.39	0.84	1.44	1.91	1.39	+28	+22	+17	+5	−17	−14	−22	−8	−16	+13	5	1.33
18710		04 00 27.36	+42 20 55.8	9.15		H	60.114 003 90	+42.348 823 17		2.58	−4.80	−0.21	1.27	0.85	1.52	1.50	1.16	−4	+26	−23	+5	−1	+17	−2	+27	−13	+7	0	1.83
18711		04 00 28.00	−44 29 35.2	9.04		H	60.116 646 11	−44.493 117 49		4.91	5.00	5.51	0.72	0.78	0.91	0.88	0.95	+4	−1	−22	+1	−7	+17	−4	+7	−10	+17	0	1.39
18712		04 00 28.69	+52 56 50.7	8.65		H	60.119 551 13	+52.947 420 30		8.68	23.45	14.03	1.13	0.74	1.21	1.08	0.91	−35	+47	−24	+29	−35	+4	−37	+38	−9	−37	2	0.13
18713		04 00 31.84	−51 19 41.7	9.09		H	60.132 657 72	−51.328 260 07		15.54	161.25	−37.64	0.70	0.71	0.79	0.80	0.84	−7	+17	+1	−2	+7	+4	+7	−7	+4	−13	0	0.09
18714		04 00 31.93	−41 44 54.4	8.36	2	H	60.133 045 30	−41.748 430 70		18.50	69.26	−6.50	0.61	0.68	0.79	0.83	0.87	−7	+7	+1	+15	−14	−12	−14	+5	−10	−5	1	2.60
18715		04 00 32.59	+10 10 03.0	8.25		H	60.135 795 27	+10.167 511 51		7.20	9.54	−6.13	1.11	0.56	1.17	1.16	0.89	+18	+44	+12	+15	−14	−27	−25	+23	−17	+10	0	−1.07
18716		04 00 34.80	+42 13 32.0	8.02		H	60.145 003 50	+42.225 566 86		5.70	17.65	−27.36	0.81	0.59	0.99	1.00	0.87	+16	+11	−10	+1	+11	+20	+11	+26	−16	+20	0	1.83
18717		04 00 36.89	+17 17 48.2	6.31		H	60.153 693 68	+17.296 734 53		3.53	2.57	−30.81	0.80	0.42	0.92	0.84	0.67	+20	+48	+4	+2	+1	−28	−13	+22	−27	+25	0	0.45
18718		04 00 37.02	+13 53 32.1	7.31		G	60.154 267 47	+13.892 241 45		6.06	20.65	−12.20	0.94	0.49	1.05	1.01	0.86	+30	+37	+21	−1	+0	−2	−9	+17	−26	+17	0	0.24
18719		04 00 39.45	+20 22 50.2	8.66	1	H	60.164 377 46	+20.380 610 15		16.04	142.36	−76.67	1.22	0.59	1.33	1.41	1.04	+8	+38	−2	−2	−6	−22	−15	+18	−12	+18	0	0.25
18720		04 00 39.68	−52 10 10.9	8.69		H	60.165 326 85	−52.169 699 18		3.87	24.91	−2.48	0.72	0.69	0.79	0.81	0.82	−4	+6	−12	+7	+12	−10	+12	−1	+4	−6	0	1.77
18721		04 00 39.95	+20 18 12.0	9.39		H	60.166 438 46	+20.303 345 61		6.42	21.83	−20.29	1.36	0.70	1.47	1.71	1.31	+11	+24	−6	−1	−9	−14	−20	+13	−8	+29	0	−1.09
18722		04 00 40.12	−12 51 34.2	8.72		H	60.167 176 65	−12.859 506 55		2.10	43.51	−4.73	1.12	0.86	1.33	1.37	1.13	−9	+36	−39	+7	−21	+30	−7	−17	+11	+17	0	0.53
18723		04 00 40.62	−30 29 26.6	5.93		H	60.169 264 40	−30.490 709 74		9.09	47.49	5.15	0.38	0.47	0.64	0.42	0.57	−14	−2	+7	+1	−20	+4	−14	−4	−6	+12	0	2.39
18724		04 00 40.82	+12 29 25.4	3.41	2	H	60.170 085 91	+12.490 375 71		8.81	−8.15	−11.98	0.95	0.47	0.99	1.36	0.90	+12	−1	+8	+27	−18	−37	−25	+25	+24	−18	0	0.13
18725		04 00 41.35	+54 47 11.7	10.40		G	60.172 306 23	+54.786 595 71		20.39	−77.67	−24.51	1.68	1.22	1.97	2.22	1.80	−9	+1	−7	−11	+15	+30	+18	+29	−10	−4	0	1.63
18726		04 00 41.45	−49 47 04.8	9.02		H	60.172 699 99	−49.784 663 16		2.44	6.41	15.91	0.71	0.70	0.80	0.71	0.79	+1	−4	−2	−14	+5	−3	+0	+11	+3	+22	1	0.97
18727		04 00 42.59	+55 29 03.2	9.29		G	60.177 463 44	+55.484 210 23		−0.11	1.76	−1.82	1.14	0.99	1.57	2.07	1.70	−9	+15	−17	+22	−10	+36	−4	+27	−11	−24	0	0.72
18728		04 00 43.14	−48 59 11.9	9.20		H	60.179 753 90	−48.986 627 99		6.33	−20.01	−34.63	0.68	0.73	0.80	0.79	0.89	+4	−8	+3	−17	−5	+5	−9	+14	−6	+18	1	−0.18
18729		04 00 43.64	−71 10 00.8	6.60		H	60.181 818 62	−71.166 881 37		9.86	24.61	33.70	0.49	0.47	0.51	0.53	0.56	+7	−6	−11	−19	+3	+19	+3	+7	−7	+20	0	1.88
18730		04 00 44.56	+15 28 31.4	7.65		G	60.185 683 75	+15.475 385 32		8.07	−36.57	−42.29	0.90	0.53	0.99	1.26	0.96	+19	+6	−7	+7	+7	+5	+9	+25	−28	+2	2	0.39
18731	H	04 00 44.84	−58 39 42.3	7.03		H	60.186 828 69	−58.661 756 77	A	6.56	12.44	14.72	2.20	1.67	0.71	0.74	0.72	+0	+10	−26	−17	+13	−16	+9	−10	+14	−6	1	0.96
18732		04 00 45.15	+05 06 55.4	9.98		H	60.188 111 01	+05.115 389 31		9.09	−8.55	−20.59	1.76	1.07	1.84	2.32	1.70	+26	+27	+6	−5	−8	−14	−12	−1	−13	+13	0	1.35
18733		04 00 46.74	+61 41 00.1	9.33		H	60.194 768 93	+61.683 372 27		2.69	0.72	−15.35	0.74	0.91	1.31	0.89	1.09	+30	+19	+2	+15	+0	+19	−1	+26	−1	+35	1	1.22
18734	H	04 00 47.29	+05 04 58.2	8.60		H	60.197 045 86	+05.082 842 10	*	5.20	17.87	−13.41	1.18	0.75	1.25	1.55	1.21	+34	+29	+5	−5	−6	−14	−11	−1	−16	+26	0	1.66
18735		04 00 48.69	+18 11 38.6	5.89		G	60.202 857 87	+18.194 068 66		21.99	129.49	−28.27	0.72	0.44	0.81	0.83	0.69	+17	+36	−8	+12	+12	−26	+1	+34	−20	+32	0	−0.12
18736	H	04 00 49.37	+10 33 10.0	9.15		H	60.205 696 10	+10.552 774 14	A	6.37	27.61	−10.97	2.56	1.16	2.34	2.56	1.94	+21	+52	+14	+11	−15	−11	−36	+15	−36	−1	0	−0.02
18737	H	04 00 49.57	+61 17 26.7	9.65		H	60.206 538 84	+61.290 757 97	A	0.02	5.64	−19.57	1.51	1.62	1.99	1.78	1.98	+23	−3	−17	+11	+0	+10	−2	+20	−4	+44	0	1.62
18738		04 00 49.96	−64 25 19.7	7.86		G	60.208 152 65	−64.422 145 25		6.16	0.83	31.35	0.51	0.54	0.55	0.52	0.61	−11	+14	−14	−12	−7	+7	−8	−5	−6	−9	0	1.01
18739		04 00 50.70	−67 08 54.5	9.70		H	60.211 258 06	−67.148 477 56		3.45	10.70	1.03	0.86	0.94	0.97	1.03	1.12	−11	+9	−2	−14	+7	+12	+8	+8	−24	−26	3	1.58
18740		04 00 50.73	+48 14 38.6	8.76		H	60.211 379 98	+48.244 069 32		7.82	45.04	−48.01	1.03	0.77	1.20	1.51	1.18	−10	+8	−10	+27	−8	−6	−7	+35	−5	−29	0	−0.03
18741	H	04 00 52.00	−54 19 25.8	8.26		H	60.216 655 33	−54.323 832 91	A	2.69	18.50	22.85	1.68	1.89	1.69	1.85	2.13	+11	−4	+1	−10	−3	−14	−3	−3	+0	+25	3	1.62
18742		04 00 52.12	−75 36 12.1	8.78		H	60.217 146 14	−75.603 362 04		2.83	137.18	74.90	0.69	0.78	0.79	0.80	1.04	−7	+4	−22	−27	−3	+11	+1	+5	−1	−12	0	1.28
18743		04 00 53.71	−36 10 41.1	9.29		H	60.223 797 17	−36.178 078 37		1.80	19.47	13.80	0.77	0.86	1.07	0.84	0.98	−2	+1	+5	−20	−1	+4	−1	−16	−7	+0	0	0.17
18744		04 00 53.81	−62 09 33.7	4.48	2	H	60.224 187 60	−62.159 369 23		6.65	1.80	34.95	0.44	0.43	0.48	0.42	0.44	−5	+5	−9	−42	+9	+9	+3	−9	−6	+14	0	−1.09
18745		04 00 53.89	−20 20 05.3	8.64		H	60.224 552 02	−20.334 816 27		14.90	143.67	−34.59	0.93	0.91	1.34	0.95	1.00	−19	+35	−22	−33	+48	−18	+43	+12	+4	−5	3	0.94
18746		04 00 54.77	−20 42 44.8	8.12		H	60.228 209 59	−20.712 439 94		3.45	12.88	34.49	0.85	0.86	1.23	0.99	0.94	−22	+29	−41	−15	+31	−17	+22	+8	−9	−1	0	0.47
18747		04 00 56.52	+32 25 15.3	8.62		H	60.235 481 11	+32.420 905 65		3.74	1.48	−7.90	1.14	0.67	1.45	1.54	1.26	+14	+20	−14	+2	+4	+3	−6	+33	+5	+38	0	1.99
18748	H	04 00 56.81	+23 12 05.7	6.52		G	60.236 708 92	+23.201 576 34	A	3.01	15.01	−35.07	1.44	1.05	1.36	1.82	1.84	+20	−8	−24	+11	+27	−13	+24	+41	−28	+44	8	1.46
18749		04 00 58.40	+07 51 01.0	8.76		H	60.243 328 36	+07.850 278 16		8.20	−8.47	−12.08	1.21	0.69	1.33	1.72	1.74	+25	+28	+10	+8	−8	+22	−21	+15	+19	+41	0	1.93
18750		04 00 59.36	−54 23 31.8	7.70		H	60.247 344 02	−54.392 165 17		3.88	8.25	16.74	0.57	0.61	0.64	0.74	0.76	−1	+3	−7	−6	−16	−8	−16	+4	−2	+8	0	1.29
18751		04 00 59.52	−04 42 56.3	9.26		H	60.248 013 74	−04.715 632 13		5.52	−10.32	−15.39	1.01	0.86	1.22	1.42	1.35	+29	+21	+11	+11	−13	+4	−17	−1	−5	+20	0	1.79
18752		04 00 59.85	+12 12 51.8	10.54		H	60.249 392 50	+12.214 375 94		4.15	1.67	−8.16	1.98	0.85	1.95	2.54	1.68	+10	+6	+7	+18	−16	−26	−24	+25	−2	−8	0	−0.03
18753		04 01 00.55	−25 10 30.1	9.19		H	60.252 275 35	−25.175 035 77		5.11	13.31	3.27	0.66	0.82	1.35	0.82	1.05	−29	+2	+16	+4	−3	−6	−2	+23	−8	−28	0	0.61
18754		04 01 01.51	+16 31 16.5	9.96		H	60.256 303 86	+16.521 258 88		4.85	7.67	−36.23	1.46	0.71	1.55	1.79	1.28	+4	+30	−13	−17	−1	+2	−7	+9	−17	+12	0	0.93
18755		04 01 01.70	−17 21 53.8	8.08		H	60.257 078 45	−17.364 952 65		4.01	12.35	−5.64	0.84	0.80	1.04	0.91	0.98	+6	+22	−7	+44	+7	−2	+8	+38	+5	+6	0	1.43
18756	H	04 01 03.91	−54 24 22.2	8.17		H	60.266 275 13	−54.406 175 35	B	7.06	29.86	−6.85	1.00	0.99	0.99	1.18	1.16	−3	+8	+4	+0	−13	−13	−13	+14	−8	−3	2	1.35
18757		04 01 04.65	−28 16 14.1	8.88		H	60.269 360 36	−28.270 594 10		3.75	29.00	−2.77	0.60	0.87	1.29	0.56	0.94	−23	+8	−9	−9	−28	+17	−30	+7	−1	−32	0	−0.20
18758		04 01 05.98	+43 27 39.8	8.27		H	60.274 926 48	+43.461 043 14		28.69	−68.60	−39.60	0.96	0.59	1.17	0.92	0.77	−3	+45	−14	+1	+4	+12	−5	+26	−15	+16	2	0.17
18759		04 01 06.13	+33 28 14.0	9.68		G	60.275 552 47	+33.470 557 40		3.80	54.21	−41.01	1.26	0.81	1.60	1.48	1.25	+10	+21	−34	−15	+3	+8	−7	+24	−4	+44	0	−0.12
18760		04 01 06.27	−32 35 22.2	9.07		H	60.276 126 03	−32.589 491 56		7.23	21.04	17.65	0.70	0.89	1.16	0.85	1.09	−12	+0	−11	−14	+1	+17	+3	−16	−8	−5	0	−0.21
18761		04 01 06.76	+04 32 28.7	8.77		H	60.278 163 84	+04.541 291 87		14.24	45.55	−61.93	1.53	0.76	1.62	1.96	1.36	+34	+51	+15	−28	−18	−19	−29	−15	−34	+21	0	0.82
18762		04 01 06.96	+20 11 57.7	6.76		H	60.279 000 89	+20.199 350 98		6.26	31.67	−79.25	0.84	0.49	0.94	1.08	0.88	+15	+31	−15	−5	−9	−4	−15	+4	+0	+45	0	0.11
18763		04 01 07.85	+08 27 35.8	9.20		H	60.282 702 67	+08.459 941 87		6.42	−19.04	−8.50	1.32	0.75	1.44	1.51	1.52	+25	+41	+12	+27	+5	+21	+0	+34	+20	+36	0	−0.68
18764		04 01 09.59	+67 02 47.0	8.75		H	60.289 958 00	+67.046 378 49		4.50	−2.70	−5.81	0.53	0.69	0.96	0.58	0.82	+3	+15	−2	−20	−1	+5	+0	+8	+15	+7	0	0.79
18765		04 01 12.08	−06 14 04.4	8.90		H	60.300 335 98	−06.234 549 01		0.87	−7.46	−17.24	1.15	0.83	1.41	1.33	1.10	+30	+53	+26	+13	−6	+2	−23	−6	−28	−6	0	0.17
18766		04 01 12.16	−22 16 33.3	7.41		H	60.300 678 69	−22.275 927 15		5.55	5.27	3.64	0.56	0.65	0.86	0.65	0.88	−3	+12	−24	−29	+44	−18	+42	+11	−19	+7	0	−2.96
18767		04 01 12.37	+37 07 36.2	8.44		H	60.301 547 06	+37.126 733 44		5.52	−4.51	1.64	1.06	0.65	1.21	1.28	0.92	+5	+32	−2	+24	−17	−5	−20	+35	−5	+6	0	0.88
18768		04 01 12.85	−15 51 46.7	8.60		H	60.303 531 79	−15.862 974 84		7.15	7.00	−54.87	1.02	0.71	1.15	0.98	1.04	+13	+47	−11	+11	+14	−19	−1	+13	−28	+38	0	0.43
18769		04 01 14.84	+36 59 22.1	6.39		H	60.311 813 83	+36.989 483 95		8.74	−6.13	−2.72	0.73	0.48	0.89	0.87	0.69	+21	+41	−11	+10	+7	+1	−4	+39	−30	+17	0	−0.17
18770		04 01 16.63	+40 05 41.2	7.20		H	60.319 295 83	+40.094 780 37		15.30	62.46	−64.35	0.75	0.54	0.86	0.94	0.65	+16	−2	−24	+10	−32	+12	−30	+6	+8	+18	0	−1.78
18771		04 01 17.63	−46 08 14.6	7.24		H	60.323 452 03	−46.137 375 15		3.98	−1.09	11.61	0.54	0.61	0.66	0.65	0.75	−21	−1	−18	+3	−10	+11	−11	−15	+14	−31	0	−0.72
18772		04 01 18.07	−61 04 44.6	4.97		H	60.325 296 05	−61.079 051 48		9.85	66.66	94.51	0.41	0.41	0.45	0.39	0.42	−10	−4	+0	−34	+18	+4	+14	−13	−7	+17	0	−0.52
18773		04 01 18.50	−47 50 13.7	9.17		H	60.327 103 63	−47.837 133 84		0.96	27.99	9.96	0.83	0.92	1.03	1.09	1.26	+8	−4	−22	−1	+7	+18	+9	+13	+0	+31	0	1.09
18774		04 01 18.81	+76 09 38.5	8.20		H	60.328 390 99	+76.160 700 64		62.57	332.05	−547.50	0.55	0.73	0.87	0.59	0.86	−9	+14	+14	−8	+22	+22	+21	+13	−4	−10	2	−0.53
18775		04 01 20.74	−41 15 01.4	9.47		H	60.336 415 28	−41.250 376 79		3.77	5.42	−5.91	0.79	0.86	1.03	0.88	1.04	−5	−4	−7	−14	+9	−4	+5	+9	−9	+16	1	−0.31
18776		04 01 20.92	−26 31 00.6	7.52		H	60.337 152 29	−26.516 823 20		15.00	88.10	4.84	0.50	0.57	0.89	0.65	0.79	−19	+19	−13	+2	+6	−4	+9	+8	+11	−25	0	1.14
18777		04 01 21.08	+56 02 23.2	7.29		G	60.337 852 60	+56.039 785 07		7.00	−8.27	5.61	0.76	0.60	0.98	0.94	0.85	−8	−8	−17	−16	+3	+33	+10	+14	−16	−6	0	1.46
18778		04 01 21.34	+09 20 01.7	9.91		H	60.338 926 86	+09.333 794 37		8.34	30.07	−23.33	1.31	0.79	1.40	1.61	1.46	+22	+16	+14	+14	+6	+0	+3	+33	+3	+23	0	−0.67
18779		04 01 25.01	+27 36 53.1	8.38		H	60.354 196 48	+27.614 753 58		2.19	1.00	−9.51	1.08	0.53	1.33	1.02	0.94	−3	+58	−24	−24	+19	−25	−13	+29	−37	+41	0	0.69
18780		04 01 25.09	+32 16 07.6	8.93		H	60.354 543 39	+32.268 772 69		3.43	19.64	−23.68	1.25	0.66	1.58	1.69	1.30	+6	+33	−12	+13	+3	+15	−3	+37	+6	+31	0	−0.95
18781		04 01 25.89	+28 30 07.1	7.08		H	60.357 892 11	+28.501 969 72		6.71	30.25	−31.88	0.75	0.43	0.98	0.99	0.77	+20	+32	+2	+7	+0	−12	−4	+37	−36	+0	0	0.46
18782		04 01 26.06	+47 27 01.5	7.14		H	60.358 585 24	+47.450 424 39		7.77	−16.54	−8.09	0.72	0.59	0.89	0.93	0.79	+0	+18	−19	+23	−10	−1	−13	+36	−14	+1	2	1.22
18783		04 01 27.33	−78 32 55.4	8.58		H	60.363 887 34	−78.548 728 65		7.45	10.05	37.77	0.60	0.64	0.67	0.59	0.75	+2	+24	−13	−7	+4	+5	−2	+34	−15	+10	0	−0.23
18784		04 01 28.52	+19 35 47.5	9.38		H	60.368 837 61	+19.596 539 67		4.69	15.08	−10.61	1.50	0.78	1.63	1.91	1.37	+0	+13	−16	−1	−2	−4	−9	+17	−26	+11	0	−1.59
18785		04 01 29.82	−50 57 32.3	9.05		H	60.374 240 28	−50.958 974 57		0.68	12.88	16.03	0.76	0.77	0.87	0.91	0.94	−11	+12	+8	−13	+4	+6	+6	−4	+7	−19	0	−1.14
18786		04 01 30.31	+33 08 52.0	9.45		H	60.376 281 29	+33.147 768 64		8.69	−17.22	−20.43	1.31	0.80	1.63	1.78	1.50	+18	+18	−17	−14	+8	+15	−9	+31	−3	+53	2	1.07
18787		04 01 30.38	+19 48 39.4	9.34		H	60.376 579 70	+19.810 932 97		5.83	6.07	−18.50	1.31	0.77	1.45	1.69	1.33	+6	+22	−19	+2	+2	−10	−6	+16	−7	+30	0	−1.99
18788		04 01 32.03	−01 32 58.7	5.28	1	H	60.383 474 46	−01.549 626 25		7.20	27.96	−13.79	0.64	0.50	0.83	1.04	1.07	+32	+15	−7	+14	+9	+25	+17	+8	+34	+45	0	0.41
18789		04 01 32.82	+38 40 03.9	9.24		H	60.386 761 93	+38.667 740 10	B	3.50	−40.67	25.11	10.04	7.21	7.50	7.96	7.40	+30	+12	−23	+6	+17	+16	+17	+34	−13	+45	7	1.51
18790	H	04 01 33.75	−07 37 36.0	9.25		H	60.390 627 24	−07.626 673 65	A	3.22	−2.05	−16.54	1.82	1.55	2.18	2.16	2.20	+32	+21	−13	+14	+14	−14	+2	+9	−39	+35	2	0.29
18791		04 01 34.53	−00 59 37.3	9.54		H	60.393 890 31	−00.993 704 77		3.75	−0.76	4.65	1.18	0.87	1.55	2.02	1.92	+38	+20	+2	−2	+10	+24	+20	+6	+38	+41	4	1.48
18792		04 01 34.57	+20 36 22.1	10.80	2	H	60.394 032 48	+20.606 131 50		1.59	13.60	−5.70	5.77	3.55	6.17	7.21	5.37	+2	+27	−13	+1	−8	−7	−14	+5	−10	+13	3	
18793		04 01 34.83	+38 39 55.8	7.74		H	60.395 105 05	+38.665 491 99	A	3.50	−5.33	−7.87	1.71	1.42	1.63	1.90	1.82	+22	+5	−28	+16	+20	+24	+26	+43	−10	+38	7	1.51
18794	H	04 01 36.55	+50 43 41.3	9.44		H	60.402 291 67	+50.728 134 48	A	5.01	8.94	−50.15	5.14	3.52	3.71	5.85	4.31	−25	+24	−23	+0	−13	+7	−11	+18	−15	−62	3	0.01
18795		04 01 37.32	+53 51 57.4	7.04		G	60.405 506 43	+53.865 944 15		−0.62	4.28	−3.86	0.61	0.56	0.77	0.65	0.65	+12	+17	−13	−1	−7	+5	−7	+21	−10	+8	0	−0.10
18796		04 01 37.66	−13 49 30.1	9.77		G	60.406 912 97	−13.825 019 88		4.57	28.76	50.28	1.30	0.98	1.49	1.97	1.35	+1	+32	−7	−3	+7	+12	+7	+5	+0	−6	0	−0.05
18797		04 01 38.64	−61 57 30.3	8.68		H	60.410 992 91	−61.958 406 16		4.67	−9.26	−4.09	0.69	0.68	0.74	0.64	0.71	−9	−9	−7	−48	+23	+16	+14	−8	+5	+24	0	−1.40
18798		04 01 39.63	−29 10 41.9	9.42		H	60.415 128 73	−29.178 315 64		3.38	9.51	5.41	0.79	0.92	1.38	0.78	1.10	−9	+24	+2	−17	−9	+7	−18	−2	−22	+2	0	−0.51
18799		04 01 40.12	+64 21 27.0	8.27		H	60.417 162 80	+64.357 510 49		3.64	−3.10	−4.28	0.57	0.67	1.05	0.68	0.85	−21	+11	−19	+8	−24	+13	−22	−1	+4	−10	1	1.62
18800		04 01 40.92	+68 50 44.6	8.01		H	60.420 484 22	+68.845 733 32		2.14	7.99	−13.47	0.42	0.64	0.92	0.43	0.68	−34	+17	−8	−3	−3	+7	−3	+13	−3	−33	1	0.72

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
18701	9.458	0.018	9.207	0.020		0.303	0.005	G	0.35	0.01	H	9.2547	0.0045	0.026	80		9.21	9.30					1							
18702	9.133	0.013	8.230	0.010		0.803	0.015	G	0.83	0.01	H	8.2755	0.0012	0.015	132		8.25	8.30		C			1							S
18703	9.444	0.014	8.997	0.014		0.455	0.015	G	0.52	0.02	H	9.0479	0.0021	0.024	170		9.01	9.10					1							
18704	9.076	0.016	8.839	0.018		0.226	0.023	T	0.25	0.03	L	8.9050	0.0020	0.017	84		8.88	8.93					1 G							
18705	9.028	0.011	8.494	0.011		0.514	0.008	G	0.59	0.01	H	8.5521	0.0020	0.020	153		8.52	8.60					1							S
18706						1.821	0.020	G	1.96	0.15	K	11.5423	0.0072	0.055	63		11.45	11.63					1							G
18707	10.779	0.040	9.671	0.023		0.934	0.003	G	0.98	0.00	I	9.7250	0.0023	0.026	134		9.68	9.77		C			1							
18708	10.553	0.037	10.250	0.045		0.280	0.015	G	0.32	0.02	H	10.2278	0.0025	0.024	106		10.17	10.27		C			1 S							G
18709	9.955	0.023	9.352	0.021		0.562	0.027	T	0.64	0.03	L	9.4108	0.0027	0.017	74		9.38	9.45		C			1							
18710	9.341	0.019	9.121	0.022		0.210	0.027	T	0.23	0.03	L	9.2134	0.0020	0.016	82		9.18	9.25		C			1 S							
18711	9.605	0.016	9.085	0.016		0.470	0.015	G	0.54	0.02	H	9.1483	0.0021	0.018	111		9.11	9.18					1							
18712	9.130	0.015	8.694	0.015		0.412	0.020	T	0.48	0.02	L	8.7490	0.0016	0.014	90		8.73	8.78		C			1							
18713	9.892	0.018	9.182	0.015		0.640	0.018	T	0.70	0.02	L	9.2233	0.0020	0.017	119		9.20	9.26					1							
18714	9.131	0.014	8.459	0.012		0.611	0.014	T	0.68	0.01	L	8.4926	0.0023	0.025	113		8.45	8.54		U 2 C	04005−4145	I 1	1							S
18715	8.458	0.010	8.270	0.011		0.180	0.014	T	0.20	0.02	L	8.3133	0.0014	0.010	92		8.30	8.33					1							S
18716	8.082	0.008	8.022	0.010		0.060	0.012	T	0.07	0.01	L	8.0476	0.0018	0.012	84		8.03	8.07		C			1							S
18717	6.379	0.003	6.317	0.003		0.056	0.004	T	0.07	0.00	L	6.3385	0.0006	0.004	96		6.33	6.35		C			1							S
18718	9.158	0.012	7.465	0.006		1.420	0.020	G	1.40	0.03	H	7.4502	0.0010	0.009	106		7.44	7.46					1							S
18719	9.514	0.017	8.727	0.014		0.705	0.005	G	0.75	0.01	H	8.7932	0.0026	0.022	101		8.77	8.84		U			1							
18720	10.131	0.025	8.826	0.015		1.109	0.023	T	1.07	0.02	L	8.8554	0.0019	0.017	112		8.82	8.88					1							
18721	9.960	0.024	9.441	0.024		0.487	0.031	T	0.56	0.03	L	9.4944	0.0023	0.017	98		9.47	9.52		C			1							
18722	9.198	0.018	8.774	0.018		0.414	0.021	T	0.48	0.02	L	8.8124	0.0022	0.017	60		8.79	8.85		C			1							
18723	5.966	0.002	5.926	0.002		0.036	0.003	T	0.05	0.00	L	5.9450	0.0006	0.007	169		5.93	5.96		C			1 G							S
18724	3.282	0.004	3.398	0.004		−0.099	0.005	T	−0.08	0.01	L	3.3774	0.0048	0.042	96		3.36	3.46		P 1 A			1 S							S
18725						1.123	0.007	G	1.09	0.01	H	10.5800	0.0043	0.041	73		10.50	10.65					1							G
18726	10.694	0.038	9.156	0.018		1.292	0.033	T	1.25	0.03	L	9.1790	0.0018	0.016	106		9.15	9.21					1							
18727	10.210	0.034	9.389	0.027		0.820	0.015	G	0.84	0.01	H	9.4463	0.0040	0.029	79		9.38	9.48					1							G
18728	9.813	0.019	9.271	0.018		0.515	0.020	T	0.59	0.02	L	9.3170	0.0015	0.015	114		9.28	9.34		C			1							
18729	6.698	0.005	6.595	0.005		0.080	0.003	G	0.08	0.02	A	6.6241	0.0009	0.007	112		6.61	6.64					1							S
18730	8.900	0.011	7.766	0.008		0.970	0.020	G	0.95	0.02	H	7.8064	0.0016	0.011	104		7.79	7.82		C			1							S
18731	7.168	0.005	7.047	0.005	*	0.109	0.006	T	0.12	0.01	L *	7.0771	0.0007	0.008	100	*	7.06	7.09		D	04007−5840	H 1	2 C A	AB	265	0.308	0.002	0.58	0.04	S
18732	10.833	0.053	10.041	0.041		0.718	0.052	T	0.77	0.04	L	10.1251	0.0035	0.027	71		10.05	10.16					1							
18733	9.642	0.018	9.391	0.020		0.239	0.025	T	0.27	0.03	L	9.4009	0.0021	0.023	132		9.37	9.44		C			1							
18734	9.018	0.015	8.642	0.015	*	0.353	0.026	G	0.41	0.03	H *	8.6789	0.0022	0.013	73	*	8.66	8.70		D	04008+0505	I 1	2 C S A	AB	31	0.154	0.008	0.10	0.41	
18735	6.260	0.003	5.906	0.003		0.319	0.005	G	0.38	0.03	C	5.9602	0.0010	0.008	99		5.95	5.98			04008+1812	I 1	1							S
18736	9.780	0.023	9.236	0.021	*	0.510	0.028	T	0.58	0.03	L *	9.2589	0.0020	0.015	90	*	9.24	9.28		C	04008+1033	H 1	2 C A	AB	167	0.651	0.008	2.20	0.04	
18737	10.382	0.037	9.929	0.037	A						T *	9.7344	0.0031	0.031	123	*	9.70	9.82		D	04008+6117	I 1	2 C A	AB	178	8.280	0.012	1.83	0.06	G
18738	8.210	0.010	7.890	0.009		0.298	0.013	G	0.34	0.02	H	7.9485	0.0018	0.016	114		7.92	7.98					1							S
18739	10.451	0.033	9.765	0.028		0.622	0.033	T	0.69	0.03	L	9.8296	0.0025	0.020	100		9.80	9.87		C			1							
18740	9.265	0.016	8.782	0.015		0.455	0.020	T	0.52	0.02	L	8.8574	0.0015	0.014	80		8.84	8.89		C			1							
18741	8.614	0.013	8.204	0.014	*	0.388	0.018	T	0.45	0.02	L *	8.3499	0.0020	0.016	112	*	8.33	8.38		D	04009−5419	I 1	2 C A	AB	14	5.382	0.004	0.26	0.01	S
18742	9.636	0.018	8.856	0.014		0.709	0.018	T	0.76	0.01	L	8.9209	0.0018	0.015	110		8.89	8.95					1							
18743	10.833	0.042	9.480	0.022		1.147	0.037	T	1.11	0.03	L	9.4560	0.0021	0.017	123		9.42	9.48					1 S							
18744	6.577	0.007	4.698	0.007		1.500	0.140	G	2.42	0.02	A	4.5139	0.0063	0.055	88		4.43	4.62		U 2			1 S							S
18745	9.522	0.017	8.724	0.014		0.707	0.017	T	0.76	0.01	L	8.7794	0.0025	0.019	106		8.74	8.81					1							S
18746	9.419	0.017	8.238	0.011		1.012	0.016	T	0.99	0.01	L	8.2906	0.0028	0.018	95		8.26	8.32					1							S
18747	8.705	0.011	8.610	0.013		0.120	0.015	G	0.06	0.01	L	8.6395	0.0021	0.017	98		8.61	8.67					1							
18748	6.578	0.007	6.484	0.006	*	0.103	0.015	G	0.12	0.02	H *	6.5506	0.0007	0.008	77	*	6.54	6.57		D	04009+2312	I 1	2 C A	AB	127	7.493	0.004	0.95	0.01	S
18749	9.216	0.018	8.808	0.018		0.386	0.024	T	0.45	0.03	L	8.8441	0.0017	0.011	73		8.83	8.87		C			1							
18750	7.846	0.008	7.694	0.008		0.138	0.100	G	0.13	0.02	L	7.7444	0.0013	0.011	116		7.72	7.77		D	04010−5424	I 2	1 G							S
18751	10.239	0.039	9.338	0.028		0.801	0.036	T	0.83	0.03	L	9.4096	0.0019	0.018	66		9.38	9.44		C			1							
18752	11.098	0.071	10.607	0.075		0.462	0.094	T	0.53	0.10	L	10.6448	0.0036	0.024	97		10.60	10.68					1							G
18753	10.524	0.027	9.309	0.016		1.039	0.024	T	1.01	0.02	L	9.3571	0.0020	0.029	199		9.31	9.41					1							
18754	10.684	0.040	10.078	0.037		0.565	0.048	T	0.64	0.04	L	10.0837	0.0025	0.016	92		10.05	10.11		C			1							G
18755	9.424	0.021	8.199	0.013		1.047	0.019	T	1.02	0.02	L	8.2501	0.0020	0.016	75		8.22	8.28		C			1							
18756	8.556	0.010	8.213	0.010	B	0.400	0.495	G	0.34	0.04	L *	8.2444	0.0020	0.017	116	*	8.22	8.28		D	04010−5424	I 2	2 C B	BC	79	3.516	0.028	3.40	0.13	S
18757	9.564	0.013	8.928	0.012		0.585	0.013	T	0.66	0.01	L	9.0077	0.0016	0.025	204		8.97	9.05					1							
18758	9.292	0.015	8.359	0.011		0.810	0.014	T	0.84	0.01	L	8.4122	0.0017	0.016	100		8.39	8.44		C			1							
18759	10.143	0.027	9.716	0.028		0.380	0.015	G	0.44	0.02	H	9.7816	0.0020	0.021	110		9.75	9.83		C			1							G
18760	9.433	0.017	9.087	0.018		0.335	0.022	T	0.39	0.03	L	9.1564	0.0020	0.021	121		9.11	9.20					1							
18761	9.383	0.018	8.816	0.017		0.530	0.022	T	0.60	0.02	L	8.8831	0.0027	0.016	61		8.86	8.91		C			1							
18762	8.117	0.010	6.882	0.007		1.055	0.015	G	1.02	0.01	H	6.9277	0.0007	0.008	87		6.92	6.94		C			1							S
18763	10.003	0.028	9.284	0.024		0.661	0.030	T	0.72	0.03	L	9.3369	0.0025	0.017	86		9.30	9.37		C			1							
18764	8.966	0.011	8.791	0.013		0.168	0.016	T	0.18	0.02	L	8.8101	0.0015	0.020	168		8.77	8.85		C			1							
18765	11.010	0.063	9.066	0.021		1.639	0.020	G	1.61	0.02	J	9.0178	0.0028	0.020	71		8.98	9.04		C			1 S							
18766	7.742	0.008	7.436	0.009		0.290	0.020	G	0.33	0.03	H	7.4811	0.0009	0.012	135		7.46	7.51					1							S
18767	9.790	0.025	8.544	0.016		1.080	0.015	G	1.04	0.01	H	8.6051	0.0014	0.011	88		8.58	8.62		C			1							
18768	9.372	0.021	8.660	0.018		0.642	0.021	T	0.71	0.02	L	8.7378	0.0021	0.015	62		8.72	8.76		C			1							S
18769	6.393	0.004	6.400	0.004		−0.005	0.005	T	0.02	0.01	L	6.4000	0.0007	0.006	87		6.39	6.41		C			1							S
18770	7.669	0.006	7.250	0.008		0.396	0.009	T	0.46	0.01	L	7.2954	0.0007	0.009	102		7.28	7.31		D			1							S
18771	8.541	0.009	7.350	0.006		1.020	0.008	T	0.97	0.02	A	7.4010	0.0013	0.009	97		7.39	7.42					1							S
18772	6.820	0.005	5.126	0.003		1.386	0.066	G	1.41	0.02	A	5.1069	0.0005	0.006	110		5.10	5.12		C			1							S
18773	10.754	0.039	9.277	0.019		1.244	0.034	T	1.20	0.03	L	9.3269	0.0017	0.021	96		9.29	9.37		D			1							
18774	9.688	0.016	8.347	0.010		1.132	0.029	G	1.22	0.04	I	8.3282	0.0018	0.019	150		8.29	8.36					1							
18775	10.102	0.022	9.474	0.020		0.579	0.022	T	0.65	0.02	L	9.5907	0.0019	0.020	121		9.56	9.63		C			1							
18776	8.137	0.007	7.574	0.007		0.531	0.007	T	0.60	0.01	L	7.6379	0.0008	0.011	150		7.62	7.66		C			1							S
18777	7.436	0.007	7.295	0.009		0.126	0.006	G	0.14	0.01	H	7.3338	0.0014	0.010	93		7.32	7.35		C			1							S
18778	10.764	0.044	9.957	0.034		0.730	0.043	T	0.78	0.03	L	10.0615	0.0016	0.018	96		10.03	10.10		C			1							
18779	9.684	0.017	8.524	0.012		0.996	0.016	T	0.97	0.01	L	8.5437	0.0014	0.011	106		8.52	8.56					1							
18780	9.297	0.015	8.932	0.015		0.300	0.015	G	0.34	0.02	H	9.0020	0.0016	0.013	114		8.98	9.03					1							
18781	7.283	0.005	7.102	0.005		0.173	0.007	T	0.19	0.01	L	7.1351	0.0009	0.008	133		7.12	7.15		C			1							S
18782	8.497	0.010	7.279	0.007		1.041	0.010	T	1.01	0.01	L	7.3121	0.0010	0.010	87		7.30	7.33		C			1							S
18783	9.131	0.014	8.639	0.013		0.474	0.015	T	0.55	0.02	L	8.6897	0.0015	0.014	106		8.67	8.72		C			1							
18784	9.833	0.036	9.393	0.037		0.415	0.047	T	0.48	0.05	L	9.4749	0.0030	0.019	63		9.45	9.51		C			1							
18785	10.284	0.024	9.151	0.016		0.975	0.022	T	0.96	0.02	L	9.2178	0.0019	0.020	110		9.19	9.25		C			1							
18786	10.082	0.023	9.477	0.021		0.564	0.027	T	0.64	0.03	L	9.5765	0.0021	0.019	104		9.54	9.61					1							
18787	9.978	0.040	9.379	0.036		0.559	0.047	T	0.63	0.04	L	9.4660	0.0021	0.020	68		9.42	9.51					1							
18788	5.097	0.003	5.252	0.003		−0.133	0.004	T	−0.12	0.01	L	5.2315	0.0013	0.011	80		5.21	5.25		U 2			1							S
18789	10.174	0.032	9.213	0.024	B	0.845	0.030	T	0.86	0.02	L	9.2766	0.0228			B				D	04015+3840	I 2	1 C I B							
18790	10.605	0.051	9.370	0.028	A	−0.400	0.495	G	1.05	0.07	B *	9.4146	0.0036	0.021	70	*	9.38	9.46		R	04016−0738	I 1	2 C D	AB	254	3.865	0.051	3.24	0.21	D
18791	10.052	0.030	9.605	0.032		0.529	0.015	G	0.60	0.02	H	9.6537	0.0028	0.020	94		9.63	9.70		C			1							
18792	11.500	0.116	10.887	0.117		0.507	0.100	G	0.58	0.10	R	10.9145	0.0102	0.074	69		10.81	11.03		U 2			1 X S							G
18793	9.895	0.028	7.894	0.012	A	1.274	0.218	G	1.71	0.06	M	7.8418	0.0081	0.022	87	A	7.79	7.86		D	04015+3840	I 2	1 C P B							S
18794	10.176	0.030	9.577	0.027	*	0.559	0.035	T	0.63	0.03	L *	9.5659	0.0027	0.020	75	*	9.54	9.60		D	04016+5044	M 1	2 C A	AB	134	0.533	0.004	0.21	0.02	G
18795	8.522	0.011	7.180	0.007		1.138	0.010	T	1.30	0.03	C	7.1785	0.0009	0.009	81		7.17	7.20		D			1							S
18796	9.945	0.032	9.709	0.038		0.190	0.005	G	0.21	0.01	H	9.8340	0.0023	0.024	56		9.80	9.88		D			1							
18797	9.181	0.021	8.743	0.021		0.427	0.024	T	0.49	0.03	L	8.7758	0.0018	0.014	92		8.75	8.80		C			1							
18798	10.735	0.032	9.526	0.018		1.034	0.029	T	1.01	0.02	L	9.5881	0.0025	0.028	162		9.54	9.63		C			1							
18799	10.137	0.020	8.456	0.010		1.404	0.018	T	1.38	0.02	L	8.4167	0.0019	0.016	163		8.39	8.45					1							
18800	9.716	0.012	8.149	0.006		1.315	0.011	T	1.28	0.01	L	8.1666	0.0009	0.016	280		8.14	8.20					1							

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion μα* mas/yr 12	μδ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	μα* mas/yr 17	μδ mas/yr 18	Astrometric Correlations (%) δ α* 19	π α* 20	π δ 21	μα* α* 22	μα* δ 23	μα* π 24	μδ α* 25	μδ δ 26	μδ π 27	μδ μα* 28	Soln F1 % 29	F2 30
18801	H	04 01 42.12	+56 10 36.7	8.80		H	60.425 493 61	+56.176 864 17	A	−1.19	3.03	−8.35	2.13	1.72	1.93	1.99	1.77	−16	−17	+1	−14	+2	+30	+4	−1	−6	−24	3	0.17
18802	H	04 01 44.26	−57 12 28.2	8.11		G	60.434 412 94	−57.207 830 41	A	19.02	347.27	413.51	0.87	0.89	0.87	1.01	1.00	−14	+17	−34	−28	+4	−14	+1	−16	+16	−8	1	−0.37
18803		04 01 45.11	+21 39 33.8	8.75		H	60.437 945 34	+21.659 392 50		2.81	37.34	−17.70	1.39	0.68	1.57	1.30	1.00	−8	+58	−19	+10	−8	−20	−32	+23	−35	+16	5	0.29
18804		04 01 46.10	+44 32 55.5	8.80		H	60.442 063 67	+44.548 762 33		6.80	−21.65	−1.85	0.90	0.67	1.12	1.05	0.89	+10	+30	−14	+16	−9	−16	−12	+20	+1	+20	2	0.66
18805	H	04 01 46.13	+09 59 52.9	5.67		H	60.442 220 88	+09.998 013 93	A	5.77	5.59	1.13	0.87	0.50	0.78	0.94	0.74	+10	+27	+20	+30	−19	−15	−27	+27	+0	−2	0	−0.51
18806		04 01 46.26	+13 50 15.2	8.28		H	60.442 756 65	+13.837 550 30		11.74	−3.34	−88.80	0.97	0.51	1.02	1.05	0.84	+19	+30	+5	−7	+5	+3	+4	+22	−11	+15	0	0.24
18807		04 01 46.36	+32 12 55.3	9.28		H	60.443 184 40	+32.215 350 07		4.61	2.56	−5.87	1.39	0.67	1.73	1.81	1.33	−2	+33	−11	+11	−2	+9	−10	+37	−1	+20	0	0.15
18808		04 01 49.96	+50 38 17.8	8.04		H	60.458 149 05	+50.638 271 44		5.28	22.08	−28.96	0.86	0.71	1.11	0.94	0.85	−10	+33	−30	+23	−12	+6	−15	+35	−12	−8	0	1.42
18809		04 01 50.12	−18 22 02.9	7.65		G	60.458 847 24	−18.367 473 98		7.59	4.59	22.48	0.67	0.68	1.01	0.68	0.78	−1	+0	−44	−26	+54	−22	+56	+37	−28	+0	0	1.93
18810		04 01 50.17	+07 36 17.6	8.65		H	60.459 042 31	+07.604 895 21		3.96	−2.49	−2.61	1.27	0.67	1.32	1.63	1.48	+35	+28	+10	−2	−18	+9	−34	−3	−11	+34	0	−1.50
18811		04 01 50.72	−30 46 52.3	9.34		H	60.461 322 51	−30.781 201 04		2.82	−0.30	10.71	0.80	0.99	1.32	0.87	1.23	−21	−6	−2	+7	−5	+0	−6	+10	−8	−3	0	−0.72
18812		04 01 51.17	−64 34 15.3	8.60		H	60.463 207 17	−64.570 908 94		3.36	0.88	5.44	0.63	0.65	0.68	0.64	0.74	−13	+18	−20	−18	−5	+3	−7	−5	−6	−9	0	−0.60
18813		04 01 52.06	−20 28 30.3	7.83		G	60.466 900 86	−20.475 073 88		8.20	23.76	1.82	0.75	0.78	1.13	0.83	0.95	−11	+31	−35	−24	+41	−22	+32	+16	−4	+15	0	1.05
18814		04 01 54.28	+49 55 35.1	8.22		G	60.476 164 76	+49.926 419 05		10.92	−4.23	−38.86	0.82	0.74	1.07	1.10	1.04	+2	+16	−34	+18	+16	−14	+13	+43	−14	+0	2	1.09
18815		04 01 55.40	+25 55 25.3	9.03		H	60.480 832 31	+25.923 696 75		6.53	7.18	−17.23	1.45	0.84	1.64	1.57	1.35	+35	+51	+14	+2	+24	−5	+19	+46	+6	+48	0	−0.31
18816		04 01 55.44	−21 01 14.6	7.26		H	60.481 018 20	−21.020 712 72		3.19	3.76	−0.23	0.69	0.67	0.99	0.82	0.83	−2	+12	−32	−5	+27	−9	+25	+12	−9	+9	0	−1.22
18817		04 01 56.67	−50 30 29.3	7.76		G	60.486 142 14	−50.508 135 08		5.57	24.36	28.75	0.56	0.57	0.63	0.59	0.61	−11	+4	+8	−13	+7	−3	+6	+6	+3	−3	0	−0.40
*18818	H	04 01 58.35	+62 30 50.7	8.00		H	60.493 123 98	+62.514 081 79	A	0.77	−2.04	−0.48	1.40	1.55	2.04	1.55	1.78	−3	+10	−19	+23	−11	+19	−9	+27	+5	−1	8	2.83
*18819		04 01 58.32	−36 05 57.9	8.39		H	60.493 006 41	−36.099 405 72		0.86	11.12	1.87	0.64	0.68	0.87	0.72	0.82	−9	−1	+2	−30	+12	+1	+12	−24	−18	+10	0	−0.37
18820		04 01 59.21	+18 47 13.2	10.13		H	60.496 708 20	+18.786 993 58		5.37	35.67	−16.75	1.85	1.10	1.91	2.40	1.67	−8	+26	−12	−32	+19	+6	+16	−4	−24	−11	0	0.29
18821		04 02 01.88	−30 28 07.3	8.54		H	60.507 815 64	−30.468 701 03		7.06	45.76	43.83	0.57	0.76	1.00	0.59	0.87	−17	−3	−3	+10	−15	+10	−16	+8	−6	−4	0	1.99
18822		04 02 01.99	−40 56 15.7	9.56		H	60.508 310 13	−40.937 694 19		4.21	26.48	22.80	0.75	0.88	1.03	0.87	0.97	+10	−3	−10	−1	−5	+13	−4	+9	−19	+22	1	−0.33
18823		04 02 03.06	+17 17 50.6	9.44		H	60.512 748 69	+17.297 400 72		5.37	44.48	−8.98	1.38	0.88	1.38	1.54	1.19	−3	+24	−1	+29	−23	−16	−26	+13	−5	+12	0	0.03
18824	H	04 02 03.18	−34 28 55.6	6.73		G	60.513 258 42	−34.482 121 85	A	19.15	377.44	−15.13	0.97	1.10	1.13	0.83	1.02	−7	+1	−3	−16	+8	+4	+6	−9	−6	+8	3	1.84
18825		04 02 03.47	+11 18 05.5	9.15		H	60.514 461 68	+11.301 514 28		2.99	−4.94	−0.73	1.32	0.67	1.50	1.62	1.14	+28	+31	+18	+4	−5	−33	+0	+29	−17	+6	0	0.91
18826		04 02 03.99	+06 31 25.9	8.45		H	60.516 608 42	+06.523 871 36		2.88	15.65	−8.73	1.22	0.68	1.36	1.29	1.07	+38	+51	+19	−9	−11	+14	−23	−13	−20	+23	0	−0.11
18827		04 02 04.72	+44 44 32.1	8.91		H	60.519 683 92	+44.742 257 02		1.78	17.94	−21.41	1.04	0.70	1.31	1.22	0.98	+6	+37	−12	+1	−7	−10	−9	+22	+2	+15	0	0.61
18828		04 02 06.15	−36 36 59.8	9.20		H	60.525 629 13	−36.616 602 78		23.28	−57.71	−133.09	0.74	0.82	1.01	0.87	1.04	−12	+7	−7	−15	+2	−8	+0	−14	−9	+3	0	0.88
18829		04 02 09.57	+45 44 03.4	8.68		H	60.539 881 21	+45.734 285 44		5.80	−8.29	−4.81	0.95	0.71	1.15	1.05	1.00	+18	+38	−9	+16	+8	+10	+1	+38	+5	+45	0	0.48
18830		04 02 11.01	−53 37 09.7	8.75		H	60.545 855 67	−53.619 349 82		2.30	4.52	17.87	0.76	0.78	0.87	0.93	0.97	−15	+11	−19	+3	−9	+23	−7	−8	+3	−37	1	−0.43
18831		04 02 12.77	+04 35 02.1	10.01		H	60.553 223 72	+04.583 918 77		6.53	50.88	−12.86	2.19	1.24	2.37	3.04	2.42	+42	+35	+4	−2	+19	−32	+12	+38	−22	+51	0	−1.38
18832		04 02 13.17	+00 04 50.3	8.35		H	60.554 867 68	+00.080 649 58		5.09	52.71	20.45	0.95	0.71	1.25	1.50	1.61	+48	+23	+1	+22	+12	+11	+19	+14	+38	+60	0	0.01
18833		04 02 15.32	+22 25 20.8	7.82		H	60.563 833 64	+22.422 432 39		11.47	−68.93	−50.78	0.89	0.61	1.02	0.99	0.78	+6	+38	−17	−5	+13	−26	+2	+13	−18	+19	0	1.85
18834		04 02 15.74	+53 45 11.8	8.90		H	60.565 593 58	+53.753 275 76		−1.88	2.96	−0.75	0.91	0.73	1.10	0.98	0.90	−8	+11	−26	−6	−2	+0	−2	+20	−15	−13	4	2.60
18835		04 02 16.37	−04 18 09.8	8.72		H	60.568 211 64	−04.302 719 30		5.36	−28.29	−9.22	0.93	0.81	1.11	1.21	1.22	+14	+16	−10	+24	+2	+10	+5	+4	−7	+31	2	0.37
18836		04 02 16.63	+60 41 36.1	9.23		H	60.569 296 19	+60.693 361 22		2.24	4.55	−5.10	0.94	0.97	1.35	1.10	1.23	+14	+20	−14	+46	+4	+15	−1	+50	−21	+30	0	0.13
18837		04 02 17.15	−01 37 57.5	7.73		G	60.571 447 37	−01.632 632 79		14.48	56.93	−30.83	0.81	0.62	1.03	1.31	1.41	+27	+15	−8	+12	+5	+14	+12	+4	+33	+40	2	−0.17
18838		04 02 20.26	+47 30 23.9	7.91	2	H	60.584 412 68	+47.506 644 47		0.16	2.09	−1.85	0.85	0.68	1.08	1.25	1.13	+5	+8	−16	+32	+0	−11	−3	+47	−23	+2	0	−1.12
18839	H	04 02 21.85	−28 31 51.1	7.60		G	60.591 037 73	−28.530 850 28	*	16.85	−35.16	−34.97	0.75	1.02	1.09	0.71	0.98	−17	+16	−10	+7	−30	+24	−32	+4	−13	−3	3	0.30
18840	H	04 02 22.54	−07 00 18.5	8.79	2	H	60.593 936 84	−07.005 142 26	A	10.51	−1.62	20.89	3.73	2.84	5.06	5.73	5.79	+37	+49	+3	+4	+13	−12	−9	+19	−45	+26	5	1.21
18841		04 02 24.30	+31 19 52.1	8.32		H	60.601 241 43	+31.331 131 25		15.27	−113.39	−192.52	0.90	0.53	1.07	1.18	0.97	+13	+22	−7	+13	+16	−14	+6	+46	−4	+37	0	0.94
18842		04 02 25.42	−70 16 19.7	8.59		H	60.605 902 24	−70.272 143 26		4.27	9.72	5.56	0.65	0.65	0.70	0.70	0.76	+1	+1	+5	−5	+0	+21	−2	+10	−3	+7	3	0.47
18843		04 02 26.27	+15 08 02.0	9.57		H	60.609 470 37	+15.133 885 67		17.28	16.45	28.53	1.61	0.91	1.80	2.02	1.51	+24	+19	+14	+15	+3	+6	−1	+20	−24	+2	0	0.33
18844		04 02 26.56	−61 21 25.9	6.74		G	60.610 654 76	−61.357 205 33		38.89	337.78	109.25	0.51	0.48	0.53	0.66	0.56	−2	−12	−3	−26	+8	+4	+17	−0	−19	−1	0	−0.26
18845	H	04 02 27.21	+46 00 45.4	9.86		H	60.613 365 20	+46.012 597 53	A	4.32	4.76	−7.20	3.12	1.93	3.10	2.73	2.47	−40	+22	−34	−5	+2	−3	−16	+36	−36	+31	0	−0.35
18846	H	04 02 27.54	+48 23 43.1	9.19		H	60.614 731 96	+48.395 307 23	A	2.86	−7.02	1.36	1.96	1.42	2.11	2.00	1.88	−18	+6	−21	+8	−5	+4	−3	+23	−31	−18	1	0.21
18847		04 02 28.01	−78 37 59.1	6.63		H	60.616 725 92	−78.633 080 14		6.17	21.36	−11.83	0.44	0.47	0.50	0.44	0.56	−2	+18	−14	−5	−1	+1	−6	+27	−16	+6	1	−0.76
18848		04 02 28.54	+31 29 28.1	8.65		H	60.618 923 14	+31.491 128 81		0.34	4.44	−6.32	0.95	0.56	1.17	1.32	1.12	+16	+23	−9	+8	+19	−3	+7	+43	+1	+48	0	1.79
18849		04 02 28.58	+18 03 41.7	10.03		H	60.619 101 93	+18.061 590 28		3.97	11.40	−17.02	1.48	0.98	1.65	1.78	1.35	+5	+43	−4	−20	+4	−16	−11	−17	−32	−4	0	0.04
18850		04 02 29.22	+03 50 50.1	6.91		H	60.621 733 05	+03.847 247 73		4.88	3.73	−7.52	0.85	0.54	0.96	0.93	0.86	+31	+45	+7	+24	+18	−4	+6	+39	−25	+25	0	1.30
18851		04 02 29.38	+39 05 50.4	7.71	1	G	60.622 433 06	+39.097 344 53		6.92	23.21	−38.57	0.86	0.65	1.14	0.99	0.85	+22	+7	−45	−5	+0	+7	−8	+27	−7	+51	0	0.84
18852		04 02 30.45	+07 14 46.8	10.19		H	60.626 867 68	+07.246 323 71		3.20	−0.15	−8.57	1.83	0.92	1.92	2.17	1.78	+27	+37	+14	+4	−13	−5	−26	+12	−18	+17	0	0.24
18853		04 02 30.66	−19 29 53.8	7.91		G	60.627 758 51	−19.498 272 34		6.44	14.63	−20.72	0.70	0.67	1.00	0.77	0.76	−24	+17	−37	−37	+42	−25	+39	+6	+4	−17	0	0.78
18854		04 02 31.42	−11 24 50.1	8.70		H	60.630 927 33	−11.413 915 97		4.12	13.05	26.44	1.02	0.95	1.31	1.51	1.37	+32	+19	−31	−15	−23	+30	−11	−22	+19	+43	0	1.71
18855		04 02 32.49	+04 27 51.9	10.00		H	60.635 365 11	+04.464 430 52		7.43	−11.21	−60.47	2.45	1.38	2.50	3.38	2.84	+53	+36	+9	+18	+33	−28	+28	+55	−14	+58	0	−0.62
18856	H	04 02 32.85	+06 37 52.1	10.67		H	60.636 869 93	+06.631 150 12	*	12.63	−29.86	−6.48	9.17	9.13	3.45	4.16	2.77	+37	+25	+21	−5	−13	−7	−18	+6	−21	−1	0	−0.55
18857		04 02 33.58	−38 23 25.2	8.52		H	60.639 909 92	−38.390 341 31		14.62	−35.01	−81.77	0.61	0.69	0.84	0.68	0.82	+5	+4	+2	−9	+12	−12	+10	+6	−10	+21	0	−0.28
18858		04 02 36.21	+32 54 34.2	8.51		H	60.650 872 24	+32.909 502 70		4.02	−0.70	−4.55	0.99	0.61	1.27	1.44	1.16	+19	+10	−5	−7	+10	+29	−4	+34	+10	+51	0	0.35
*18859		04 02 36.66	−00 16 05.9	5.38	1	H	60.652 736 34	−00.268 310 52		52.00	151.20	−252.03	0.60	0.49	0.75	0.90	1.02	+48	+18	−9	+25	+4	+16	+12	+2	+33	+66	0	1.56
*18860		04 02 36.64	−54 44 54.5	8.60		H	60.652 661 97	−54.748 482 55		1.74	−10.40	−8.75	0.78	0.78	0.84	0.95	0.98	+9	+12	−17	−16	−23	+2	−23	+3	−10	+3	0	1.44
18861		04 02 36.84	−68 56 50.0	7.40		H	60.653 506 90	−68.947 210 24		4.08	38.49	15.64	0.54	0.58	0.59	0.54	0.67	−7	+15	−9	+2	+15	−6	+16	−3	−9	+4	0	2.06
18862		04 02 37.97	+32 51 33.2	9.82		G	60.658 197 55	+32.859 217 54		3.19	3.81	−0.63	1.55	0.78	1.97	2.12	1.65	+3	+30	−7	−4	+13	+22	−5	+40	−2	+43	0	−0.41
18863		04 02 38.46	−00 48 03.7	6.93		H	60.660 259 91	−00.801 020 81		7.44	9.14	−9.67	0.67	0.53	0.88	1.02	1.15	+46	+16	−5	+26	+8	+22	+13	+9	+42	+61	2	0.60
18864		04 02 38.52	+15 03 43.8	8.74		G	60.660 489 04	+15.062 171 14		8.78	−1.24	−59.67	1.17	0.78	1.31	1.57	1.16	+18	+27	+13	+8	+3	−6	−2	+15	−26	−4	0	0.28
18865		04 02 39.75	+56 23 05.2	8.28		H	60.665 639 99	+56.384 782 24		3.91	41.58	−45.88	0.94	0.77	1.21	1.10	1.02	−10	+12	−15	−9	−1	+30	+2	+10	+3	+3	0	2.57
18866		04 02 41.33	−19 02 45.8	9.57		G	60.672 208 85	−19.046 068 17		3.65	4.66	−13.45	0.96	1.03	1.51	1.00	1.20	+5	+17	−26	−34	+38	−23	+36	+29	−4	+10	1	1.77
18867		04 02 41.76	+35 23 58.5	8.57		H	60.674 006 29	+35.399 595 14		1.58	−1.73	−6.81	0.90	0.63	1.16	1.23	0.97	+17	+3	−25	+10	+5	−9	+1	+43	−31	+21	0	−0.12
*18868		04 02 41.81	+25 55 17.3	8.16		H	60.674 218 82	+25.921 467 67		7.33	22.46	−21.49	1.21	0.94	1.26	1.31	1.18	+52	+37	+14	+30	+33	+0	+30	+57	−2	+50	0	−0.06
*18869		04 02 41.78	+60 20 55.8	10.60		H	60.674 092 82	+60.348 833 48		1.96	11.32	11.50	1.12	1.16	1.60	1.38	1.50	+3	+17	−9	+36	−3	+11	−5	+45	−8	+14	0	−0.89
18870		04 02 42.69	−27 29 01.4	7.40		H	60.677 869 46	−27.483 729 65		17.51	91.02	75.36	0.41	0.59	0.88	0.43	0.72	−22	+11	−5	−8	−18	+2	−20	+3	+5	−35	0	0.34
18871		04 02 43.72	+58 56 57.5	7.55		H	60.682 172 15	+58.949 307 40		2.61	−1.67	−0.85	0.62	0.57	0.79	0.70	0.69	−9	+9	−1	+56	−29	+8	−31	+54	−9	−3	0	−0.31
18872		04 02 44.15	−86 14 43.4	7.95		G	60.683 961 33	−86.245 396 28		6.89	35.27	19.35	0.53	0.63	0.63	0.57	0.76	+0	+8	+0	+4	−10	+5	−9	+24	−6	−11	2	0.95
18873	H	04 02 44.21	+46 59 49.2	8.39		H	60.684 194 53	+46.996 989 95	A	5.47	25.55	−25.96	1.39	1.09	1.57	1.41	1.35	−28	+9	−31	+13	−7	−3	−15	+34	−25	−10	1	−0.39
18874		04 02 45.04	−48 49 45.9	8.85		H	60.687 685 90	−48.829 417 96		0.81	14.11	4.61	0.67	0.70	0.79	0.80	0.83	−2	−7	−3	−14	−6	+4	−8	+16	−11	+5	0	−0.21
18875		04 02 47.05	−22 35 39.3	6.90		H	60.696 034 99	−22.594 249 19		8.14	7.59	−86.47	0.57	0.64	0.81	0.68	0.86	−3	+15	−22	−33	+51	−19	+49	+22	−9	+5	0	−0.83
18876		04 02 47.44	−39 59 44.9	8.05		H	60.697 682 18	−39.995 813 20		1.54	23.09	1.22	0.66	0.62	0.84	0.84	0.73	−11	+3	−3	+19	−13	+3	−11	+1	−27	−6	2	−0.73
18877		04 02 48.01	+01 50 58.4	9.67		G	60.700 035 07	+01.849 551 11		12.62	182.46	−54.49	1.47	1.01	1.53	1.70	1.52	+24	+34	−9	+31	+24	−8	+18	+54	−19	+24	0	0.71
18878		04 02 49.65	−57 27 34.1	8.44		H	60.706 874 96	−57.459 472 59		2.97	13.07	10.46	0.69	0.66	0.74	0.84	0.81	−18	+9	−27	−12	−3	+0	−2	−7	+12	−12	2	−0.49
18879	H	04 02 49.73	−31 14 33.3	8.42		G	60.707 198 04	−31.242 571 80	*	6.16	8.79	−4.00	0.59	0.76	1.00	0.66	0.88	−8	+8	−5	+4	−9	+8	−9	+6	+1	+3	2	0.44
18880		04 02 52.85	+58 55 28.1	8.14		G	60.720 200 48	+58.924 478 89		0.12	−1.11	−2.45	0.72	0.70	0.97	0.80	0.83	−14	+4	−2	+54	−35	+8	−37	+55	−10	−11	0	−0.22
18881		04 02 53.24	−59 32 01.8	8.33		H	60.721 835 95	−59.533 846 65		2.55	9.67	26.29	0.66	0.67	0.75	0.71	0.74	−2	+5	−22	−5	+16	−21	+14	−12	−2	+7	3	0.60
*18882		04 02 53.88	−20 30 22.1	7.97		H	60.724 487 91	−20.506 144 66		4.34	0.69	−13.41	0.83	0.82	1.20	0.93	1.02	−9	+27	−40	−37	+37	−23	+25	+10	−10	+24	0	−0.48
*18883	H	04 02 53.85	−59 34 46.2	7.69		H	60.724 391 35	−59.579 510 23	A	3.64	27.19	5.42	1.63	1.41	1.38	1.59	1.31	+10	−5	−22	+1	+25	−11	+25	−13	−6	+13	1	1.91
18884	H	04 02 55.15	+62 25 16.7	7.34		H	60.729 785 00	+62.421 315 39	A	2.23	0.30	−0.76	1.10	1.46	1.29	1.03	1.15	+8	−4	+16	−8	−12	+17	−23	+19	+15	+8	8	0.44
18885		04 02 55.78	−39 48 20.5	7.55		H	60.732 396 77	−39.805 706 76		5.79	−4.17	−16.44	0.50	0.52	0.64	0.60	0.59	−9	+2	−10	+3	−11	+12	−9	−3	−5	−5	1	0.74
18886		04 02 56.64	+31 55 54.5	9.87		H	60.735 997 47	+31.931 802 45		2.38	6.41	−7.61	1.41	0.78	1.75	2.02	1.58	+10	+25	−8	+17	+10	+9	+3	+43	+5	+35	0	−1.12
18887		04 02 57.92	+08 08 24.3	7.36		G	60.741 330 22	+08.140 084 50		11.24	−9.51	−7.55	0.92	0.49	0.97	1.18	1.09	+37	+25	+8	−2	−4	−5	−17	+16	−5	+46	2	0.26
18888		04 02 58.48	−44 23 31.1	8.12		G	60.743 652 33	−44.391 965 95		15.00	−60.87	−83.41	0.61	0.69	0.78	0.71	0.82	+0	−10	+0	−1	−5	+4	−4	−3	+0	+19	0	0.65
18889		04 02 58.61	−55 36 05.7	8.61		H	60.744 192 10	−55.601 570 83		2.09	−8.30	−17.44	0.68	0.74	0.78	0.76	0.80	+0	−11	−30	−6	−5	+3	−4	−18	+8	−1	1	−0.45
18890		04 02 58.77	+11 21 57.9	9.79		H	60.744 864 70	+11.366 092 58		3.62	−10.50	−4.69	1.56	0.76	1.73	1.90	1.35	+15	+38	+17	+2	−11	−27	−14	+20	−24	−7	0	−0.88
18891		04 02 58.82	−00 03 47.8	8.93		H	60.745 066 23	−00.063 285 76		4.86	39.77	5.06	1.07	0.77	1.39	1.72	1.80	+41	+17	+12	+16	+6	+13	+8	+12	+35	+51	0	0.59
18892		04 02 58.92	+28 27 21.2	8.82		H	60.745 485 89	+28.455 879 10		2.46	25.06	−12.36	1.06	0.63	1.39	1.44	1.11	+27	+20	+13	+26	−7	−25	−9	+41	−32	+11	0	0.09
18893		04 02 59.45	+09 12 32.0	6.91		H	60.747 723 07	+09.208 884 72		22.70	93.22	−162.79	0.79	0.45	0.84	0.95	0.98	+20	+13	+11	+17	−12	+3	−23	+15	+28	+39	0	−1.04
18894		04 02 59.81	−48 22 07.8	6.95		H	60.749 209 39	−48.368 820 14		3.28	7.36	14.64	0.48	0.48	0.56	0.58	0.58	−5	−5	−9	−3	−1	+8	−1	+15	−7	+4	0	1.21
18895		04 03 02.29	+34 37 31.9	10.09		G	60.759 536 67	+34.625 516 91		0.00	10.99	−3.30	1.49	0.90	1.84	2.17	1.64	+6	+9	−18	+17	−6	+1	−16	+36	−14	+28	0	−0.03
18896		04 03 02.91	−08 45 11.0	9.07		H	60.762 134 91	−08.753 060 49		5.09	−1.78	−7.28	1.07	1.00	1.32	1.31	1.65	+35	+23	−18	+16	+27	−11	+17	+37	−28	+55	0	0.81
18897		04 03 03.31	−15 08 44.1	9.04		H	60.763 804 69	−15.145 590 05	A	0.59	−8.99	−69.58	3.63	3.09	3.32	4.66	3.83	+29	+8	+24	+17	+11	+20	+1	−6	−33	+2	17	3.00
18898		04 03 03.32	−51 38 49.2	7.61		H	60.763 824 41	−51.647 003 75		1.92	3.37	21.24	0.57	0.57	0.64	0.68	0.68	−3	−3	−8	+12	+6	−7	+4	−9	+1	−10	0	−2.56
18899		04 03 03.94	−15 09 07.5	10.41		H	60.766 430 41	−15.152 096 80	B	0.59	−30.59	−208.68	75.84	60.09	3.32	60.05	75.76	+29	+0	+1	+0	+0	+2	+0	+0	−2	+45	17	3.00
18900		04 03 04.55	+52 37 44.7	8.84		H	60.768 970 20	+52.629 070 89		0.82	8.74	−13.74	1.04	0.72	1.31	1.07	0.86	−29	+51	−35	+19	−21	+11	−18	+31	−7	−28	0	1.27

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
18801	10.513	0.036	8.998	0.017	*	1.274	0.031	T	1.23	0.03	L *	8.9563	0.0028	0.025	87	*	8.92	8.99		R	04017+5611	H 1	2 C A	AB	134	0.502	0.017	2.23	0.07	
18802	8.770	0.011	8.208	0.010	A	0.566	0.023	G	0.64	0.02	H *	8.2363	0.0016	0.011	98	*	8.21	8.25		D	04017−5712	H 1	2 C A	AB	342	1.100	0.025	3.49	0.11	S
18803	10.151	0.037	8.912	0.022		1.057	0.034	T	1.02	0.03	L	8.9187	0.0019	0.014	69		8.90	8.94		C			1							
18804	9.187	0.016	8.833	0.017		0.336	0.022	T	0.39	0.03	L	8.8781	0.0016	0.014	90		8.85	8.91					1							
18805	5.680	0.002	5.676	0.003	*	0.005	0.004	T	0.03	0.00	L *	5.6792	0.0005	0.004	115	*	5.67	5.69		D	04018+1000	I 1	2 C A	AC	58	0.733	0.007	2.39	0.02	S
18806	8.924	0.012	8.340	0.011		0.543	0.015	G	0.62	0.01	H	8.4020	0.0011	0.009	93		8.39	8.42		C			1							S
18807	9.508	0.017	9.307	0.019		0.200	0.015	G	0.22	0.02	H	9.3413	0.0019	0.017	128		9.31	9.37					1							
18808	8.224	0.011	8.069	0.012		0.149	0.015	T	0.16	0.01	L	8.0962	0.0013	0.010	73		8.08	8.11					1							
18809	8.126	0.008	7.687	0.008		0.420	0.015	G	0.49	0.02	H	7.7421	0.0011	0.010	121		7.72	7.76		C			1							S
18810	8.798	0.012	8.664	0.015		0.129	0.018	T	0.14	0.02	L	8.6930	0.0019	0.012	74		8.67	8.71					1							
18811	10.895	0.038	9.445	0.018		1.223	0.033	T	1.18	0.03	L	9.5032	0.0022	0.027	152		9.45	9.55		C			1							
18812	9.995	0.025	8.710	0.015		1.093	0.023	T	1.05	0.02	L	8.7728	0.0012	0.014	118		8.75	8.81		C			1							
18813	8.466	0.012	7.890	0.010		0.541	0.015	G	0.61	0.02	H	7.9517	0.0016	0.013	92		7.93	7.98		C			1							S
18814	8.601	0.012	8.239	0.012		0.366	0.001	G	0.43	0.00	H	8.3002	0.0012	0.013	84		8.27	8.32		C			1							
18815	10.982	0.066	9.114	0.023		1.553	0.055	T	1.57	0.06	L	9.1515	0.0019	0.015	74		9.11	9.18					1							
18816	8.893	0.014	7.400	0.008		1.256	0.013	T	1.21	0.01	L	7.4238	0.0017	0.013	85		7.40	7.44					1							S
18817	8.217	0.007	7.805	0.009		0.399	0.015	G	0.46	0.02	H	7.8538	0.0011	0.013	117		7.83	7.88		C			1							S
18818	8.180	0.012	7.871	0.016	*						T *	8.0737	0.0021	0.017	103	–	8.05	8.10		D	04020+6231	I 1	3 C B							S G
18819	8.429	0.009	8.393	0.011		0.033	0.013	T	0.05	0.01	L	8.4113	0.0012	0.013	116		8.39	8.44		C			1							S
18820	10.841	0.080	10.298	0.088		0.509	0.107	T	0.58	0.11	L	10.2373	0.0033	0.021	55		10.20	10.27		C			1							G
18821	9.282	0.013	8.608	0.011		0.613	0.013	T	0.68	0.01	L	8.6745	0.0017	0.018	160		8.65	8.71		C			1							S
18822	9.998	0.021	9.596	0.021		0.393	0.025	T	0.46	0.03	L	9.6476	0.0020	0.025	140		9.59	9.69					1							
18823	10.369	0.043	9.466	0.032		0.802	0.040	T	0.83	0.03	L	9.5913	0.0026	0.025	63		9.55	9.63		C			1							
18824	7.787	0.018	7.077	0.016	A	0.628	0.004	G	0.70	0.00	H *	6.8645	0.0011	0.009	130	*	6.85	6.88		D	04021−3429	I 1	2 C A	AB	80	1.358	0.004	0.70	0.01	S
18825	11.289	0.060	9.335	0.018		1.621	0.050	T	1.64	0.05	L	9.2692	0.0022	0.018	89		9.25	9.30		C			1							
18826	9.723	0.020	8.569	0.013		0.991	0.019	T	0.97	0.01	L	8.6124	0.0016	0.013	82		8.59	8.63		C			1							
18827	10.455	0.037	9.046	0.019		1.190	0.033	T	1.15	0.03	L	9.0784	0.0015	0.015	90		9.05	9.10		C			1							
18828	10.290	0.033	9.284	0.022		0.867	0.031	T	0.88	0.02	L	9.3382	0.0021	0.019	111		9.30	9.38		C			1							
18829	9.300	0.016	8.743	0.015		0.521	0.020	T	0.59	0.02	L	8.7912	0.0019	0.016	91		8.76	8.82		C			1							
18830	10.074	0.025	8.854	0.015		1.043	0.023	T	1.01	0.02	L	8.9196	0.0015	0.019	98		8.89	8.97					1							
18831	10.886	0.055	10.142	0.045		0.681	0.056	T	0.74	0.05	L	10.1465	0.0032	0.026	67		10.11	10.20		C			1							
18832	8.768	0.012	8.391	0.012		0.364	0.010	G	0.43	0.01	H	8.4345	0.0014	0.010	92		8.42	8.46		C			1							S
18833	8.343	0.013	7.873	0.014		0.456	0.015	T	0.53	0.02	L	7.9220	0.0008	0.008	62		7.91	7.93		D			1							S
18834	9.357	0.020	8.958	0.021		0.400	0.007	G	0.47	0.01	H	8.9926	0.0024	0.017	85		8.95	9.02		C			1 S							
18835	10.103	0.030	8.832	0.017		1.082	0.027	T	1.04	0.02	L	8.8857	0.0026	0.017	68		8.86	8.92		C			1							
18836	9.617	0.019	9.321	0.021		0.281	0.027	T	0.32	0.03	L	9.3077	0.0017	0.018	104		9.27	9.35		C			1 S							
18837	8.272	0.010	7.773	0.010		0.473	0.004	G	0.54	0.00	H	7.8378	0.0015	0.012	85		7.82	7.86		C			1							S
18838	8.304	0.011	7.953	0.009		0.333	0.013	T	0.39	0.02	L	7.9875	0.0023	0.025	82		7.96	8.05		U 2			1							
18839	8.272	0.007	7.673	0.006	*	0.566	0.015	G	0.64	0.01	H *	7.7239	0.0014	0.016	203	*	7.70	7.75		D	04024−2832	I 1	2 C A	AB	9	0.275	0.003	0.43	0.05	S
18840	9.357	0.026	8.700	0.023	*	0.610	0.030	T	0.68	0.03	L *	8.9220	0.0040	0.020	61	*	8.90	9.03		R 2	04024−0700	I 1	2 C A	AB	198	3.088	0.004	0.15	0.01	
18841	9.028	0.012	8.392	0.010		0.591	0.014	T	0.66	0.01	L	8.4458	0.0014	0.011	125		8.43	8.46		C			1							
18842	8.723	0.011	8.587	0.013		0.123	0.016	T	0.14	0.02	L	8.6347	0.0016	0.019	114		8.60	8.67		C			1							
18843	10.450	0.053	9.665	0.043		0.697	0.052	T	0.75	0.04	L	9.7022	0.0025	0.018	63		9.67	9.74					1							
18844	7.567	0.006	6.820	0.005		0.667	0.002	G	0.73	0.00	H	6.8721	0.0009	0.008	105		6.86	6.88			04025−6121	I 1	1 G							S
18845	10.490	0.039	10.014	0.041	A	0.511	0.107	G	0.58	0.11	R *	9.9709	0.0021	0.018	85	*	9.94	10.01		D	04025+4601	M 1	2 C A	AB	134	1.219	0.035	1.90	0.06	G
18846	9.487	0.029	9.142	0.035	*	0.327	0.042	T	0.38	0.06	L *	9.2731	0.0019	0.016	88	*	9.25	9.31		D	04025+4824	I 1	2 C A	AB	90	4.179	0.016	1.56	0.05	
18847	8.012	0.008	6.750	0.005		1.075	0.007	T	1.04	0.01	L	6.7939	0.0009	0.007	113		6.78	6.81					1							S
18848	8.877	0.010	8.698	0.012		0.171	0.015	T	0.19	0.01	L	8.7101	0.0019	0.017	121		8.68	8.73					1							
18849	10.619	0.052	10.101	0.052		0.486	0.066	T	0.56	0.07	L	10.1374	0.0024	0.020	62		10.09	10.16		C			1							G
18850	6.946	0.006	6.917	0.007		0.029	0.002	G	0.05	0.00	H	6.9320	0.0014	0.009	74		6.92	6.95		C			1							S
18851	8.063	0.010	7.780	0.010		0.260	0.015	G	0.29	0.02	H	7.7971	0.0019	0.016	82		7.77	7.82		M			1							S
18852	10.702	0.047	10.235	0.049		0.440	0.062	T	0.51	0.07	L	10.2908	0.0031	0.024	90		10.25	10.33		C			1							G
18853	8.547	0.009	7.957	0.008		0.546	0.015	G	0.62	0.01	H	8.0286	0.0018	0.012	120		8.00	8.06		C			1							S
18854	9.319	0.022	8.735	0.020		0.545	0.026	T	0.62	0.02	L	8.8232	0.0017	0.017	70		8.80	8.86		C			1							
18855	10.836	0.055	10.108	0.044		0.668	0.056	T	0.73	0.05	L	10.1414	0.0036	0.023	65		10.11	10.18		C			1							
18856	11.929	0.151	10.865	0.084	*	0.922	0.131	T	0.92	0.10	L *	10.8161	0.0039	0.032	91	*	10.76	10.86		C	04025+0638	H 1	2 C A	AB	100	0.267	0.034	0.44	0.54	G
18857	9.261	0.014	8.576	0.012		0.621	0.014	T	0.69	0.01	L	8.6537	0.0018	0.018	125		8.62	8.69					1							S
18858	8.626	0.010	8.513	0.011		0.110	0.014	T	0.12	0.01	L	8.5498	0.0018	0.017	140		8.52	8.58					1							
18859	6.000	0.003	5.441	0.003		0.516	0.007	G	0.58	0.02	A	5.4938	0.0007	0.009	108		5.48	5.51		M			1							S
18860	10.657	0.035	8.770	0.013		1.601	0.031	T	1.61	0.10	O	8.7113	0.0017	0.017	103		8.67	8.75					1							
18861	9.321	0.016	7.574	0.008		1.457	0.014	T	1.46	0.02	L	7.5347	0.0016	0.012	107		7.51	7.56					1							S
18862	10.239	0.025	9.992	0.030		0.310	0.015	G	0.36	0.02	H	9.9467	0.0028	0.023	133		9.91	9.98		C			1							G
18863	6.976	0.004	6.934	0.005		0.031	0.001	G	0.05	0.00	H	6.9502	0.0010	0.009	123		6.94	6.97		C			1							S
18864	9.526	0.029	8.810	0.025		0.644	0.015	G	0.71	0.01	H	8.8705	0.0023	0.014	56		8.85	8.89		C			1							
18865	9.734	0.021	8.412	0.012		1.170	0.015	G	1.13	0.01	H	8.4495	0.0018	0.013	92		8.42	8.47		D			1 S							
18866	10.784	0.037	9.606	0.022		1.000	0.020	G	0.98	0.02	H	9.7314	0.0019	0.025	138		9.69	9.78					1							
18867	8.867	0.013	8.578	0.014		0.250	0.020	G	0.28	0.03	H	8.6443	0.0012	0.013	109		8.62	8.67		C			1							
18868	8.335	0.014	8.192	0.016		0.138	0.020	T	0.15	0.02	L	8.2099	0.0019	0.010	51		8.16	8.23					1							S
18869	11.155	0.059	10.665	0.062		0.461	0.078	T	0.53	0.08	L	10.7041	0.0035	0.028	97		10.65	10.75		C			1							G
18870	8.048	0.006	7.461	0.005		0.543	0.005	G	0.62	0.01	H	7.5200	0.0009	0.011	222		7.50	7.54		C			1							S
18871	7.584	0.006	7.558	0.007		0.024	0.008	T	0.04	0.01	L	7.5701	0.0009	0.009	150		7.55	7.59		C			1							S
18872	8.346	0.010	7.977	0.009		0.323	0.003	G	0.37	0.00	H	8.0306	0.0013	0.013	124		8.01	8.05		C			1 S							S
18873	8.776	0.011	8.465	0.012	A	0.000	0.495	G	0.26	0.04	L *	8.4609	0.0013	0.013	101	*	8.43	8.49		D	04027+4700	I 1	2 C A	AB	276	1.483	0.017	2.29	0.05	
18874	10.463	0.027	9.010	0.014		1.225	0.024	T	1.18	0.02	L	9.0153	0.0020	0.015	114		8.99	9.05		C			1							
18875	8.391	0.008	7.025	0.005		1.157	0.007	T	1.12	0.01	L	7.0670	0.0008	0.008	147		7.05	7.08		C			1							S
18876	9.403	0.017	8.165	0.011		1.057	0.016	T	1.02	0.01	L	8.2190	0.0013	0.013	113		8.20	8.24		C			1							
18877	10.521	0.040	9.745	0.032		0.678	0.002	G	0.74	0.00	H	9.8084	0.0020	0.021	74		9.78	9.84		C			1							
18878	8.782	0.011	8.476	0.012		0.291	0.015	T	0.33	0.02	L	8.5147	0.0022	0.017	92		8.49	8.55					1							S
18879	8.856	0.011	8.485	0.011	*	0.389	0.015	G	0.45	0.02	H *	8.5145	0.0014	0.018	171	*	8.48	8.55		D	04028−3115	H 1	2 C S A	AB	47	0.144	0.018	1.06	0.57	S
18880	9.756	0.020	8.329	0.011		1.360	0.015	G	1.33	0.02	H	8.2892	0.0009	0.015	142		8.27	8.32					1							
18881	10.107	0.027	8.486	0.013		1.357	0.024	T	1.32	0.03	L	8.4780	0.0017	0.015	94		8.45	8.50		C			1							
18882	9.584	0.018	8.092	0.010		1.256	0.016	T	1.21	0.02	L	8.1258	0.0016	0.013	98		8.10	8.15		C			1							S
18883	8.035	0.013	7.598	0.017	*	0.414	0.003	G	0.48	0.00	H *	7.7842	0.0017	0.012	91	*	7.77	7.81		D	04029−5935	I 1	2 C A	AB	104	1.891	0.003	0.32	0.01	S
18884	7.674	0.006	7.376	0.006	*	0.283	0.007	T	0.32	0.01	L *	7.4127	0.0013	0.010	103	*	7.40	7.43		D	04029+6225	H 1	2 C A	AB	177	0.394	0.012	2.45	0.07	S
18885	7.748	0.007	7.568	0.007		0.165	0.009	T	0.18	0.01	L	7.6075	0.0012	0.013	115		7.59	7.63		C			1 S							S
18886	10.105	0.021	9.872	0.025		0.180	0.015	G	0.20	0.02	H	9.9292	0.0020	0.021	120		9.90	9.96		C			1							G
18887	7.734	0.008	7.376	0.008		0.353	0.001	G	0.41	0.00	H	7.4348	0.0009	0.009	103		7.42	7.45		C			1							S
18888	8.902	0.013	8.187	0.011		0.648	0.002	G	0.71	0.02	A	8.2537	0.0018	0.014	95		8.23	8.28					1							S
18889	10.470	0.030	8.784	0.013		1.408	0.026	T	1.39	0.03	L	8.7495	0.0023	0.019	115		8.72	8.79					1							
18890	10.365	0.033	9.871	0.034		0.465	0.043	T	0.54	0.05	L	9.8894	0.0026	0.020	80		9.86	9.92					1 S							
18891	9.666	0.022	9.039	0.019		0.583	0.025	T	0.65	0.02	L	9.0550	0.0017	0.014	91		9.02	9.08					1 S							S
18892	9.418	0.017	8.899	0.016		0.487	0.021	T	0.56	0.02	L	8.9286	0.0018	0.014	124		8.90	8.95		C			1							
18893	7.463	0.005	6.967	0.004		0.466	0.006	T	0.54	0.01	L	7.0116	0.0008	0.006	103		7.00	7.03					1							S
18894	8.533	0.010	7.074	0.006		1.230	0.009	T	1.19	0.01	L	7.1145	0.0011	0.010	118		7.10	7.13					1							S
18895	10.320	0.031	10.074	0.037		0.190	0.015	G	0.21	0.02	H	10.1589	0.0028	0.026	105		10.12	10.20		C			1							G
18896	9.550	0.022	9.082	0.022		0.441	0.028	T	0.51	0.03	L	9.1729	0.0029	0.019	70		9.14	9.21		C			1							
18897	9.966	0.032	9.207	0.025	A	0.692	0.032	T	0.75	0.03	L	9.1795	0.0762	0.080	65	A	9.08	9.27		D	04031−1509	I 2	1 C P C							
18898	9.402	0.015	7.747	0.008		1.384	0.013	T	1.36	0.02	L	7.7571	0.0013	0.011	103		7.74	7.78					1							S
18899											T	10.3639	0.1728			B				D	04031−1509	I 2	1 C L C							
18900	9.059	0.015	8.846	0.017		0.170	0.015	G	0.19	0.01	H	8.8977	0.0017	0.014	93		8.88	8.93					1							

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α (ICRS) deg (8)	δ deg (9)	(10)	π mas (11)	$\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	σ α* mas (14)	σ δ mas (15)	σ π mas (16)	σ $\mu_{\alpha*}$ mas/yr (17)	σ μ_δ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	F1 % (29)	F2 (30)
18901		04 03 04.72	−44 35 31.2	8.74		H	60.769 668 33	−44.591 988 69		5.59	97.85	−10.61	0.73	0.82	0.92	0.86	0.96	+5	−13	−8	−5	−13	+2	−11	−6	−10	+15	0	1.19
18902		04 03 06.56	+14 29 00.5	8.48		G	60.777 338 66	+14.483 463 75		5.70	22.78	−14.60	1.25	0.81	1.42	1.36	1.02	+12	+47	−3	−22	+7	−9	−9	−10	−34	+1	0	0.98
18903		04 03 06.61	+41 55 55.5	7.86		H	60.777 553 82	+41.932 075 13		2.21	−2.39	−0.67	0.79	0.57	1.04	0.90	0.68	+16	+7	−34	−16	−15	+29	−8	+2	+1	+26	2	1.51
18904		04 03 08.16	+50 36 17.5	8.94		H	60.784 019 35	+50.604 857 54		8.17	19.62	−21.85	1.07	0.78	1.36	1.14	1.10	−15	+40	−36	+17	+9	−9	−9	+47	−32	+13	0	1.93
18905		04 03 08.44	−20 30 14.8	8.68		H	60.785 164 31	−20.504 113 99		7.39	−9.99	1.90	0.91	0.88	1.30	1.00	1.12	−4	+19	−37	−36	+39	−21	+29	+17	−13	+25	0	1.18
18906		04 03 08.97	−39 21 52.3	7.54		H	60.787 391 78	−39.364 537 99		2.71	14.30	15.44	0.50	0.56	0.67	0.57	0.61	+3	−3	−2	−2	−7	−1	−6	−5	−4	+13	0	−0.19
18907		04 03 09.38	+05 59 21.5	3.91		H	60.789 070 03	+05.989 309 09		25.24	5.52	−1.63	0.80	0.46	0.87	0.86	0.71	+26	+48	+14	+7	−14	+23	−22	−3	−3	+16	0	3.05
18908		04 03 09.55	+37 07 16.0	7.29		H	60.789 806 82	+37.121 120 72		7.35	17.53	18.51	0.74	0.52	0.88	0.90	0.71	+5	+28	−20	+23	+5	−9	−1	+43	−13	+13	0	2.12
18909		04 03 10.19	+18 40 07.6	9.00		H	60.792 461 59	+18.668 769 41		12.03	−2.04	−10.13	1.28	0.78	1.43	1.45	1.07	−1	+41	−6	−12	+6	−2	−9	−6	−35	−11	0	1.08
18910		04 03 10.36	−75 09 36.1	9.18		G	60.793 185 12	−75.160 023 24		9.74	44.92	10.11	0.65	0.78	0.77	0.66	0.98	−6	+16	−20	−25	−3	+7	−1	−11	+6	−10	0	1.22
18911	H	04 03 10.58	+08 52 57.5	6.65	1	G	60.794 080 26	+08.882 628 74	*	5.04	9.78	6.49	0.82	0.48	0.88	1.00	1.00	+29	+22	+11	+5	−12	+1	−21	+8	+17	+44	0	0.51
18912		04 03 10.86	+38 03 17.3	7.84	1	H	60.795 265 47	+38.054 809 31		6.90	−9.47	0.34	0.80	0.58	0.99	0.83	0.80	+18	+40	−23	+10	+20	−2	+9	+43	−7	+49	0	1.50
18913		04 03 11.16	+78 12 10.1	6.98		H	60.796 510 77	+78.202 809 90		5.37	−8.05	−17.65	0.43	0.55	0.62	0.46	0.68	+1	+19	+13	−2	−6	+2	−8	+14	+3	+4	1	−0.47
18914		04 03 12.99	+34 50 00.6	7.61	2	H	60.804 138 00	+34.833 512 63		2.42	15.50	−20.49	0.85	0.63	1.06	1.23	0.96	+18	−14	−36	+22	−2	+6	−5	+37	−2	+32	0	−0.27
18915		04 03 13.76	+35 16 35.7	8.51		G	60.807 337 64	+35.276 594 65		54.14	1732.49	−1365.50	0.92	0.58	1.08	1.25	0.91	+1	+14	−20	+0	+1	+3	−4	+35	−11	+13	0	0.00
18916		04 03 14.36	+72 49 44.5	7.92		H	60.809 819 85	+72.829 028 26		5.79	71.73	−28.39	0.46	0.61	0.81	0.52	0.75	−22	+8	−3	−2	+12	−1	+14	−2	+19	−25	3	−1.73
18917		04 03 15.77	−21 25 03.0	7.63		H	60.815 706 02	−21.417 497 11		7.58	5.51	26.35	0.73	0.74	1.06	0.87	1.04	−2	+26	−24	+0	+25	−11	+25	+13	−4	+5	0	−0.50
18918		04 03 18.09	−22 48 54.2	10.36		G	60.825 361 70	−22.815 055 28		24.81	8.51	−158.19	1.24	1.38	1.85	1.61	1.99	−2	+6	−3	−26	+50	−3	+47	+29	−5	+10	0	2.21
18919		04 03 18.41	−02 21 45.0	8.21		H	60.826 719 63	−02.362 489 57		2.00	26.69	2.79	0.94	0.76	1.08	1.54	1.78	+47	+17	+20	−11	−29	−11	−32	−33	−15	+59	0	1.61
18920		04 03 18.97	+33 41 09.4	9.97		H	60.829 045 39	+33.685 933 66		−0.15	−0.55	−3.56	1.30	0.75	1.64	1.71	1.53	+3	+20	−7	+5	+14	+15	−3	+40	+9	+49	0	−0.55
18921		04 03 19.03	+03 04 39.5	7.15		H	60.829 297 17	+03.077 652 12		8.54	−12.60	18.41	0.96	0.62	0.97	1.00	0.90	+30	+44	+12	+38	+21	+3	+17	+51	−8	+21	0	0.83
18922		04 03 21.22	+03 11 16.1	7.08		H	60.838 423 23	+03.187 804 28		3.06	0.98	6.67	0.90	0.63	0.93	1.03	0.92	+35	+31	+4	+34	+22	−1	+22	+50	−10	+20	0	1.01
18923		04 03 22.12	+48 50 27.2	6.97	1	H	60.842 169 00	+48.840 896 64		8.71	−3.02	−16.65	0.66	0.52	0.81	0.74	0.72	+4	+14	−19	+12	+12	−3	+10	+35	−23	+10	0	1.65
18924		04 03 24.10	−10 33 14.3	8.16		H	60.850 423 68	−10.553 961 38		0.74	1.71	3.84	0.86	0.77	1.04	1.19	1.06	+29	+1	−21	−17	+1	+12	+3	+0	−15	+31	0	0.66
18925		04 03 24.56	+48 13 35.1	9.00		H	60.852 332 65	+48.226 419 71		0.64	12.52	−14.95	0.90	0.70	1.18	1.10	1.07	+1	+22	−16	+11	+1	+4	−4	+24	−24	+9	4	−1.12
18926		04 03 24.75	−20 08 37.7	6.47		H	60.853 113 96	−20.143 792 71		3.41	−0.20	−1.40	0.60	0.55	0.81	0.67	0.69	−9	+17	−21	−23	+32	−5	+32	+11	−7	−1	0	−0.26
18927		04 03 25.75	+13 56 33.7	9.72		H	60.857 302 24	+13.942 701 65		4.07	−1.72	−8.51	1.47	1.08	1.67	1.70	1.40	+15	+24	−20	−14	−3	+19	−1	−8	−8	+19	0	−1.26
18928		04 03 26.40	−39 22 42.1	9.02	2	H	60.860 006 66	−39.378 352 83		1.24	−6.44	17.09	0.68	0.77	0.91	0.80	0.87	−3	+9	−9	−6	−12	+2	−12	−4	−12	+1	0	0.16
18929		04 03 27.98	−52 30 20.4	8.41	1	G	60.866 599 97	−52.505 677 42		3.25	−0.52	3.27	0.64	0.66	0.73	0.70	0.76	−7	+12	−12	−11	+0	+1	+2	−8	+10	−16	0	−0.29
18930		04 03 28.69	−47 45 12.9	9.34		G	60.869 538 92	−47.753 587 91		7.94	26.60	−6.33	0.86	0.83	0.99	1.06	1.02	−1	+7	−16	−7	+1	+11	+2	−3	+1	+5	0	−1.96
18931		04 03 28.92	−24 27 36.1	7.24	2	H	60.870 515 19	−24.460 022 85	*	4.93	10.75	−25.79	0.46	0.54	0.91	0.56	0.73	−29	−2	+3	−25	+14	+3	+9	−10	−2	−25	0	0.78
18932		04 03 28.93	+57 42 49.0	7.98		H	60.870 546 60	+57.713 603 98		3.94	−5.83	−1.05	0.68	0.63	0.90	0.92	0.90	+0	+12	−14	+27	−19	+16	−19	+30	+0	+4	0	−0.48
18933		04 03 29.15	−44 08 16.1	8.03		G	60.871 444 54	−44.137 792 79		1.12	6.37	14.67	0.69	0.74	0.86	0.78	0.87	+3	−14	−2	−4	−8	−3	−9	−1	+4	+11	0	−0.22
18934		04 03 31.16	−26 28 52.6	8.82		H	60.879 823 87	−26.481 288 77		3.90	−6.32	−23.36	0.75	0.85	1.33	0.95	1.18	−22	+24	−1	−1	+0	−13	+6	+20	+22	−26	0	−1.11
*18935	H	04 03 31.28	+42 10 55.4	7.90		H	60.880 348 04	+42.182 048 63	A	1.27	−4.92	0.73	1.38	0.98	1.43	1.74	1.29	−1	+0	−3	+12	−39	+20	−31	+27	+19	−14	2	−0.19
*18936		04 03 31.20	+81 34 36.4	7.67		H	60.879 987 72	+81.576 780 40		10.54	−23.63	−45.63	0.56	0.59	0.74	0.56	0.73	−10	+34	−8	−13	+1	−9	+6	−8	+18	−16	0	−0.69
18937		04 03 31.95	+12 53 56.0	8.90		H	60.883 133 43	+12.898 892 37		1.59	7.63	−1.96	1.24	0.85	1.37	1.42	1.06	+15	+2	−26	+13	−5	−11	−11	+6	−17	+7	0	0.58
18938		04 03 32.51	+64 14 32.6	8.68		H	60.885 473 47	+64.242 393 24		3.37	−1.41	−9.59	0.65	0.76	1.15	0.78	1.00	−12	+8	−22	+7	−24	+12	−24	+1	+1	−6	1	0.95
18939		04 03 33.89	−25 50 52.4	6.57	1	H	60.891 194 99	−25.847 882 29		2.29	−17.24	−5.21	0.41	0.51	0.78	0.53	0.73	−12	+3	−3	+4	+3	−3	+4	+10	+16	−15	0	0.09
18940		04 03 34.85	+81 13 35.3	7.71		H	60.895 223 09	+81.226 481 21		3.73	9.96	−15.62	0.56	0.57	0.70	0.63	0.72	−11	+23	−9	−28	+3	+8	+5	−13	+7	−11	0	0.26
18941		04 03 36.39	−36 10 40.9	10.52		H	60.901 629 25	−36.178 018 26		6.43	−57.31	−105.12	1.11	1.29	1.53	1.21	1.52	−13	−6	+1	−30	+11	+1	+15	−44	−9	+4	0	0.38
18942		04 03 36.77	−20 09 31.3	7.01		G	60.903 228 95	−20.158 680 68		7.02	10.19	−29.07	0.67	0.60	0.88	0.74	0.81	−4	+11	−22	−28	+29	−6	+30	+16	−6	+5	0	−2.07
18943		04 03 37.30	+24 56 46.7	8.69		H	60.905 396 75	+24.946 311 90		4.64	−10.66	−34.27	1.14	0.88	1.30	1.58	1.43	+39	+7	−24	−17	−22	+23	−22	−11	+24	+67	0	0.11
18944		04 03 37.98	−51 55 49.7	8.20		G	60.908 247 51	−51.930 464 71		19.98	−68.46	−153.62	0.58	0.63	0.67	0.64	0.75	−6	+15	−1	−1	+5	+0	+5	−14	+5	−11	0	−0.91
18945		04 03 38.88	+34 49 51.6	9.74		G	60.911 996 32	+34.831 007 79		3.82	−0.88	−6.66	1.36	0.79	1.70	2.16	1.52	+3	+10	−20	+2	+2	+18	−4	+42	−15	+21	0	−1.23
*18946		04 03 38.96	+19 27 18.3	10.12		H	60.912 352 80	+19.455 093 59		23.07	119.02	−34.19	1.89	1.32	2.12	2.32	1.81	+9	+29	−6	+6	−2	−21	−10	+6	−23	+16	0	2.39
*18947		04 03 38.92	+06 47 34.6	9.71		H	60.912 181 83	+06.792 936 87		5.31	18.01	−11.16	1.71	0.78	1.73	1.84	1.47	+19	+37	+20	+16	−13	−9	−22	+26	−3	+6	0	0.37
18948		04 03 38.97	+52 07 30.2	9.66		H	60.912 378 21	+52.125 058 98		−0.24	−0.89	−2.74	1.28	1.01	1.55	1.66	1.33	−31	+28	−13	+35	−37	+15	−35	+42	−5	−38	8	−1.31
*18949		04 03 39.43	−77 54 56.2	8.78		H	60.914 277 00	−77.915 608 81		4.99	−0.61	−1.16	0.63	0.65	0.68	0.66	0.79	−10	+16	−13	−5	−9	−11	−11	+30	−10	−12	0	0.83
*18950		04 03 39.40	−47 51 42.9	6.62		H	60.914 164 99	−47.861 918 62		7.53	−9.40	12.99	0.52	0.50	0.60	0.63	0.60	−15	+14	−14	−13	−2	+20	+1	−4	+6	−7	0	1.51
18951		04 03 39.81	−24 52 32.1	8.76		H	60.915 894 98	−24.875 588 17		1.45	15.86	1.25	0.59	0.80	1.20	0.74	0.98	−16	+8	−4	−12	+7	−8	+11	−0	+6	−22	1	1.17
18952		04 03 40.50	−52 55 44.3	7.51		G	60.918 741 06	−52.928 970 13		12.11	64.03	7.20	0.53	0.57	0.62	0.58	0.63	−7	+13	−18	−2	−3	−6	−3	−4	+11	−15	0	−0.94
18953		04 03 43.19	+05 42 59.8	9.25		H	60.929 947 36	+05.716 623 75		1.73	−4.88	0.64	1.39	0.71	1.49	1.78	1.43	+35	+40	+19	−8	−13	+9	−25	+3	−13	+29	5	2.23
18954		04 03 44.13	+81 52 30.6	7.22		H	60.933 857 44	+81.875 165 29		5.84	59.87	−77.34	0.56	0.55	0.73	0.52	0.64	−13	+38	−19	−8	+2	−8	+8	+4	+19	−10	0	−1.20
18955		04 03 44.16	+22 56 39.8	9.68		H	60.933 999 14	+22.944 393 35		6.13	19.18	−45.37	1.33	0.91	1.42	1.70	1.28	−2	+18	−4	−12	+10	−10	+6	−1	−21	−3	0	−0.06
18956		04 03 44.38	−37 04 12.7	7.16		H	60.934 902 46	−37.070 198 06		7.32	−4.90	−42.46	0.47	0.51	0.64	0.55	0.60	−6	+4	−6	−16	+11	−10	+9	−6	−3	+15	0	2.26
18957		04 03 44.60	+05 26 08.3	5.32	1	H	60.935 849 28	+05.435 637 54		3.12	1.23	−5.40	0.86	0.52	0.96	1.17	0.88	+36	+31	+27	−2	+15	+20	+18	+24	−29	−17	0	2.73
*18958	H	04 03 45.16	−44 28 53.3	8.48		G	60.938 172 53	−44.481 473 51	*	14.31	−68.22	−84.70	1.57	2.21	1.03	0.92	1.05	+8	−13	−4	−13	−6	−7	−4	−24	+12	+8	3	−0.13
*18959		04 03 45.15	−44 43 58.8	7.64		G	60.938 132 63	−44.732 991 55		7.63	2.57	19.81	0.52	0.64	0.69	0.60	0.68	+5	−5	−1	−14	−14	+27	−14	−9	+13	+12	0	0.35
18960		04 03 45.43	−31 03 16.3	9.32		H	60.939 311 34	−31.054 524 07		6.73	107.71	−20.25	0.71	0.94	1.28	0.90	1.23	−11	+3	−2	+9	−8	+11	−5	−2	+12	+9	0	0.82
18961		04 03 46.29	−31 20 31.8	9.13		H	60.942 876 35	−31.342 166 77		4.11	17.89	5.55	0.75	0.94	1.30	0.89	1.13	−9	+24	+0	+2	−7	+14	−9	−4	−10	+6	0	0.82
18962		04 03 48.17	+51 53 53.8	8.91		H	60.950 704 23	+51.898 273 89		2.56	11.35	−15.27	1.02	0.79	1.31	1.31	1.03	−24	+28	−26	+35	−33	+14	−30	+42	−4	−34	2	0.59
18963	H	04 03 48.41	+37 58 19.9	7.62		G	60.951 701 83	+37.972 184 30	A	6.05	−12.92	−12.71	1.88	1.26	2.11	1.95	1.79	+7	+28	−17	+9	+21	−2	+9	+43	−17	+44	0	0.11
18964		04 03 48.91	−61 03 22.6	10.69		G	60.953 780 08	−61.056 270 42		14.12	124.24	151.92	1.07	1.12	1.20	1.10	1.22	+2	+9	+8	−29	+19	−4	+12	−10	−13	+39	1	−0.70
18965		04 03 50.66	+29 11 52.9	8.18		H	60.961 090 84	+29.198 028 64		28.44	247.71	−128.33	0.94	0.55	1.12	1.00	0.80	+22	+43	+14	+25	−9	−18	−20	+38	−27	+9	0	0.66
18966		04 03 51.16	+53 16 39.8	7.82		H	60.963 163 72	+53.277 717 57		9.19	24.44	−79.04	0.76	0.62	0.93	0.87	0.81	−11	+22	−4	+26	−16	−3	−13	+40	+10	−18	0	0.46
18967		04 03 51.97	+36 11 00.5	10.26		H	60.966 550 27	+36.183 481 02		5.05	1.90	−6.19	1.65	0.87	1.86	2.08	1.37	−22	+26	−19	+16	−15	+1	−19	+38	−12	−19	0	2.05
18968		04 03 52.44	+02 34 40.2	10.84		H	60.968 491 41	+02.577 843 12		4.53	−1.14	−10.83	1.90	1.17	2.07	2.16	2.02	+36	+40	+16	+18	+15	−3	+11	+32	−6	+36	0	−0.74
18969		04 03 52.96	−55 23 59.6	7.65		H	60.970 654 83	−55.399 883 73		7.45	−10.69	−3.69	0.52	0.59	0.61	0.59	0.64	+2	+2	−30	−1	−18	+12	−16	−8	+10	+0	3	1.68
18970		04 03 53.24	−80 53 24.8	8.30		H	60.971 837 71	−80.890 231 81		3.11	18.53	64.05	0.59	0.66	0.67	0.60	0.90	−9	+20	−16	−18	+6	−10	+6	−18	+1	−10	0	−0.43
18971		04 03 53.56	+33 56 56.8	10.38		G	60.973 173 99	+33.949 110 74		1.68	9.26	−3.52	1.62	0.87	2.07	2.28	1.92	−1	+22	−5	+6	+13	+14	−7	+42	+1	+45	2	0.15
18972		04 03 54.32	+28 07 33.7	8.05	3	H	60.976 315 96	+28.126 016 07		3.32	0.14	−17.55	0.88	0.63	1.12	1.20	0.99	+41	+16	−13	+7	+0	−15	−1	+39	−41	+19	4	0.74
18973		04 03 55.05	+39 44 21.0	10.71		G	60.979 354 51	+39.739 165 14		4.55	274.53	−206.29	1.64	1.16	2.01	2.26	1.77	+18	+5	−30	−1	+8	+7	+3	+38	−3	+34	0	−0.18
18974		04 03 55.09	−00 43 10.3	9.37		H	60.979 536 76	−00.719 518 72		4.11	11.18	−8.63	1.11	0.90	1.33	1.71	2.00	+55	+17	+3	+13	−7	+7	−4	−10	+22	+69	0	0.96
18975		04 03 56.51	+08 11 49.9	5.45		H	60.985 437 87	+08.197 201 35		27.80	168.35	27.98	0.91	0.47	0.95	1.00	0.86	+41	+41	+20	−24	−22	+3	−24	−4	+11	+38	0	2.32
18976		04 03 58.04	+21 04 15.4	8.02		H	60.991 812 92	+21.070 937 88		8.29	21.51	−10.62	1.03	0.80	1.29	1.24	0.99	+0	+37	−50	+2	−32	+19	−23	−16	+7	+46	0	1.13
18977		04 03 58.67	−06 03 06.5	7.84		H	60.994 456 56	−06.051 814 56		5.95	34.13	−10.30	0.77	0.64	0.97	0.96	0.96	+28	+40	−5	+16	+6	−16	−1	+26	−11	+38	0	−0.38
*18978		04 03 59.09	−36 06 40.0	9.99		H	60.996 193 09	−36.111 102 55		3.23	−10.33	2.16	0.96	1.23	1.38	1.05	1.43	−15	−3	+1	−27	+12	−2	+16	−45	−8	+1	0	0.23
*18979		04 03 59.12	+43 59 19.5	7.71		H	60.996 340 50	+43.988 749 85		7.23	−23.43	−1.70	0.72	0.54	0.87	0.75	0.70	+12	+34	−10	+15	+8	+2	+2	+29	−5	+37	0	0.77
*18980		04 03 58.99	+79 03 09.1	8.58		H	60.995 804 97	+79.052 530 96		2.28	0.24	5.63	0.65	0.70	0.90	0.64	0.85	−2	+23	+13	+0	+4	+14	+8	+23	+25	+2	0	−0.89
18981		04 04 00.79	−62 47 09.7	8.84		H	61.003 284 73	−62.786 028 66		1.84	9.49	8.39	0.71	0.72	0.76	0.68	0.80	−1	+12	−8	−45	+9	+1	+3	−10	−3	+20	0	0.43
18982		04 04 01.28	−71 23 58.6	8.90		H	61.005 331 99	−71.399 606 15		2.42	7.05	−1.62	0.73	0.76	0.80	0.97	0.91	+7	−10	−6	−8	+11	+20	+8	+14	−1	+24	0	0.34
18983		04 04 02.05	+03 50 26.4	8.00		H	61.008 555 62	+03.840 669 68		5.30	−0.02	−8.54	1.00	0.61	1.01	1.24	0.97	+32	+38	+19	+15	+13	+0	+20	+44	−9	−5	2	0.36
18984		04 04 02.11	−31 46 43.6	8.86		H	61.008 789 47	−31.778 789 15		6.94	−2.44	−71.89	0.72	0.84	1.16	0.79	1.01	−12	+13	−2	−2	−1	+14	−6	+14	−7	+9	1	0.89
18985		04 04 02.23	−04 36 01.9	7.28	1	H	61.009 291 76	−04.600 515 67		1.13	6.44	−1.41	0.80	0.60	0.96	0.91	0.83	+29	+42	+17	+19	+7	+11	−3	+12	−18	+16	0	2.58
18986	H	04 04 06.99	+39 30 35.8	7.13		G	61.029 106 99	+39.509 956 71	A	27.42	144.21	−97.59	1.50	1.24	1.46	1.57	1.36	+34	−14	−17	+46	+33	+11	+33	+66	−2	+43	1	−1.18
18987		04 04 06.99	+37 36 39.7	8.58		G	61.029 118 09	+37.611 018 21		13.95	89.57	26.56	0.89	0.58	1.11	0.97	0.82	+5	+36	−15	+10	+1	−11	−8	+31	−7	+22	0	0.29
18988		04 04 07.17	+04 05 42.1	11.06		H	61.029 857 56	+04.095 025 11		0.38	0.29	−15.88	2.68	1.47	2.73	3.40	2.58	+38	+35	+28	+9	+8	−7	+21	+42	+10	+7	5	−0.26
18989	H	04 04 08.38	+49 48 52.6	9.31		G	61.034 911 76	+49.814 605 00	A	4.34	−9.13	−8.04	2.04	1.54	2.24	2.43	2.07	−33	+22	−28	+24	−18	−9	−23	+43	−20	−36	0	0.63
18990		04 04 08.65	−16 35 18.9	6.36		H	61.036 043 10	−16.588 578 27		7.20	93.93	−61.63	0.69	0.53	0.80	0.68	0.62	+0	+32	−17	+39	+21	+2	+22	+42	−6	+3	2	1.69
18991		04 04 09.12	−38 07 32.3	9.02		H	61.037 980 83	−38.125 627 64		2.73	18.19	10.91	0.72	0.86	1.01	0.76	0.95	−7	−12	−2	−13	+20	−9	+21	−11	−6	+16	4	−0.05
18992		04 04 09.70	−01 10 30.3	7.94		G	61.040 430 84	−01.175 078 24		8.89	48.05	5.84	0.81	0.65	1.02	1.23	1.40	+57	+19	+9	−6	−19	+2	−17	−21	+23	+58	5	2.18
18993		04 04 09.79	+02 49 38.1	5.36		H	61.040 781 84	+02.827 252 58		28.87	149.52	−125.67	0.79	0.51	0.82	0.84	0.75	+35	+36	+11	+32	+24	−3	+21	+49	−19	+16	0	1.24
18994		04 04 09.95	+42 31 39.2	8.19		G	61.041 438 79	+42.527 566 45		14.21	180.81	63.31	0.91	0.71	1.24	1.25	1.05	+15	+20	−40	−11	−10	+4	−13	+4	−2	+50	0	2.05
18995		04 04 10.95	+23 24 28.1	8.20		H	61.045 626 97	+23.407 810 53		4.39	90.45	−116.79	1.33	0.81	1.25	1.86	1.24	−22	−4	−3	−47	+37	+10	+41	−14	−36	−36	0	−0.66
18996		04 04 11.96	+25 23 57.1	8.62	2	H	61.049 835 47	+25.399 193 27		1.38	−11.90	−53.08	1.16	0.86	1.36	1.68	1.35	+32	+11	−28	−29	−26	+27	−23	−18	+30	+62	0	−0.11
18997		04 04 12.88	−58 57 11.1	8.03		G	61.053 656 26	−58.953 075 71		8.19	53.25	62.30	0.63	0.65	0.71	0.69	0.74	−8	+21	−16	−13	+18	−21	+15	−6	−3	+9	0	−0.21
18998		04 04 12.99	+15 01 36.9	8.01		H	61.054 109 37	+15.026 917 46		3.54	−4.11	−22.96	1.05	0.74	1.17	1.26	0.90	+19	+34	−8	−14	+3	−12	−5	−1	−25	+6	0	0.62
18999		04 04 14.45	+43 02 18.2	8.71		H	61.060 221 96	+43.038 376 91		0.87	6.55	−7.74	1.08	0.66	1.22	0.99	0.75	+1	+44	−16	+6	−8	+18	−11	+15	−10	+14	0	0.99
19000		04 04 14.88	−13 50 42.6	8.68		H	61.061 993 12	−13.845 164 55		1.05	1.38	4.93	1.19	0.81	1.39	1.54	1.17	+5	+42	−22	−10	+19	+0	+8	+28	−30	+2	0	−1.32

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
18901	9.974	0.025	8.840	0.016		0.999	0.027	G	1.03	0.00	A	8.9094	0.0020	0.014	92		8.89	8.94		C			1							
18902	9.222	0.026	8.542	0.023		0.669	0.015	G	0.73	0.01	H	8.6128	0.0014	0.010	46		8.59	8.63		C			1							
18903	8.170	0.011	7.877	0.011		0.279	0.015	T	0.32	0.02	L	7.9309	0.0019	0.014	88		7.91	7.95					1							S
18904	9.181	0.017	8.956	0.019		0.210	0.015	G	0.23	0.02	H	9.0014	0.0018	0.017	84		8.98	9.03		C			1							
18905	8.836	0.012	8.684	0.014		0.138	0.017	T	0.15	0.02	L	8.7260	0.0016	0.016	104		8.70	8.75		C			1							S
18906	9.090	0.012	7.664	0.007		1.204	0.011	T	1.16	0.01	L	7.7000	0.0014	0.011	132		7.69	7.73		C			1							S
18907	3.956	0.002	3.903	0.002		0.032	0.004	G	0.03	0.02	A	3.9203	0.0005	0.004	90		3.91	3.93		C			1	S						S
18908	8.651	0.011	7.402	0.007		1.065	0.010	T	1.03	0.01	L	7.4563	0.0010	0.008	103		7.44	7.47		C			1							S
18909	9.757	0.032	9.038	0.027		0.647	0.032	T	0.71	0.03	L	9.1330	0.0022	0.014	52		9.11	9.15		C			1							
18910	9.882	0.020	9.225	0.018		0.610	0.015	G	0.68	0.01	H	9.3071	0.0019	0.021	121		9.27	9.33					1	S						
18911	8.832	0.011	6.774	0.005	*	1.064	0.197	G	1.03	0.16	R *	6.6825	0.0011	0.013	105	*	6.66	6.70		U 2	04032+0853	H 1	2 C S	A	AB	153	0.106	0.018	1.68	0.54	S
18912	7.903	0.009	7.841	0.010		0.056	0.012	T	0.07	0.01	L	7.8666	0.0021	0.015	96		7.85	7.89	3.90	P 1 A			1							Y
18913	8.323	0.009	7.092	0.006		1.051	0.008	T	1.02	0.01	L	7.1445	0.0008	0.009	135		7.13	7.16		C			1							S
18914	9.184	0.015	7.769	0.009		1.195	0.014	T	1.15	0.01	L	7.7786	0.0026	0.023	112		7.74	7.82		U 2			1							
18915						0.863	0.003	G	0.91	0.00	H	8.6392	0.0016	0.012	108		8.61	8.67					1							
18916	9.356	0.012	8.052	0.007		1.108	0.011	T	1.07	0.01	L	8.0916	0.0014	0.013	171		8.07	8.11					1							S
18917	8.809	0.014	7.731	0.009		0.933	0.013	T	0.93	0.01	L	7.7923	0.0020	0.014	88		7.77	7.83					1							S
18918	11.959	0.097	10.479	0.041		1.190	0.012	G	1.32	0.02	I	10.4879	0.0035	0.037	169		10.42	10.55					1							
18919	9.522	0.019	8.313	0.012		1.034	0.018	T	1.01	0.01	L	8.3815	0.0020	0.011	74		8.36	8.40		C			1							S
18920	10.284	0.024	10.002	0.028		0.270	0.015	G	0.30	0.02	H	10.0446	0.0020	0.018	137		10.01	10.08		C			1							G
18921	7.451	0.006	7.177	0.007		0.261	0.009	T	0.29	0.01	L	7.2241	0.0011	0.010	83		7.21	7.25		C			1							S
18922	9.281	0.016	7.269	0.007		1.667	0.014	T	1.69	0.01	L	7.1907	0.0012	0.011	87		7.17	7.22					1							S
18923	7.578	0.008	7.026	0.006		0.543	0.006	G	0.62	0.01	H	7.0842	0.0010	0.011	101		7.06	7.12		U 2			1							S
18924	10.182	0.032	8.333	0.013		1.537	0.027	T	1.59	0.06	L	8.2772	0.0013	0.015	78		8.25	8.30		D			1							
18925	9.097	0.015	8.970	0.018		0.050	0.015	G	0.06	0.01	H	9.0235	0.0013	0.012	78		9.00	9.05					1							
18926	6.228	0.004	6.431	0.005		−0.178	0.005	G	−0.18	0.01	H	6.4071	0.0012	0.009	98		6.39	6.42					1							S
18927	10.202	0.041	9.793	0.044		0.387	0.056	T	0.45	0.06	L	9.8080	0.0041	0.025	47		9.77	9.85					1							
18928	10.923	0.045	9.266	0.018		1.411	0.040	T	2.75	0.06	O	8.9968	0.0071	0.089	124		8.83	9.12		U 2			1	S						
18929	8.792	0.011	8.424	0.011		0.344	0.002	G	0.40	0.00	H	8.4868	0.0029	0.023	113		8.45	8.53		U			1							S
18930	9.913	0.021	9.446	0.021		0.553	0.005	G	0.63	0.01	H	9.4695	0.0018	0.020	104		9.44	9.50		C			1							
18931	9.180	0.010	7.477	0.005		1.449	0.009	T	2.73	0.02	O	7.2063	0.0022	0.032	231		7.15	7.24		U 2			1 V							S P
18932	8.192	0.010	7.989	0.011		0.194	0.014	T	0.21	0.02	L	8.0471	0.0014	0.011	88		8.02	8.06		C			1							
18933	9.874	0.023	8.184	0.011		1.412	0.020	T	1.39	0.02	A	8.1803	0.0016	0.013	103		8.16	8.21		C			1							S
18934	9.364	0.015	8.870	0.014		0.476	0.016	T	0.55	0.02	L	8.9224	0.0021	0.024	135		8.87	8.98					1							S
18935	8.105	0.010	7.943	0.015	A	−0.100	0.495	G	0.10	0.02	L *	7.9400	0.0017	0.013	88	*	7.92	7.96		D	04035+4211	I 1	2 C	A	AB	222	1.055	0.012	2.41	0.06	S
18936	8.154	0.009	7.701	0.009		0.438	0.015	G	0.51	0.02	H	7.7662	0.0016	0.014	130		7.74	7.79					1							S
18937	11.270	0.113	9.113	0.031		1.823	0.097	T	2.44	0.17	O	8.9370	0.0038	0.020	57		8.89	8.99					1							
18938	9.106	0.011	8.711	0.012		0.374	0.015	T	0.44	0.02	L	8.7655	0.0014	0.019	142		8.73	8.80		C			1							
18939	8.682	0.009	6.759	0.004		1.631	0.008	T	1.89	0.03	O	6.6599	0.0014	0.014	150		6.64	6.68		U 2			1							S
18940	9.247	0.014	7.849	0.008		1.182	0.013	T	1.14	0.01	L	7.8724	0.0013	0.012	128		7.85	7.90		C			1							
18941	11.163	0.055	10.599	0.055		0.590	0.020	G	0.66	0.02	H	10.6470	0.0030	0.026	114		10.60	10.69		C			1							G
18942	8.608	0.010	7.131	0.006		1.227	0.006	G	1.19	0.01	H	7.1746	0.0015	0.010	103		7.16	7.19		C			1							S
18943	9.353	0.021	8.725	0.019		0.584	0.025	T	0.66	0.02	L	8.8116	0.0023	0.014	49		8.78	8.84		C			1							
18944	8.971	0.012	8.270	0.011		0.641	0.015	G	0.71	0.01	H	8.3218	0.0011	0.012	109		8.29	8.35					1							S
18945	9.930	0.023	9.760	0.029		0.150	0.015	G	0.17	0.01	H	9.7937	0.0026	0.020	111		9.76	9.83		C			1							G
18946	11.465	0.132	10.171	0.067		1.095	0.119	T	1.17	0.17	L	10.2487	0.0043	0.030	48		10.21	10.31					1							G
18947	10.378	0.029	9.809	0.027		0.532	0.035	T	0.60	0.04	L	9.8227	0.0025	0.022	94		9.78	9.86		C			1							
18948	9.825	0.024	9.686	0.030		0.197	0.005	G	0.22	0.01	H	9.7247	0.0025	0.022	79		9.68	9.77					1							G
18949	9.398	0.017	8.856	0.016		0.515	0.017	T	0.59	0.02	L	8.8976	0.0018	0.016	105		8.87	8.93					1							
18950	6.871	0.005	6.648	0.005		0.214	0.009	G	0.25	0.02	A	6.6883	0.0015	0.010	105		6.67	6.71					1							S
18951	10.616	0.027	8.904	0.011		1.429	0.023	T	1.42	0.04	L	8.8938	0.0017	0.019	200		8.85	8.93					1 G							
18952	7.922	0.007	7.560	0.007		0.383	0.003	G	0.45	0.00	H	7.6024	0.0011	0.011	117		7.59	7.62		C			1							S
18953			9.451	0.017		0.248	0.140	G	0.31	0.16	L	9.3197	0.0023	0.016	87		9.29	9.34		C			1							
18954	8.564	0.009	7.327	0.006		1.056	0.008	T	1.02	0.01	L	7.3863	0.0010	0.010	131		7.37	7.41		C			1							S
18955	10.347	0.047	9.756	0.044		0.570	0.040	G	0.64	0.04	R	9.8022	0.0020	0.022	61		9.76	9.83		C			1							
18956	7.539	0.005	7.189	0.005		0.311	0.002	G	0.36	0.00	H	7.2391	0.0009	0.009	129		7.22	7.26					1							S
18957	5.207	0.003	5.300	0.004		−0.080	0.004	T	−0.06	0.01	L	5.2951	0.0017	0.015	88		5.28	5.33	1.53	P 1 A			1							S
18958	9.346	0.018	8.535	0.014	*	0.723	0.002	G	0.80	0.00	A *	8.6151	0.0019	0.015	94	*	8.59	8.64			04037−4428	I 1	2 C	A	AC	10	0.253	0.027	2.50	0.38	S
18959	7.854	0.007	7.649	0.009		0.174	0.006	G	0.18	0.00	A	7.6981	0.0015	0.012	105		7.68	7.72		C			1							S
18960	10.267	0.026	9.401	0.020		0.759	0.025	T	0.80	0.02	L	9.4577	0.0020	0.021	152		9.42	9.50		C			1							
18961	11.318	0.065	9.303	0.018		1.669	0.054	T	1.69	0.06	L	9.2432	0.0020	0.021	148		9.21	9.28		C			1	S						
18962	9.287	0.016	8.926	0.017		0.291	0.013	G	0.33	0.02	H	8.9872	0.0022	0.015	74		8.97	9.02		C			1							
18963	8.543	0.010	8.415	0.012	A						T *	8.4397	0.0015	0.013	101	*	8.41	8.46		D	04038+3758	I 1	2 C	B	AB	269	4.491	0.089	3.66	0.13	S Y
18964	11.687	0.102	10.735	0.068		0.850	0.020	G	0.89	0.02	H	10.8450	0.0031	0.031	112		10.78	10.91					1							G
18965	9.214	0.017	8.251	0.013		0.834	0.017	T	0.85	0.01	L	8.3250	0.0011	0.012	109		8.30	8.34					1							
18966	8.544	0.011	7.883	0.010		0.586	0.012	G	0.66	0.01	H	7.9449	0.0018	0.013	93		7.92	7.96					1							S
18967	11.837	0.122	10.513	0.054		1.124	0.104	T	1.09	0.11	L	10.4217	0.0023	0.025	100		10.38	10.48		C			1							G
18968	11.442	0.078	10.909	0.078		0.500	0.099	T	0.57	0.10	L	10.9510	0.0036	0.032	82		10.89	10.99		C			1							G
18969	7.868	0.008	7.678	0.009		0.174	0.012	T	0.19	0.01	L	7.7052	0.0013	0.013	115		7.69	7.73					1							S
18970	10.150	0.024	8.476	0.011		1.399	0.021	T	1.38	0.03	L	8.4457	0.0014	0.014	117		8.42	8.47					1							
18971	10.629	0.032	10.368	0.040		0.200	0.015	G	0.22	0.02	H	10.4626	0.0028	0.024	128		10.43	10.51		C			1							G
18972	8.278	0.011	8.190	0.012		0.079	0.015	T	0.09	0.02	L	8.0700	0.0031	0.147	89		8.04	10.44	2.77	P 1 A	04039+2808	I 1	1	S						G
18973	11.387	0.078	10.702	0.070		0.560	0.015	G	0.63	0.01	H	10.8264	0.0040	0.024	81		10.77	10.88		C			1							G
18974	9.924	0.023	9.448	0.022		0.448	0.029	T	0.52	0.03	L	9.4720	0.0018	0.017	105		9.44	9.50		C			1							
18975	5.891	0.003	5.492	0.003		0.371	0.017	G	0.45	0.03	C	5.5360	0.0005	0.004	101		5.53	5.54		C			1							S
18976	8.363	0.013	8.069	0.014		0.280	0.018	T	0.32	0.02	L	8.0901	0.0014	0.011	53		8.07	8.11		C			1							S
18977	8.185	0.011	7.843	0.013		0.324	0.016	T	0.38	0.02	L	7.9211	0.0018	0.013	76		7.90	7.95		C			1							S
18978	10.565	0.037	10.065	0.035		0.481	0.039	T	0.55	0.04	L	10.0955	0.0036	0.026	110		10.06	10.14		C			1							
18979	7.941	0.009	7.727	0.009		0.204	0.012	T	0.22	0.01	L	7.7770	0.0012	0.010	99		7.76	7.80		C			1							S
18980	10.123	0.025	8.715	0.013		1.190	0.022	T	1.15	0.02	L	8.7482	0.0017	0.017	145		8.72	8.78		C	04040+7903	I 1	1	S						
18981	10.743	0.044	9.018	0.017		1.439	0.037	T	1.43	0.06	L	8.9782	0.0018	0.019	104		8.96	9.01					1							
18982	11.111	0.057	9.128	0.018		1.644	0.048	T	1.67	0.05	L	9.0055	0.0022	0.020	102		8.97	9.03					1							
18983	8.050	0.010	7.993	0.013		0.057	0.015	T	0.07	0.01	L	8.0212	0.0010	0.009	80		8.01	8.04		C			1							S
18984	9.558	0.016	8.933	0.014		0.577	0.016	T	0.65	0.01	L	8.9880	0.0024	0.025	137		8.95	9.04					1							
18985	9.446	0.018	7.485	0.008		1.626	0.016	T	1.65	0.02	L	7.3882	0.0021	0.015	82		7.37	7.42		U			1							S
18986	8.039	0.011	7.270	0.011	A	0.680	0.015	G	0.74	0.01	H *	7.2805	0.0014	0.011	85	*	7.27	7.30		D	04041+3931	I 1	2 C	A	AB	68	1.131	0.009	1.87	0.03	S
18987	9.171	0.014	8.663	0.014		0.541	0.015	G	0.61	0.02	H	8.7028	0.0018	0.012	112		8.68	8.73					1							
18988						0.565	0.107	G	0.64	0.10	R	11.1844	0.0042	0.038	75		11.11	11.25		C			1							G
18989	9.698	0.022	9.457	0.027	A	0.210	0.015	G	0.23	0.02	H *	9.4217	0.0034	0.025	86	*	9.38	9.46			04041+4949	I 1	2 C	B	AB	56	4.557	0.036	2.99	0.16	G
18990	8.023	0.011	6.512	0.005		1.266	0.002	G	1.27	0.04	E	6.5172	0.0008	0.006	79		6.50	6.53					1							S
18991	10.274	0.031	9.130	0.019		0.983	0.028	T	0.96	0.02	L	9.1842	0.0021	0.020	108		9.14	9.23					1							
18992	8.497	0.009	7.994	0.009		0.473	0.012	T	0.54	0.01	L	8.0525	0.0010	0.010	115		8.03	8.07		C			1							S
18993	5.954	0.003	5.409	0.003		0.505	0.013	G	0.57	0.07	F	5.4651	0.0006	0.005	85		5.46	5.47		C			1							S
18994	8.778	0.014	8.245	0.013		0.518	0.015	G	0.59	0.02	H	8.3040	0.0021	0.015	85		8.28	8.33		C			1 G							
18995	9.019	0.021	8.305	0.018		0.657	0.022	T	0.72	0.02	L	8.3370	0.0016	0.011	52		8.32	8.36		C			1							S
18996	10.949	0.068	8.821	0.021		1.799	0.059	T	2.32	0.13	O	8.6668	0.0093	0.039	49		8.63	8.73		U 2			1							P
18997	9.534	0.018	8.169	0.011		1.137	0.004	G	1.10	0.00	H	8.2008	0.0013	0.013	102		8.18	8.23					1							S
18998	9.485	0.024	8.132	0.014		1.147	0.022	T	1.11	0.02	L	8.1749	0.0020	0.013	55		8.16	8.19		C			1							S
18999	9.028	0.016	8.724	0.018		0.289	0.023	T	0.33	0.03	L	8.7855	0.0020	0.018	86		8.76	8.83					1							S
19000	10.403	0.041	8.804	0.020		1.340	0.036	T	1.30	0.04	L	8.8308	0.0016	0.012	58		8.81	8.85		C			1							

Number HIP	Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag		Position: epoch J1991.25 α (ICRS) deg	δ deg	Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ	Standard Errors α* mas	δ	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ	Astrometric Correlations (%)	Soln F1 %	F2
1 2	3	4	5	6 7	8	9 10	11	12	13	14	15	16	17	18	19 20 21 22 23 24 25 26 27 28	29	30
19001	04 04 17.85	−19 28 09.3	7.71	H	61.074 386 10	−19.469 237 81	4.50	−11.03	−4.57	0.70	0.66	0.97	0.71	0.82	− 6 + 4 −14 −46 +35 −10 +36 +13 − 1 + 2	0	−0.75
19002	04 04 18.72	+20 40 45.2	9.09	H	61.077 993 53	+20.679 222 64	1.74	1.49	−0.02	1.29	0.96	1.54	1.61	1.21	+ 7 +24 −39 +10 − 7 − 4 −13 +11 −17 +26	0	−0.60
19003	04 04 18.73	+12 30 27.0	7.45	2 H	61.078 027 62	+12.507 488 15	3.60	59.22	−17.95	0.90	0.66	0.97	1.10	0.81	+11 +32 − 2 +15 − 5 −17 −11 +10 −11 − 6	0	−0.79
19004	04 04 18.80	−15 43 30.4	8.56	2 H	61.078 342 50	−15.725 103 64	4.56	−3.39	−13.82	0.97	0.90	1.08	1.11	1.21	+23 +42 − 1 −11 −14 − 4 −16 −46 −14 +33	2	3.34
19005	04 04 19.29	−14 15 45.2	8.05	H	61.080 379 85	−14.262 564 82	2.76	24.40	11.34	0.97	0.67	1.06	1.31	0.95	+ 4 +37 − 2 + 1 − 5 + 1 − 8 +19 −17 −12	0	−0.09
19007	04 04 20.27	−04 39 20.1	9.53	G	61.084 440 54	−04.655 583 42	24.23	63.33	185.41	1.23	0.88	1.53	1.35	1.28	+33 +50 +22 + 7 + 5 − 4 − 9 + 5 −29 +18	0	2.05
19008	04 04 21.64	+53 19 44.6	8.17	2 H	61.090 167 88	+53.329 050 51	−0.71	−0.31	−1.27	0.82	0.62	0.97	0.86	0.77	−21 +36 −18 +19 −13 + 1 −15 +35 − 5 −18	0	1.02
19009	04 04 21.67	+24 06 21.7	5.46	H	61.090 306 99	+24.106 026 40	3.42	−0.31	−13.82	0.74	0.61	0.90	0.78	0.76	+33 +22 −26 + 1 +24 −18 + 9 +33 −37 +53	0	0.71
19010	04 04 22.66	−27 39 17.1	8.92	H	61.094 423 59	−27.654 751 72	10.49	−0.82	−55.72	0.62	0.90	1.24	0.64	1.05	−16 + 5 − 7 −14 −22 + 2 −22 − 2 +11 −32	1	−0.45
19011	04 04 22.71	−12 47 32.4	5.62	H	61.094 610 08	−12.792 338 84	8.12	15.85	17.95	0.72	0.55	0.84	0.90	0.75	+ 3 +33 −21 +26 + 8 +18 + 5 +21 −20 + 5	0	0.39
19012	04 04 23.48	+38 47 48.1	7.51	H	61.097 842 79	+38.796 687 43	14.44	19.14	−61.98	1.11	0.72	1.41	1.31	1.28	+15 +50 − 5 −27 −12 −47 −39 − 0 −41 +70	0	1.30
19013	04 04 24.04	+32 37 16.9	9.69	G	61.100 149 50	+32.621 351 09	4.46	−15.21	−12.26	1.45	0.82	1.90	1.89	1.47	+ 8 +34 −17 + 9 +12 +31 + 4 +40 + 4 +48	4	0.97
19014	04 04 24.56	+56 00 19.5	8.71	1 H	61.102 323 66	+56.005 406 33	−1.40	−0.62	1.71	0.91	0.76	1.17	1.15	1.14	− 2 +12 −16 + 3 +13 +17 +14 +16 − 9 +24	2	1.59
19015 H	04 04 24.99	−29 30 55.1	9.35	H	61.104 124 92	−29.515 299 79 A	4.81	11.16	−13.59	1.35	1.88	1.96	1.17	1.74	−23 + 3 +12 + 2 − 7 +14 −18 + 9 −17 − 7	2	0.55
19016	04 04 26.68	−10 14 06.4	8.11	G	61.111 172 55	−10.235 124 45	18.13	114.80	−32.54	0.88	0.80	1.20	1.51	1.03	+21 − 9 −44 −17 − 2 +25 + 9 −10 −10 +11	0	1.28
19017	04 04 26.87	+76 08 44.7	7.89	H	61.111 963 05	+76.145 752 60	4.63	1.09	−8.62	0.55	0.60	0.78	0.57	0.69	− 4 +20 + 7 − 8 +19 +16 +20 +10 +11 + 1	0	−0.80
19018	04 04 27.16	+59 09 19.8	5.00	H	61.113 181 96	+59.155 508 19	1.88	−1.79	−0.38	0.48	0.50	0.66	0.55	0.63	+ 0 +23 −14 +45 −11 +12 −16 +58 −18 + 9	0	−0.51
19019	04 04 27.45	−34 44 07.3	8.61	H	61.114 357 23	−34.735 355 84	−0.40	4.01	0.33	0.62	0.79	0.96	0.66	0.87	−14 − 3 + 5 − 1 + 5 + 7 + 6 −17 −17 − 6	0	0.98
19020	04 04 28.50	−55 47 50.0	8.92	H	61.118 756 08	−55.797 210 58	1.59	3.90	0.28	0.67	0.77	0.78	0.81	0.93	+11 − 1 −17 + 4 − 4 − 7 − 6 + 2 + 3 +16	0	−1.92
19021 H	04 04 29.36	+55 44 26.4	8.51	G	61.122 339 47	+55.740 653 43 A	3.09	−4.24	−15.34	2.38	1.89	2.68	2.97	2.65	+ 1 −12 − 8 − 7 +13 +18 +23 + 8 −27 −14	1	1.40
19022	04 04 29.82	−06 10 22.2	8.00	H	61.124 231 08	−06.172 831 43	3.40	9.58	−1.20	0.80	0.65	0.94	0.96	0.98	+24 +38 − 8 +19 + 9 −13 + 3 +30 − 7 +40	2	−1.24
19023	04 04 30.52	+41 06 02.4	8.00	H	61.127 174 41	+41.100 654 41	7.09	−9.53	−20.24	0.96	0.61	1.45	1.21	0.75	+20 −44 −38 −51 −19 +66 +11 + 8 −17 + 6	2	0.77
*19024	04 04 30.79	+00 14 47.2	8.32	G	61.128 308 21	+00.246 435 54	21.76	−202.70	−354.63	1.11	0.66	1.25	2.17	1.45	+ 9 + 9 − 4 −26 + 3 +41 + 9 − 6 +11 + 9	0	−1.43
*19025	04 04 30.79	−56 08 58.2	8.62	H	61.128 285 53	−56.149 503 60	3.55	19.22	25.52	0.66	0.73	0.77	0.82	0.89	+ 6 − 7 −26 +15 + 2 −14 − 1 − 5 + 3 + 8	1	−0.93
19026	04 04 31.30	+37 33 45.1	9.13	H	61.130 402 29	+37.562 520 03	9.21	−6.58	2.48	1.05	0.77	1.30	1.17	1.08	+17 +37 −20 +12 +17 − 7 + 7 +42 −17 +34	2	0.78
19027	04 04 32.16	−03 20 22.3	8.72	G	61.134 016 72	−03.339 539 63	3.99	2.83	−18.33	0.96	0.70	1.11	1.29	1.17	+25 +21 − 2 +17 + 0 + 2 − 2 +11 − 4 +23	0	1.77
19028	04 04 33.77	+35 55 14.1	7.97	H	61.140 687 81	+35.920 586 55	2.56	−2.42	−10.75	0.79	0.55	1.03	1.03	0.84	+ 9 + 8 −29 + 4 + 8 +15 + 2 +40 −13 +34	0	−0.75
19029	04 04 35.47	−45 54 07.8	8.20	H	61.147 777 04	−45.902 169 33	2.34	0.45	11.52	0.61	0.74	0.78	0.69	0.84	− 8 − 2 − 6 +11 −23 +14 −23 + 8 +21 − 8	0	−1.08
19030	04 04 36.97	+55 03 59.6	6.55	H	61.154 057 80	+55.066 563 06	14.71	21.06	−38.94	0.64	0.55	0.85	0.99	0.89	+ 6 − 2 −20 + 4 − 3 +24 + 7 +32 −33 −21	0	1.17
19031	04 04 37.26	+50 06 03.8	9.14	H	61.155 254 98	+50.101 052 35	2.38	−4.22	4.71	1.07	0.84	1.30	1.39	1.27	+ 0 + 7 −32 +18 +18 −12 +11 +45 −28 +18	0	−0.29
19032	04 04 37.41	+16 37 38.7	9.20	G	61.155 884 40	+16.627 424 72	5.52	−12.88	−4.79	1.38	0.94	1.45	1.47	1.20	+21 +39 +14 +27 − 9 − 6 −10 +24 − 2 +23	0	0.42
19033	04 04 38.46	+30 53 03.1	9.19	H	61.160 267 81	+30.884 198 42	4.82	2.14	1.91	1.05	0.64	1.22	1.22	0.94	+25 +37 + 9 + 3 + 3 − 6 + 0 +31 − 8 +22	0	−0.31
19034	04 04 39.19	+56 44 31.9	7.99	H	61.163 308 79	+56.742 206 32	4.99	20.12	−30.73	0.78	0.69	1.01	0.94	0.94	−12 + 8 −25 + 9 −10 + 6 −10 +10 − 4 −10	0	−0.36
19035	04 04 39.47	−41 16 53.4	8.85	H	61.164 477 02	−41.281 489 37	6.01	−9.85	27.46	0.69	0.77	0.90	0.75	0.81	+ 8 + 7 + 7 −15 −14 + 7 −15 −12 + 1 +22	4	−0.41
19036	04 04 39.62	+17 31 03.3	6.64	H	61.165 072 36	+17.517 578 89	9.37	−44.79	7.99	0.77	0.58	0.86	0.99	0.78	+ 6 +27 −27 − 7 + 5 − 8 + 4 − 4 + 4 +11	0	−0.25
19037	04 04 40.89	−20 22 54.6	6.12	G	61.170 382 55	−20.381 830 41	7.28	17.14	−13.78	0.59	0.60	0.87	0.66	0.82	+ 0 +15 −35 −25 +29 −19 +21 +14 −14 +26	0	−1.55
19038	04 04 41.66	+22 04 55.4	4.36	H	61.173 574 46	+22.082 067 90	18.04	91.73	−58.52	0.76	0.54	0.84	0.87	0.72	+11 +32 − 7 + 0 + 9 −12 + 5 +10 −12 +18	0	1.97
19039	04 04 43.07	+32 34 16.4	6.87	H	61.179 438 23	+32.571 229 19	4.19	6.58	−10.54	0.76	0.51	0.97	1.04	0.89	+34 +18 − 9 − 6 +18 +32 + 6 +38 + 8 +64	0	−1.50
19040	04 04 43.83	+38 54 02.1	8.18	H	61.182 610 61	+38.900 591 74	5.77	−0.87	−14.41	1.05	0.64	1.29	1.07	0.90	+15 +42 − 4 +19 +10 + 4 + 1 +46 − 2 +34	4	1.16
19041	04 04 45.20	−28 20 54.6	8.20	H	61.188 315 79	−28.348 511 05	4.41	5.40	1.39	0.49	0.70	0.99	0.48	0.81	−14 +10 − 9 − 3 −22 + 7 −26 + 8 − 7 − 9	0	1.01
19042	04 04 45.79	−27 44 08.6	9.86	H	61.190 780 69	−27.735 732 71	9.53	74.36	37.61	0.76	1.09	1.47	0.81	1.26	−12 + 3 − 1 −30 − 8 + 7 − 7 −13 − 3 −25	0	0.86
19043	04 04 47.43	+54 58 52.6	8.92	H	61.197 636 96	+54.981 272 96	8.01	28.30	−44.34	1.06	0.87	1.32	1.66	1.40	+ 1 + 0 −24 −14 − 1 +11 +15 +32 −23 −33	0	−0.79
19044	04 04 49.24	−22 43 41.3	8.64	H	61.205 178 21	−22.728 150 03	3.11	19.10	17.52	0.81	0.84	1.19	0.96	1.18	−10 +10 + 2 −30 +47 + 2 +44 +28 −10 + 0	0	−0.83
19045 H	04 04 50.26	−58 10 40.3	9.40	H	61.209 403 17	−58.177 851 43 A	3.58	1.13	3.94	1.47	1.49	1.45	1.59	1.53	−10 +15 −17 −18 + 4 −18 + 3 −23 + 9 + 2	1	2.32
19046	04 04 50.26	−32 41 45.6	10.64	G	61.209 414 75	−32.695 997 26	14.70	−32.06	−241.37	0.99	1.30	1.67	1.21	1.65	−13 − 8 − 2 − 2 + 1 + 6 + 2 + 6 −17 − 1	0	0.30
19047	04 04 52.36	−30 13 19.3	7.86	H	61.218 177 68	−30.222 032 55	6.57	−6.07	9.27	0.48	0.62	0.86	0.51	0.77	−10 + 4 − 6 − 3 −12 +16 −16 +12 −10 + 3	1	0.02
19048	04 04 52.70	+04 47 27.2	8.80	G	61.219 575 62	+04.790 883 98	5.01	3.41	−12.71	1.29	0.74	1.35	1.67	1.35	+42 +37 +17 + 4 +13 − 2 +22 +43 −19 + 5	0	1.00
*19049	04 04 53.40	−02 25 37.5	7.07	H	61.222 492 49	−02.427 084 33	7.36	−11.92	−13.39	0.70	0.56	0.81	0.99	0.95	+43 + 4 − 7 +18 +15 + 0 +16 +17 −13 +38	0	2.02
*19050	04 04 53.36	+23 14 10.7	10.71	G	61.222 330 37	+23.236 315 17	−0.61	−7.37	−2.98	3.11	1.75	2.69	4.32	2.54	−35 +16 − 2 −56 +42 + 2 +41 −32 −27 −54	0	−0.36
19051	04 04 54.50	−25 30 36.9	8.50	H	61.227 095 51	−25.510 252 44	10.27	78.21	7.80	0.54	0.65	1.01	0.65	0.90	−17 + 6 + 1 − 6 + 5 + 6 + 6 +11 + 2 −15	2	0.36
19052 H	04 04 55.97	−35 26 47.3	7.70	G	61.233 211 94	−35.446 463 15 A	15.86	−60.99	−35.01	1.76	3.06	2.24	1.73	2.60	+ 0 −11 − 3 − 9 − 5 +15 − 1 −41 − 1 + 3	14	4.06
19053	04 04 56.26	−11 47 56.5	8.01	H	61.234 395 98	−11.799 034 83	4.75	22.10	−1.84	0.82	0.66	0.94	1.27	0.93	+15 +26 −13 + 8 +11 + 9 +15 +14 +13 + 7	0	−0.90
19054	04 04 56.52	+20 51 23.8	8.94	H	61.235 492 87	+20.856 604 66	8.15	12.90	−51.39	1.39	1.06	1.72	1.66	1.36	− 2 +36 −46 +13 − 4 − 2 −11 +16 −17 +39	0	0.10
19055	04 04 57.75	+37 05 15.3	8.00	G	61.240 635 85	+37.087 593 22	8.59	10.03	−45.88	0.84	0.58	0.99	1.02	0.82	+14 +28 − 9 +29 + 4 −17 − 3 +48 −11 +20	0	−0.67
19056	04 04 57.80	+01 48 26.5	10.72	H	61.240 815 90	+01.807 355 46	4.50	34.27	5.05	2.24	1.55	2.49	3.19	3.47	+61 +28 + 3 +23 +32 −31 +16 +39 −39 +75	0	−1.26
19057	04 04 58.46	+58 39 35.2	7.74	3 H	61.243 597 09	+58.659 778 65	1.14	−2.49	0.32	0.61	0.59	0.84	0.74	0.77	+ 4 + 1 −19 +37 −24 +12 −27 +42 − 7 +17	0	−0.07
19058	04 05 00.02	−30 10 46.0	8.59	1 G	61.250 086 58	−30.179 434 68	3.25	4.81	9.05	0.62	0.82	1.11	0.65	1.01	−14 − 2 −11 − 1 −10 +15 −12 +15 − 8 + 3	0	0.61
19059	04 05 03.51	−41 54 40.7	9.33	H	61.264 639 53	−41.911 296 08	6.30	23.85	−23.69	0.82	0.87	1.04	0.98	1.05	+ 2 +13 + 5 − 5 − 9 − 3 − 9 −20 + 3 − 1	0	1.59
19060 H	04 05 04.05	−36 23 23.4	8.54	H	61.266 873 01	−36.389 842 90 A	2.00	−0.88	28.44	1.12	1.16	1.34	1.16	1.25	−13 − 9 − 1 −28 +14 + 6 +16 −29 −18 + 1	0	0.36
19061	04 05 04.92	−04 47 07.4	8.27	H	61.270 512 51	−04.785 392 37	9.20	−7.94	−89.51	0.89	0.66	1.09	1.04	0.94	+35 +43 +16 + 2 + 1 − 3 − 6 + 3 −17 +19	0	1.36
19062	04 05 06.33	−31 10 10.8	8.58	2 H	61.276 362 19	−31.169 659 77	6.79	50.48	−11.43	0.66	0.75	1.08	0.72	0.94	−11 + 6 − 1 + 2 − 7 + 4 − 9 +14 − 8 + 2	0	1.29
19063	04 05 06.72	−09 15 44.0	8.23	H	61.278 017 86	−09.262 210 57	3.16	3.25	−15.64	0.87	0.83	1.19	1.09	1.08	+24 + 9 −34 +21 + 4 −20 − 6 + 5 −29 +33	0	−0.11
19064	04 05 07.85	+44 16 41.7	9.27	G	61.282 701 70	+44.278 244 36	−1.57	−0.39	−2.82	1.05	0.69	1.23	1.21	0.95	+ 6 +36 − 5 +18 − 1 −10 − 5 +42 − 3 +17	0	−0.36
19065	04 05 09.78	−07 26 18.9	8.45	H	61.290 757 57	−07.438 580 47	6.95	4.68	14.00	1.02	0.79	1.47	1.40	1.29	+19 +33 −29 − 5 +15 −27 − 9 +15 −47 +40	2	0.07
19066	04 05 10.21	−21 27 10.2	7.82	1 H	61.292 525 76	−21.452 843 99	2.80	11.97	−13.27	0.80	0.75	1.05	0.88	1.00	−10 +28 −21 + 4 +34 − 8 +34 +26 − 9 − 3	0	0.38
19067	04 05 11.17	+13 17 48.3	8.15	H	61.296 537 22	+13.296 759 14	4.78	3.63	−6.20	0.95	0.76	1.05	1.09	0.94	+14 +15 − 5 −14 +11 +12 + 8 − 6 −26 + 9	0	0.12
19068	04 05 12.25	+27 36 35.2	7.94	H	61.301 029 38	+27.609 786 74	4.96	16.46	−29.97	1.04	0.85	1.16	1.29	1.30	+61 +19 −10 +30 +33 −22 +28 +63 −34 +52	0	−0.53
19069	04 05 13.96	−22 06 41.9	9.20	H	61.308 150 01	−22.111 634 87	8.80	−3.75	0.85	2.45	2.39	3.34	2.83	3.44	− 6 +19 −15 − 8 +35 − 9 +31 +25 −10 +17	0	
19070	04 05 14.35	−01 00 42.2	6.97	H	61.309 788 37	−01.011 732 91	16.04	18.22	−34.52	0.69	0.56	0.82	0.98	1.04	+54 +13 − 7 + 9 − 9 − 4 −10 −13 +14 +61	0	3.06
19071	04 05 15.23	−47 49 56.4	9.07	G	61.313 439 04	−47.832 333 37	8.54	22.83	11.36	0.83	0.78	0.94	0.98	0.94	− 3 + 1 −11 −13 − 5 +18 − 4 + 6 − 3 − 3	0	2.29
19072	04 05 15.38	+23 47 50.1	8.26	2 H	61.314 085 92	+23.797 256 19	9.57	−0.79	−14.19	1.05	0.70	1.19	1.07	0.89	+ 7 +31 −14 + 9 + 7 −10 − 5 +27 −29 +25	0	−0.19
19073	04 05 15.47	−47 13 20.1	8.77	H	61.314 444 75	−47.222 245 65	2.60	3.62	15.99	0.69	0.75	0.83	0.96	0.94	−13 +14 −19 −10 + 3 − 3 + 4 +14 + 5 −13	0	−0.88
19074	04 05 16.04	−00 34 08.2	7.13	G	61.316 842 02	−00.568 936 52	10.08	8.43	−54.07	0.72	0.54	0.88	1.02	1.08	+39 +20 − 2 +17 − 5 +12 − 2 − 1 +28 +53	0	1.85
19075	04 05 19.82	+22 03 28.0	7.94	H	61.332 591 17	+22.057 788 19	4.55	5.21	−63.94	1.05	0.76	1.15	1.35	1.11	+16 +19 −13 −14 −11 − 7 −13 −17 − 2 +27	0	0.68
19076	04 05 20.15	+22 00 33.2	5.90	2 G	61.333 956 41	+22.009 221 52	59.79	172.61	−130.08	0.75	0.53	0.84	0.91	0.74	+ 9 +26 −17 − 5 + 2 − 9 − 2 + 1 − 9 +22	0	2.36
19077	04 05 20.76	−51 22 20.3	7.66	H	61.336 481 22	−51.372 304 83	4.38	93.77	99.20	0.57	0.63	0.68	0.65	0.70	− 5 − 4 −13 + 5 +10 −12 + 9 − 4 + 5 − 6	0	−2.26
19078	04 05 24.02	+23 10 07.2	8.31	H	61.350 079 73	+23.168 661 75	1.93	2.40	−15.08	1.47	0.91	1.41	2.07	1.29	−14 + 6 + 3 −49 +29 +11 +31 −21 −30 −37	3	−0.33
19079	04 05 24.48	−33 34 32.5	9.25	H	61.352 012 45	−33.575 699 03	2.06	12.14	18.93	0.83	1.05	1.24	1.12	1.34	−17 + 1 + 6 −14 + 8 + 8 + 7 + 3 −20 −19	1	3.06
19080	04 05 25.14	−32 48 34.7	8.83	H	61.354 735 57	−32.809 639 05	3.95	11.03	−19.32	0.64	0.83	1.08	0.83	1.06	−14 − 9 − 2 − 4 − 2 +18 + 0 + 4 −24 − 6	0	0.30
19081	04 05 25.20	−15 42 33.7	9.39	G	61.354 993 98	−15.709 371 83	2.42	28.48	−2.87	1.21	0.92	1.36	1.24	1.12	+ 0 +36 − 4 +28 − 3 +11 − 9 +10 −16 − 5	2	1.05
19082	04 05 25.60	+19 26 32.0	11.41	G	61.356 645 93	+19.442 230 93	14.56	123.06	−28.43	2.72	1.79	3.17	3.22	2.24	+ 5 +42 −11 − 9 − 6 −36 −19 − 1 −21 +14	0	0.12
19083	04 05 28.74	+40 18 05.6	7.61	H	61.369 742 07	+40.301 563 92	3.66	−0.13	−24.42	0.82	0.64	1.09	0.95	0.92	+17 + 5 −37 − 9 + 5 +23 + 8 +24 −12 +43	0	−0.12
19084	04 05 30.59	−07 35 50.1	7.83	H	61.377 443 09	−07.597 241 30	5.49	11.47	10.48	0.84	0.69	1.13	1.25	1.21	+28 +19 −12 +19 +12 −22 + 2 +26 −34 +33	0	1.22
19085	04 05 31.12	+14 17 11.0	7.30	G	61.379 646 11	+14.286 382 19	5.77	11.32	−36.71	0.98	0.96	1.25	1.46	1.10	+28 − 2 −49 −14 −38 +43 −23 −38 +21 +31	0	0.67
19086	04 05 31.30	−58 28 42.2	7.97	H	61.380 437 14	−58.478 382 01	7.17	6.59	28.37	0.62	0.64	0.70	0.69	0.73	+ 0 +17 −11 − 9 +10 −25 + 8 −11 − 3 +13	0	−0.91
19087	04 05 33.44	+31 29 50.0	7.21	H	61.389 346 26	+31.497 228 69	5.17	4.15	−13.08	0.93	0.58	1.06	0.93	0.71	+17 +52 − 4 +14 + 7 −11 + 2 +39 −10 +11	0	0.11
19088	04 05 34.07	−45 40 00.2	7.57	G	61.391 969 16	−45.666 711 32	3.78	−0.94	−3.80	0.48	0.56	0.61	0.52	0.62	− 4 − 3 − 2 − 3 −14 +19 −16 + 8 +11 + 5	0	−1.51
19089	04 05 36.03	+34 14 21.5	6.64	H	61.400 105 56	+34.239 310 02	10.32	41.07	−59.85	0.70	0.46	0.86	1.07	0.84	+17 +12 −10 +13 + 0 +15 − 8 +36 + 3 +39	0	0.30
19090	04 05 36.59	+35 09 54.7	8.53	H	61.402 478 81	+35.165 200 35	2.15	0.13	−5.90	0.92	0.56	1.12	1.36	1.11	+ 2 +22 −25 −14 +21 + 4 − 8 +41 − 7 +59	0	0.02
19091	04 05 36.63	−31 03 03.3	6.94	H	61.402 633 46	−31.050 911 74	14.50	38.30	−21.49	0.46	0.53	0.75	0.50	0.68	−14 + 8 + 2 + 4 − 6 + 8 −10 +14 −14 + 4	0	1.08
19092	04 05 36.67	+48 12 09.7	8.25	H	61.402 796 28	+48.202 704 39	4.30	3.20	−9.57	0.91	0.67	1.11	1.06	0.93	−11 +15 −24 +16 − 2 + 0 − 7 +26 −24 + 7	0	1.06
19093	04 05 36.75	+19 57 18.0	8.29	H	61.403 120 30	+19.955 012 45	10.87	13.54	2.33	1.05	0.67	1.23	1.17	0.85	+ 2 +46 −20 − 4 − 1 −25 −16 +13 −23 +19	0	1.49
19094	04 05 36.98	+50 45 34.1	8.68	H	61.404 092 86	+50.759 482 61	5.93	6.84	−32.87	1.10	0.90	1.25	1.24	1.17	− 7 +25 −30 +36 +16 − 7 + 4 +64 −14 +25	0	1.09
19095	04 05 37.30	−27 39 07.3	5.59	H	61.405 432 94	−27.652 036 36	23.16	200.52	94.21	0.35	0.45	0.68	0.36	0.56	−19 +12 + 3 −18 −13 + 0 −15 − 4 − 2 −39	0	−0.05
19096	04 05 39.07	−63 55 40.7	8.88	H	61.412 781 50	−63.927 981 43	1.07	8.24	24.78	0.67	0.76	0.76	0.72	0.93	−13 + 3 −25 + 0 + 0 + 8 + 1 +16 − 8 − 5	1	−0.35
19097 H	04 05 39.18	+28 23 43.4	9.17	H	61.413 229 26	+28.395 391 59 A	0.45	2.84	−5.32	1.97	1.67	1.98	2.68	2.42	+44 −11 −13 +37 +23 −19 +25 +62 −22 +40	1	−1.55
19098	04 05 39.60	+17 56 16.0	9.31	G	61.414 984 60	+17.937 778 17	19.81	126.34	−29.13	1.29	0.89	1.39	1.65	1.19	− 6 +29 −23 −19 + 5 +16 + 9 −14 + 1 + 1	0	0.32
19099	04 05 39.66	−35 28 00.7	8.03	H	61.415 264 05	−35.466 858 95	2.53	10.58	−16.52	0.58	0.68	0.87	0.74	0.84	−12 − 7 +13 + 0 + 2 + 6 + 5 −22 −22 − 3	0	−1.10
19100	04 05 40.94	−29 09 16.3	9.58	H	61.420 588 80	−29.154 536 79	2.19	6.39	−5.23	0.93	1.12	1.53	0.96	1.39	−26 + 8 + 9 +12 −19 +10 −25 +20 − 9 −20	1	2.60

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
19001	7.764	0.007	7.718	0.009		0.042	0.010	T	0.06	0.01	L	7.7349	0.0016	0.013	116		7.71	7.75		C			1							S
19002	9.209	0.022	9.088	0.028		0.117	0.033	T	0.13	0.03	L	9.1373	0.0031	0.017	49		9.12	9.16		C			1							
19003	9.938	0.038	7.672	0.013		1.913	0.033	T	2.83	0.05	O	7.4014	0.0046	0.020	42		7.36	7.42		U 2			1 S							S
19004	10.286	0.038	8.744	0.020		1.317	0.035	T	4.67	0.07	O	7.6704	0.0325	0.188	67		7.40	7.97		U 2			1 G							
19005	8.313	0.011	8.074	0.012		0.223	0.016	T	0.25	0.02	L	8.1154	0.0019	0.012	64		8.10	8.14		C			1							S
19007	10.488	0.037	9.640	0.029		0.816	0.003	G	0.86	0.00	H	9.6743	0.0024	0.020	76		9.64	9.71		C			1							
19008	8.454	0.010	8.203	0.011		0.208	0.019	G	0.23	0.02	H	8.2307	0.0052	0.047	94		8.16	8.33		U 2 C			1							
19009	6.517	0.006	5.599	0.004		0.813	0.005	T	0.84	0.00	L	5.6092	0.0011	0.005	55		5.60	5.62		C	04044+2406	I 1	1							S
19010	9.716	0.012	8.986	0.010		0.655	0.012	T	0.72	0.01	L	9.0531	0.0021	0.027	228		9.01	9.10					1							S
19011	6.990	0.006	5.735	0.004		1.062	0.018	G	1.03	0.04	E	5.7850	0.0008	0.008	65		5.77	5.80		C			1							S
19012	7.788	0.008	7.513	0.010		0.262	0.012	T	0.29	0.01	L	7.5805	0.0014	0.011	85		7.56	7.60		C			1 G							S
19013	10.252	0.026	9.827	0.027		0.410	0.015	G	0.48	0.02	H	9.8263	0.0021	0.021	117		9.79	9.86		C			1							G
19014	9.580	0.023	8.806	0.019		0.704	0.023	T	0.76	0.02	L	8.8494	0.0029	0.021	79		8.81	8.88		U			1							
19015	9.798	0.016	9.378	0.016	*	0.410	0.019	T	0.48	0.02	L *	9.4488	0.0023	0.027	160	*	9.40	9.50		D	04044−2931	H 1	2 C A	AB	174	0.540	0.031	2.90	0.12	
19016	8.856	0.016	8.190	0.014		0.598	0.015	G	0.67	0.01	H	8.2280	0.0016	0.012	65		8.20	8.25		C			1							S
19017	9.257	0.012	8.009	0.007		1.064	0.011	T	1.03	0.01	L	8.0542	0.0013	0.016	152		8.02	8.08					1							
19018	5.621	0.003	5.092	0.003		0.495	0.011	G	0.69	0.03	C	5.1313	0.0004	0.005	126		5.12	5.14					1							S
19019	10.613	0.032	8.790	0.013		1.548	0.028	T	1.73	0.09	O	8.7176	0.0017	0.017	131		8.68	8.76					1							
19020	10.381	0.027	9.037	0.015		1.140	0.024	T	1.10	0.03	L	9.0883	0.0021	0.016	118		9.06	9.12					1							
19021	10.047	0.045	8.511	0.019	*	1.320	0.015	G	1.28	0.02	H *	8.6512	0.0018	0.016	72	*	8.63	8.68		D	04045+5545	I 1	2 C A	AB	327	3.375	0.004	0.16	0.02	
19022	7.956	0.008	7.979	0.012		−0.016	0.013	T	0.01	0.01	L	8.0064	0.0014	0.011	77		7.99	8.03					1							
19023	8.510	0.010	8.040	0.010		0.451	0.015	G	0.52	0.02	H	8.1008	0.0014	0.012	87		8.08	8.14					1							S
19024	9.257	0.020	8.394	0.015		0.769	0.000	G	0.81	0.00	H	8.4636	0.0016	0.011	59		8.44	8.48		C			1							S
19025	9.968	0.022	8.733	0.013		1.054	0.020	T	1.02	0.02	L	8.7901	0.0018	0.016	120		8.76	8.82		C			1							
19026	9.787	0.020	9.182	0.018		0.564	0.024	T	0.64	0.02	L	9.2538	0.0027	0.020	108		9.21	9.28					1							
19027	9.181	0.016	8.743	0.016		0.412	0.015	G	0.48	0.02	H	8.8150	0.0024	0.015	79		8.78	8.84					1							
19028	8.141	0.010	7.971	0.009		0.163	0.013	T	0.18	0.01	L	8.0271	0.0012	0.012	117		8.01	8.06		C			1							S
19029	9.406	0.015	8.290	0.010		0.962	0.014	T	0.95	0.01	L	8.3632	0.0015	0.012	100		8.34	8.40		C			1							S
19030	7.115	0.007	6.620	0.006		0.466	0.008	T	0.54	0.01	L	6.6587	0.0012	0.008	67		6.65	6.68		C	04046+5504	I 1	1							S
19031	9.634	0.022	9.208	0.023		0.402	0.029	T	0.47	0.03	L	9.2285	0.0028	0.016	79		9.20	9.26		C			1							
19032	9.751	0.032	9.215	0.030		0.470	0.020	G	0.54	0.02	H	9.3023	0.0023	0.016	46		9.28	9.33					1							
19033	9.674	0.026	9.231	0.026		0.418	0.034	T	0.48	0.04	L	9.2827	0.0013	0.014	94		9.26	9.31					1							
19034	9.417	0.018	8.146	0.011		1.082	0.016	T	1.04	0.01	L	8.1571	0.0022	0.015	80		8.13	8.19					1							S
19035	9.709	0.018	8.917	0.014		0.750	0.005	G	0.79	0.00	H	8.9845	0.0016	0.018	133		8.95	9.02		C			1							
19036	8.091	0.011	6.774	0.006		1.118	0.010	T	1.08	0.01	L	6.8089	0.0009	0.007	60		6.80	6.82		D			1 S							S
19037	7.616	0.006	6.243	0.004		1.157	0.004	G	1.10	0.04	E	6.2888	0.0009	0.009	99		6.28	6.31		C			1							S
19038	5.728	0.004	4.467	0.003		1.064	0.009	G	1.02	0.01	G	4.5241	0.0009	0.004	51		4.52	4.53		C	04047+2204	I 1	1							S
19039	6.873	0.004	6.874	0.005		0.000	0.006	T	0.02	0.01	L	6.8810	0.0013	0.012	126		6.86	6.90					1							S
19040	8.782	0.013	8.232	0.012		0.519	0.012	G	0.59	0.01	H	8.2912	0.0017	0.012	82		8.27	8.31		C			1							
19041	8.737	0.008	8.262	0.008		0.447	0.010	T	0.52	0.01	L	8.3040	0.0012	0.017	192		8.28	8.34		C			1							S
19042	10.455	0.025	9.916	0.023		0.513	0.025	T	0.59	0.03	L	9.9725	0.0027	0.038	231		9.90	10.04					1 S							
19043	9.437	0.021	8.920	0.020		0.486	0.026	T	0.56	0.03	L	9.0251	0.0030	0.021	75		8.99	9.05		C			1							
19044	10.038	0.017	8.763	0.011		1.086	0.016	T	1.05	0.01	L	8.8118	0.0021	0.021	179		8.77	8.84					1							
19045	9.951	0.025	9.449	0.024	A	0.498	0.071	G	0.53	0.07	L *	9.5004	0.0032	0.026	87	*	9.46	9.54			04048−5811	H 1	2 C C	AB	164	4.887	0.066	3.58	0.31	
19046	11.743	0.096	10.801	0.064		0.863	0.006	G	0.91	0.01	H	10.7830	0.0031	0.028	131		10.73	10.83		C			1							G
19047	8.263	0.010	7.896	0.008		0.362	0.015	G	0.42	0.02	H	7.9448	0.0013	0.013	157		7.93	7.97					1							S
19048	9.234	0.016	8.815	0.016		0.397	0.015	G	0.46	0.02	H	8.8817	0.0017	0.013	87		8.86	8.90					1							
19049	7.073	0.005	7.070	0.005		−0.001	0.001	G	0.02	0.00	H	7.0813	0.0008	0.009	91		7.07	7.10		C			1							S
19050						1.280	0.040	G	1.25	0.04	J	10.9531	0.0045	0.034	51		10.92	11.05		D			1							G
19051	9.123	0.011	8.550	0.010		0.539	0.011	T	0.61	0.01	L	8.6158	0.0011	0.017	182		8.59	8.65		C			1							S
19052	8.583	0.010	7.890	0.008	*	0.637	0.015	G	0.70	0.01	H *	7.8327	0.0015	0.013	112	*	7.81	7.86		D	04049−3527	I 1	2 C B	AB	72	0.838	0.004	0.40	0.02	S
19053	8.040	0.012	7.992	0.013		0.043	0.016	T	0.06	0.01	L	8.0277	0.0013	0.014	76		8.00	8.06		C			1							S
19054	10.016	0.037	9.088	0.027		0.821	0.034	T	0.84	0.02	L	9.0971	0.0037	0.016	51		9.07	9.13					1							
19055	8.189	0.008	7.975	0.011		0.204	0.013	T	0.22	0.01	L	8.0396	0.0013	0.013	111		8.02	8.06			04049+3705	I 1	1							S
19056						0.591	0.072	G	0.66	0.07	R	10.8449	0.0035	0.027	70		10.80	10.91					1							G
19057	9.169	0.014	7.823	0.008		1.141	0.013	T	1.10	0.01	L	7.9054	0.0520	0.313	136		7.47	8.21	7.91	P 1 A			1 S							
19058	10.365	0.026	8.729	0.012		1.355	0.020	G	1.31	0.02	A	8.7664	0.0018	0.021	155		8.73	8.81		U			1							
19059	10.046	0.024	9.400	0.021		0.592	0.024	T	0.66	0.02	L	9.4578	0.0025	0.025	114		9.42	9.51					1							S
19060	10.543	0.032	8.748	0.013	A	1.563	0.120	G	1.57	0.15	R *	8.6563	0.0020	0.018	113	*	8.63	8.69			04051−3623	M 1	2 C D	AB	10	9.085	0.018	3.10	0.52	D
19061	8.852	0.012	8.327	0.012		0.493	0.015	T	0.57	0.02	L	8.3832	0.0015	0.010	78		8.36	8.40		C			1							S
19062	8.960	0.011	8.636	0.011		0.311	0.017	T	0.36	0.02	L	8.6533	0.0048	0.061	149		8.61	9.03	0.90	P 1 A			1							S
19063	9.716	0.020	8.351	0.012		1.156	0.018	T	1.12	0.02	L	8.4002	0.0017	0.015	88		8.37	8.43		C			1							S
19064	9.499	0.017	9.274	0.020		0.250	0.015	G	0.28	0.02	H	9.3499	0.0022	0.019	103		9.31	9.39		C			1							
19065	9.596	0.022	8.563	0.016		0.899	0.020	T	0.90	0.01	L	8.6133	0.0020	0.013	62		8.59	8.64		C			1							
19066	9.652	0.020	7.985	0.010		1.393	0.018	T	1.37	0.02	L	7.9664	0.0020	0.017	104		7.93	7.99		U			1							S
19067	8.704	0.018	8.196	0.017		0.477	0.022	T	0.55	0.02	L	8.2549	0.0021	0.013	46		8.23	8.28					1							S
19068	8.107	0.010	7.965	0.013		0.137	0.015	T	0.15	0.01	L	7.9932	0.0011	0.010	83		7.98	8.01		C			1							S
19069	9.604	0.018	9.215	0.019		0.368	0.024	T	0.43	0.03	L	9.2880	0.0025	0.026	121		9.24	9.33					1 X							S
19070	7.870	0.006	7.046	0.005		0.752	0.015	G	0.80	0.01	H	7.1111	0.0009	0.007	110		7.10	7.12		C			1							S
19071	9.666	0.018	9.154	0.018		0.508	0.005	G	0.58	0.01	H	9.1907	0.0021	0.018	105		9.16	9.22					1							
19072	8.845	0.019	8.320	0.018		0.498	0.015	G	0.57	0.02	H	8.3647	0.0051	0.039	56		8.30	8.42		U 2			1							S
19073	10.564	0.034	8.922	0.015		1.326	0.062	G	1.34	0.02	A	8.9187	0.0020	0.018	102		8.89	8.95					1							
19074	7.675	0.007	7.185	0.007		0.476	0.015	G	0.55	0.02	H	7.2309	0.0007	0.007	90		7.22	7.24		C			1							S
19075			8.750	0.023		0.726	0.126	G	1.53	0.09	S	8.0622	0.0027	0.019	51		8.04	8.10		R	04053+2201	I 2	1 S							S
19076	6.683	0.006	5.963	0.006		0.620	0.015	G	0.70	0.07	F	6.0399	0.0013	0.010	53		6.02	6.08		U 2	04053+2201	I 2	1							S
19077	8.976	0.012	7.776	0.008		1.027	0.011	T	1.00	0.01	L	7.8270	0.0011	0.010	100		7.80	7.84					1							S
19078	9.863	0.038	8.452	0.021		1.192	0.034	T	1.15	0.03	L	8.4769	0.0028	0.014	47		8.45	8.50		C			1							
19079	10.682	0.039	9.374	0.020		1.111	0.034	T	1.07	0.04	L	9.4175	0.0024	0.030	124		9.37	9.47					1							
19080	10.437	0.030	8.948	0.014		1.253	0.026	T	1.21	0.03	L	8.9916	0.0015	0.016	141		8.96	9.03					1							
19081	9.817	0.027	9.403	0.028		0.384	0.015	G	0.45	0.02	H	9.4744	0.0034	0.024	64		9.44	9.54		C			1							
19082						1.347	0.005	G	1.57	0.01	I	11.5264	0.0066	0.042	58		11.41	11.59					1							G
19083	9.124	0.015	7.743	0.009		1.169	0.014	T	1.13	0.01	L	7.7788	0.0014	0.012	90		7.76	7.80		C			1							
19084	9.106	0.018	7.917	0.012		1.018	0.017	T	0.99	0.01	L	7.9969	0.0015	0.010	67		7.97	8.01		C			1							S
19085	8.844	0.018	7.432	0.010		1.220	0.015	G	1.17	0.03	C	7.4566	0.0014	0.006	41		7.44	7.47					1							S
19086	8.167	0.010	7.989	0.010		0.163	0.014	T	0.18	0.01	L	8.0263	0.0015	0.015	99		8.00	8.05					1							S
19087	9.423	0.023	7.401	0.009		1.675	0.020	T	1.70	0.02	L	7.3131	0.0014	0.010	83		7.29	7.33					1							S
19088	7.852	0.007	7.596	0.007		0.239	0.008	G	0.27	0.02	A	7.6276	0.0016	0.015	120		7.61	7.65					1							S
19089	7.174	0.005	6.693	0.005		0.453	0.006	T	0.52	0.01	L	6.7464	0.0008	0.007	110		6.74	6.76		C			1							S
19090	9.920	0.020	8.664	0.012		1.071	0.018	T	1.04	0.01	L	8.6939	0.0015	0.012	122		8.67	8.71		C			1							
19091	7.587	0.006	7.002	0.005		0.548	0.006	T	0.62	0.01	L	7.0610	0.0010	0.011	158		7.05	7.08					1							S
19092	10.415	0.031	8.429	0.012		1.646	0.026	T	1.67	0.03	L	8.3621	0.0019	0.015	82		8.35	8.39		C			1							
19093	8.815	0.018	8.335	0.018		0.410	0.020	G	0.48	0.02	H	8.3819	0.0022	0.012	64		8.36	8.40					1							S
19094	9.150	0.017	8.736	0.018		0.408	0.004	G	0.47	0.00	H	8.7757	0.0028	0.024	87		8.74	8.81					1							
19095	5.966	0.002	5.624	0.002		0.324	0.003	T	0.38	0.00	L	5.6665	0.0006	0.008	244		5.66	5.68					1							S
19096	10.673	0.040	9.024	0.017		1.379	0.034	T	1.35	0.04	L	9.0314	0.0018	0.017	110		9.00	9.07		C			1							
19097	9.540	0.025	9.193	0.026	A	0.300	0.495	G	0.23	0.07	L *	9.2330	0.0023	0.018	74	*	9.21	9.26		D	04057+2824	I 1	2 C A	AB	254	1.634	0.032	2.95	0.12	
19098	10.400	0.045	9.321	0.031		0.890	0.008	G	0.93	0.01	H	9.4300	0.0023	0.016	51		9.41	9.46		C			1							
19099	9.483	0.017	8.157	0.010		1.125	0.015	T	1.09	0.02	L	8.1981	0.0013	0.012	115		8.18	8.23		C			1							
19100	11.488	0.061	9.716	0.021		1.476	0.051	T	1.49	0.08	L	9.7118	0.0025	0.032	148		9.66	9.76					1 S							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
19101	H	04 05 41.05	+45 37 21.2	8.82		H	61.421 055 59	+45.622 562 52	A	2.47	−2.70	−18.89	2.24	1.53	2.32	2.02	1.51	+35	+18	− 6	+12	−11	+14	−17	+11	− 7	−14	1	0.34
19102		04 05 41.27	−40 31 37.3	9.16		H	61.421 969 70	−40.527 035 45		6.96	−10.00	−6.68	0.84	0.84	1.15	1.06	0.96	+ 3	− 3	− 2	+ 4	− 1	+31	+ 1	− 6	+ 7	+18	0	−0.02
19103		04 05 41.59	+10 02 13.6	6.72		H	61.423 299 55	+10.037 112 20		5.98	−14.18	6.31	0.75	0.61	0.96	0.96	0.92	+ 4	+24	−34	+13	−21	+15	− 5	−14	+43	+36	0	2.52
19104	H	04 05 42.13	+07 42 48.4	9.31		H	61.425 542 01	+07.713 450 58	*	5.17	1.95	−3.77	4.27	1.99	1.73	2.23	1.77	+34	+ 1	− 9	−10	− 6	+ 9	+12	+34	−19	− 9	1	−1.21
19105		04 05 42.35	+57 07 37.1	9.09	2	H	61.426 476 37	+57.126 963 18		2.14	−16.43	−5.72	1.15	0.94	1.29	1.50	1.40	−29	+ 7	−13	+36	−31	+ 4	−33	+22	+17	−37	0	−0.14
19106		04 05 43.02	−11 37 38.9	9.08		H	61.429 254 05	−11.627 460 01		6.98	4.33	−4.37	1.08	0.94	1.29	1.45	1.29	+22	+19	− 4	− 1	+14	+27	+16	+14	− 3	+20	0	1.37
19107		04 05 43.55	+47 13 29.3	8.41		H	61.431 454 36	+47.224 799 27		12.66	12.64	23.74	0.86	0.74	1.16	1.16	1.01	+ 8	+11	−37	+11	+ 8	+ 4	+ 9	+34	−24	+ 5	0	0.04
19108		04 05 44.22	−73 16 51.0	8.96		G	61.434 258 24	−73.280 838 16		4.36	27.47	34.99	0.78	0.80	0.85	0.95	1.05	−10	+15	−23	− 3	+11	−12	+ 8	+ 1	− 7	+ 6	0	0.20
19109	H	04 05 44.59	+66 22 43.3	9.65		H	61.435 799 20	+66.378 693 97	A	4.05	−15.02	−35.71	2.28	2.61	3.74	2.27	2.81	−21	+ 7	−10	−20	+11	+ 5	+10	+ 3	+23	− 4	1	−0.21
19110		04 05 45.69	+67 50 34.3	10.84		H	61.440 355 18	+67.842 870 50		4.00	4.72	−1.12	1.02	1.44	1.97	1.09	1.57	− 9	+23	− 7	+12	+ 8	+10	+11	+21	+10	−10	5	0.61
19111		04 05 46.73	−20 30 45.1	6.34		G	61.444 699 87	−20.512 536 38		10.47	−27.24	−10.81	0.60	0.64	0.89	0.67	0.86	+ 3	+21	−34	−20	+44	−30	+29	+35	−29	+34	0	−0.16
19112	H	04 05 52.89	+10 58 24.3	8.16		H	61.470 377 46	+10.973 428 96	A	7.63	−4.31	−72.08	2.32	1.61	2.07	2.33	1.81	− 5	+15	− 8	− 1	−16	−17	− 6	− 6	+21	+13	1	1.49
19113		04 05 53.54	−26 39 24.2	9.30		H	61.473 081 07	−26.656 725 07		11.55	27.46	9.37	0.81	0.81	1.25	1.12	1.21	−14	+19	+13	−14	+ 2	−19	+ 8	+10	− 5	−30	3	0.04
*19114		04 05 53.91	−00 39 39.0	9.41		H	61.474 607 14	−00.660 842 69		1.68	−4.84	−43.01	1.26	0.86	1.41	1.72	1.64	+42	+18	+ 4	− 4	−17	− 7	−21	−16	+ 4	+44	0	1.14
*19115		04 05 53.85	+61 47 40.0	7.59	2	H	61.474 375 03	+61.794 432 47		0.17	0.20	3.51	0.55	0.79	0.98	0.76	1.07	+42	+ 7	−15	+12	+31	− 3	+24	+54	−18	+54	0	0.30
19116		04 05 54.08	−10 17 44.9	7.03	2	H	61.475 338 39	−10.295 816 15		2.87	25.07	−0.18	0.80	0.63	1.00	1.29	1.03	+20	+13	− 9	+ 0	−10	+ 2	− 8	− 5	+18	− 1	0	1.70
19117		04 05 54.28	+11 57 58.1	10.06		G	61.476 167 27	+11.966 125 60		29.02	216.53	17.79	2.11	1.28	2.12	2.17	1.66	−14	+51	− 5	+34	−15	−22	−16	+50	− 2	− 6	0	−1.72
19118		04 05 54.59	−35 04 10.7	8.12		H	61.477 440 28	−35.069 651 96		−0.12	12.00	14.01	0.60	0.75	0.94	0.69	0.89	−11	− 4	+ 8	+ 6	− 2	+20	+ 0	−17	−20	− 2	0	1.07
19119	H	04 05 54.90	−41 57 37.9	8.73		H	61.478 738 20	−41.960 519 63	*	1.81	0.42	5.14	0.77	0.83	0.97	0.92	0.95	−17	+10	− 4	+13	−16	+ 4	−15	− 1	+ 0	−19	0	2.37
19120		04 05 55.33	+15 29 56.7	8.15		H	61.480 546 59	+15.499 087 12		13.98	36.52	−37.98	1.17	0.77	1.32	1.18	0.89	+13	+48	−11	− 3	− 2	−11	−15	+ 6	−26	+12	0	1.40
19121		04 05 56.49	−08 51 21.9	6.27		H	61.485 389 95	−08.856 083 74		12.26	22.85	−8.62	0.67	0.58	0.86	0.90	0.84	+27	+ 5	−32	+14	+17	− 4	+15	+23	−29	+33	0	1.00
19122		04 05 58.49	+61 37 58.0	7.91		H	61.493 718 72	+61.632 773 42		4.10	−8.33	−1.55	0.61	0.73	0.97	0.79	0.99	+30	+16	−14	+28	+19	− 8	+10	+49	−22	+47	1	0.88
19123		04 06 00.00	+79 47 12.4	7.94		H	61.500 010 41	+79.786 783 23		3.19	−7.22	−6.29	0.49	0.56	0.67	0.53	0.69	− 4	+17	+ 4	+ 1	+13	− 1	+17	+ 5	+22	− 5	0	−0.67
19124		04 06 00.33	−14 43 37.0	8.16		H	61.501 387 51	−14.726 940 85		1.24	22.59	2.04	0.98	0.91	1.26	1.56	1.24	+22	+30	− 6	+ 9	− 5	+15	− 8	− 3	−17	+25	0	1.59
19125		04 06 00.58	+04 41 39.1	8.80		H	61.502 409 40	+04.694 191 09		8.22	−12.46	−31.54	1.24	0.71	1.35	1.56	1.29	+47	+39	+26	+19	+13	+15	+13	+38	−25	− 7	0	−0.79
19126		04 06 01.26	−38 59 48.0	8.89		H	61.505 261 81	−38.996 666 27		10.97	−23.53	−146.57	0.64	0.77	0.89	0.71	0.87	− 2	− 4	+ 3	− 9	+ 7	− 4	+ 7	− 7	− 4	+ 9	0	−1.29
19127		04 06 02.11	+46 55 32.5	6.77		H	61.508 782 74	+46.925 687 30		8.80	46.83	−48.55	0.71	0.55	0.89	0.94	0.78	−13	+20	−24	+18	− 5	−16	−11	+27	−10	−15	0	2.76
19128		04 06 03.00	−69 52 17.0	7.45	1	H	61.512 479 71	−69.871 379 59		5.59	17.59	30.77	0.53	0.56	0.58	0.52	0.67	− 6	+ 4	− 9	−12	+ 2	+12	+ 2	+ 1	− 4	+ 5	1	−0.31
19129		04 06 03.17	+68 40 47.9	5.88	1	H	61.513 209 78	+68.679 965 26		5.23	7.29	3.00	0.30	0.45	0.62	0.32	0.50	−21	+13	− 1	+ 3	+ 0	+ 9	+ 0	+19	− 5	−26	0	0.83
19130		04 06 03.32	+00 48 46.8	9.25		H	61.513 828 30	+00.812 991 27		3.35	22.24	3.63	1.40	0.84	1.67	1.88	1.80	+24	+33	+ 9	+27	− 5	+46	− 6	+16	+37	+41	0	−0.96
19131		04 06 03.38	+67 46 59.5	10.18		H	61.514 088 57	+67.783 186 58		0.33	11.75	−16.73	0.98	1.27	1.81	1.04	1.46	−15	+31	− 7	+ 5	+ 2	+ 6	+ 3	+23	+ 5	−11	1	1.92
*19132		04 06 03.70	+34 10 48.9	10.21		G	61.515 420 32	+34.180 244 72		5.06	−4.04	−0.64	1.60	0.87	1.93	2.28	1.63	− 3	+ 6	− 2	+11	− 7	+16	−18	+37	− 1	+20	4	−0.59
*19133		04 06 03.74	−37 29 53.1	9.01		H	61.515 601 75	−37.498 093 75		2.60	−14.94	−10.21	0.66	0.80	0.99	0.80	0.91	+ 7	+10	+ 9	− 3	+ 8	−24	+10	− 6	− 5	+23	0	0.42
*19134		04 06 03.66	+47 17 25.1	8.42		H	61.515 268 56	+47.290 314 33		14.47	115.80	−106.06	1.30	1.09	1.17	3.38	1.70	−30	+23	− 7	+ 2	−18	−26	− 9	−23	+ 3	−51	0	0.65
19135		04 06 04.33	+53 35 42.7	8.35		G	61.518 062 15	+53.595 188 73		2.89	−1.28	−6.51	0.81	0.66	1.07	0.94	0.90	− 4	+16	− 3	− 4	+ 6	+20	+ 8	+19	−17	−18	0	−0.40
19136		04 06 04.57	+26 12 42.7	7.55		G	61.519 044 59	+26.211 859 19		13.97	−36.92	−26.04	0.95	0.81	1.13	0.98	0.93	+51	+49	+20	+ 3	+22	+ 1	+13	+35	+ 8	+49	0	0.26
19137		04 06 04.69	+24 43 55.7	8.75	2	H	61.519 545 14	+24.732 149 04		1.03	1.63	−17.75	1.00	0.74	1.21	1.21	0.95	+16	+14	−33	−11	+15	−21	+ 3	+20	−26	+37	0	3.38
19138		04 06 07.90	+73 44 49.5	8.77		H	61.532 925 18	+73.747 087 69		0.36	3.27	−9.46	0.68	0.84	1.10	0.82	1.05	−26	+14	− 7	−12	+13	+ 9	+14	−12	+ 3	−13	0	2.56
19139		04 06 08.06	+62 06 06.6	6.76		G	61.533 602 78	+62.101 836 10		1.45	−0.52	−0.46	0.47	0.55	0.77	0.63	0.74	+26	+ 9	− 5	+ 4	+ 4	+ 7	+ 6	+31	+ 1	+23	0	1.40
19140		04 06 09.09	−00 01 15.8	8.36		H	61.537 870 06	−00.021 049 37		1.98	11.36	3.00	1.24	0.67	1.30	2.31	1.31	+23	+13	− 7	−31	−15	+31	− 7	− 8	− 5	− 2	0	−1.38
19141		04 06 10.59	−59 52 33.5	7.87		H	61.544 123 25	−59.875 960 56		3.93	−11.89	−4.18	0.58	0.63	0.66	0.63	0.67	−11	+15	+ 1	−15	+13	−11	+13	− 6	− 3	− 7	1	0.69
19142		04 06 10.72	−48 54 13.4	9.26		H	61.544 663 42	−48.903 733 97		1.38	5.54	15.61	0.79	0.85	0.92	0.96	0.97	− 5	+ 8	− 8	− 9	+ 2	−12	− 1	+25	− 7	+ 2	0	−1.78
19143		04 06 11.29	+32 57 10.4	10.00		G	61.547 028 39	+32.952 883 68		27.68	682.14	−831.67	1.44	1.05	1.77	1.87	1.74	+26	+ 9	−14	+ 6	+18	+20	+10	+38	+ 7	+57	0	−1.88
19144		04 06 11.41	−23 16 47.5	8.38		H	61.547 528 72	−23.279 864 62		5.46	24.77	19.71	0.47	0.58	1.02	0.59	0.85	− 4	− 3	+ 6	−11	+22	+ 3	+23	+13	− 6	+ 4	2	−1.11
19145		04 06 11.45	+76 24 56.0	7.76		H	61.547 692 99	+76.415 546 24		11.52	68.42	−71.61	0.52	0.57	0.74	0.57	0.66	− 3	+11	+16	−11	+22	+18	+19	+19	+ 0	+ 0	0	0.02
19146		04 06 11.85	+20 40 05.8	8.32		H	61.549 373 30	+20.668 288 80		3.73	0.43	−13.36	1.23	0.79	1.43	1.28	1.02	− 5	+48	−27	+ 5	− 1	− 6	−18	+13	−34	+15	0	0.68
19147		04 06 13.04	+08 30 09.4	7.76		G	61.554 318 91	+08.502 620 88		15.89	23.39	109.21	0.99	0.74	1.08	1.08	0.93	+25	+38	− 3	+ 7	−26	+ 5	−18	− 6	+10	+28	0	−0.42
19148		04 06 16.06	+15 41 53.4	7.85		G	61.566 899 05	+15.698 167 86		21.41	118.53	−19.59	1.25	0.76	1.47	1.15	0.88	+14	+61	− 5	−14	− 8	−31	−30	− 1	−37	+20	0	1.20
19149		04 06 16.24	−19 30 47.9	7.63		H	61.567 686 25	−19.513 308 82		3.75	5.22	−31.75	0.75	0.78	1.04	0.80	1.06	+11	− 7	−31	−40	+43	−16	+41	+31	−18	+26	0	0.18
19150		04 06 17.13	−46 38 43.4	10.08		H	61.571 376 39	−46.645 392 50		5.22	5.11	10.86	0.92	0.96	1.06	1.28	1.17	−24	+ 7	−13	+25	−14	−12	−15	+16	+ 1	−24	0	−1.56
19151		04 06 17.64	−55 14 39.1	8.97		H	61.573 503 59	−55.244 197 45		3.02	20.63	14.26	0.71	0.76	0.80	0.84	0.90	+11	− 4	−30	− 9	−18	+ 7	−17	− 6	+ 2	+ 1	4	1.29
19152		04 06 17.90	−07 49 43.4	7.53		H	61.574 584 60	−07.828 720 57		5.59	18.07	1.53	0.77	0.66	1.05	1.06	0.97	+24	+19	−29	+22	+13	−17	+ 1	+18	−35	+35	0	2.39
19153		04 06 20.85	−57 32 04.7	9.15		H	61.586 882 08	−57.534 635 21		1.37	11.12	−6.49	0.91	0.87	0.98	1.22	1.15	−14	+22	−23	−10	+ 1	+12	+ 6	−18	+12	− 9	1	1.11
19154		04 06 21.03	−67 42 19.4	8.01		H	61.587 606 32	−67.705 395 31		3.07	−3.32	−4.77	0.58	0.62	0.65	0.60	0.68	−11	+22	−16	− 8	− 1	+ 7	− 4	+12	−13	+ 1	0	0.04
19155		04 06 21.11	+61 02 25.3	9.42		H	61.587 972 38	+61.040 373 47		1.20	0.20	0.09	0.75	0.89	1.21	0.94	1.14	+19	+ 5	−10	+31	+ 7	− 2	+ 5	+38	−18	+30	0	0.51
19156		04 06 21.99	−42 23 51.8	9.29		H	61.591 606 31	−42.397 728 12		4.34	45.57	14.05	0.86	0.95	1.12	1.05	1.18	− 4	+17	− 7	+12	−19	+22	−20	+ 1	− 8	− 8	0	2.17
19157		04 06 22.86	+14 24 07.4	7.30		H	61.595 246 01	+14.402 066 59		16.75	66.54	59.34	0.89	0.70	0.99	1.07	0.82	+20	+11	−21	+10	+ 5	− 1	+ 3	+17	−20	+14	0	1.52
19158		04 06 25.42	−41 19 17.5	9.26		H	61.605 913 92	−41.321 517 72		0.67	2.62	10.49	0.78	0.80	1.03	0.93	0.92	+ 6	+21	+ 3	−10	+ 2	+18	+ 0	− 9	+ 2	+35	1	−1.16
19159	H	04 06 25.51	+43 25 07.1	7.38		H	61.606 296 00	+43.418 643 45	A	12.11	−24.34	−198.23	2.77	1.70	1.99	2.79	1.76	+10	−16	−30	+ 0	+ 0	+ 8	+ 0	+27	− 6	+19	1	−0.01
19160	H	04 06 30.44	−42 21 52.9	8.82		H	61.626 841 11	−42.364 688 48	A	8.14	82.69	32.59	1.21	1.31	1.40	1.36	1.47	+ 4	+13	− 5	+21	−22	+17	−25	− 1	− 7	− 2	2	0.06
19161	H	04 06 31.16	+63 44 44.4	7.39		H	61.629 853 34	+63.745 669 52	A	5.30	−14.72	3.91	2.37	5.58	1.46	1.05	1.30	+24	+ 7	+ 2	+ 1	+10	+28	+ 4	+25	− 8	+25	1	0.33
19162		04 06 32.59	−13 12 39.2	8.93		H	61.635 787 48	−13.210 889 68		7.22	−22.30	−30.25	1.12	0.94	1.51	1.40	1.49	+13	+44	+ 1	+17	− 8	+11	−21	+10	−31	− 1	0	0.34
*19163		04 06 34.10	+21 57 23.4	7.89		H	61.642 070 08	+21.956 507 13		2.15	8.14	4.71	1.03	0.77	1.13	1.29	1.00	+ 4	+14	−24	−16	+ 1	− 8	− 2	−12	− 5	+14	3	0.59
*19164		04 06 33.95	+72 02 05.9	9.32	2	H	61.641 466 10	+72.034 964 38		4.07	−2.60	7.28	0.71	1.02	1.38	0.80	1.27	−16	+21	−21	+ 2	+ 9	−10	+11	−19	+23	−21	0	0.87
19165		04 06 34.81	−20 51 04.4	9.70		G	61.645 037 04	−20.851 225 81		42.54	52.06	−779.63	1.08	1.21	1.64	1.21	1.50	+ 3	+33	−32	− 5	+40	−21	+26	+39	−17	+30	0	−1.35
19166		04 06 34.91	+01 32 16.7	10.74		H	61.645 477 80	+01.537 978 12		4.88	51.48	10.51	1.98	1.31	2.21	2.95	3.25	+47	+33	+18	+21	+16	+18	+ 7	+28	+23	+70	0	−0.44
19167		04 06 35.06	+50 21 04.9	4.25		H	61.646 063 74	+50.351 350 22		9.41	−13.03	−36.37	0.73	0.59	0.84	0.80	0.74	− 4	+26	−29	+35	+ 6	− 7	− 6	+57	−20	+23	0	2.14
19168		04 06 35.16	−19 01 15.5	10.08		G	61.646 494 45	−19.020 962 82		−0.90	11.25	14.33	1.14	1.30	1.67	1.18	1.51	+ 7	+ 8	− 5	−27	+42	− 2	+43	+38	− 7	+10	0	0.22
19169		04 06 35.51	+63 04 15.3	9.44		H	61.647 961 16	+63.070 920 34		0.81	4.07	3.05	0.78	0.96	1.32	1.00	1.24	+ 3	− 4	− 7	+ 5	−13	+18	−12	+14	+28	+ 3	0	0.90
19170		04 06 36.26	+03 46 51.5	10.01		H	61.651 077 37	+03.780 985 95		6.62	15.19	−11.27	1.65	0.92	1.73	2.35	1.80	+37	+20	+29	+11	+ 1	−12	+14	+41	+ 8	+ 2	0	0.21
19171		04 06 36.40	+27 36 00.1	5.18	1	H	61.651 658 30	+27.600 025 19		6.60	22.13	−50.18	0.76	0.55	0.85	0.91	0.79	+47	+33	+13	+12	− 1	−16	− 3	+34	−20	+24	0	−1.96
19172		04 06 36.58	+54 00 32.0	6.31		H	61.652 427 80	+54.008 884 46		10.21	55.34	−90.98	0.63	0.49	0.82	0.82	0.69	− 8	−14	+ 0	−23	+ 7	+38	+16	+ 7	−34	−34	0	1.73
19173	H	04 06 36.62	+65 00 33.2	7.78		H	61.652 595 53	+65.009 214 07	A	2.61	−4.87	−1.09	0.80	0.89	1.24	0.88	1.13	− 6	−11	−10	−33	−15	+11	−16	+ 1	+ 0	− 4	2	0.37
19174		04 06 36.90	−18 03 02.8	6.60		H	61.653 759 22	−18.050 772 35		4.19	8.83	−14.25	0.64	0.54	0.75	0.71	0.67	− 5	+22	−12	+38	+ 9	+ 4	+ 9	+32	− 7	− 6	0	1.12
19175		04 06 37.37	+19 09 09.9	7.48		G	61.655 713 24	+19.152 758 02		12.47	29.44	64.60	0.85	0.59	0.93	0.98	0.73	+ 2	+34	−18	+11	− 5	−18	−12	+13	−11	+11	0	0.25
19176		04 06 38.80	+20 18 11.3	9.57		H	61.661 658 58	+20.303 130 41		6.43	6.00	−15.40	1.65	0.99	1.84	1.65	1.24	+ 1	+50	−15	+ 8	−14	− 8	−29	+ 9	−32	+11	0	−1.39
19177		04 06 38.81	+65 31 15.1	6.14		H	61.661 719 42	+65.520 859 77		7.13	20.25	−25.47	0.36	0.43	0.68	0.43	0.58	+ 1	− 3	+ 0	−40	+ 5	+ 3	− 3	+ 2	+ 4	+21	0	−0.79
19178		04 06 39.04	+32 23 06.3	7.05	1	H	61.662 670 28	+32.385 071 27		2.78	5.42	−4.25	0.81	0.64	0.95	0.76	0.76	+43	+31	−19	+ 3	+27	− 5	+15	+45	−31	+54	0	−0.09
19179		04 06 39.53	−52 58 43.2	8.46		H	61.664 690 71	−52.978 672 04		1.93	−0.07	0.79	0.68	0.73	0.78	0.74	0.78	− 7	+17	−21	−12	− 4	+ 1	− 2	−18	+12	−15	0	0.13
19180		04 06 40.47	+13 09 26.2	9.51		H	61.668 618 11	+13.157 266 98		1.52	−11.86	−20.01	1.63	1.22	1.71	1.72	1.56	+18	+29	−11	+ 6	+33	− 4	+27	+42	−25	+21	0	−1.83
19181		04 06 41.34	+65 56 54.6	9.37		H	61.672 267 45	+65.948 495 64		2.98	−3.69	−1.57	0.73	0.85	1.29	0.83	1.13	− 6	+ 9	− 4	−34	+ 7	− 1	+ 4	+ 9	+12	+ 7	0	0.54
19182		04 06 41.42	+25 43 19.7	7.99		H	61.672 587 72	+25.722 146 67		5.20	−12.31	0.25	0.92	0.68	1.11	1.21	1.05	+36	+15	−30	−12	+ 1	+ 5	− 7	+19	−10	+60	0	−0.22
19183		04 06 41.51	+01 41 02.9	7.83		H	61.672 965 82	+01.684 140 58		18.09	39.03	−94.10	0.98	0.61	1.09	1.40	1.41	+33	+17	− 3	+14	+ 5	+12	+ 0	+17	+22	+59	2	−0.43
19184		04 06 41.70	−01 54 52.2	8.60		H	61.673 761 43	−01.914 488 54		3.82	17.83	−7.60	0.91	0.67	1.15	1.44	1.13	+50	+11	− 5	+ 9	+15	−22	+17	+21	− 7	+29	0	1.22
19185		04 06 41.83	−08 29 37.0	8.48		H	61.674 289 64	−08.493 610 15		2.35	22.12	−4.86	0.94	0.85	1.26	1.16	1.21	+22	+15	−36	+10	+13	− 1	+10	+15	−34	+38	0	−0.01
19186		04 06 43.74	+27 31 19.8	7.85		G	61.682 258 44	+27.522 163 55		3.23	14.59	−3.45	0.98	0.71	1.11	1.26	1.06	+52	+27	+ 9	+11	− 1	− 2	+ 0	+37	−22	+26	0	−1.27
19187		04 06 44.25	+17 39 48.6	8.44		H	61.684 381 35	+17.663 495 69		9.64	35.87	−25.72	1.08	0.83	1.19	1.35	1.10	+ 6	+31	−20	− 5	+14	+ 5	+12	+ 2	−10	+17	0	1.24
19188	H	04 06 44.53	−80 44 07.9	7.89		G	61.685 542 71	−80.735 541 37	*	14.08	−27.77	−236.53	1.32	1.45	0.74	0.70	0.85	−28	+ 6	−10	+ 3	+ 6	+ 1	+ 7	−13	+ 5	−12	1	−0.89
19189	H	04 06 44.73	+05 41 12.4	8.51		H	61.686 361 00	+05.686 788 92	A	4.40	70.32	15.57	2.96	1.76	2.78	2.94	3.06	+62	+51	+44	+21	+20	− 7	+11	+31	− 7	+54	1	−0.37
19190		04 06 44.76	−30 55 12.1	8.55		H	61.686 484 46	−30.920 034 05		6.73	−16.36	−24.69	0.59	0.74	1.04	0.65	0.98	−14	+13	− 1	+ 7	− 7	+11	−13	+15	−23	+ 3	1	2.06
19191		04 06 45.08	−21 40 18.6	8.13		G	61.687 844 13	−21.671 822 97		10.18	244.75	−88.88	0.81	0.80	1.08	0.86	1.03	−20	+29	−29	−18	+47	−15	+37	+29	−19	+ 5	0	1.09
19192		04 06 46.42	−43 21 18.4	9.21		H	61.693 422 05	−43.355 097 38		3.83	−12.15	−11.10	0.73	0.84	0.94	0.94	1.13	+ 4	+ 5	− 9	+ 9	− 4	+10	− 6	+16	− 8	+24	0	1.26
19193		04 06 47.82	+04 53 18.2	8.90		H	61.699 254 91	+04.888 386 14		8.88	−2.52	−34.88	1.27	0.75	1.55	1.86	1.44	+45	+33	+27	+31	+20	+41	+ 6	+27	−43	−24	0	−0.56
19194		04 06 47.97	+65 13 18.6	10.03		H	61.699 881 31	+65.221 824 20		1.83	1.28	−9.61	0.82	0.91	1.38	1.00	1.26	− 2	− 4	− 5	−41	− 6	+12	−13	− 2	+ 3	+16	1	1.24
19195		04 06 49.34	+70 27 38.0	8.67		H	61.705 567 89	+70.460 561 79		0.23	−5.50	−6.93	0.50	0.70	1.00	0.58	0.79	−21	+26	− 5	− 3	− 5	−16	− 2	+ 3	+12	−21	0	−0.05
19196		04 06 51.18	−49 37 42.8	6.86		G	61.713 234 65	−49.628 554 22		9.73	56.02	21.64	0.50	0.47	0.55	0.48	0.50	+ 1	−10	+ 1	−20	− 4	+11	− 6	− 5	+ 2	+ 9	0	−1.68
19197		04 06 52.16	+30 16 24.2	7.57		H	61.717 343 53	+30.273 392 90		4.38	20.95	−23.17	0.85	0.56	0.97	0.98	0.72	+11	+35	− 3	− 2	− 4	−16	− 9	+29	−18	+ 8	0	−0.63
19198	H	04 06 52.42	−33 22 50.7	9.20		H	61.718 416 38	−33.380 747 01	A	15.19	−22.26	−48.30	1.09	1.42	1.55	1.20	1.71	−17	− 8	+16	+ 5	+ 3	+10	+ 4	+ 3	− 4	−18	4	0.05
19199		04 06 54.33	−35 31 39.9	9.05		H	61.726 383 40	−35.527 744 93		1.13	11.89	26.30	0.77	0.89	1.17	0.93	1.12	−13	−25	+23	+10	+ 1	− 5	+11	− 8	−30	+ 2	0	−0.06
19200		04 06 54.49	+08 11 30.4	7.94		H	61.727 060 46	+08.191 787 19		5.72	−4.61	9.32	0.93	0.68	1.01	1.08	0.95	+10	+35	− 5	+ 1	−14	+ 5	− 9	− 5	+14	+19	0	−0.20

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
19101	9.125	0.014	8.919	0.016	A	0.000	0.495	G	0.15	0.05	L *	8.8709	0.0024	0.021	95	*	8.83	8.90		D	04057+4537	I 1	2 C A	AB	187	1.301	0.024	2.15	0.07	
19102	9.685	0.018	9.208	0.018		0.462	0.020	T	0.53	0.02	L	9.2607	0.0023	0.025	119		9.22	9.31					1							S
19103	8.038	0.013	6.829	0.009		1.034	0.012	T	1.01	0.01	L	6.8836	0.0011	0.005	49		6.87	6.90		C			1							S
19104	9.871	0.022	9.340	0.022	*	0.498	0.028	T	0.57	0.03	L *	9.4203	0.0026	0.017	82	*	9.39	9.46		C	04057+0743	H 1	2 C C	AB	37	0.219	0.059	2.45	0.74	
19105	10.401	0.034	9.199	0.022		1.029	0.032	T	1.00	0.03	L	9.2573	0.0176	0.089	78		9.01	9.37	12.68	P 1 A			1							P
19106	9.518	0.019	9.130	0.020		0.367	0.026	T	0.43	0.03	L	9.1681	0.0026	0.024	82		9.13	9.21		C			1 S							S
19107	8.995	0.013	8.480	0.012		0.484	0.016	T	0.56	0.02	L	8.5131	0.0016	0.013	82		8.49	8.54		C	04057+4713	I 1	1							
19108	9.248	0.015	8.978	0.017		0.235	0.015	G	0.27	0.02	A	9.0385	0.0016	0.017	100		9.00	9.06					1							
19109	10.422	0.030	9.874	0.028	*	0.513	0.037	T	0.59	0.04	L *	9.7652	0.0028	0.035	160	*	9.70	9.83		D	04057+6623	I 1	2 C A	AB	141	1.038	0.008	0.66	0.03	G
19110	11.233	0.046	10.769	0.050		0.437	0.062	T	0.51	0.07	L	10.9381	0.0042	0.047	183		10.84	11.03					1 S							G
19111	7.495	0.007	6.437	0.004		0.918	0.004	G	0.92	0.04	E	6.5034	0.0007	0.007	100		6.49	6.52					1							S
19112	8.937	0.019	8.425	0.018	A	0.000	0.495	G	0.49	0.07	S *	8.2524	0.0023	0.014	43	*	8.23	8.27		R	04059+1058	I 1	2 C A	AB	98	2.900	0.011	0.93	0.04	S
19113	10.009	0.021	9.347	0.019		0.604	0.021	T	0.67	0.02	L	9.4255	0.0023	0.023	133		9.38	9.48					1							
19114	9.925	0.026	9.434	0.025		0.462	0.033	T	0.53	0.04	L	9.5119	0.0026	0.019	88		9.48	9.54		C			1							
19115	10.389	0.029	7.848	0.008		2.045	0.022	T	2.08	0.02	L	7.6660	0.0028	0.026	122		7.60	7.70		U 2			1 S							P
19116	9.092	0.021	7.261	0.010		1.555	0.019	T	2.44	0.04	O	7.0596	0.0028	0.037	61		6.99	7.11		U 2			1 S							S
19117	11.437	0.107	10.199	0.061		1.120	0.015	G	1.20	0.02	I	10.1670	0.0044	0.017	44		10.14	10.20		C			1							G
19118	9.734	0.020	8.256	0.011		1.245	0.018	T	1.20	0.02	L	8.2771	0.0023	0.018	123		8.25	8.31					1							S
19119	9.885	0.021	8.838	0.014	*	0.909	0.019	T	0.91	0.01	L *	8.8885	0.0021	0.023	118	*	8.86	8.94			04059−4158	I 1	2 C S A	AB	299	0.179	0.018	1.21	0.38	S
19120	8.789	0.017	8.212	0.016		0.564	0.015	G	0.64	0.01	H	8.2702	0.0011	0.010	47		8.25	8.30		D			1							S
19121	6.352	0.004	6.263	0.005		0.063	0.004	G	0.07	0.00	H	6.2949	0.0007	0.006	86		6.29	6.31		C			1							S
19122	8.027	0.007	7.929	0.009		0.096	0.011	T	0.11	0.01	L	7.9516	0.0013	0.014	136		7.93	7.97		C			1							S
19123	7.955	0.007	7.941	0.009		0.018	0.011	T	0.04	0.01	L	7.9561	0.0014	0.014	146		7.93	7.98		C			1							
19124	9.791	0.027	8.288	0.014		1.264	0.024	T	1.22	0.03	L	8.3136	0.0024	0.017	65		8.29	8.34		C			1							
19125	9.403	0.016	8.858	0.015		0.511	0.020	T	0.58	0.02	L	8.9116	0.0018	0.015	110		8.89	8.94		C			1							
19126	9.797	0.018	8.974	0.014		0.742	0.017	T	0.79	0.01	L	9.0385	0.0018	0.017	135		9.00	9.07		C			1							
19127	6.957	0.006	6.798	0.006		0.153	0.008	T	0.17	0.01	L	6.8273	0.0014	0.009	82		6.81	6.84		C			1							S
19128	7.856	0.007	7.489	0.009		0.360	0.015	G	0.42	0.02	H	7.5345	0.0013	0.014	108		7.51	7.56		U 2			1							S
19129	7.913	0.005	6.057	0.003		1.543	0.005	T	1.60	0.01	L	5.9956	0.0007	0.010	289		5.98	6.01		U 2			1							S
19130	9.642	0.021	9.275	0.022		0.348	0.028	T	0.41	0.04	L	9.3386	0.0030	0.020	76		9.30	9.38		C			1							
19131	10.594	0.030	10.164	0.033		0.406	0.041	T	0.47	0.04	L	10.2769	0.0029	0.037	181		10.18	10.34					1 S							G
19132	10.386	0.031	10.350	0.049		0.160	0.015	G	0.18	0.01	H	10.2902	0.0025	0.024	101		10.24	10.34		C			1							G
19133	10.400	0.029	9.155	0.017		1.062	0.026	T	1.03	0.02	L	9.1782	0.0019	0.019	130		9.15	9.22		C			1							
19134	9.030	0.014	8.467	0.013		0.527	0.017	T	0.60	0.02	L	8.5338	0.0016	0.012	82		8.51	8.55		C			1 G							
19135	8.585	0.012	8.367	0.013		0.200	0.015	G	0.22	0.02	H	8.4185	0.0014	0.012	85		8.40	8.44		D			1							
19136	8.180	0.010	7.626	0.008		0.543	0.015	G	0.62	0.01	H	7.6634	0.0013	0.009	75		7.65	7.68		C			1 G							S
19137	11.536	0.127	9.156	0.027		2.007	0.107	T	1.93	0.55	K	8.8344	0.0098	0.051	63		8.78	8.93		U 2	04061+2444	I 1	1 S							
19138	10.482	0.027	8.897	0.013		1.329	0.024	T	1.29	0.03	L	8.9248	0.0019	0.020	155		8.90	8.96					1 S							
19139	7.053	0.006	6.806	0.006		0.235	0.008	T	0.26	0.01	L	6.8362	0.0010	0.010	111		6.82	6.85		C			1							S
19140	9.614	0.020	8.481	0.013		0.975	0.019	T	0.96	0.01	L	8.5319	0.0025	0.014	67		8.51	8.55					1							S
19141	9.048	0.014	7.980	0.010		0.925	0.013	T	0.92	0.01	L	8.0277	0.0017	0.012	105		8.01	8.05		C			1							S
19142	10.386	0.026	9.358	0.017		0.895	0.023	T	0.90	0.02	L	9.4143	0.0021	0.021	129		9.38	9.45					1							
19143	11.334	0.082	10.053	0.040		0.964	0.020	G	1.01	0.02	I	10.1276	0.0034	0.025	92		10.08	10.17		C			1							G
19144	9.661	0.012	8.497	0.008		0.999	0.011	T	0.98	0.01	L	8.5486	0.0013	0.019	257		8.52	8.59					1							
19145	8.206	0.007	7.793	0.008		0.390	0.010	T	0.46	0.01	L	7.8540	0.0013	0.014	153		7.83	7.88					1							S
19146	10.431	0.044	8.529	0.017		1.579	0.037	T	1.60	0.04	L	8.4340	0.0022	0.014	58		8.41	8.45		C			1							
19147	8.314	0.014	7.789	0.016		0.462	0.017	G	0.53	0.02	H	7.8709	0.0014	0.011	54		7.86	7.89		C			1 G							S
19148	8.577	0.015	7.882	0.013		0.593	0.005	G	0.66	0.02	A	7.9661	0.0020	0.012	47		7.94	7.99		C			1							S
19149	9.165	0.013	7.761	0.008		1.200	0.015	G	1.16	0.01	H	7.7936	0.0012	0.014	126		7.77	7.82					1							S
19150	10.631	0.034	10.168	0.035		0.450	0.038	T	0.52	0.04	L	10.1757	0.0023	0.019	97		10.14	10.21					1							
19151	10.161	0.025	9.082	0.017		0.934	0.023	T	0.93	0.02	L	9.1263	0.0020	0.021	106		9.09	9.16					1							
19152	9.163	0.018	7.654	0.010		1.269	0.016	T	1.23	0.02	L	7.6902	0.0013	0.010	71		7.67	7.71		C			1							S
19153	10.976	0.053	9.327	0.022		1.379	0.045	T	1.35	0.05	L	9.3038	0.0019	0.018	93		9.27	9.33		C			1							
19154	9.176	0.014	8.118	0.010		0.918	0.013	T	0.92	0.01	L	8.1726	0.0011	0.015	113		8.15	8.20		C			1							S
19155	9.807	0.020	9.487	0.022		0.304	0.028	T	0.35	0.04	L	9.4984	0.0024	0.019	126		9.46	9.54		C			1							G
19156	9.785	0.021	9.326	0.021		0.446	0.023	T	0.52	0.02	L	9.3869	0.0023	0.026	113		9.34	9.44					1							S
19157	7.860	0.009	7.359	0.010		0.496	0.015	G	0.57	0.02	H	7.4067	0.0011	0.009	51		7.39	7.43		C	04064+1423	I 1	1							S
19158	10.487	0.029	9.333	0.018		0.991	0.027	T	0.97	0.02	L	9.4236	0.0022	0.023	123		9.38	9.46					1							
19159	8.474	0.012	7.522	0.009	*	0.838	0.011	T	0.86	0.01	L *	7.5338	0.0009	0.010	92	*	7.51	7.55		D	04064+4325	I 1	2 C A	AB	324	0.554	0.002	0.01	0.01	S
19160	9.519	0.018	8.935	0.017	*	0.547	0.018	T	0.62	0.02	L *	8.9393	0.0020	0.020	117	*	8.90	8.97		D	04065−4222	I 1	2 C A	AB	222	0.923	0.010	2.05	0.05	S
19161	8.555	0.011	7.494	0.008	*	0.920	0.011	T	0.92	0.01	L *	7.5468	0.0014	0.015	109	*	7.52	7.57		D	04065+6345	H 1	2 C A	AB	179	0.306	0.030	2.84	0.36	S
19162	9.410	0.021	8.982	0.022		0.418	0.025	T	0.48	0.03	L	9.0220	0.0027	0.019	56		9.00	9.09		C			1							
19163	10.198	0.054	8.117	0.020		1.710	0.020	G	1.69	0.02	J	7.9975	0.0030	0.017	53		7.97	8.02					1							
19164	9.816	0.016	9.360	0.016		0.430	0.021	T	0.50	0.02	L	9.4100	0.0029	0.035	162		9.36	9.50		U	04066+7202	I 1	1 S							
19165	11.299	0.066	9.849	0.029		1.206	0.000	G	1.37	0.02	A	9.8009	0.0034	0.029	106		9.75	9.84		C			1							
19166	11.459	0.094	11.070	0.107		0.575	0.107	G	0.65	0.10	R	10.8673	0.0047	0.031	75		10.78	10.91		C			1							G
19167	4.273	0.002	4.276	0.002		−0.011	0.008	G	0.08	0.03	C	4.2801	0.0004	0.004	89		4.27	4.29		C			1							S
19168	10.127	0.025	10.050	0.034		0.060	0.015	G	0.07	0.01	H	10.1167	0.0032	0.033	120		10.04	10.17					1							
19169	9.792	0.023	9.431	0.026		0.342	0.032	T	0.40	0.04	L	9.5225	0.0026	0.026	103		9.48	9.58		C			1							G
19170	10.707	0.042	10.030	0.035		0.626	0.045	T	0.69	0.04	L	10.1450	0.0027	0.023	104		10.10	10.17					1							
19171	5.016	0.003	5.158	0.004		−0.124	0.004	T	−0.11	0.01	L	5.1397	0.0021	0.011	88		5.13	5.16	7.23	P 1 A			1							S P
19172	7.566	0.006	6.423	0.005		0.983	0.006	T	0.96	0.01	L	6.4721	0.0012	0.007	86		6.46	6.48		C			1							S
19173	8.448	0.008	7.863	0.007	*	0.546	0.010	T	0.62	0.01	L *	7.8964	0.0014	0.017	169	*	7.86	7.92		D	04066+6501	I 1	2 C A	AB	165	0.886	0.008	2.27	0.03	S
19174	8.464	0.013	6.752	0.006		1.429	0.011	T	1.42	0.02	L	6.7365	0.0012	0.010	91		6.72	6.75					1							S
19175	7.925	0.014	7.508	0.010		0.379	0.012	G	0.44	0.01	H	7.5714	0.0016	0.007	51		7.56	7.59		C			1							S
19176	10.359	0.048	9.592	0.037		0.699	0.047	T	0.76	0.04	L	9.7096	0.0042	0.020	55		9.67	9.75					1							
19177	6.341	0.003	6.155	0.003		0.145	0.009	G	0.17	0.03	C	6.1945	0.0006	0.007	182		6.18	6.21					1							S
19178	7.075	0.006	7.036	0.007		0.035	0.008	T	0.05	0.01	L	7.0637	0.0020	0.014	72		7.05	7.08	0.91	P 1 A			1							S P
19179	9.759	0.018	8.595	0.012		0.999	0.017	T	0.98	0.01	L	8.6272	0.0015	0.017	117		8.60	8.66					1							
19180	11.165	0.094	9.694	0.042		1.239	0.081	T	1.20	0.08	L	9.6736	0.0057	0.022	51		9.63	9.70					1 S							
19181	9.605	0.018	9.415	0.022		0.182	0.027	T	0.20	0.03	L	9.4273	0.0020	0.025	153		9.38	9.47					1							
19182	8.203	0.011	8.001	0.013		0.193	0.016	T	0.21	0.02	L	8.0479	0.0014	0.011	66		8.03	8.07		C			1							S
19183	8.399	0.011	7.887	0.008		0.481	0.012	T	0.55	0.01	L	7.9365	0.0021	0.012	71		7.92	7.96		C			1							S
19184	9.874	0.020	8.707	0.013		1.001	0.019	T	0.98	0.01	L	8.7607	0.0015	0.016	121		8.74	8.79		C			1							
19185	10.047	0.031	8.602	0.017		1.219	0.028	T	1.18	0.03	L	8.6390	0.0017	0.015	72		8.62	8.67		C			1							
19186			8.541	0.013		1.000	0.040	G	1.32	0.03	L	7.9192	0.0014	0.010	86		7.90	7.94		C			1							
19187	9.051	0.021	8.516	0.019		0.502	0.025	T	0.57	0.03	L	8.5461	0.0028	0.012	44		8.53	8.57		C			1							
19188	8.665	0.010	7.966	0.009	*	0.632	0.015	G	0.70	0.01	H *	8.0120	0.0013	0.010	111	*	7.99	8.03		D	04067−8044	I 1	2 C A	AB	37	0.225	0.004	0.26	0.08	S
19189	9.334	0.017	8.703	0.015	*	0.587	0.020	T	0.66	0.02	L *	8.6339	0.0014	0.017	81	*	8.61	8.66		D	04067+0541	I 1	2 C A	AB	86	1.407	0.006	0.42	0.02	S
19190	9.200	0.013	8.605	0.011		0.555	0.013	T	0.63	0.01	L	8.6648	0.0016	0.018	149		8.64	8.71					1							S
19191	9.136	0.015	8.215	0.011		0.794	0.002	G	0.83	0.00	H	8.2819	0.0019	0.018	117		8.26	8.32					1							
19192	9.687	0.018	9.229	0.018		0.445	0.020	T	0.51	0.02	L	9.3090	0.0020	0.021	127		9.28	9.34		C			1							
19193	9.439	0.015	8.936	0.015		0.473	0.019	T	0.54	0.02	L	9.0009	0.0012	0.016	96		8.97	9.02		D			1							
19194	12.377	0.137	10.238	0.030		1.768	0.112	T	1.79	0.12	L	10.1395	0.0027	0.031	178		10.08	10.19					1 S							G
19195	8.880	0.008	8.695	0.009		0.177	0.011	T	0.19	0.01	L	8.7333	0.0017	0.021	216		8.70	8.78					1 G							
19196	7.322	0.005	6.907	0.004		0.405	0.015	G	0.47	0.02	H	6.9569	0.0011	0.011	117		6.94	6.97					1							S
19197	9.541	0.023	7.750	0.011		1.540	0.015	G	1.59	0.03	H	7.6914	0.0013	0.009	69		7.68	7.70		C			1							S
19198	10.055	0.024	9.297	0.019	A	0.717	0.096	G	0.70	0.04	L *	9.3341	0.0019	0.022	132	*	9.29	9.38		D	04069−3323	H 1	2 C D	AB	347	1.563	0.074	3.69	0.28	D
19199	10.353	0.029	9.132	0.017		1.043	0.026	T	1.01	0.02	L	9.2220	0.0030	0.024	112		9.19	9.28					1							
19200	9.729	0.029	8.115	0.015		1.352	0.026	T	1.32	0.03	L	8.0937	0.0017	0.012	46		8.07	8.11		C			1							

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	μα* mas/yr (12)	μδ mas/yr (13)	σ α* mas (14)	σ δ mas (15)	σ π mas (16)	σ μα* mas/yr (17)	σ μδ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	F1 % (29)	F2 (30)
19201	H	04 06 55.82	+33 26 47.0	6.70	2	H	61.732 603 98	+33.446 384 72	A	3.89	4.41	−6.55	1.28	0.96	1.31	1.50	1.38	+22	+10	+15	+21	+40	+39	+21	+58	+33	+73	4	0.87
19202	H	04 06 58.12	−21 59 38.5	6.65		H	61.742 161 32	−21.994 032 96	A	7.18	15.20	−12.14	1.24	1.16	1.11	1.10	1.24	−25	+7	−5	−16	+22	−15	+20	+12	−5	−10	1	0.27
*19203		04 06 58.94	+69 28 27.3	9.52		H	61.745 590 40	+69.474 262 61		6.93	−29.40	22.95	0.63	1.09	1.41	0.71	1.30	−29	+8	+6	−1	−19	−8	−14	+20	−1	−49	0	1.40
*19204		04 06 58.91	−15 59 21.1	7.82		H	61.745 450 49	−15.989 203 20		3.03	33.46	−21.56	0.82	0.64	1.01	0.84	0.71	−15	+32	−37	+29	+25	+2	+21	+32	−20	−7	0	0.92
19205		04 07 00.52	+29 00 04.6	5.21		H	61.752 155 74	+29.001 287 62		36.26	−94.03	4.90	0.88	0.86	1.00	1.02	1.12	+59	+11	−31	+45	+58	−44	+41	+77	−50	+69	0	2.44
19206	H	04 07 00.63	−10 00 00.4	6.88		H	61.752 643 11	−10.000 110 25	*	24.00	−127.56	−141.56	0.77	0.67	0.92	1.02	1.05	+28	+26	−7	+15	−23	+3	−28	−32	−3	+25	0	1.70
19207		04 07 01.15	+15 20 06.3	10.49		G	61.754 793 66	+15.335 077 66		23.57	122.63	−18.96	1.87	1.38	2.26	2.06	1.53	+4	+35	−40	−5	−8	−3	−13	−1	−10	+21	0	0.51
19208		04 07 03.30	+54 11 04.0	9.61		H	61.763 750 49	+54.184 445 29		8.26	141.21	−300.92	1.32	0.98	1.66	2.08	1.62	−26	+16	−5	−6	−14	+30	−2	+21	−22	−68	0	2.09
19209		04 07 03.71	−40 45 12.0	10.94		G	61.765 461 03	−40.753 346 75		19.91	−66.72	320.52	1.39	1.39	1.73	1.72	1.71	+5	−9	+9	−28	−10	+12	−17	−29	+8	+20	0	2.38
19210		04 07 03.81	−31 43 53.9	8.67	1	H	61.765 855 44	−31.731 635 62		11.28	27.20	190.24	0.61	0.78	1.03	0.73	1.04	+6	+7	−6	+14	+8	+11	+7	+18	−14	+30	0	0.59
19211	H	04 07 04.40	−28 48 40.1	8.36		H	61.768 338 22	−28.811 127 30	A	0.39	10.18	6.59	1.51	1.56	2.08	1.58	1.81	−9	+12	+10	+2	−16	−7	−17	+15	+4	−14	3	0.64
19212		04 07 06.17	−44 56 44.3	8.35		G	61.775 690 35	−44.945 638 86		15.64	26.53	15.83	0.65	0.65	0.78	0.70	0.78	−13	−18	+6	−8	−10	+25	−17	+25	+19	−3	0	−0.44
19213		04 07 06.27	−46 17 53.4	8.01		G	61.776 111 87	−46.298 178 03		12.07	23.53	42.07	0.62	0.60	0.69	0.72	0.72	−19	+13	−16	+26	−6	−9	−9	+31	−10	+7	0	0.96
19214		04 07 06.80	+36 20 36.1	9.28		H	61.778 312 93	+36.343 351 24		0.48	6.29	−10.21	1.17	0.71	1.30	1.66	1.17	−19	+15	−22	+25	−16	+9	−18	+38	+2	−5	0	0.28
19215		04 07 07.74	+38 27 15.6	8.98		G	61.782 255 40	+38.454 321 96		9.04	20.04	−32.76	1.04	0.62	1.27	1.17	0.97	+4	+27	−6	+12	+4	−1	−9	+41	−19	+25	0	0.26
19216		04 07 08.46	+21 15 46.5	8.76		H	61.785 232 98	+21.262 908 48		2.34	30.68	−7.08	1.23	0.85	1.44	1.41	1.08	−6	+37	−26	−11	+9	−30	−7	−1	−22	+15	0	1.22
19217		04 07 08.72	+10 47 59.6	7.97		H	61.786 313 07	+10.799 885 18		14.57	28.56	−81.94	1.03	0.77	1.17	1.30	1.15	+7	+5	−26	+16	−30	+6	−26	−13	+36	+26	0	−0.23
19218		04 07 09.47	−31 18 03.6	10.52	2	G	61.789 468 60	−31.300 990 13		7.86	161.45	37.34	1.15	1.33	1.86	1.36	1.69	+4	+7	+4	−6	−3	−3	−1	+0	−31	+9	0	2.58
19219		04 07 09.93	+27 30 33.9	8.55		H	61.791 367 01	+27.509 417 17		15.39	−105.64	−77.69	1.76	1.42	1.70	1.89	1.44	+32	+48	+14	+29	+24	+27	+15	+41	−2	+36	0	−0.69
*19220		04 07 10.71	−67 10 15.3	8.91		H	61.794 607 46	−67.170 919 03		1.51	9.45	13.06	0.70	0.73	0.74	0.91	0.95	−21	+6	−17	−18	+5	+3	+7	−9	+9	−34	0	1.17
*19221		04 07 10.64	+13 48 44.6	8.84		G	61.794 331 57	+13.812 377 24		4.65	7.16	−19.16	1.19	0.87	1.30	1.49	1.08	+2	+28	−23	+2	+12	+2	+8	+20	−19	−6	0	1.14
19222		04 07 10.72	+74 00 01.9	6.49		H	61.794 677 80	+74.000 517 43		7.97	26.52	−65.22	0.40	0.47	0.61	0.44	0.60	−18	+22	−12	−6	+1	+7	+3	+1	+4	−12	0	1.42
19223		04 07 11.17	+12 16 05.6	7.70		H	61.796 549 69	+12.268 234 81		4.60	16.12	−23.35	0.88	0.68	0.95	0.98	0.86	+19	+35	−2	+12	+7	−1	+5	+23	−2	+24	0	0.66
19224		04 07 12.03	+56 44 17.3	7.15		H	61.800 145 72	+56.738 134 61		13.36	126.79	−184.25	0.68	0.56	0.83	0.81	0.78	−10	+15	−19	+21	−9	+4	−9	+22	+3	+5	0	0.36
19225		04 07 13.25	+51 37 47.2	9.14		H	61.805 205 22	+51.629 789 87		6.39	31.69	−30.15	1.12	0.89	1.37	1.38	1.17	−19	+21	−37	+30	−12	+5	−17	+55	−27	−12	0	−0.29
19226		04 07 15.74	−09 45 28.1	6.77		H	61.815 586 61	−09.757 803 86		6.05	−10.72	−9.42	0.74	0.68	0.93	0.97	1.13	+28	+26	−20	+16	−8	+14	+2	−15	+5	+54	0	1.11
19227		04 07 15.89	−01 05 19.6	9.61		H	61.816 198 66	−01.088 786 44		4.04	−13.31	−9.72	1.09	0.76	1.23	1.48	1.36	+44	+17	+4	+13	−5	−20	−11	−1	−12	+49	0	0.05
19228		04 07 18.63	−28 41 24.2	9.08		H	61.827 618 30	−28.690 044 06		5.08	−13.30	4.27	0.66	0.79	1.13	0.72	1.04	−12	+1	+1	+0	−14	+7	−16	−2	−6	−9	1	1.75
19229		04 07 18.78	+13 32 18.0	7.87		H	61.828 247 53	+13.538 328 37		7.28	−25.06	−7.44	1.19	0.74	1.24	1.32	0.96	−4	+44	−20	−11	+25	−12	+18	+23	−15	−3	0	1.74
19230		04 07 19.45	−36 08 35.9	8.36		G	61.831 022 63	−36.143 302 46		5.36	−10.95	8.04	0.65	0.72	0.92	0.68	0.82	−9	−9	+13	−9	+16	−3	+17	−4	−29	+9	0	0.24
19231		04 07 19.60	−60 26 50.2	9.24	2	H	61.831 683 91	−60.447 284 16		0.41	−9.42	15.53	0.82	0.85	0.91	0.85	0.87	−12	+12	+0	−31	+23	−11	+18	−12	−9	+6	1	−0.53
19232		04 07 20.76	−27 25 30.2	8.49		G	61.836 519 59	−27.425 069 12		21.79	−62.89	−242.44	0.59	0.75	1.12	0.64	0.94	−28	+13	−4	−9	−25	−9	−22	+17	+6	−48	0	0.57
19233		04 07 21.29	−64 13 23.2	6.37		G	61.838 718 77	−64.223 109 52		43.12	185.91	336.76	0.45	0.47	0.50	0.46	0.51	−13	+6	−22	−10	−7	+18	−4	+6	−18	−17	0	0.10
19234		04 07 22.17	−59 43 49.7	8.56		G	61.842 388 95	−59.730 460 38		7.13	−7.84	14.25	0.68	0.65	0.73	0.70	0.71	−13	+26	+3	−10	+12	−14	+10	−15	−9	−5	1	0.08
19235		04 07 22.36	−02 22 02.0	8.54		H	61.843 147 48	−02.367 218 23		11.87	46.95	14.37	0.92	0.67	1.11	1.36	1.03	+31	+21	+1	+9	+11	−13	+15	+25	+2	+1	0	−0.64
19236		04 07 23.52	−26 18 00.0	8.98		H	61.848 002 51	−26.300 000 07		4.17	−11.65	10.07	0.64	0.72	1.06	0.81	1.07	−11	+14	−2	−5	+10	+0	+9	+2	−15	−16	0	0.42
19237		04 07 23.64	+75 10 32.8	7.22		H	61.848 509 43	+75.175 790 40		18.30	167.84	−307.80	0.39	0.46	0.57	0.42	0.57	−16	+8	+2	−11	+6	+10	+7	−2	−7	−28	0	1.07
19238		04 07 23.79	−39 29 55.0	8.84	2	H	61.849 132 90	−39.498 609 19		1.94	6.27	10.20	0.68	0.77	0.92	0.76	0.89	+5	−1	−3	−7	+6	−12	+5	+3	−5	+23	0	0.64
19239		04 07 24.34	+43 16 41.2	8.41		H	61.851 419 56	+43.278 100 67		4.71	−3.09	−8.62	0.88	0.66	1.11	1.02	0.84	+22	+16	−27	−13	−4	+19	−5	+21	−3	+41	0	−1.56
19240		04 07 24.50	+33 05 16.7	9.16		H	61.852 095 61	+33.087 978 33		4.57	4.79	−5.32	1.23	1.00	1.37	1.48	1.33	+51	+2	−18	+0	+2	+10	+0	+26	−11	+55	0	−1.17
19241		04 07 24.94	+62 23 26.6	7.94		G	61.853 934 42	+62.390 718 61		6.60	19.85	−20.83	0.62	0.74	1.02	0.78	0.97	+17	+14	−17	+9	−4	+7	−2	+27	+1	+16	3	1.32
19242	H	04 07 25.24	−42 55 00.5	6.59		G	61.855 173 69	−42.916 810 40	*	7.48	1.20	13.65	1.38	1.12	0.78	0.76	0.87	+23	+0	+8	+29	−5	+13	−6	+1	−3	+10	0	0.20
19243		04 07 25.72	+74 38 12.0	6.80		H	61.857 159 72	+74.636 654 30		5.49	26.24	−46.51	0.43	0.51	0.63	0.47	0.68	−21	+16	−1	−6	+0	+5	−2	−8	−1	−30	0	2.60
19244		04 07 26.12	+48 55 40.9	9.05		H	61.858 819 45	+48.928 023 76		2.92	1.04	−9.57	0.88	0.64	1.16	1.18	0.97	−9	+31	−15	−10	+2	−19	−3	+15	−13	−13	0	0.67
19245		04 07 27.24	+62 21 44.9	10.72		G	61.863 492 05	+62.362 458 52		3.03	−1.61	2.10	1.45	1.71	2.47	1.82	2.24	+15	+9	−4	+13	−1	+6	+1	+36	+16	+14	0	0.25
19246	H	04 07 28.34	−66 26 42.7	8.09		H	61.868 066 35	−66.445 185 55	A	3.12	12.66	−5.55	1.01	1.10	1.02	0.89	1.13	−10	+43	−12	+1	+1	+5	−4	+23	−5	−5	1	−0.11
19247		04 07 28.43	+57 20 33.4	9.11		H	61.868 474 55	+57.342 602 06		11.20	−44.93	−31.21	0.86	0.78	1.13	1.10	1.01	−7	+9	−21	+30	−34	+19	−33	+34	−6	−4	0	0.46
19248		04 07 29.06	−52 34 15.2	8.59	2	H	61.871 086 56	−52.570 885 84		28.67	146.98	−221.70	0.76	0.77	0.83	0.93	0.96	−15	+23	−19	−12	−6	−2	−4	−14	+1	−11	0	−0.40
19249		04 07 29.27	−06 00 26.8	6.91		H	61.871 978 09	−06.007 431 01		7.60	−1.47	21.71	0.74	0.60	0.95	0.99	0.92	+33	+15	−25	+27	+17	−25	+5	+27	−25	+44	0	−1.19
*19250		04 07 30.23	−83 06 56.7	9.77		H	61.875 945 85	−83.115 736 91		10.00	77.09	93.00	0.79	0.82	0.98	0.90	1.23	−17	+25	−14	−24	−8	−6	−7	−31	+11	+8	2	−1.14
*19251	H	04 07 30.14	−15 26 24.9	8.49		H	61.875 573 12	−15.440 236 78	A	1.84	3.32	4.76	2.31	5.17	1.74	1.68	1.52	+9	+33	−11	+27	+5	+9	+13	+32	−2	−9	2	0.20
19252		04 07 30.27	−35 00 03.9	9.69		H	61.876 124 45	−35.001 093 91		6.33	82.73	1.74	0.81	1.07	1.29	0.86	1.20	−10	+2	+1	−5	+2	+19	+2	−8	−14	−1	0	0.75
19253		04 07 31.21	+85 37 17.1	8.70		H	61.880 061 18	+85.621 412 35		11.61	30.80	3.13	0.59	0.72	0.79	0.57	0.76	−11	+20	+16	−9	+6	+21	+1	−21	−8	−14	0	−0.73
19254		04 07 32.29	−35 23 30.0	7.72		H	61.884 544 30	−35.391 667 83		1.83	15.38	30.66	0.57	0.65	0.84	0.74	0.82	−13	−5	+13	+10	−3	+5	−1	−11	−28	−11	0	0.21
19255	H	04 07 34.22	+38 04 30.3	7.13		G	61.892 603 09	+38.075 087 67	A	48.59	172.94	−226.60	1.17	0.76	1.17	1.01	0.89	−23	+29	−13	+19	+1	+0	−12	+42	−2	+22	1	−0.20
19256		04 07 37.43	−37 03 43.0	6.71		H	61.905 966 05	−37.061 949 83		1.96	3.40	−0.67	0.47	0.50	0.63	0.53	0.55	−11	+4	+1	−15	+14	−5	+14	−17	−15	+7	1	1.42
19257		04 07 39.47	+09 29 38.8	11.49		G	61.914 470 25	+09.494 122 48		18.55	−50.75	−35.61	4.44	2.48	4.56	4.54	3.71	−13	+59	−19	+22	−29	−8	−44	+11	−32	+10	7	0.82
19258	H	04 07 40.88	−75 51 43.5	9.19		H	61.920 349 45	−75.862 083 10	A	5.48	101.82	123.39	2.18	3.72	2.31	2.34	5.06	−9	+10	−5	−16	+2	+27	+8	−5	−18	−33	3	1.76
19259		04 07 41.03	+65 51 06.8	8.98		H	61.920 939 36	+65.851 877 34		3.07	−3.57	−5.00	0.64	0.75	1.22	0.73	1.00	−6	+9	+1	−31	+6	−4	+3	+8	+19	+7	0	−0.29
19260		04 07 41.74	−01 37 18.0	9.07	2	H	61.923 904 67	−01.621 656 58		1.71	−1.70	−7.26	1.10	0.80	1.27	1.53	1.39	+51	+19	+3	+26	+21	−12	+22	+34	+9	+43	2	1.95
19261	H	04 07 41.91	+15 09 46.2	6.02		G	61.924 609 42	+15.162 843 28	A	21.27	127.06	−22.75	0.93	0.81	1.03	1.14	0.89	+31	+20	−44	−10	−24	+32	−6	−23	+26	+47	1	0.36
19262		04 07 43.00	+21 15 45.9	9.18		G	61.929 183 05	+21.262 738 91		6.29	−5.40	−48.19	1.25	0.92	1.44	1.53	1.23	+7	+22	−13	−3	+2	−24	−7	−5	−26	+17	0	−0.69
19263		04 07 43.12	+16 31 07.9	9.94		G	61.929 685 53	+16.518 850 52		19.70	123.10	−25.25	1.51	1.07	1.68	1.65	1.23	+20	+37	−5	+4	−11	−21	−22	+0	−23	+14	0	0.46
19264		04 07 45.13	+51 27 10.1	7.65		G	61.938 051 30	+51.452 811 44		2.21	2.11	−3.43	0.96	0.72	0.95	1.28	0.93	−28	+10	−22	+58	−25	−9	−29	+65	−10	−22	3	1.28
19265		04 07 45.32	+80 58 35.3	7.96		H	61.938 836 03	+80.976 469 41		2.47	−6.46	−2.87	0.51	0.60	0.71	0.57	0.72	−9	+25	−4	+0	+3	+10	+6	−8	+13	−7	0	1.00
19266		04 07 45.50	+04 19 10.9	9.18		H	61.939 602 07	+04.319 700 87		7.27	−9.21	−5.27	1.23	0.74	1.30	1.68	1.39	+37	+29	+11	+14	+16	+17	+18	+38	−16	+10	0	−0.41
19267		04 07 46.78	+02 43 32.5	8.79		H	61.944 903 32	+02.725 708 33		2.88	11.70	−34.89	1.27	0.83	1.34	2.23	2.43	+55	+30	+8	+19	+38	−4	+16	+50	−8	+80	0	−0.15
19268		04 07 47.16	−23 06 17.6	9.46		H	61.946 498 74	−23.104 888 92		2.01	4.82	4.09	0.81	0.80	1.31	0.99	1.06	−21	+15	−7	−49	+28	−3	+25	−3	−3	−13	2	0.46
19269		04 07 47.45	−69 47 15.7	10.62		H	61.947 698 87	−69.787 685 79		−0.84	0.79	−3.64	1.19	1.31	1.30	1.24	1.61	−12	+4	−19	−21	+8	+6	+10	−15	+1	−3	0	−1.65
19270		04 07 49.29	+62 19 58.6	7.08	3	H	61.955 355 25	+62.332 952 89	B	3.03	−1.06	−5.54	4.52	5.16	5.60	5.26	6.42	+13	+10	−12	+8	+6	+12	+5	+28	+11	+25	2	−0.07
19271		04 07 51.10	+05 41 34.4	9.61		H	61.962 909 99	+05.692 902 68		9.27	−5.76	−80.28	1.67	0.90	1.81	1.60	1.36	+34	+55	+24	+23	+11	−11	+6	+42	−13	+14	0	−0.51
19272		04 07 51.39	+62 19 48.4	6.95	2	H	61.964 143 34	+62.330 107 52	A	0.48	0.13	−2.25	10.24	12.51	7.69	7.54	9.40	+21	+8	−10	−5	+14	+5	+9	+28	+3	+30	2	−0.07
19273		04 07 51.42	−62 45 45.2	8.90		H	61.964 236 41	−62.762 544 71		6.16	42.32	21.53	0.68	0.72	0.74	0.63	0.79	−9	+6	−17	−45	+15	+3	+14	−23	+7	+19	0	0.16
19274		04 07 51.68	−27 33 51.7	8.73		H	61.965 340 70	−27.564 371 62		2.74	−16.45	−0.68	0.61	0.87	1.31	0.69	1.12	−22	+1	−12	+1	−21	+3	−23	+1	+11	−37	1	0.63
*19275		04 07 51.76	−73 13 40.6	11.53		G	61.965 667 89	−73.227 955 09		0.77	7.41	12.17	1.72	2.00	1.99	2.11	2.45	−4	+14	−22	+0	+13	−13	+9	+8	−4	+7	4	0.53
*19276		04 07 51.76	+62 16 29.6	10.75		G	61.965 654 43	+62.274 898 79		5.33	0.00	−1.31	1.55	1.87	2.67	2.19	2.71	+14	−2	−19	+8	+9	+9	+9	+35	+3	+23	0	0.98
19277		04 07 52.79	−58 31 37.4	7.95		H	61.969 937 84	−58.527 056 17		1.35	5.68	14.24	0.65	0.62	0.70	0.67	0.70	+0	+25	−11	−13	+8	−17	+6	−1	−4	+3	0	0.61
19278		04 07 53.16	−12 09 36.6	11.44		G	61.971 515 85	−12.160 169 06		−0.93	3.78	11.32	2.70	2.25	2.93	3.78	3.18	+39	+11	−13	−25	−18	+1	−19	−29	−4	+31	7	−0.98
19279		04 07 53.21	+69 51 54.2	8.48		H	61.971 726 16	+69.865 042 22		4.39	−6.04	−11.40	0.49	0.70	0.96	0.54	0.78	−22	+5	−4	−7	+3	+2	+1	+14	−2	−15	2	1.00
19280		04 07 53.49	+04 17 50.4	8.23		H	61.972 868 55	+04.297 339 12		6.51	−6.31	−6.59	1.08	0.64	1.10	1.42	1.14	+36	+32	+10	+16	+13	+13	+19	+46	−10	+5	0	−1.25
19281		04 07 54.67	+16 31 50.3	7.60		G	61.977 790 16	+16.530 645 30		5.82	−3.09	−13.68	0.91	0.71	1.03	1.00	0.79	+28	+34	−7	+5	−3	−25	−12	+11	−21	+27	0	1.80
19282		04 07 57.94	−04 11 01.9	8.30		H	61.991 402 98	−04.183 866 63		1.18	4.48	−3.84	0.83	0.63	1.01	1.01	1.01	+42	+35	+10	+4	+8	+0	+9	+15	+3	+36	0	0.91
19283		04 07 58.06	−50 10 32.2	7.83		H	61.991 923 22	−50.175 612 08		2.98	3.15	11.29	0.57	0.56	0.64	0.58	0.60	−3	+8	+2	−6	−7	+9	−9	+2	−5	+8	0	1.67
19284	H	04 07 59.41	+17 20 23.7	5.89		G	61.997 547 52	+17.339 921 01	A	9.46	7.66	−10.06	1.07	0.77	1.06	1.16	0.87	−4	+34	−16	−17	+23	−5	+16	+9	−31	−22	4	0.42
19285		04 07 59.73	+01 13 24.0	9.39		H	61.998 857 23	+01.223 342 80		6.08	2.06	12.20	1.23	0.74	1.35	1.57	1.38	+23	+9	−11	+15	−14	+12	−18	+6	+24	+27	0	−0.29
19286		04 08 01.53	+48 47 59.1	8.44		H	62.006 377 88	+48.799 737 95		2.05	1.38	−3.04	0.82	0.62	1.03	1.13	0.92	+9	+17	−10	+10	+8	−15	+4	+33	−18	+11	0	1.37
*19287		04 08 01.78	+43 10 46.1	7.05		H	62.007 415 69	+43.179 478 45		7.16	68.72	−97.26	0.70	0.54	0.88	0.77	0.67	+18	+23	−34	−5	−8	+11	−12	+14	−3	+45	0	1.05
*19288		04 08 01.72	−36 37 43.7	9.30		H	62.007 159 84	−36.628 815 55		−0.18	17.84	16.54	0.82	0.80	0.99	0.93	1.00	−24	−15	+11	−36	+20	+20	+18	−14	−19	−9	0	1.48
19289		04 08 04.21	+79 37 00.1	8.29		H	62.017 524 49	+79.616 699 94		12.13	199.37	−63.41	0.62	0.68	0.85	0.64	0.87	−5	+13	+8	+8	+9	+6	+13	+9	+31	−4	0	−0.48
19290		04 08 06.19	−12 09 06.4	10.92		H	62.025 771 43	−12.151 765 01		4.99	−0.66	−9.40	2.45	1.87	2.81	3.30	2.49	+25	+23	+1	−18	+5	−6	−1	−9	−26	+5	2	−0.39
19291		04 08 06.57	+36 57 59.9	9.03		H	62.027 377 95	+36.966 638 18		2.94	−5.12	−7.03	0.96	0.63	1.19	1.13	0.99	−4	+26	−30	+8	+18	−23	−5	+46	−22	+41	0	−1.06
19292		04 08 06.76	−53 46 43.7	9.83		G	62.028 150 87	−53.778 815 22		19.44	12.09	−187.69	0.96	0.97	1.07	1.23	1.19	−1	−4	−18	+3	+5	−8	+3	−13	−2	−9	0	1.07
19293		04 08 10.71	−65 34 36.9	7.85		H	62.044 604 93	−65.576 903 76		2.08	25.22	21.35	0.59	0.61	0.64	0.63	0.70	+1	+11	−16	+3	−3	+11	−5	+26	−16	+9	1	1.71
19294		04 08 11.57	−48 20 44.5	7.83		H	62.048 209 48	−48.345 681 75		3.76	5.60	−15.64	0.62	0.61	0.70	0.68	0.71	−12	+13	−13	−14	+2	+8	+4	+0	+3	−13	0	−1.19
19295		04 08 11.57	−42 51 14.5	8.30		G	62.048 219 13	−42.854 021 56		8.30	−12.86	17.92	0.61	0.69	0.77	0.77	0.90	−4	+3	−2	+16	−9	+11	−9	+15	+1	+0	0	−0.07
19296		04 08 11.82	+26 35 53.7	10.96	2	H	62.049 266 64	+26.598 261 93		−0.89	11.48	−6.54	2.06	1.32	2.30	2.73	2.28	+49	+17	−11	−23	−20	+3	−27	+5	−19	+51	0	−0.50
19297		04 08 12.31	−25 23 33.5	9.08		H	62.051 307 27	−25.392 625 20		1.77	5.36	−10.53	0.69	0.88	1.35	0.83	1.21	−13	+13	+9	+0	+10	+12	+7	+0	−23	−14	0	−1.18
19298		04 08 13.10	+43 11 28.3	6.57		H	62.054 599 53	+43.191 184 40		7.88	9.20	−18.93	0.66	0.53	0.86	0.75	0.65	+20	+18	−32	−2	−7	+14	−9	+19	−5	+40	2	1.49
19299		04 08 14.25	+22 01 16.5	8.88		H	62.059 361 86	+22.021 236 17		6.04	−40.39	−14.13	1.16	0.89	1.30	1.53	1.21	−3	+14	−26	−24	+9	−2	+6	−18	−23	+6	0	−0.18
19300		04 08 14.36	−49 10 56.6	9.28		H	62.059 847 88	−49.182 384 04		9.55	101.62	23.06	0.77	0.91	0.95	0.89	1.04	+1	+0	+13	−13	−1	+3	+0	+1	+3	−5	1	−0.83

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
19201	6.707	0.006	6.719	0.007	*	−0.009	0.008	T	0.01	0.01	L *	6.7085	0.0014	0.012	83	*	6.69	6.86		P 1 A	04069+3327	I 1	2 C A	AB	226	0.803	0.008	1.81	0.02	S
19202	6.947	0.004	6.691	0.005	*	0.240	0.006	T	0.27	0.01	L *	6.7221	0.0008	0.007	151	*	6.71	6.74		D	04070−2200	I 1	2 C A	AB	115	0.441	0.003	0.81	0.01	S
19203	10.106	0.018	9.561	0.017		0.511	0.022	T	0.58	0.02	L	9.6330	0.0020	0.028	236		9.57	9.67					1						
19204	8.355	0.012	7.864	0.012		0.465	0.015	G	0.54	0.02	H	7.9234	0.0015	0.012	92		7.90	7.94		C			1						S
19205	5.621	0.003	5.253	0.003		0.359	0.004	T	0.42	0.00	L	5.2963	0.0007	0.006	69		5.29	5.31		C			1						S
19206	7.566	0.008	6.957	0.006	*	0.576	0.004	G	0.65	0.00	H *	7.0019	0.0012	0.008	66	*	6.99	7.02		D	04070−1000	H 1	2 C S A	AB	287	0.178	0.012	1.32	0.24	S
19207	12.138	0.207	10.651	0.093		1.180	0.015	G	1.30	0.03	I	10.6168	0.0034	0.033	54		10.56	10.66		C			1						G
19208	10.281	0.034	9.691	0.032		0.551	0.041	T	0.62	0.04	L	9.7323	0.0033	0.027	83		9.69	9.79					1						G
19209	12.130	0.171	11.168	0.108		1.143	0.020	G	1.32	0.01	A	11.0839	0.0051	0.046	119		11.00	11.16					1 G						G
19210	9.195	0.012	8.729	0.012		0.470	0.002	G	0.54	0.00	H	8.7713	0.0021	0.020	144		8.73	8.82		U			1						S
19211	9.043	0.013	8.597	0.013	*	0.434	0.014	T	0.50	0.01	L *	8.4609	0.0017	0.020	168	*	8.42	8.50		D	04071−2849	I 1	2 C A	AB	175	1.415	0.004	0.09	0.01	S
19212	9.021	0.012	8.425	0.011		0.570	0.001	G	0.62	0.02	A	8.4717	0.0015	0.012	117		8.45	8.50					1						S
19213	8.535	0.009	8.053	0.009		0.466	0.010	T	0.54	0.01	L	8.1168	0.0012	0.012	122		8.10	8.14		C			1						S
19214	9.478	0.016	9.300	0.019		0.171	0.023	T	0.19	0.02	L	9.3419	0.0019	0.021	126		9.31	9.39					1						
19215	9.403	0.017	9.017	0.017		0.357	0.024	G	0.42	0.03	H	9.0928	0.0020	0.018	104		9.05	9.13					1						
19216	10.328	0.046	8.894	0.023		1.210	0.040	T	1.17	0.04	L	8.9268	0.0027	0.015	52		8.90	8.95					1						
19217	8.509	0.017	8.026	0.016		0.480	0.015	G	0.55	0.02	H	8.0767	0.0011	0.010	46		8.06	8.09		C			1						S
19218	11.047	0.046	10.288	0.037		−0.310	0.015	G	−0.34	0.02	H	10.3887	0.0040	0.053	129		10.31	10.47		U	04072−3118	I 1	1 G						G
19219	9.369	0.035	8.618	0.028		0.686	0.035	T	0.74	0.03	L	8.6861	0.0021	0.016	77		8.65	8.71		C			1 G						
19220	10.468	0.032	9.035	0.017		1.209	0.028	T	1.17	0.03	L	9.0789	0.0015	0.013	104		9.05	9.10		C			1						
19221	9.589	0.035	8.936	0.031		0.662	0.015	G	0.72	0.01	H	8.9770	0.0027	0.014	45		8.95	9.00		C			1						
19222	7.739	0.006	6.603	0.004		0.977	0.006	T	0.96	0.01	L	6.6527	0.0008	0.008	161		6.64	6.67					1						S
19223	7.811	0.011	7.717	0.018		0.092	0.020	T	0.10	0.02	L	7.7419	0.0014	0.008	57		7.73	7.75		C			1						S
19224	8.350	0.011	7.258	0.007		0.944	0.010	T	0.93	0.01	L	7.3094	0.0009	0.006	77		7.30	7.33		C			1						
19225	9.664	0.018	9.146	0.018		0.486	0.023	T	0.56	0.02	L	9.2500	0.0019	0.021	88		9.22	9.29		C			1						
19226	8.273	0.009	6.897	0.007		1.177	0.020	G	1.14	0.02	H	6.9320	0.0011	0.011	72		6.91	6.95		C			1						S
19227	10.144	0.028	9.671	0.028		0.446	0.036	T	0.52	0.04	L	9.7113	0.0019	0.014	95		9.69	9.73					1						
19228	9.710	0.017	9.142	0.015		0.535	0.017	T	0.61	0.02	L	9.1988	0.0022	0.022	167		9.16	9.25					1						
19229	8.240	0.020	7.901	0.018		0.310	0.020	G	0.36	0.03	H	7.9468	0.0013	0.008	37		7.93	7.97		D			1 S						S
19230	8.689	0.011	8.404	0.011		0.269	0.002	G	0.30	0.00	H	8.4397	0.0023	0.020	120		8.41	8.48					1						S
19231	11.574	0.092	9.564	0.025		1.702	0.079	T	2.85	0.79	K	9.1926	0.0242	0.162	103		9.01	9.54		U 2			1 S						
19232	9.536	0.011	8.564	0.008		0.832	0.001	G	0.87	0.00	H	8.6454	0.0015	0.020	235		8.61	8.69					1						
19233	7.148	0.004	6.451	0.004		0.636	0.003	G	0.70	0.02	A	6.5030	0.0007	0.006	110		6.49	6.51					1						S
19234	9.131	0.015	8.594	0.014		0.486	0.012	G	0.56	0.01	H	8.6706	0.0014	0.012	93		8.64	8.69					1						S G
19235	9.151	0.013	8.579	0.012		0.535	0.016	T	0.61	0.02	L	8.6564	0.0018	0.016	111		8.63	8.69					1						S
19236	9.456	0.015	9.006	0.015		0.438	0.017	T	0.51	0.02	L	9.0815	0.0020	0.020	149		9.04	9.11					1						
19237	7.839	0.005	7.276	0.005		0.531	0.005	T	0.60	0.01	L	7.3320	0.0007	0.009	168		7.32	7.35		C			1						S
19238	10.987	0.045	9.091	0.016		1.608	0.039	T	2.58	0.06	O	8.8529	0.0059	0.075	129		8.75	9.00	50.82	P 1 A			1 S						P
19239	8.555	0.012	8.427	0.014		0.124	0.017	T	0.14	0.02	L	8.4616	0.0014	0.015	95		8.44	8.50					1						
19240	9.321	0.019	9.187	0.024		0.129	0.029	T	0.14	0.03	L	9.2075	0.0023	0.018	71		9.18	9.24		C			1						
19241	8.016	0.010	7.919	0.012		0.087	0.014	T	0.10	0.01	L	7.9678	0.0014	0.015	102		7.95	7.99					1						S
19242	7.755	0.006	6.699	0.005	*	0.899	0.041	G	0.93	0.00	A *	6.7537	0.0010	0.010	122	*	6.74	6.77			04074−4255	H 1	2 C C	AB	44	0.257	0.053	3.46	0.42	S
19243	8.028	0.007	6.906	0.005		0.966	0.007	T	0.95	0.01	L	6.9669	0.0006	0.008	157		6.95	6.98					1						S
19244	9.460	0.019	9.092	0.020		0.380	0.015	G	0.44	0.02	H	9.1350	0.0019	0.015	89		9.11	9.17		C			1						
19245	11.410	0.102	11.064	0.117		0.531	0.020	G	0.60	0.02	H	10.8351	0.0051	0.041	96		10.77	10.91					1						D
19246	9.440	0.017	8.225	0.011	A	1.061	0.134	G	0.99	0.02	L *	8.2573	0.0020	0.013	102	*	8.23	8.28			04075−6627	H 1	2 C B	AB	144	1.356	0.036	3.73	0.26	S
19247	9.841	0.025	9.179	0.021		0.604	0.025	T	0.67	0.02	L	9.2444	0.0017	0.017	106		9.22	9.28		C			1						
19248	9.754	0.018	8.706	0.012		0.944	0.004	G	0.99	0.00	I	8.7337	0.0038	0.034	113		8.69	8.78	0.72	P 1 A			1 G						P
19249	7.083	0.006	6.925	0.006		0.152	0.008	T	0.17	0.01	L	6.9601	0.0010	0.011	79		6.94	6.98					1						S
19250	10.565	0.034	9.821	0.027		0.666	0.033	T	0.73	0.03	L	9.9059	0.0021	0.023	109		9.87	9.95					1						
19251	9.758	0.022	8.605	0.015	*	0.990	0.021	T	0.97	0.02	L *	8.6532	0.0018	0.017	90	*	8.62	8.68		C	04075−1526	H 1	2 C A	AB	187	0.301	0.027	2.79	0.36	
19252	10.631	0.038	9.770	0.028		0.755	0.036	T	0.80	0.03	L	9.8248	0.0030	0.028	112		9.77	9.89					1						
19253	9.306	0.013	8.739	0.012		0.530	0.016	T	0.60	0.02	L	8.8177	0.0021	0.017	133		8.79	8.85					1						
19254	8.900	0.012	7.809	0.008		0.943	0.011	T	0.93	0.01	L	7.8771	0.0014	0.011	116		7.86	7.91		C			1						S
19255	8.261	0.010	7.293	0.007	A	0.865	0.008	G	0.91	0.01	H *	7.2659	0.0010	0.012	131	*	7.25	7.28		D	04075+3803	I 1	2 C A	AB	4	1.964	0.006	2.38	0.02	S
19256	8.405	0.009	6.850	0.006		1.305	0.009	T	1.27	0.01	L	6.8630	0.0011	0.010	137		6.84	6.88					1						S
19257						1.165	0.007	G	1.13	0.01	H	11.6210	0.0100	0.043	37		11.38	11.69					1						G
19258	10.140	0.025	9.349	0.020	*	0.701	0.024	T	0.76	0.02	L *	9.3323	0.0020	0.022	96	*	9.29	9.37		D	04077−7552	I 1	2 C A	AC	348	0.627	0.004	0.23	0.01	
19259	9.224	0.014	8.990	0.016		0.223	0.020	T	0.25	0.02	L	9.0514	0.0018	0.021	158		9.02	9.09					1						
19260	10.510	0.032	9.221	0.018		1.096	0.029	T	1.06	0.03	L	9.2417	0.0033	0.026	113		9.20	9.29		U			1						
19261	6.447	0.007	6.009	0.008	*	0.397	0.004	G	0.46	0.00	H *	6.0877	0.0008	0.006	52	*	6.08	6.10		D	04077+1510	I 1	2 C A	AB	222	3.753	0.016	2.96	0.05	S
19262	9.938	0.039	9.218	0.034		0.630	0.015	G	0.70	0.01	H	9.3368	0.0024	0.014	51		9.31	9.36		C			1						
19263	11.098	0.082	9.912	0.045		1.005	0.012	G	1.06	0.01	I	10.0622	0.0034	0.019	54		10.02	10.10		C			1						G
19264	7.657	0.007	7.637	0.009		0.027	0.007	G	0.04	0.01	H	7.6595	0.0013	0.011	83		7.64	7.68		C			1						S
19265	8.107	0.008	7.984	0.009		0.119	0.011	T	0.13	0.01	L	8.0077	0.0012	0.013	133		7.99	8.03		C			1						
19266	9.617	0.018	9.199	0.019		0.395	0.024	T	0.46	0.03	L	9.2704	0.0018	0.017	98		9.24	9.30		C			1						
19267	10.542	0.036	8.934	0.017		1.347	0.031	T	1.31	0.04	L	8.9391	0.0016	0.015	93		8.91	8.96		C			1						
19268	9.424	0.011	9.437	0.015		−0.010	0.016	T	0.01	0.01	L	9.4687	0.0018	0.022	200		9.43	9.52					1						
19269	12.195	0.168	10.725	0.072		1.040	0.015	G	1.01	0.01	H	10.7871	0.0030	0.030	96		10.74	10.86					1						G
19270	7.351	0.011	6.967	0.011	B	0.375	0.014	T	0.44	0.01	L	7.0884	0.0431			B			2.70	P 1	04078+6220	I 2	1 C I B						S P
19271	10.342	0.043	9.693	0.037		0.602	0.049	T	0.67	0.04	L	9.7374	0.0029	0.016	68		9.71	9.77		C			1						
19272	7.367	0.007	6.959	0.007	A	0.386	0.009	T	0.45	0.01	L	7.0419	0.0420	0.191	109	A	6.79	7.34		U 2	04078+6220	I 2	1 C P B						S
19273	9.566	0.020	8.965	0.018		0.560	0.020	T	0.63	0.02	L	9.0282	0.0020	0.016	94		8.99	9.05					1						
19274	10.333	0.020	8.868	0.011		1.234	0.018	T	1.19	0.02	L	8.8978	0.0018	0.024	223		8.85	8.94					1						S
19275						1.630	0.040	G	1.76	0.16	K	11.7000	0.0078	0.064	91		11.59	11.80					1						G
19276	11.233	0.076	10.620	0.070		0.948	0.015	G	0.94	0.01	H	10.8904	0.0046	0.043	102		10.82	10.97		C			1 S						D
19277	9.694	0.020	8.099	0.010		1.337	0.018	T	1.30	0.02	L	8.1016	0.0013	0.010	102		8.08	8.13		C			1						S
19278						1.080	0.020	G	1.04	0.02	H	11.6464	0.0069	0.043	77		11.54	11.73					1						G
19279	8.672	0.007	8.500	0.008		0.165	0.010	T	0.18	0.01	L	8.5409	0.0015	0.019	227		8.51	8.58					1						
19280	8.699	0.011	8.259	0.011		0.415	0.014	T	0.48	0.01	L	8.3257	0.0014	0.013	101		8.30	8.35		C			1						S
19281	7.721	0.009	7.616	0.013		0.102	0.005	G	0.12	0.01	H	7.6454	0.0013	0.008	56		7.63	7.66		C			1						S
19282	10.126	0.031	8.438	0.014		1.410	0.027	T	1.39	0.03	L	8.4453	0.0011	0.012	85		8.42	8.47					1						
19283	9.838	0.019	8.001	0.009		1.528	0.017	T	1.57	0.04	L	7.9532	0.0017	0.014	120		7.93	7.97					1						S
19284	7.854	0.013	6.062	0.007	*	1.497	0.015	G	1.50	0.09	H *	6.0288	0.0014	0.007	52	*	6.02	6.04		D	04080+1720	I 1	2 C B	AB	327	4.661	0.034	3.80	0.18	S
19285	10.019	0.027	9.482	0.026		0.604	0.015	G	0.67	0.01	H	9.5185	0.0015	0.018	89		9.49	9.54		C			1						
19286	9.885	0.025	8.592	0.015		1.100	0.023	T	1.06	0.02	L	8.6043	0.0016	0.015	82		8.58	8.63		C			1						
19287	8.637	0.012	7.185	0.007		1.224	0.011	T	1.18	0.01	L	7.2136	0.0010	0.008	103		7.20	7.23			04081+4311	I 2	1						S
19288	11.280	0.073	9.437	0.024		1.533	0.061	T	1.58	0.13	L	9.4208	0.0015	0.018	116		9.38	9.45					1						
19289	8.953	0.011	8.347	0.010		0.565	0.013	T	0.64	0.01	L	8.4144	0.0020	0.018	133		8.39	8.46			04081+7937	I 1	1						
19290	12.616	0.349	10.942	0.103							T	11.0702	0.0070	0.046	77		11.00	11.14		C			1 S						G
19291	9.306	0.012	9.056	0.014		0.238	0.017	T	0.27	0.02	L	9.1002	0.0013	0.016	129		9.07	9.14		C			1						
19292	11.070	0.055	9.947	0.033		0.915	0.005	G	0.96	0.01	I	9.9763	0.0031	0.021	91		9.93	10.01		C			1						
19293	9.664	0.018	8.019	0.009		1.376	0.016	T	1.35	0.02	L	7.9952	0.0015	0.012	105		7.98	8.02					1						S
19294	8.976	0.012	7.922	0.009		0.915	0.011	T	0.91	0.01	L	7.9873	0.0012	0.012	111		7.96	8.00					1						S
19295	8.685	0.010	8.327	0.011		0.332	0.014	G	0.38	0.02	A	8.3859	0.0014	0.015	115		8.36	8.41					1						S
19296						1.500	0.510	G	3.20	0.98	K	10.8058	0.0161	0.122	96		10.56	11.01		U 2			1						G P
19297	10.918	0.038	9.249	0.016		1.395	0.033	T	1.37	0.04	L	9.2306	0.0022	0.025	172		9.18	9.27					1						S
19298	6.541	0.004	6.558	0.004		−0.011	0.005	T	0.01	0.01	L	6.5778	0.0008	0.007	100		6.56	6.59		C	04081+4311	I 2	1						S
19299	9.447	0.023	8.942	0.022		0.475	0.029	T	0.55	0.03	L	8.9797	0.0008	0.015	51		8.96	9.00		D			1						
19300	9.969	0.020	9.336	0.018		0.583	0.020	T	0.65	0.02	L	9.4104	0.0020	0.020	113		9.37	9.46		C			1						

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
19301		04 08 14.51	+44 39 47.4	7.70		H	62.060 437 94	+44.663 161 82		33.43	−298.48	−135.61	0.81	0.59	1.01	0.78	0.72	+0	+45	−29	+8	+16	+2	+11	+31	−1	+36	5	2.11
19302		04 08 15.46	+37 43 40.7	6.07		H	62.064 423 82	+37.727 971 71		22.66	−100.33	−197.03	0.58	0.40	0.70	0.62	0.57	+8	+33	−24	+8	+16	−9	−2	+42	−21	+45	2	−0.21
19303		04 08 16.27	−33 15 29.4	9.43		H	62.067 774 35	−33.258 173 86		2.06	14.65	9.04	0.75	0.93	1.16	0.96	1.22	−13	−2	+13	+4	+1	+12	+0	−11	−10	−8	0	−0.30
19304		04 08 16.46	+63 50 09.4	8.81		H	62.068 587 24	+63.835 935 30		1.98	1.18	2.42	0.69	0.92	1.18	0.87	1.15	+22	−5	−7	+11	+2	+15	+4	+34	−6	+17	0	1.20
19305	H	04 08 17.16	−32 51 24.6	7.43		G	62.071 493 93	−32.856 833 42	B	7.68	11.30	14.81	1.29	1.59	1.49	1.22	1.55	−7	+2	+2	+4	+1	+11	+0	−2	−5	+17	2	0.84
19306		04 08 18.24	+32 27 36.0	7.52	1	H	62.076 015 02	+32.459 991 15		7.46	8.64	4.43	0.83	0.64	0.91	0.78	0.75	+42	+36	+8	+20	+29	+6	+20	+52	−13	+45	0	−1.26
19307		04 08 19.21	+41 29 25.7	7.89		H	62.080 042 83	+41.490 479 99		4.40	10.89	−7.02	0.88	0.68	1.08	1.20	0.94	+14	+7	−20	+10	−16	−4	−18	+35	−4	+16	0	0.93
19308	H	04 08 20.65	+19 44 15.6	7.69		H	62.086 024 55	+19.737 656 27	A	3.58	−9.44	−4.37	1.22	0.85	1.26	1.30	0.96	−3	+50	−28	+14	−2	−8	−12	+32	−26	+20	0	0.31
19309		04 08 21.26	−48 12 38.9	9.17		H	62.088 587 60	−48.210 794 49		3.06	−6.51	−32.28	0.87	0.85	0.98	0.93	1.01	−9	+28	−4	−18	+0	−1	−1	+10	+2	−4	1	1.60
19310		04 08 21.27	−21 07 43.9	8.30		H	62.088 622 83	−21.128 862 90		1.41	16.72	−1.68	0.74	0.77	1.09	0.79	1.00	−15	+35	−29	−8	+48	−18	+32	+41	−15	+26	0	0.09
19311		04 08 23.01	−41 28 56.4	9.18		H	62.095 886 16	−41.482 340 50		7.36	−49.15	−34.96	0.82	0.88	1.04	0.87	1.00	+25	+4	+14	−22	−2	+6	−4	−15	−3	+40	2	0.85
19312		04 08 23.03	−51 20 55.9	9.52		H	62.095 971 84	−51.348 870 20		9.02	30.48	18.05	0.79	0.85	0.92	0.87	0.94	−1	−19	+3	+0	−2	−4	−3	+3	+6	+18	0	1.68
19313		04 08 23.26	+08 19 49.3	9.99		H	62.096 927 70	+08.330 366 96		2.37	−7.52	−10.51	1.84	1.44	1.96	2.24	2.10	+6	+22	−7	+20	−14	−2	−16	+10	−1	+25	0	0.21
19314		04 08 24.22	+60 52 36.0	7.46	2	H	62.100 920 39	+60.876 679 34		0.77	−2.50	−2.00	0.52	0.59	0.81	0.61	0.74	+23	+12	−7	+33	+21	−5	+15	+48	−22	+36	0	0.11
19315		04 08 25.64	+46 21 57.5	8.64		H	62.106 818 82	+46.365 974 30		1.09	0.71	−6.68	0.92	0.64	1.17	1.07	0.87	+0	+17	−6	+6	−2	+14	−4	+11	−13	+6	0	0.15
19316		04 08 26.60	+12 11 30.7	11.28		G	62.110 816 99	+12.191 871 75		24.90	115.35	−13.05	2.31	1.83	2.59	2.87	2.36	+13	+7	−27	−4	+4	+5	+5	+8	−9	+21	0	−0.28
19317		04 08 27.47	+31 31 57.5	8.56		H	62.114 477 74	+31.532 641 19		8.70	−2.41	3.03	1.04	0.67	1.18	1.07	0.84	+22	+37	+7	+21	+3	+3	−3	+44	−13	+16	0	2.15
19318		04 08 27.59	+49 53 00.5	8.06		G	62.114 947 63	+49.883 458 75		10.36	59.24	−112.54	0.94	0.63	1.18	0.94	0.77	−26	+51	−32	+16	−9	−13	−25	+41	−23	−1	0	0.64
19319		04 08 27.74	−30 58 01.2	9.71		H	62.115 600 38	−30.967 013 16		1.15	12.66	2.64	0.86	1.13	1.61	0.85	1.52	−18	+11	−5	−2	−3	−1	−13	+18	−44	+9	1	1.71
19320		04 08 27.81	−40 06 00.1	8.35		H	62.115 878 00	−40.100 035 75		0.93	−2.45	−12.11	0.70	0.72	0.98	1.00	0.82	−4	−10	−15	+5	−13	+35	−7	−7	+7	+5	0	−0.68
19321	H	04 08 27.83	+62 24 23.7	9.58		G	62.115 964 34	+62.406 590 84	A	−2.68	0.15	0.27	2.52	3.22	3.55	2.84	3.52	−9	+2	−19	+18	+10	−3	+9	+29	+1	+15	3	0.07
19322		04 08 27.90	+50 56 33.3	7.70		H	62.116 262 48	+50.942 582 77		2.65	12.08	−12.54	0.85	0.71	1.03	1.04	0.85	−9	+20	−31	+34	−6	−22	−16	+57	−27	+8	0	2.40
19323		04 08 29.79	+46 41 26.4	8.79		H	62.124 138 31	+46.690 669 73		2.49	−3.78	−5.87	1.09	0.73	1.28	1.50	1.05	−10	+24	−18	+15	−10	+8	−8	+17	+1	−20	0	0.77
19324		04 08 30.62	−68 42 08.0	8.38		H	62.127 570 92	−68.702 229 44		6.51	38.56	4.73	0.60	0.68	0.68	0.64	0.80	+0	+7	−20	+0	+10	−6	+9	+4	−7	+13	0	−0.17
*19325		04 08 30.80	+12 20 19.4	8.61		G	62.128 346 43	+12.338 719 81		31.12	154.82	−336.33	1.11	0.84	1.24	1.31	1.09	+12	+25	−18	−4	+4	+7	+2	+8	−7	+27	0	0.40
*19326		04 08 30.79	+00 15 41.1	10.90		H	62.128 303 98	+00.261 414 73		2.10	−20.78	−42.83	2.33	1.33	2.46	3.10	2.40	+32	+30	−2	−1	−27	+14	−34	−5	−7	+14	2	3.02
19327		04 08 31.42	−57 21 38.1	9.56		G	62.130 913 31	−57.360 591 06		19.52	−42.36	−190.65	1.02	0.93	1.05	1.29	1.16	+0	+2	+0	−16	+7	+14	+7	−15	−7	−4	0	−0.33
19328		04 08 32.07	+08 26 41.6	9.36		H	62.133 623 88	+08.444 888 32	A	2.35	−13.87	−12.72	2.64	2.24	2.45	3.03	2.89	+8	+17	−19	+26	−21	+5	−14	+20	−7	+23	1	0.67
19329		04 08 32.81	−04 01 07.3	9.14		H	62.136 688 96	−04.018 694 29		0.22	−3.18	5.48	1.11	0.87	1.30	1.52	1.41	+45	+18	+18	+12	+8	+14	+6	+12	−3	+25	2	−0.93
19330		04 08 33.45	−71 38 24.4	8.64		H	62.139 377 20	−71.640 106 08		10.38	38.97	106.68	0.59	0.63	0.67	0.68	0.71	−3	−7	−12	−25	−4	+33	−3	+9	−6	+3	1	1.82
19331	H	04 08 33.82	−45 51 53.5	6.58		G	62.140 912 32	−45.864 857 07	A	19.83	70.36	23.86	0.57	0.56	0.60	0.53	0.59	+5	+11	+9	+7	−2	−15	−6	+22	−15	+19	1	0.11
19332		04 08 33.87	+26 50 35.0	11.00	2	H	62.141 112 42	+26.843 062 16		−1.32	3.95	−2.27	2.25	1.41	2.69	3.23	2.52	+49	+15	−16	−22	−25	+26	−29	+6	−20	+44	0	1.19
19333		04 08 35.81	−59 31 35.5	9.71		H	62.149 228 67	−59.526 530 74		39.03	−83.22	−119.12	0.88	0.84	0.93	0.98	0.95	−5	+23	−6	−10	+9	−9	+8	−15	+0	−3	5	1.85
19334		04 08 36.16	−51 34 20.8	9.98		G	62.150 663 26	−51.572 436 38		14.23	135.98	−111.07	0.92	1.00	1.05	1.13	1.21	−11	−8	−4	+12	−2	−10	−2	−9	−1	−9	1	−0.16
19335		04 08 36.49	+38 02 24.8	5.52	1	H	62.152 062 21	+38.040 227 96		46.87	163.93	−203.52	0.61	0.45	0.77	0.65	0.55	+24	+38	−10	+3	+14	−22	+3	+41	−16	+41	2	−1.72
19336		04 08 36.67	+33 43 44.6	7.95		H	62.152 804 14	+33.729 052 24		7.16	−14.91	4.71	1.10	0.86	1.26	1.57	1.21	+37	+14	−18	+28	+7	+24	+12	+42	+8	+46	0	0.05
19337		04 08 37.03	+33 38 12.2	10.18		G	62.154 290 45	+33.636 730 08		73.01	524.64	126.47	1.93	1.40	2.19	2.63	1.91	+26	+10	−22	+26	−5	+14	−3	+39	−3	+29	0	2.69
19338		04 08 37.45	−02 41 01.3	10.21		G	62.156 054 67	−02.683 706 44	B	4.32	16.92	−0.18	8.69	6.05	5.64	7.94	6.44	+57	+32	+26	−3	+13	−9	+24	+21	−6	+23	0	−0.23
19339		04 08 37.61	−34 07 09.6	7.99		H	62.156 689 02	−34.119 347 05		1.76	−1.28	5.49	0.55	0.65	0.77	0.61	0.81	−21	+13	+7	−19	+12	−1	+12	−16	−8	−17	0	0.68
19340		04 08 38.75	+53 21 39.4	7.30	2	H	62.161 447 15	+53.360 937 35		−1.04	1.09	−3.46	0.67	0.53	0.90	0.74	0.71	+1	+20	−6	−11	+6	+19	+4	+18	−22	−3	2	0.08
19341		04 08 39.02	+25 52 40.0	7.20		H	62.162 593 15	+25.877 773 82		2.02	−4.10	−1.33	0.87	0.60	1.07	0.99	0.95	+42	+18	−17	−13	+2	−10	−9	+21	−39	+51	0	0.27
19342		04 08 39.13	−02 41 14.5	8.97		G	62.163 022 04	−02.687 366 89	A	−0.95	7.25	−0.74	2.50	1.71	2.31	3.09	2.56	+58	+32	+26	−2	+15	−10	+25	+22	−7	+25	0	−0.23
*19343		04 08 39.67	+47 42 45.3	3.96	1	H	62.165 305 27	+47.712 593 59		5.89	20.19	−33.26	0.58	0.45	0.72	0.65	0.63	+9	+19	−17	−9	+10	+1	+4	+17	−25	+26	0	0.94
*19344		04 08 39.66	−54 38 17.2	8.95		H	62.165 250 32	−54.638 117 95		10.39	−21.06	27.69	0.72	0.69	0.77	0.89	0.86	+7	−5	−22	−20	−16	+8	−12	−7	+8	−12	3	0.59
19345		04 08 39.87	+39 42 45.0	8.45		H	62.166 116 34	+39.712 487 19		1.13	13.87	−2.56	0.91	0.61	1.13	1.11	1.00	+13	+16	−7	+10	+11	+5	+3	+39	−18	+28	0	0.10
19346		04 08 41.30	+43 41 02.9	7.62		H	62.172 085 13	+43.684 145 77		2.79	−14.21	31.44	0.81	0.63	1.00	0.97	0.78	+20	+9	−26	+7	−12	−2	−14	+17	+1	+27	0	0.59
19347		04 08 41.90	+00 46 59.4	7.94		H	62.174 585 72	+00.783 154 36		9.01	5.18	−62.62	0.92	0.59	1.01	1.20	1.07	+21	+25	−11	+1	−12	+8	−10	+0	+22	+36	4	−0.99
19348		04 08 42.10	+10 05 58.0	6.79		H	62.175 403 84	+10.099 442 61		4.51	−20.03	−36.13	0.94	0.75	1.06	1.23	1.07	+25	+20	−12	−6	−24	−19	−25	−22	+6	+33	0	1.52
19349		04 08 42.47	−20 03 51.1	8.60		H	62.176 959 91	−20.064 189 82		2.85	15.18	−31.95	0.90	0.96	1.37	0.91	1.26	+10	+8	+5	−46	+38	−23	+40	+34	−11	+20	0	1.22
19350		04 08 43.25	−76 36 27.4	9.21		H	62.180 213 39	−76.607 619 40		0.91	0.38	3.75	0.80	0.78	0.85	0.88	0.98	−18	+26	−24	−3	+3	−2	+3	+10	−4	−21	1	−1.30
19351		04 08 44.20	−47 23 39.2	7.55		H	62.184 147 53	−47.394 220 09		2.50	−1.27	8.53	0.58	0.61	0.68	0.78	0.72	−10	+7	−14	+4	−5	+12	−2	+18	−5	−22	0	−1.63
19352		04 08 45.16	−56 33 14.9	8.76		H	62.188 156 81	−56.554 139 92		0.55	21.08	15.50	0.68	0.76	0.79	0.81	0.96	+3	−1	−14	+5	−3	−8	−5	+7	+2	+3	0	−1.28
19353		04 08 45.83	−58 29 14.5	9.46		H	62.190 977 91	−58.487 366 46		2.79	19.29	26.02	0.88	0.78	0.92	0.97	0.96	+1	+29	−14	−4	+12	−15	+10	+2	−1	+5	0	−1.09
19354		04 08 46.58	−08 40 12.9	7.15		G	62.194 067 35	−08.670 249 63		7.36	−7.62	−4.60	0.78	0.68	1.01	1.02	1.21	+28	+30	−21	+17	+3	+15	+5	+11	+0	+55	0	1.62
19355		04 08 47.12	+06 46 53.5	9.03		H	62.196 339 48	+06.781 519 91		0.64	−1.12	8.68	1.47	0.96	1.46	1.53	1.28	+10	+50	+5	+41	−9	+0	−18	+40	−17	+2	0	−0.67
19356		04 08 47.32	+50 12 01.7	6.95		H	62.197 158 13	+50.200 482 61		6.95	−14.99	−7.00	0.74	0.53	0.88	0.76	0.64	−12	+35	−28	+24	−4	−2	−14	+41	−18	+14	0	0.51
19357		04 08 48.05	+46 09 57.4	9.80		H	62.200 191 55	+46.165 933 65		−0.55	−5.68	−0.88	1.18	0.83	1.47	1.48	1.18	−7	+10	−10	−6	−4	+11	−5	+6	−12	−6	0	−0.39
19358		04 08 49.49	+17 17 30.3	7.64		H	62.206 225 08	+17.291 754 64		9.37	14.44	−40.14	0.99	0.68	1.10	1.11	0.81	+11	+41	−14	−8	+7	−9	−1	+5	−18	+6	0	2.58
19359		04 08 49.60	+10 27 49.4	8.76		H	62.206 679 01	+10.463 714 72		3.45	−10.34	−22.81	2.69	2.53	1.78	3.20	3.64	+68	−7	−29	−38	−69	+11	−76	−77	+31	+58	0	2.28
19360		04 08 49.94	−17 56 43.0	8.09		H	62.208 069 37	−17.945 268 36		6.19	12.19	13.06	0.94	0.76	1.03	1.15	1.00	−3	+8	+3	+59	+1	−19	+3	+52	+16	−20	0	1.48
19361		04 08 51.72	+23 52 16.2	6.97		G	62.215 499 26	+23.871 165 04		7.19	52.10	−11.03	0.83	0.58	0.93	0.92	0.77	+20	+32	−5	−7	−6	−11	−14	+10	−12	+41	0	1.61
19362		04 08 52.67	+14 32 48.3	10.20		H	62.219 471 24	+14.546 762 50		−0.28	−0.24	−8.20	1.79	1.57	1.88	2.31	1.96	+40	+4	−32	+36	+39	−25	+34	+60	−22	+40	0	−0.91
19363	H	04 08 53.50	+23 05 55.1	6.87		H	62.222 899 69	+23.098 646 33	A	4.08	17.33	−25.93	2.22	1.61	2.06	2.30	1.91	+28	−8	−24	−12	−26	+15	−25	−20	+30	+36	11	1.50
19364		04 08 54.23	+33 58 44.7	9.31		H	62.225 946 71	+33.979 081 13		4.57	0.95	−6.60	1.30	0.98	1.47	1.82	1.32	+33	+1	−18	+14	−4	+16	+0	+35	+11	+35	0	−0.25
19365		04 08 54.31	+29 11 26.7	8.27		H	62.226 297 46	+29.190 760 80		10.68	84.78	−38.77	1.10	0.92	1.43	1.37	1.33	+19	+26	−45	+16	+34	−30	+0	+63	−48	+59	0	0.71
19366	H	04 08 54.55	+46 13 40.2	7.33		H	62.227 274 35	+46.227 828 49	*	6.65	21.99	−34.88	1.04	0.80	0.96	0.89	0.82	−12	+2	−3	−2	−7	+19	−6	+10	−21	−6	1	0.37
19367		04 08 55.37	+20 23 10.0	9.37		H	62.230 728 52	+20.386 121 73		6.16	23.25	−51.07	1.52	0.86	1.73	1.39	1.10	−5	+62	−16	−7	−4	−22	−28	+9	−35	+17	0	1.33
19368		04 08 55.44	−19 07 54.9	8.62		H	62.230 982 01	−19.131 920 67		2.67	−0.07	1.06	0.95	0.98	1.29	1.08	1.35	+4	+4	−30	−47	+38	−14	+20	+31	−21	+39	0	−0.99
19369		04 08 56.29	−62 33 44.3	8.94		H	62.234 526 27	−62.562 310 34		8.02	−21.34	13.88	0.67	0.67	0.72	0.63	0.72	−4	+7	−2	−48	+20	+3	+8	−1	+3	+29	0	−1.33
19370		04 08 56.82	+41 30 14.5	6.98		H	62.236 754 06	+41.504 015 07		3.35	−11.44	−0.18	0.76	0.59	0.99	1.02	0.84	+4	+13	−35	+18	−9	+8	−12	+38	−7	+19	0	0.20
19371		04 08 57.16	−28 54 33.7	7.88		H	62.238 159 92	−28.909 366 23		11.03	−27.81	−46.56	0.53	0.64	0.91	0.55	0.81	−18	+2	+4	+6	−20	+2	−24	+19	+2	−18	1	−1.02
19372		04 08 58.61	+87 17 51.5	9.64		H	62.244 208 73	+87.297 644 16		2.31	7.15	−8.10	0.74	0.88	0.99	0.86	1.06	−3	−5	+24	−3	+14	+29	+7	+19	−3	+1	0	−0.26
19373		04 09 00.07	+04 59 28.0	10.28		H	62.250 279 53	+04.991 117 91		8.15	−34.37	−7.64	1.80	1.17	1.85	2.30	1.82	+8	+35	+1	+22	+7	+5	+8	+28	+1	+8	3	1.66
19374		04 09 00.18	−25 01 04.1	8.15		H	62.250 758 26	−25.017 797 79		1.67	−0.85	−1.73	0.53	0.72	1.04	0.65	0.96	−17	−1	+7	−8	+10	−1	+11	+2	−3	−23	0	−0.98
19375		04 09 01.26	−17 36 47.7	7.99		G	62.255 259 65	−17.613 254 53		14.44	−29.29	−33.46	0.93	0.77	1.11	1.08	1.03	−1	+35	+5	+41	+3	−3	+13	+47	+24	−17	0	−1.18
19376		04 09 01.56	+13 23 53.9	5.94	1	H	62.256 502 73	+13.398 298 29		7.32	14.76	−7.30	0.85	0.55	0.92	0.97	0.72	+19	+44	+6	−9	+14	+2	+9	+15	−17	−3	0	1.29
19377		04 09 03.12	+71 20 37.3	7.60		H	62.262 994 82	+71.343 685 96		2.94	−5.87	−0.97	0.40	0.53	0.71	0.41	0.61	−13	+24	−8	−14	−6	−3	−4	+4	+12	−10	3	1.38
19378		04 09 03.39	−15 53 27.0	7.46		H	62.264 128 53	−15.890 840 33		1.28	43.89	−4.90	0.94	0.68	1.01	1.04	0.79	+7	+36	−21	+59	+25	+8	+21	+56	−12	+6	0	−0.17
19379		04 09 05.15	−04 42 26.2	8.83	1	H	62.271 472 85	−04.707 277 76		2.81	25.53	−22.41	1.06	1.03	1.47	1.30	1.27	+48	+5	−32	+10	+8	−15	−2	+5	−33	+41	0	1.22
19380		04 09 06.72	−48 28 33.9	8.53	2	G	62.277 995 51	−48.476 094 17		3.15	11.92	24.37	0.68	0.73	0.79	0.79	0.89	−11	+11	+0	−14	−1	−7	−1	+1	−4	−10	0	−0.39
19381		04 09 06.95	−13 17 16.5	9.11		H	62.278 965 84	−13.287 918 75	A	4.04	−5.59	4.03	2.45	2.05	2.63	2.91	2.64	+2	+29	−12	+11	−18	+21	−16	−8	+6	+5	2	0.63
19382		04 09 07.44	+27 06 56.2	8.74		H	62.280 993 97	+27.115 612 08		6.07	−26.70	51.80	1.13	0.74	1.26	1.62	1.19	+26	+15	−4	+7	−18	−3	−20	+20	−18	+12	0	0.20
19383		04 09 07.74	−16 23 59.5	8.16		G	62.282 230 30	−16.399 874 58		6.31	18.98	175.20	0.91	0.70	1.03	0.89	0.86	−7	+30	−18	+39	+17	+8	+21	+41	−5	+6	0	−0.04
19384	H	04 09 07.79	+10 45 54.6	7.51		G	62.282 470 91	+10.765 176 48	A	2.99	28.73	−7.24	2.30	1.72	1.81	2.34	2.24	+25	+37	−3	−3	−58	+0	−51	−43	−5	+51	1	0.47
19385	H	04 09 08.56	+28 38 35.0	8.21		G	62.285 683 35	+28.643 051 37	A	9.21	29.48	−71.18	3.51	2.34	2.75	2.62	2.18	+23	+9	−23	+8	+3	−6	−2	+32	−30	+30	1	0.38
19386		04 09 09.03	+00 10 44.1	7.64		H	62.287 637 81	+00.178 930 34		15.37	65.10	18.38	0.93	0.59	0.97	1.33	1.23	+45	+26	+4	−10	−18	+0	−25	−9	−4	+51	4	−1.18
19387		04 09 09.80	−20 42 15.8	8.32		H	62.290 836 91	−20.704 396 18		4.11	3.77	−26.69	0.80	0.87	1.07	0.85	1.06	−3	+19	−19	−15	+47	−19	+38	+42	−15	+17	1	−0.76
19388		04 09 09.90	+19 36 33.5	5.51		H	62.291 252 33	+19.609 293 66		11.21	107.44	−31.64	0.81	0.55	0.87	0.92	0.64	−5	+36	−19	+13	−3	−4	−9	+19	−16	−2	0	1.11
19389	H	04 09 10.29	+40 09 41.6	7.53		H	62.292 867 32	+40.161 551 16	A	14.95	−25.28	−127.04	1.23	0.82	1.35	1.23	1.10	−9	+33	−25	+9	+32	+0	+17	+50	−27	+31	1	−0.01
19390		04 09 11.56	+78 57 21.2	7.76		H	62.298 154 52	+78.955 900 43		3.54	8.42	−17.13	0.48	0.58	0.69	0.49	0.70	−2	+16	+10	+0	+8	+2	+10	+2	+12	+3	0	−0.88
19391		04 09 11.86	+36 25 39.1	7.73	2	H	62.299 411 76	+36.427 515 79		0.81	8.61	−8.79	0.78	0.54	0.98	1.13	0.92	+5	+23	−29	+10	+11	−7	−4	+39	−5	+44	0	0.48
19392		04 09 12.26	+63 50 33.7	8.60		H	62.301 072 17	+63.842 707 39		8.78	−8.80	−71.95	0.78	0.84	1.25	0.97	1.11	+11	+21	−2	+13	−5	+17	−8	+29	−11	+11	2	0.47
19393		04 09 13.59	−77 03 02.1	8.88		H	62.306 645 26	−77.050 577 68		2.79	5.63	9.05	0.64	0.70	0.73	0.67	0.89	−11	+30	−18	−12	−1	−7	+2	+19	+3	−18	0	0.71
19394		04 09 14.64	−53 22 30.4	11.79		G	62.311 020 50	−53.375 112 56		66.82	1043.71	581.95	1.78	1.89	2.01	2.28	2.21	−7	+3	−16	+3	+10	−2	+10	−14	−1	+1	0	−0.24
19395		04 09 16.99	+30 46 33.4	9.45		H	62.320 791 44	+30.775 955 45		5.40	−8.14	3.63	1.38	0.97	1.70	1.54	1.24	+21	+38	−14	+7	+8	−18	−3	+41	−31	+17	0	−0.47
19396		04 09 17.52	−28 47 24.7	8.43		H	62.322 986 23	−28.790 194 53		3.17	−4.94	−44.28	0.64	0.78	1.07	0.70	1.03	−10	+18	−6	−3	−24	+9	−21	−3	−6	+8	1	−0.09
19397		04 09 17.72	+30 38 34.4	8.15		H	62.323 840 43	+30.642 887 61		7.20	−14.63	−8.96	0.97	0.72	1.15	1.15	0.93	+29	+28	−9	+16	+10	−25	+3	+48	−18	+31	0	0.88
19398		04 09 17.84	−16 23 09.2	5.45	1	H	62.324 317 93	−16.385 877 25		4.49	−1.08	0.99	0.68	0.52	0.78	0.67	0.62	+4	+41	−22	+47	+18	+11	+21	+43	−2	+18	0	−1.56
19399	H	04 09 20.48	−07 55 44.5	7.20		G	62.335 327 03	−07.929 028 93	*	6.46	−13.71	−26.44	0.81	0.76	1.15	1.15	1.07	+18	+22	−48	+21	+6	−13	−2	+11	−11	+47	3	3.15
19400		04 09 22.16	+54 49 44.7	6.25		H	62.342 339 45	+54.829 088 17		21.09	71.89	−93.20	0.61	0.50	0.80	0.90	0.76	−7	+13	−8	−7	−5	+24	+6	+24	−24	−45	2	−1.43

24909	26359

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
19301	8.616	0.010	7.794	0.008		0.725	0.010	T	0.78	0.01	L	7.8439	0.0013	0.010	104		7.83	7.87					1 S							S
19302	7.277	0.005	6.177	0.003		0.943	0.003	G	0.93	0.00	H	6.2307	0.0006	0.005	136		6.22	6.24		C			1							S
19303	9.832	0.019	9.431	0.020		0.379	0.026	T	0.44	0.03	L	9.5146	0.0028	0.026	132		9.47	9.56					1							
19304	9.446	0.018	8.834	0.016		0.570	0.021	T	0.64	0.02	L	8.9380	0.0020	0.018	104		8.91	8.98		C			1							
19305	7.721	0.010	7.480	0.010	*	0.240	0.015	G	0.27	0.02	H	* 7.4646	0.0012	0.012	142	*	7.44	7.49		D	04083−3251	I 1	2 C A	BA	166	1.114	0.003	0.01	0.01	S
19306	7.733	0.008	7.526	0.009		0.198	0.011	T	0.22	0.01	L	7.5801	0.0014	0.013	82		7.56	7.60		M			1							S
19307	8.063	0.010	7.913	0.011		0.144	0.014	T	0.16	0.01	L	7.9440	0.0012	0.012	88		7.92	7.97		C	04083+4129	I 1	1 S							S
19308	8.077	0.011	7.765	0.010	A	0.500	0.495	G	0.34	0.04	L	* 7.7638	0.0017	0.009	60	*	7.74	7.78		D	04083+1944	I 1	2 C A	AB	280	5.784	0.024	3.21	0.10	S
19309	10.657	0.038	9.327	0.020		1.129	0.034	T	1.09	0.04	L	9.3345	0.0019	0.018	108		9.29	9.38		C			1							
19310	9.475	0.015	8.414	0.011		0.920	0.014	T	0.92	0.01	L	8.4627	0.0018	0.018	126		8.44	8.49					1							
19311	10.082	0.021	9.276	0.017		0.729	0.021	T	0.78	0.01	L	9.3281	0.0023	0.023	117		9.29	9.38		C	04084−4129	I 1	1 S							
19312	10.262	0.029	9.583	0.025		0.642	0.005	G	0.71	0.00	H	9.6583	0.0023	0.019	100		9.62	9.70					1							
19313	10.744	0.063	10.104	0.058		0.495	0.072	G	0.57	0.08	R	10.0948	0.0041	0.025	35		10.07	10.15					1							
19314	7.541	0.006	7.458	0.008		0.082	0.009	T	0.09	0.01	L	7.4913	0.0014	0.016	131		7.39	7.51		U 2 C			1							S
19315	8.956	0.013	8.658	0.014		0.283	0.018	T	0.32	0.02	L	8.7093	0.0019	0.015	94		8.68	8.74		C			1							
19316						1.327	0.004	G	1.54	0.01	I	11.3704	0.0057	0.032	57		11.30	11.45					1							G
19317	8.950	0.015	8.599	0.016		0.333	0.020	T	0.39	0.03	L	8.6417	0.0012	0.014	91		8.62	8.68					1							S
19318	8.779	0.013	8.143	0.012		0.601	0.015	G	0.67	0.01	H	8.1847	0.0010	0.009	84		8.17	8.20		C			1							
19319	10.929	0.045	9.785	0.027		0.983	0.041	T	0.96	0.03	L	9.8712	0.0034	0.029	128		9.82	9.93					1							
19320	10.267	0.027	8.519	0.012		1.457	0.023	T	1.46	0.04	L	8.4836	0.0020	0.017	107		8.45	8.52		C			1							
19321	10.056	0.028	9.701	0.031	*	0.436	0.014	G	0.50	0.01	H	* 9.7013	0.0029	0.032	94	*	9.65	9.75		D	04085+6224	H 1	2 C A	AB	159	0.494	0.009	1.07	0.06	G
19322	7.656	0.007	7.680	0.009		−0.017	0.010	T	0.01	0.01	L	7.6995	0.0011	0.011	92		7.68	7.72		C			1 G							S
19323	10.622	0.038	8.950	0.017		1.397	0.033	T	1.37	0.04	L	8.9392	0.0020	0.017	89		8.91	8.97		C			1							
19324	8.804	0.011	8.412	0.011		0.383	0.013	T	0.45	0.01	L	8.4642	0.0018	0.014	104		8.44	8.49		C			1							S
19325	9.775	0.026	8.716	0.018		0.900	0.020	G	0.94	0.02	I	8.7332	0.0018	0.014	58		8.71	8.76		C			1							
19326	11.503	0.089	11.038	0.101		0.565	0.107	G	0.64	0.10	R	11.0214	0.0051	0.034	80		10.96	11.08		C			1							G
19327	10.649	0.038	9.645	0.026		0.864	0.002	G	0.91	0.00	H	9.7019	0.0024	0.022	95		9.66	9.74		C			1							
19328	10.106	0.040	9.385	0.034	A	0.662	0.042	T	0.72	0.04	L	9.5008	0.0136	0.032	43	A	9.45	9.58		D	04085+0827	I 1	2 C A	AB	222	11.518	0.016	1.49	0.07	
19329	9.409	0.018	9.150	0.020		0.247	0.025	T	0.28	0.03	L	9.2131	0.0028	0.019	83		9.18	9.24		C			1							S
19330	9.198	0.014	8.705	0.013		0.477	0.009	G	0.55	0.01	H	8.7417	0.0016	0.013	110		8.72	8.77					1							
19331	7.042	0.004	6.656	0.004	A	0.386	0.016	G	0.46	0.02	A	* 6.6746	0.0008	0.008	141	*	6.66	6.69		D	04086−4552	I 1	2 C A	AB	317	1.559	0.013	3.28	0.06	S
19332						1.500	0.510	G	3.92	0.96	K	10.5145	0.0145	0.137	88		10.19	10.62		U 2			1 S							G
19333	11.158	0.058	9.830	0.030		1.211	0.007	G	1.33	0.02	A	9.8282	0.0023	0.021	107		9.79	9.86		C			1							
19334	11.118	0.053	9.998	0.032		0.954	0.003	G	1.00	0.00	I	10.1242	0.0025	0.022	96		10.08	10.16		C			1							
19335	6.149	0.003	5.579	0.003		0.520	0.005	G	0.59	0.01	H	5.6343	0.0007	0.007	130		5.62	5.65	3.05	P 1 A			1 G							S
19336	9.389	0.023	8.079	0.014		1.113	0.021	T	1.08	0.02	L	8.1152	0.0015	0.012	69		8.10	8.14		C			1							S
19337						1.495	0.035	G	2.04	0.20	I	10.2502	0.0037	0.027	66		10.20	10.29		C			1							G
19338	11.698	0.111	10.291	0.049	B	1.370	0.020	G	1.34	0.02	I	10.2787	0.0145			B				D	04086−0241	I 2	1 C I D							D
19339	9.606	0.016	8.122	0.009		1.249	0.014	T	1.21	0.01	L	8.1477	0.0010	0.013	143		8.12	8.17		C			1							S
19340	8.322	0.013	7.387	0.010		0.826	0.012	T	0.85	0.01	L	7.4498	0.0030	0.032	87		7.40	7.50		U 2			1							S P
19341	9.020	0.014	7.354	0.007		1.393	0.012	T	1.37	0.01	L	7.3460	0.0013	0.011	96		7.33	7.37					1							S
19342	10.344	0.030	9.068	0.017	A	1.140	0.005	G	1.10	0.01	I	9.0957	0.0068	0.017	103	A	9.07	9.13		D	04086−0241	I 2	1 C P D							D
19343	3.957	0.003	3.999	0.002		−0.025	0.021	G	0.08	0.03	C	3.9864	0.0011	0.007	84		3.98	4.00		M			1							S
19344	9.568	0.017	9.021	0.016		0.519	0.017	T	0.59	0.02	L	9.0619	0.0022	0.016	99		9.03	9.09		C			1							
19345	9.847	0.020	8.590	0.012		1.071	0.018	T	1.04	0.01	L	8.6173	0.0019	0.015	104		8.59	8.64		C			1							
19346	9.303	0.018	7.765	0.010		1.292	0.016	T	1.25	0.02	L	7.7818	0.0010	0.010	90		7.77	7.80		C			1							
19347	8.455	0.011	7.991	0.010		0.445	0.015	G	0.51	0.02	H	8.0423	0.0013	0.011	94		8.01	8.06		C			1							S
19348	9.011	0.023	7.007	0.010		1.697	0.021	T	2.24	0.05	O	6.8523	0.0027	0.015	35		6.82	6.87					1 S							S
19349	9.723	0.021	8.687	0.015		0.901	0.019	T	0.90	0.01	L	8.7606	0.0013	0.017	96		8.73	8.79					1							
19350	11.425	0.075	9.381	0.021		1.730	0.064	T	1.78	0.16	O	9.3066	0.0022	0.023	104		9.27	9.34					1							
19351	9.547	0.018	7.729	0.008		1.513	0.016	T	1.55	0.02	L	7.6747	0.0014	0.015	116		7.65	7.70					1							S
19352	10.031	0.023	8.856	0.014		1.008	0.021	T	0.98	0.02	L	8.9283	0.0019	0.019	119		8.90	8.96		C			1							
19353	9.564	0.019	9.476	0.024		0.079	0.028	T	0.09	0.03	L	9.4942	0.0028	0.021	96		9.46	9.53		C			1							
19354	7.185	0.008	7.160	0.007		0.027	0.000	G	0.04	0.00	H	7.1677	0.0011	0.009	66		7.16	7.19					1							S
19355	9.374	0.032	9.054	0.035		0.304	0.044	T	0.35	0.06	L	9.1070	0.0020	0.015	37		9.06	9.13					1							
19356	7.060	0.006	6.963	0.006		0.095	0.008	T	0.11	0.01	L	6.9935	0.0010	0.008	99		6.98	7.01					1							S
19357	10.350	0.035	9.835	0.035		0.484	0.045	T	0.56	0.05	L	9.9045	0.0027	0.020	86		9.86	9.95		C			1							G
19358	7.806	0.010	7.644	0.013		0.156	0.015	T	0.17	0.01	L	7.6912	0.0014	0.010	53		7.67	7.71		C			1							S
19359	9.588	0.040	8.860	0.034		0.668	0.042	T	0.73	0.04	L	8.9004	0.0074	0.028	31		8.86	9.01					1 G							
19360	8.537	0.011	8.131	0.011		0.399	0.015	G	0.46	0.02	H	8.1805	0.0019	0.015	84		8.16	8.21		C			1							S
19361	8.466	0.014	7.117	0.008		1.143	0.013	T	1.11	0.01	L	7.1367	0.0013	0.010	62		7.12	7.16					1							S
19362	11.114	0.079	10.262	0.060		0.764	0.075	T	0.80	0.05	L	10.3540	0.0052	0.026	51		10.30	10.40		C			1							G
19363	7.179	0.009	6.857	0.009	*	0.306	0.012	T	0.35	0.02	L	* 6.9523	0.0013	0.008	49	*	6.94	6.96		D	04089+2306	I 1	2 C A	AB	188	5.249	0.004	0.10	0.01	S
19364	9.404	0.023	9.323	0.029		0.080	0.034	T	0.09	0.04	L	9.3467	0.0026	0.015	73		9.32	9.37		C			1							
19365	9.069	0.018	8.323	0.015		0.637	0.002	G	0.70	0.00	H	8.4012	0.0013	0.010	62		8.39	8.42		C	04089+2911	I 1	1							
19366	7.560	0.007	7.357	0.007	*	0.194	0.009	T	0.21	0.01	L	* 7.3908	0.0010	0.009	93	*	7.38	7.40		D	04089+4614	I 1	2 C A	AS	61	0.149	0.007	0.63	0.38	S
19367	10.055	0.050	9.424	0.045		0.587	0.058	T	0.66	0.05	L	9.4932	0.0024	0.015	46		9.47	9.52		C			1							
19368	10.410	0.033	8.767	0.014		1.375	0.028	T	1.35	0.03	L	8.7702	0.0019	0.021	110		8.74	8.81					1							
19369	9.435	0.019	9.023	0.019		0.403	0.022	T	0.47	0.02	L	9.0319	0.0013	0.016	103		9.01	9.06					1							
19370	7.146	0.005	7.007	0.007		0.134	0.008	T	0.15	0.01	L	7.0325	0.0007	0.007	92		7.02	7.04					1							S
19371	8.327	0.009	7.918	0.007		0.427	0.015	G	0.49	0.02	H	7.9708	0.0013	0.016	176		7.95	8.00		C			1							S
19372	9.844	0.021	9.614	0.025		0.219	0.031	T	0.24	0.04	L	9.7040	0.0025	0.023	117		9.67	9.75		C			1							
19373	11.053	0.071	10.296	0.058		0.691	0.072	T	0.75	0.06	L	10.4253	0.0035	0.029	67		10.38	10.47		C			1							G
19374	9.860	0.016	8.290	0.009		1.317	0.014	T	1.28	0.02	L	8.3078	0.0013	0.016	182		8.29	8.34		C			1							
19375	8.497	0.010	8.025	0.010		0.448	0.015	G	0.52	0.02	H	8.0909	0.0017	0.014	79		8.07	8.11		C			1							S
19376	5.986	0.006	5.946	0.005		0.052	0.004	G	0.06	0.00	H	5.9605	0.0014	0.010	45		5.95	5.98		M			1							S
19377	7.650	0.006	7.608	0.006		0.043	0.008	T	0.06	0.01	L	7.6236	0.0010	0.014	182		7.60	7.65					1							S
19378	8.859	0.012	7.581	0.008		1.088	0.011	T	1.05	0.01	L	7.6274	0.0017	0.010	95		7.61	7.64		C			1							S
19379	10.833	0.055	9.004	0.020		1.553	0.048	T	1.94	0.13	O	8.8986	0.0033	0.027	83		8.85	8.95		U			1							
19380	8.894	0.012	8.590	0.013		0.281	0.003	G	0.32	0.00	H	8.6125	0.0030	0.075	110		8.58	8.84	2.38	P 1 A			1							S
19381	10.584	0.043	9.239	0.023	A	1.140	0.038	T	1.10	0.04	L	9.2747	0.0162	0.021	68	A	9.23	9.32		C	04091−1317	I 1	2 C C	AB	259	11.160	0.068	3.30	0.35	
19382	9.316	0.017	8.806	0.017		0.479	0.022	T	0.55	0.02	L	8.8484	0.0020	0.021	77		8.81	8.87		C			1							
19383	8.578	0.015	8.192	0.016		0.361	0.017	G	0.42	0.02	H	8.2464	0.0015	0.011	82		8.22	8.27		C			1							S
19384	8.874	0.023	7.630	0.015	*	1.061	0.021	T	1.03	0.02	L	* 7.6599	0.0014	0.012	38	*	7.64	7.68		R	04091+1046	I 1	2 C A	AB	280	0.563	0.009	1.76	0.04	S
19385	8.905	0.017	8.325	0.016	*	0.500	0.015	G	0.57	0.02	H	* 8.3577	0.0011	0.010	62	*	8.34	8.38		D	04091+2839	I 1	2 C A	AB	274	0.407	0.005	0.08	0.03	S
19386	8.302	0.012	7.705	0.009		0.553	0.015	G	0.63	0.01	H	7.7644	0.0013	0.009	89		7.75	7.78		C			1							S
19387	9.652	0.018	8.421	0.012		1.051	0.017	T	1.02	0.01	L	8.4934	0.0015	0.017	119		8.47	8.53					1							
19388	6.902	0.006	5.625	0.004		1.077	0.004	G	1.05	0.04	E	5.6757	0.0008	0.005	57		5.67	5.69		C			1							S
19389	8.052	0.008	7.517	0.007	*	0.502	0.010	T	0.57	0.01	L	* 7.6356	0.0008	0.009	94	*	7.62	7.65		D	04092+4010	I 1	2 C A	AB	160	2.969	0.008	2.50	0.05	S
19390	7.755	0.006	7.766	0.009		−0.005	0.010	T	0.02	0.01	L	7.7716	0.0011	0.012	142		7.75	7.79					1							S
19391	10.113	0.030	7.953	0.011		1.826	0.026	T	2.61	0.04	O	7.7309	0.0045	0.035	105		7.70	7.78	7.28	P 1 A			1 S							P
19392	9.731	0.020	8.716	0.015		0.885	0.019	T	0.89	0.01	L	8.7623	0.0016	0.015	99		8.73	8.78		C			1							
19393	9.158	0.013	8.891	0.015		0.254	0.019	T	0.29	0.02	L	8.9493	0.0023	0.018	111		8.92	8.98		C			1							
19394						1.480	0.008	G	2.50	0.02	A	11.8581	0.0063	0.056	103		11.75	11.95					1							G
19395	10.098	0.033	9.489	0.030		0.567	0.039	T	0.64	0.04	L	9.5695	0.0029	0.020	69		9.53	9.60		C			1							D
19396	10.129	0.019	8.551	0.009		1.323	0.017	T	1.28	0.02	L	8.5867	0.0016	0.020	168		8.56	8.62		C			1 G							S
19397	10.155	0.034	8.355	0.015		1.499	0.029	T	1.53	0.04	L	8.2776	0.0014	0.011	73		8.26	8.30		C			1							
19398	5.243	0.002	5.412	0.003		−0.147	0.003	T	−0.14	0.00	L	5.4008	0.0017	0.014	86		5.38	5.42	1.87	P 1 A			1							S
19399	7.461	0.007	7.223	0.008	*	0.220	0.015	G	0.24	0.02	H	* 7.2650	0.0014	0.007	66	*	7.26	7.29		D	04093−0756	I 1	2 C S A	AB	300	0.181	0.004	0.36	0.14	S
19400	6.766	0.004	6.305	0.004		0.448	0.004	T	0.52	0.00	L	6.3529	0.0008	0.006	84		6.34	6.36		C			1							S

Number HIP		Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag			Position: epoch J1991.25 α (ICRS) deg	δ deg		Par. π mas	Proper Motion μα* mas/yr	μδ mas/yr	Standard Errors α* mas	δ mas	π mas	μα* mas/yr	μδ mas/yr	Astrometric Correlations (%) δ α*	π α*	π δ	μα* α*	μα* δ	μα* π	μδ α*	μδ δ	μδ π	μδ μα*	Soln F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
*19401		04 09 22.46	+17 09 43.9	9.09		H	62.343 593 28	+17.162 186 36		4.32	−4.63	−18.80	1.55	1.03	1.77	1.73	1.23	+12	+44	−11	−16	+3	−14	−11	−1	−31	+3	0	1.38
*19402		04 09 22.43	+73 34 13.1	6.76		H	62.343 445 01	+73.570 317 65		15.50	−47.75	38.35	0.40	0.48	0.63	0.48	0.62	−23	−4	+1	−20	+13	+18	+12	+0	−2	−15	0	2.57
19403		04 09 22.59	+18 54 24.4	8.63		H	62.344 131 41	+18.906 784 84		2.31	21.65	−18.34	1.20	0.88	1.36	1.45	1.14	+20	+36	−19	+12	+2	−3	+3	+18	+5	+35	0	1.10
19404		04 09 23.24	+57 05 28.2	8.01	2	G	62.346 851 96	+57.091 180 55		1.36	2.18	0.05	0.72	0.64	0.92	0.94	0.86	−1	+9	−4	+35	−26	+12	−27	+38	+2	+12	0	0.30
19405		04 09 23.34	+36 02 03.9	7.76		G	62.347 242 08	+36.034 404 51		6.89	45.15	−21.89	0.88	0.60	1.07	1.27	0.95	+7	+21	−26	+11	−6	+7	−14	+32	+2	+42	0	1.66
*19406		04 09 23.57	−38 41 11.3	9.37		H	62.348 202 47	−38.686 467 69		8.22	20.50	17.90	0.79	0.88	1.08	0.81	0.98	−8	−10	−14	−20	+10	−5	+8	−22	+14	+10	1	−0.06
*19407		04 09 23.56	−27 48 35.5	8.72		G	62.348 160 89	−27.809 873 40		4.55	16.32	14.73	0.59	0.72	1.04	0.63	0.97	−21	+16	−7	+13	−25	+5	−29	+13	+1	−27	0	−0.58
19408		04 09 24.46	+58 33 36.5	7.08		H	62.351 896 64	+58.560 148 60		15.19	−23.96	−12.74	0.68	0.61	0.80	0.79	0.78	−12	−1	−4	+54	−31	−1	−34	+53	−1	+2	0	0.10
19409		04 09 26.24	−11 59 37.7	8.65		H	62.359 348 95	−11.993 813 46		7.13	15.66	−54.49	1.06	0.86	1.27	1.39	1.16	+19	+31	−17	−17	−9	+11	−9	−6	−9	+14	0	0.47
19410		04 09 26.41	−14 41 54.0	10.61		H	62.360 045 36	−14.698 340 26		22.89	−71.03	−6.63	1.70	1.42	2.21	3.48	2.35	−12	+4	−11	+6	+9	+12	+14	+30	−23	−61	0	−0.70
19411		04 09 27.21	+06 43 30.7	6.74		H	62.363 366 13	+06.725 188 32		9.88	26.97	−56.72	0.84	0.64	0.92	0.94	0.80	+17	+40	+6	+26	+10	−23	+3	+48	−21	+13	0	2.11
19412		04 09 27.58	+59 54 29.1	6.29		H	62.364 900 50	+59.908 075 90		3.04	−4.17	−2.05	0.50	0.50	0.74	0.55	0.62	+7	+24	−26	+27	+7	+10	−1	+52	−28	+24	0	0.62
19413		04 09 27.81	−36 39 17.8	8.13		H	62.365 873 21	−36.654 930 92		4.54	−17.98	−47.28	0.68	0.67	0.86	0.72	0.74	−19	−12	+8	−19	+22	+16	+24	−20	−18	−3	0	2.14
19414		04 09 28.16	−17 28 43.3	7.96		G	62.367 328 42	−17.478 691 78		5.31	−27.98	−101.20	0.85	0.75	1.03	0.90	0.94	+17	+27	+0	+35	+21	+11	+24	+37	+2	+13	0	0.19
19415		04 09 28.79	+56 25 52.3	8.25		H	62.369 979 06	+56.431 189 77		4.73	25.61	−22.28	0.90	0.80	1.13	1.20	1.14	+6	+14	−25	+30	+18	−3	+15	+41	−10	+27	0	0.15
19416		04 09 28.93	+33 46 01.5	8.64		H	62.370 554 36	+33.767 070 32		29.01	196.35	−18.20	1.16	0.84	1.35	1.54	1.09	+32	+14	−25	+4	−6	+9	−3	+32	−7	+33	0	−0.08
19417		04 09 29.09	+23 17 39.9	9.81		H	62.371 194 59	+23.294 411 19		4.72	−11.83	−0.10	1.56	1.21	1.70	2.16	1.92	+32	+4	−27	−23	−30	+10	−31	−24	+6	+61	0	0.63
19418		04 09 31.72	−26 01 14.7	7.70		H	62.382 154 05	−26.020 761 22		2.84	13.82	11.58	0.54	0.61	0.96	0.64	0.85	−13	+15	+0	−6	+9	+3	+8	+2	−17	−17	0	1.30
19419		04 09 32.01	−47 25 48.6	8.25		H	62.383 379 68	−47.430 166 20		4.65	17.39	8.35	0.73	0.74	0.84	0.96	0.87	−8	+7	−7	−6	−3	+17	+0	+14	−3	−18	0	−1.13
19420		04 09 32.97	+17 29 57.9	9.11		H	62.387 367 69	+17.499 429 43		9.81	36.08	−22.96	1.54	1.01	1.75	1.74	1.18	+0	+31	−26	−6	+0	+3	−7	+6	−27	−6	0	1.24
19421		04 09 34.01	−17 30 09.1	8.28		G	62.391 711 71	−17.502 522 15		9.02	−11.04	−0.98	0.88	0.81	1.13	0.92	1.03	+17	+26	−5	+36	+25	+13	+24	+46	−13	+15	0	1.94
19422		04 09 34.92	+69 32 31.6	7.70		H	62.395 493 02	+69.542 117 87		54.17	73.10	−298.47	0.39	0.59	0.79	0.42	0.69	−21	+11	−1	−5	−5	−2	−2	+16	+10	−30	1	−1.08
19423		04 09 35.06	−32 58 30.5	7.44		H	62.396 090 26	−32.975 147 83		5.03	43.53	−51.34	0.53	0.63	0.81	0.62	0.85	−4	+12	−9	+7	−13	+17	−13	+4	+2	+18	0	1.23
19424		04 09 35.70	−81 51 18.2	8.81	3	H																							
19425		04 09 36.99	−43 37 29.5	9.01		H	62.404 133 31	−43.624 859 99		5.31	7.17	16.71	0.73	0.76	0.94	0.91	0.93	+8	−4	+10	+6	+4	+31	−1	+17	+2	+20	0	−0.62
19426		04 09 37.74	−61 25 22.7	9.11		H	62.407 259 10	−61.422 972 86		1.76	4.80	14.34	0.79	0.76	0.83	0.76	0.83	+15	−5	−13	−32	+19	+3	+12	+3	+1	+43	0	−0.50
19427		04 09 38.10	+11 28 03.0	9.14		H	62.408 766 50	+11.467 507 75		10.76	−13.79	−43.00	1.25	1.11	1.42	1.78	1.65	+30	+14	−31	−13	−30	+7	−26	−37	+20	+45	0	0.08
19428		04 09 38.81	+31 39 07.0	6.88		H	62.411 712 72	+31.651 956 02		25.08	65.63	70.56	0.84	0.56	0.97	0.71	0.66	+36	+50	+8	−2	+21	+1	+5	+35	−27	+35	0	0.48
19429		04 09 39.54	+76 59 39.7	8.82		H	62.414 770 34	+76.994 363 40		1.45	1.71	0.12	0.66	0.76	0.95	0.70	0.90	−4	+17	+15	−13	+4	+10	+7	+26	+10	−13	0	−0.20
19430		04 09 40.24	−66 02 48.7	8.48		H	62.417 662 47	−66.046 859 93		3.05	−6.50	23.77	0.64	0.72	0.71	0.63	0.83	+0	+16	−10	−12	−3	+12	−4	+30	−5	+2	0	−0.31
19431		04 09 40.87	−07 53 35.2	7.03	2	H	62.420 303 50	−07.893 104 65		17.80	34.53	101.52	0.80	0.70	0.97	1.13	1.07	+25	+10	−33	+28	−7	−5	−8	+2	−8	+45	0	2.03
19432		04 09 41.68	−49 26 21.1	9.65		H	62.423 669 90	−49.439 205 49		11.38	59.69	17.93	0.91	0.94	1.03	1.02	1.06	+7	+0	+10	−22	−17	+6	−17	−7	+5	+2	0	−0.86
*19433		04 09 43.11	−79 20 37.5	8.98		H	62.429 636 70	−79.343 748 35		3.33	−7.08	4.11	0.69	0.73	0.75	0.73	0.90	+8	−4	−20	−28	−15	+15	−17	+12	−6	+15	3	−0.71
*19434		04 09 43.04	+03 19 22.2	6.49		H	62.429 319 53	+03.322 844 90		15.96	−50.92	−60.89	1.06	0.54	0.98	1.36	1.04	+50	+38	+6	−36	−23	−10	−27	−14	−9	+56	0	1.65
19435		04 09 43.16	+35 58 39.2	8.00		G	62.429 822 05	+35.977 556 52		9.33	43.49	−70.38	1.07	0.69	1.23	1.46	1.04	+19	+15	−15	+7	−14	+11	−20	+26	−6	+36	0	0.52
19436		04 09 43.68	+24 04 22.8	7.36		H	62.431 995 30	+24.072 993 86		8.13	3.73	−19.50	0.87	0.59	1.01	0.98	0.73	+18	+24	−20	−9	−4	−15	−12	+14	−18	+28	0	0.79
19437		04 09 43.83	−82 35 27.8	9.31		H	62.432 607 76	−82.591 068 97		7.09	−2.25	10.73	0.70	0.73	0.86	0.76	1.05	−18	+13	−20	+4	−7	−8	−7	−19	+20	−13	0	−0.94
19438		04 09 45.06	−12 33 38.9	7.73		G	62.437 748 73	−12.560 805 37		5.64	1.71	−10.36	0.79	0.63	0.93	0.99	0.88	+33	+41	+1	−12	−11	−7	−15	−11	−10	+22	0	1.05
19439		04 09 49.10	−37 21 10.8	9.21		H	62.454 586 06	−37.352 991 99		0.94	6.44	10.52	0.77	0.85	1.02	0.83	0.93	−9	+13	−8	−21	+18	−1	+17	−2	+2	+0	1	2.24
19440		04 09 49.14	−03 34 24.7	6.84		G	62.454 730 40	−03.573 527 88		6.78	8.49	8.20	0.69	0.55	0.84	0.93	0.85	+49	+13	+3	+8	+7	+2	+4	+4	−20	+29	0	0.88
19441		04 09 49.26	+09 18 19.8	10.10		G	62.455 240 24	+09.305 505 01		29.78	156.70	−2.81	1.65	1.29	1.90	2.14	1.94	+13	+28	−13	+11	−2	−9	+2	+15	+21	+25	0	1.78
19442	H	04 09 49.80	−50 00 01.2	11.32		G	62.457 502 79	−50.000 342 67	A	17.84	−45.55	297.08	2.63	2.76	2.69	2.46	2.84	+5	+9	+22	−24	−2	+4	−4	−36	−22	+11	4	0.30
19443		04 09 50.29	+10 48 01.9	8.04		H	62.459 530 80	+10.800 517 85		2.84	−6.22	−26.80	1.42	1.00	1.46	1.81	1.46	+5	+30	−12	+26	−31	−8	−28	+0	+10	+20	0	−0.05
19444		04 09 50.52	+33 03 23.2	10.12		H	62.460 492 10	+33.056 448 72		2.68	−1.07	−18.37	1.45	0.96	1.69	1.52	1.22	+25	+32	−10	+14	+3	−7	−6	+37	−23	+26	2	0.75
19445		04 09 51.08	−79 01 04.5	8.39		H	62.462 835 70	−79.017 911 67		2.31	−0.60	−4.66	0.55	0.61	0.63	0.58	0.74	−5	+10	−21	−10	−9	+11	−11	+13	−14	+3	1	−0.42
19446		04 09 52.49	−19 17 13.2	7.02		H	62.468 710 24	−19.286 987 97		6.08	6.95	−0.06	0.70	0.71	0.94	0.77	0.97	+2	+13	−25	−42	+45	−27	+28	+40	−29	+32	0	−0.70
19447	H	04 09 53.22	+58 27 36.0	9.46		H	62.471 741 85	+58.460 005 11	A	2.98	−2.80	−3.38	1.83	1.60	1.99	1.88	1.83	−27	+1	+11	+56	−37	+8	−42	+54	+14	−21	0	0.34
19448		04 09 53.87	−09 41 07.9	9.15		H	62.474 449 26	−09.685 531 31		1.36	18.10	0.24	1.14	0.91	1.34	1.19	1.12	+19	+39	−4	+4	+7	+12	+0	+13	−20	+11	2	0.20
19449		04 09 54.14	+04 19 25.1	10.09		H	62.475 573 68	+04.323 626 02		12.14	49.01	7.02	1.73	1.26	2.03	2.84	2.41	+35	+10	−6	+1	+11	+26	+11	+16	−29	+23	0	0.01
19450		04 09 54.34	+53 52 09.2	8.50		G	62.476 425 61	+53.869 229 29		6.68	−10.43	−32.72	0.98	0.67	1.21	1.34	1.06	−21	+11	−6	−25	+6	+24	+16	+16	−25	−47	0	0.57
19451		04 09 56.29	+15 52 05.3	9.90		H	62.484 545 26	+15.868 142 03		6.76	27.26	−11.92	4.01	3.08	4.48	4.73	3.48	+9	+21	−30	+11	−7	−3	−10	+13	−8	+11	0	
19452		04 09 58.79	−19 00 10.1	7.16		H	62.494 947 91	−19.002 801 86		5.06	−15.33	−21.17	0.73	0.74	0.92	0.88	1.03	+22	−2	−18	−8	+34	−5	+34	+48	−31	+25	0	0.95
19453		04 09 58.95	−25 02 30.9	6.95		H	62.495 618 15	−25.041 918 37		6.80	53.68	19.64	0.45	0.57	0.85	0.56	0.79	−12	+4	+9	−2	+9	+0	+10	+9	−12	−16	0	1.24
19454		04 10 00.22	+86 37 34.9	5.84		H	62.500 932 70	+86.626 351 65		24.44	142.70	−87.62	0.42	0.50	0.55	0.46	0.57	−1	−6	+32	−33	+9	+22	+3	−33	−23	−4	1	1.04
19455		04 10 00.62	−33 09 11.5	8.56		H	62.502 572 86	−33.153 189 40		1.66	21.64	−2.33	0.60	0.80	0.95	0.71	0.95	−6	+4	−13	+3	−16	+18	−14	−9	+7	−4	0	0.34
19456		04 10 00.82	+66 48 50.0	9.47	2	H	62.503 436 84	+66.813 878 89		4.92	−4.85	0.28	2.63	2.84	4.05	3.01	3.60	+2	+8	−1	−37	−2	+2	−2	+8	+7	+3	0	
19457		04 10 01.44	−18 42 40.0	8.22		G	62.506 014 69	−18.711 106 45		6.44	10.86	−10.23	0.91	0.82	1.04	1.08	1.09	+12	+19	+3	+36	+21	+7	+21	+48	−7	+12	0	1.18
19458		04 10 01.85	+68 22 25.3	7.24		H	62.507 693 30	+68.373 705 75		13.20	58.16	−23.40	0.34	0.53	0.74	0.41	0.61	−18	+15	+1	+11	+8	+15	+7	+20	+5	−9	2	1.18
19459		04 10 02.06	+24 05 33.6	9.12		H	62.508 576 93	+24.092 678 49		5.27	29.83	−16.24	1.37	0.91	1.54	1.63	1.26	+29	+20	−12	−10	−19	−8	−26	+5	−21	+36	0	−0.32
19460		04 10 02.40	+10 50 46.6	7.71		H	62.510 018 55	+10.846 281 45		4.54	21.64	−19.58	1.16	0.85	1.27	1.44	1.22	+18	+31	−2	+20	−13	−16	−11	+17	+11	+26	0	0.98
19461	H	04 10 02.79	+80 41 55.2	5.10		H	62.511 606 98	+80.698 674 09	A	9.44	−11.57	3.00	0.85	0.85	0.86	0.73	0.85	−16	+8	+10	+12	−2	−5	−1	+13	+18	−24	4	1.89
19462		04 10 03.27	−41 55 27.6	8.82		H	62.513 641 72	−41.924 337 17		1.80	4.07	14.29	0.69	0.76	0.92	0.73	0.85	+10	+12	+2	−20	−9	+14	−11	−12	+1	+24	0	0.26
19463		04 10 03.39	−34 29 51.8	7.22	2	H	62.514 107 67	−34.497 729 40		1.73	11.78	26.68	0.51	0.59	0.75	0.56	0.72	−14	+8	+8	−17	+13	+4	+11	−7	−25	−12	3	1.73
19464	H	04 10 04.99	+24 06 53.8	9.55		H	62.520 779 61	+24.114 940 16	A	7.87	−6.84	−15.40	4.22	2.63	3.82	4.15	3.19	+34	+2	−14	−9	−20	−3	−31	−7	−27	+40	0	0.10
19465		04 10 06.08	+52 29 46.2	9.70		G	62.525 334 31	+52.496 157 64		1.08	13.62	−19.73	1.08	0.88	1.49	1.19	1.16	−11	+35	−26	+10	−10	+10	−14	+25	−20	−12	0	−0.99
19466		04 10 06.84	+07 41 52.6	8.64		H	62.528 488 43	+07.697 956 98		5.24	22.64	−20.60	1.02	0.93	1.17	1.34	1.31	+29	+20	−29	+25	+38	−32	+22	+55	−27	+53	0	0.37
19467		04 10 07.39	−61 35 55.5	7.16		H	62.530 788 66	−61.598 755 05		24.52	11.35	−78.90	0.48	0.48	0.53	0.46	0.51	+0	−9	−3	−35	+16	+11	+9	−3	+1	+27	0	−0.77
19468		04 10 09.20	+25 11 44.0	9.92		H	62.538 353 44	+25.195 543 60		7.38	72.42	−40.43	1.41	0.86	1.68	1.55	1.28	+35	+33	+8	−4	−10	−5	−20	+15	−37	+21	0	0.26
19469		04 10 11.16	−06 03 29.1	8.65		H	62.546 482 70	−06.058 095 61		5.00	27.64	−6.49	0.91	0.73	1.27	1.42	1.18	+30	+16	−21	−10	+7	−15	−3	+9	−43	+22	4	1.48
19470		04 10 11.77	+18 28 28.3	8.95		H	62.549 045 41	+18.474 521 35		4.61	4.71	−6.31	1.36	0.90	1.51	1.47	1.04	+8	+42	−18	−5	−3	−14	−6	+3	−2	+12	0	2.48
19471		04 10 12.68	−42 37 20.8	8.24		H	62.552 821 19	−42.622 441 30		3.67	−5.31	6.43	0.63	0.70	0.83	0.79	0.79	+1	+5	+13	+20	−8	+12	−7	+3	+8	+11	0	0.83
19472	H	04 10 13.80	+17 22 07.7	9.07		G	62.557 509 40	+17.368 802 46	A	29.88	414.43	−152.23	3.19	2.36	2.67	2.50	1.74	−14	+32	−6	−10	−1	+9	−7	+1	−30	−8	0	0.99
19473		04 10 13.89	+66 50 48.0	7.78		H	62.557 875 02	+66.846 670 64		2.37	3.68	−23.90	0.51	0.65	0.94	0.58	0.81	+4	+13	−4	−17	−4	−2	−5	+12	+12	+12	0	2.52
19474		04 10 16.69	−40 20 36.1	8.98		G	62.569 534 89	−40.343 350 53		3.08	19.87	19.60	0.71	0.77	1.01	0.91	0.87	−7	−3	+9	+1	+2	+18	+4	−24	+11	+9	0	0.18
19475		04 10 17.20	+69 36 19.7	9.12		H	62.571 673 56	+69.605 481 01		2.37	0.22	2.62	0.55	0.81	1.10	0.61	0.93	−22	+17	+0	+10	−3	+0	+0	+14	+16	−28	2	−1.03
19476		04 10 17.86	+01 20 47.1	8.23		H	62.574 423 41	+01.346 429 18		2.24	−16.80	−15.39	0.95	0.54	1.09	1.19	1.12	+31	+27	+0	+3	−8	+14	−16	+5	+3	+44	0	−0.56
19477		04 10 18.25	+30 38 54.2	8.66		H	62.576 030 30	+30.648 381 67		2.40	1.88	−10.35	1.25	1.07	1.41	1.68	1.55	+51	+16	−25	+29	+39	−19	+28	+65	−30	+60	0	1.63
19478		04 10 19.91	+08 24 53.2	8.28		H	62.582 962 09	+08.414 766 94		5.53	7.13	1.71	1.21	0.91	1.18	1.42	1.18	−4	+26	−11	+41	−3	−9	−7	+48	−7	+7	0	−0.21
19479		04 10 20.23	−71 20 37.7	9.42		H	62.584 296 10	−71.343 795 90		11.82	−45.87	−101.02	0.75	0.79	0.82	0.99	0.95	+2	−5	−5	−13	−4	+18	−3	+4	−4	+1	2	−0.21
19480		04 10 21.27	+39 13 32.8	7.02		H	62.588 611 45	+39.225 787 10		17.67	5.06	−26.82	0.68	0.43	0.82	0.72	0.67	−4	+20	−15	−5	+22	−1	+15	+30	−30	+19	0	−0.05
19481		04 10 21.62	+12 04 38.6	8.11		H	62.590 082 63	+12.077 398 96		23.85	168.24	89.45	1.27	1.20	1.26	1.74	1.57	+58	+10	−29	−34	−38	+29	−24	−29	+18	+69	3	2.66
19482		04 10 22.18	+54 40 56.5	9.15		H	62.592 414 22	+54.682 367 41		0.25	0.69	−4.65	1.05	0.77	1.22	1.55	1.23	−25	+13	+1	−4	−9	+11	−1	+20	−13	−60	0	−0.88
19483		04 10 22.52	−06 55 25.8	5.44		H	62.593 832 69	−06.923 823 27		8.65	3.44	−11.99	0.65	0.57	0.82	0.89	0.86	+35	+19	−28	+25	+15	−19	+4	+25	−23	+50	0	1.33
19484		04 10 23.13	+22 50 02.2	9.83		H	62.596 375 55	+22.833 953 93		7.12	32.86	−30.47	1.36	1.01	1.58	1.67	1.33	+19	+14	−26	−10	−14	−9	−20	−4	−23	+38	3	−0.42
19485		04 10 23.18	+55 00 55.0	9.84		H	62.596 573 36	+55.015 279 03		3.72	7.24	−30.79	1.14	0.92	1.47	1.48	1.26	−17	+2	+1	−11	+0	+29	+3	+7	−24	−39	0	−0.04
19486		04 10 24.94	−30 16 56.2	8.98		H	62.603 926 96	−30.282 281 62		1.69	−10.19	−9.79	0.64	0.78	1.11	0.66	1.01	+1	+24	+2	−3	+2	−1	−9	+10	−30	+26	1	−0.54
19487		04 10 25.06	+42 10 26.4	7.76	2	H	62.604 414 07	+42.173 990 86		3.53	1.47	−10.21	0.83	0.65	1.11	0.98	0.85	+16	+15	−35	−3	−3	+14	−7	+28	−17	+36	0	0.75
19488	H	04 10 28.66	+57 51 04.9	9.47	2	H	62.619 397 28	+57.851 355 87	*	1.48	3.99	−16.10	0.89	0.81	1.17	1.05	1.02	−4	+1	−7	+33	−37	+22	−40	+44	+5	+6	0	1.06
19489		04 10 28.78	−15 01 44.3	7.66		G	62.619 919 90	−15.028 968 67		11.78	−32.48	26.59	0.85	0.71	1.10	1.22	1.02	+7	+3	−17	+29	+24	+22	+29	+49	−38	−29	0	0.03
19490		04 10 29.77	−26 03 06.3	8.19		H	62.624 039 85	−26.051 758 35		5.27	18.37	3.94	0.62	0.68	1.02	0.74	0.94	−10	+20	−2	−4	+11	−2	+10	+10	−14	−15	0	0.12
19491		04 10 29.90	−40 32 09.0	7.91		H	62.624 583 83	−40.535 828 56		1.73	14.78	3.63	0.60	0.64	0.82	0.78	0.71	+3	+2	+4	+10	−2	+16	+1	−11	+4	+18	0	−0.97
19492		04 10 31.50	−45 30 53.4	8.28		H	62.631 266 19	−45.514 823 05		9.60	−13.70	−128.38	0.61	0.64	0.72	0.65	0.72	−10	−1	−1	+4	−13	+14	−14	+19	−7	−8	0	0.87
19493		04 10 34.26	+45 29 20.4	9.08		H	62.642 763 77	+45.488 986 57		6.30	27.26	−32.42	1.00	0.68	1.14	1.03	0.87	−7	+13	−12	+1	+12	+15	+11	+17	−14	+12	2	0.58
19494		04 10 34.59	−26 36 30.0	8.65		H	62.644 107 09	−26.608 338 54		11.81	106.23	−24.68	0.60	0.74	1.10	0.69	0.97	−18	+17	+2	−30	−12	−2	−3	+4	−4	−50	1	0.60
19495		04 10 35.69	+05 36 53.9	8.64		H	62.648 699 76	+05.614 961 75		8.27	3.44	−21.37	1.37	0.93	1.33	1.43	1.23	−14	+43	−13	+42	−8	+6	−12	+45	−9	+3	0	0.42
19496		04 10 35.87	+25 21 45.2	9.14		G	62.649 463 73	+25.362 559 03		9.28	1.49	−18.21	1.10	0.67	1.33	1.22	1.02	+35	+31	+8	−6	−5	−12	−12	+20	−37	+21	0	−0.59
19497		04 10 36.83	+38 29 13.4	7.98		H	62.653 461 58	+38.487 068 65		6.07	−14.07	−13.47	0.84	0.54	1.05	1.01	0.85	−7	−9	−6	−1	+12	+22	+18	+31	−37	−10	0	−2.34
19498	H	04 10 40.83	+64 29 35.4	8.92		H	62.670 132 12	+64.493 153 38	A	3.57	−3.07	−2.90	1.61	1.79	2.21	1.80	2.13	−10	+4	−19	+24	−3	+21	+0	+48	−1	−4	0	−0.10
19499		04 10 40.94	+15 14 13.4	8.99		H	62.670 572 62	+15.237 055 49		2.82	−15.32	−6.31	1.20	0.92	1.31	1.34	1.14	+20	+32	−14	+19	+15	−10	+8	+31	−14	+32	0	0.18
19500		04 10 41.11	+70 19 43.9	7.99		H	62.671 274 46	+70.328 849 35		5.56	6.42	−3.63	0.45	0.61	0.82	0.46	0.68	−20	+23	−9	−5	+1	−7	+2	+6	+12	−13	2	0.53

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
19401	9.748	0.028	9.139	0.025		0.567	0.033	T	0.64	0.03	L	9.2105	0.0027	0.020	46		9.19	9.24		D			1							
19402	7.403	0.005	6.816	0.004		0.548	0.006	T	0.62	0.01	L	6.8750	0.0009	0.009	161		6.86	6.89		C			1							S
19403	10.233	0.035	8.755	0.018		1.245	0.031	T	1.20	0.03	L	8.7941	0.0013	0.013	51		8.77	8.81		D			1							
19404	8.703	0.012	8.125	0.011		0.600	0.015	G	0.67	0.01	H	8.1568	0.0034	0.025	107		8.13	8.21		U 2			1							
19405	8.326	0.014	7.809	0.012		0.515	0.015	G	0.59	0.02	H	7.8894	0.0012	0.010	82		7.87	7.90		C			1							S
19406	10.057	0.023	9.431	0.020		0.578	0.023	T	0.65	0.02	L	9.4964	0.0022	0.025	127		9.43	9.54					1	S						
19407	9.254	0.011	8.762	0.011		0.474	0.012	T	0.55	0.01	L	8.8184	0.0015	0.020	188		8.78	8.86		C			1							
19408	7.478	0.005	7.114	0.006		0.345	0.007	T	0.40	0.01	L	7.1653	0.0011	0.010	119		7.15	7.18					1							S
19409	9.324	0.018	8.723	0.017		0.560	0.018	T	0.63	0.02	L	8.7753	0.0024	0.026	84		8.74	8.82					1							S
19410	12.536	0.284	10.831	0.116		1.120	0.015	G	1.20	0.02	I	10.7396	0.0052	0.032	66		10.68	10.79		C			1							G
19411	6.849	0.008	6.748	0.010		0.098	0.012	T	0.11	0.01	L	6.7756	0.0013	0.005	37		6.76	6.78					1							S
19412	7.726	0.006	6.417	0.004		1.112	0.006	T	1.16	0.03	C	6.4589	0.0009	0.007	113		6.45	6.47		C			1							S
19413	9.627	0.018	8.254	0.011		1.162	0.017	T	1.12	0.01	L	8.2947	0.0013	0.015	116		8.27	8.32					1							S
19414	9.139	0.016	8.066	0.011		0.954	0.015	G	0.94	0.01	H	8.1123	0.0016	0.012	80		8.09	8.13		C	04095−1729	I 2	1							S
19415	10.359	0.042	8.451	0.016		1.584	0.036	T	1.60	0.04	L	8.3646	0.0017	0.014	72		8.33	8.39			04095+5626	I 1	1							
19416	9.759	0.033	8.727	0.022		0.888	0.031	T	0.89	0.02	L	8.7808	0.0021	0.017	74		8.76	8.80		C			1							
19417	10.471	0.045	9.907	0.045		0.528	0.057	T	0.60	0.06	L	9.9303	0.0040	0.023	54		9.89	9.98		C			1							G
19418	9.587	0.015	7.843	0.007		1.454	0.013	T	1.46	0.02	L	7.8373	0.0014	0.016	160		7.82	7.87					1							S
19419	9.849	0.021	8.382	0.011		1.236	0.019	T	1.19	0.02	L	8.4126	0.0012	0.017	110		8.38	8.44		C			1							S
19420	9.721	0.033	9.168	0.030		0.518	0.040	T	0.59	0.04	L	9.2248	0.0032	0.014	47		9.20	9.25		C			1							S
19421	8.728	0.013	8.301	0.013		0.412	0.015	G	0.48	0.02	H	8.3687	0.0021	0.016	82		8.34	8.40		C	04095−1729	I 2	1							S
19422	8.924	0.009	7.802	0.006		0.952	0.005	G	1.00	0.01	I	7.8471	0.0009	0.016	260		7.82	7.88					1							S
19423	8.928	0.011	7.569	0.006		1.151	0.010	T	1.11	0.01	L	7.6076	0.0012	0.014	147		7.58	7.63					1							S
19424						1.500	0.510	G	1.93	0.56	K	8.8979	0.1294	0.822	118		7.21	9.44	404.00	P 1 A	04096−8151	I 1		S						G
19425	9.317	0.015	9.038	0.016		0.258	0.002	G	0.29	0.00	H	9.0782	0.0017	0.020	119		9.05	9.12		C			1							
19426	10.879	0.047	9.232	0.020		1.378	0.040	T	1.35	0.05	L	9.2616	0.0023	0.019	110		9.22	9.30					1							
19427	9.844	0.035	9.170	0.030		0.624	0.038	T	0.69	0.03	L	9.2671	0.0025	0.015	42		9.24	9.29		C			1							
19428	7.540	0.008	6.951	0.005		0.550	0.008	T	0.62	0.01	L	6.9986	0.0008	0.006	80		6.99	7.01			04096+3139	I 1	1							S
19429	10.027	0.019	8.935	0.013		0.944	0.018	T	0.93	0.01	L	8.9820	0.0022	0.022	153		8.94	9.02					1							
19430	10.095	0.025	8.598	0.013		1.260	0.022	T	1.22	0.02	L	8.6398	0.0015	0.015	113		8.61	8.66		C			1							
19431	7.869	0.011	7.125	0.008		0.712	0.007	G	0.77	0.01	H	7.1732	0.0038	0.027	69		7.14	7.24		U 2			1							S P
19432	10.434	0.028	9.728	0.024		0.742	0.005	G	0.79	0.01	H	9.7891	0.0031	0.022	103		9.75	9.83					1							
19433	10.241	0.026	9.089	0.016		0.990	0.024	T	0.97	0.02	L	9.1418	0.0021	0.019	122		9.11	9.17					1							
19434	7.007	0.006	6.537	0.005		0.443	0.007	T	0.51	0.01	L	6.5942	0.0006	0.006	74		6.59	6.60		C			1							S
19435	9.176	0.022	8.092	0.015		0.890	0.015	G	0.90	0.01	H	8.1643	0.0018	0.012	67		8.14	8.18		C			1							
19436	7.606	0.009	7.394	0.008		0.202	0.011	T	0.22	0.01	L	7.4297	0.0016	0.010	66		7.42	7.45					1							S
19437	9.939	0.022	9.372	0.021		0.534	0.023	T	0.61	0.02	L	9.4220	0.0023	0.022	113		9.40	9.47		C			1							
19438	7.719	0.009	7.725	0.012		−0.002	0.003	G	0.02	0.00	H	7.7374	0.0011	0.012	81		7.72	7.76		C			1							S
19439	10.493	0.032	9.294	0.019		1.026	0.029	T	1.00	0.02	L	9.3742	0.0017	0.018	130		9.34	9.41					1							
19440	6.911	0.005	6.859	0.006		0.045	0.002	G	0.06	0.00	H	6.8701	0.0007	0.007	96		6.86	6.88		C			1							S
19441	12.046	0.219	10.221	0.071		1.192	0.011	G	1.32	0.02	I	10.1989	0.0031	0.019	43		10.16	10.24		C			1							G
19442						1.156	0.011	G	1.26	0.02	I *	11.4544	0.0044	0.040	103	*	11.20	11.52		D	04098−5000	H 1	2 C	D	AB	244	2.950	0.037	1.96	0.15	G D
19443	9.481	0.034	8.154	0.020		1.126	0.031	T	1.09	0.03	L	8.2080	0.0014	0.013	37		8.18	8.22					1							S
19444	10.580	0.057	10.085	0.055		0.466	0.072	T	0.54	0.08	L	10.2248	0.0034	0.027	78		10.18	10.27		C			1							G
19445	8.639	0.009	8.424	0.011		0.199	0.014	T	0.22	0.02	L	8.4547	0.0017	0.016	112		8.43	8.49					1							S
19446	8.225	0.008	7.125	0.005		0.949	0.007	T	0.94	0.01	L	7.1823	0.0010	0.010	118		7.16	7.20		C			1							S
19447	9.861	0.020	9.552	0.024	A	0.245	0.155	G	0.34	0.06	L *	9.5393	0.0021	0.019	124	*	9.49	9.57		C	04099+5828	H 1	2 C	C	AB	109	1.957	0.048	3.49	0.19	G
19448	10.558	0.040	9.276	0.022		1.091	0.036	T	1.05	0.04	L	9.3208	0.0033	0.020	78		9.29	9.36		C			1							
19449	10.881	0.087	10.160	0.068		0.565	0.072	G	0.64	0.07	R	10.2083	0.0031	0.021	54		10.17	10.25					1							
19450	9.032	0.016	8.562	0.016		0.438	0.026	G	0.51	0.03	H	8.5990	0.0026	0.019	86		8.57	8.62					1							
19451	10.638	0.060	10.006	0.053		0.587	0.070	T	0.66	0.07	L	10.0271	0.0051	0.028	48		9.98	10.09		D			1 X	S						
19452	8.625	0.012	7.272	0.007		1.147	0.011	T	1.11	0.01	L	7.3279	0.0015	0.012	90		7.31	7.35					1							S
19453	8.419	0.007	7.095	0.004		1.124	0.006	T	1.09	0.01	L	7.1158	0.0022	0.022	177		7.09	7.15		R	04100−2503	I 1	1							S
19454	6.294	0.003	5.878	0.003		0.393	0.004	T	0.46	0.00	L	5.9267	0.0007	0.005	126		5.92	5.94		C			1							S
19455	10.398	0.026	8.722	0.012		1.401	0.023	T	1.38	0.03	L	8.7061	0.0018	0.020	138		8.67	8.73		C			1							
19456	11.081	0.044	9.642	0.020		1.214	0.038	T	1.17	0.04	L	9.6414	0.0042	0.034	169		9.58	9.70		U			1 X	S						
19457	8.790	0.013	8.278	0.013		0.485	0.015	G	0.56	0.02	H	8.3228	0.0018	0.019	85		8.29	8.36					1							S
19458	7.623	0.005	7.275	0.004		0.330	0.006	T	0.38	0.01	L	7.3193	0.0008	0.010	246		7.30	7.34					1							S
19459	9.993	0.042	9.181	0.035		0.734	0.042	T	0.78	0.03	L	9.2689	0.0030	0.020	68		9.23	9.30		C			1							G
19460	9.284	0.029	7.825	0.016		1.230	0.026	T	1.19	0.03	L	7.8760	0.0019	0.010	40		7.86	7.89		C			1							S
19461	5.827	0.004	5.193	0.004	*	0.589	0.005	T	0.66	0.01	L *	5.2227	0.0005	0.006	134	*	5.21	5.23		D	04100+8042	I 1	2 C	A	AB	123	0.772	0.002	0.54	0.01	S
19462	10.103	0.040	8.962	0.025		0.981	0.037	T	0.96	0.03	L	8.9889	0.0018	0.019	125		8.96	9.02		C			1							
19463	9.342	0.014	7.422	0.006		1.628	0.013	T	2.09	0.04	O	7.2906	0.0046	0.049	128		7.21	7.37		U 2			1	S						S
19464	10.477	0.054	9.893	0.051	B						T *	9.6946	0.0034	0.021	69	*	9.64	9.72		D	04101+2407	I 1	2 C	A	AB	286	1.590	0.010	0.08	0.04	
19465	10.065	0.027	9.750	0.031		0.260	0.015	G	0.29	0.02	H	9.7786	0.0019	0.021	86		9.75	9.82		C			1							G
19466	9.036	0.020	8.661	0.020		0.355	0.026	T	0.42	0.03	L	8.7227	0.0017	0.010	40		8.71	8.74		C			1							S
19467	7.805	0.007	7.216	0.007		0.551	0.007	T	0.62	0.01	L	7.2762	0.0007	0.008	111		7.26	7.29		D			1							S
19468	10.751	0.045	10.044	0.038		0.651	0.048	T	0.71	0.04	L	10.0584	0.0024	0.022	90		10.02	10.09		C			1							G
19469	9.282	0.019	8.687	0.018		0.555	0.023	T	0.63	0.02	L	8.7761	0.0017	0.011	72		8.75	8.79		C			1							
19470	11.276	0.105	9.162	0.027		1.748	0.087	T	1.77	0.09	L	9.0452	0.0035	0.020	51		9.01	9.09		R			1	S						
19471	9.434	0.016	8.357	0.011		0.932	0.015	T	0.93	0.01	L	8.4015	0.0017	0.016	109		8.37	8.43		C			1							
19472	10.450	0.049	9.242	0.030	*	1.070	0.015	G	1.13	0.02	I *	9.2080	0.0023	0.017	46	*	9.18	9.23		D	04102+1722	M 1	2 C	A	AB	322	0.363	0.010	1.48	0.07	
19473	9.895	0.017	7.950	0.007		1.614	0.015	T	1.64	0.01	L	7.8950	0.0012	0.017	175		7.86	7.92					1							
19474	9.356	0.016	9.035	0.017		0.311	0.002	G	0.36	0.00	H	9.0657	0.0018	0.022	107		9.03	9.10					1							
19475	9.619	0.013	9.138	0.013		0.453	0.017	T	0.52	0.02	L	9.2207	0.0018	0.025	247		9.17	9.26					1							
19476	9.668	0.017	8.351	0.010		1.118	0.015	T	1.08	0.02	L	8.3966	0.0011	0.012	108		8.37	8.42					1							
19477	10.647	0.055	8.864	0.020		1.485	0.046	T	1.50	0.07	L	8.7860	0.0019	0.012	68		8.76	8.81		C			1							
19478	8.533	0.016	8.303	0.017		0.228	0.015	G	0.25	0.02	H	8.3526	0.0030	0.013	43		8.33	8.37		C			1							S
19479	10.241	0.026	9.494	0.021		0.668	0.025	T	0.73	0.02	L	9.5505	0.0020	0.018	103		9.52	9.58					1							
19480	7.506	0.006	7.069	0.005		0.413	0.007	T	0.48	0.01	L	7.1173	0.0006	0.006	127		7.11	7.13		C			1							S
19481	9.032	0.020	8.189	0.016		0.741	0.020	T	0.79	0.01	L	8.2462	0.0018	0.011	51		8.22	8.27					1	G						
19482	10.016	0.029	9.250	0.024		0.698	0.029	T	0.75	0.02	L	9.2961	0.0022	0.018	95		9.26	9.33		C			1							
19483	6.626	0.005	5.546	0.004		0.941	0.002	G	0.94	0.04	E	5.6074	0.0007	0.005	79		5.60	5.62					1							S
19484	10.516	0.056	9.940	0.053		0.538	0.068	T	0.61	0.07	L	9.9528	0.0038	0.019	57		9.91	9.98		C			1							G
19485	10.671	0.049	9.922	0.039		0.685	0.050	T	0.74	0.04	L	9.9850	0.0027	0.024	86		9.95	10.03					1							G
19486	9.371	0.013	8.987	0.013		0.364	0.017	T	0.43	0.02	L	9.0630	0.0021	0.023	162		9.02	9.10					1							
19487	10.273	0.029	7.976	0.009		1.939	0.025	T	2.81	0.05	O	7.7257	0.0117	0.128	95		7.51	7.83		U 2 C			1	S						
19488	12.422	0.179	9.897	0.026	*	0.745	0.400	G	2.14	0.12	S *	9.5351	0.0048	0.042	145	*	9.45	9.58		R 2	04105+5751	H 1	2 C	S A	AB	344	0.179	0.007	0.44	0.27	G
19489	8.041	0.008	7.689	0.010		0.367	0.006	G	0.43	0.01	H	7.7414	0.0018	0.013	82		7.72	7.77					1							S
19490	9.399	0.013	8.288	0.009		0.958	0.012	T	0.95	0.01	L	8.3561	0.0014	0.015	146		8.33	8.38		C			1							
19491	8.260	0.010	7.934	0.010		0.289	0.004	G	0.33	0.01	H	7.9836	0.0015	0.014	106		7.96	8.01					1							S
19492	9.517	0.015	8.395	0.010		0.966	0.014	T	0.95	0.01	L	8.4401	0.0013	0.016	134		8.41	8.47					1							
19493	9.697	0.020	9.129	0.019		0.531	0.025	T	0.60	0.03	L	9.1961	0.0025	0.018	91		9.16	9.22					1							
19494	9.416	0.013	8.725	0.012		0.626	0.013	T	0.69	0.01	L	8.7797	0.0018	0.021	199		8.74	8.83					1							
19495	9.648	0.027	8.742	0.021		0.804	0.025	T	0.83	0.02	L	8.7886	0.0029	0.016	41		8.77	8.82		C			1							
19496	9.659	0.019	9.189	0.019		0.440	0.020	G	0.51	0.02	H	9.2333	0.0017	0.014	89		9.21	9.26		C			1							
19497	8.194	0.007	7.991	0.008		0.194	0.010	T	0.21	0.01	L	8.0400	0.0012	0.014	120		8.01	8.06					1							S
19498	9.839	0.023	9.076	0.019	A	0.100	0.495	G	0.70	0.03	L *	9.0516	0.0026	0.023	109	*	9.01	9.09		D	04107+6430	I 1	2 C	A	AB	158	2.414	0.026	2.48	0.10	
19499	10.323	0.055	9.106	0.034		1.040	0.050	T	1.01	0.04	L	9.1619	0.0028	0.016	39		9.14	9.19		C			1							
19500	9.184	0.010	8.087	0.007		0.947	0.009	T	0.94	0.01	L	8.1547	0.0014	0.017	228		8.13	8.19					1							S

Number HIP	Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag		Position: epoch J1991.25 α (ICRS) deg	δ deg	Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ	Standard Errors α* mas	δ	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ	Astrometric Correlations (%)	Soln F1 %	F2
1 2	3	4	5 6	7	8	9 10	11	12	13	14	15	16	17	18	19 20 21 22 23 24 25 26 27 28	29	30
19501	04 10 41.35	−25 25 32.1	7.86	H	62.672 310 63	−25.425 574 39	15.96	−59.37	−153.60	0.53	0.61	0.95	0.66	0.88	− 6 +13 + 6 + 3 +11 + 2 + 9 + 1 −18 −12	1	0.16
*19502	04 10 41.99	−60 46 07.2	8.81	H	62.674 954 93	−60.768 672 12	3.22	−4.04	−3.33	0.72	0.73	0.79	0.81	0.90	− 6 +13 −20 −16 +28 −12 +22 + 3 − 2 +30	1	−1.57
*19503	04 10 41.99	+53 09 07.7	8.24	H	62.674 943 25	+53.152 131 92	3.03	16.98	−15.94	0.77	0.63	1.03	0.89	0.86	− 5 +13 −19 + 8 − 2 +11 − 3 +20 − 9 + 7	0	0.15
19504	04 10 42.29	+18 25 24.0	6.61	H	62.676 200 64	+18.423 329 10	23.22	123.92	−31.41	0.83	0.57	0.92	0.94	0.66	+ 2 +35 −24 +13 + 4 −19 − 4 +26 −10 +10	0	2.38
19505	04 10 42.48	−17 47 01.4	9.61	G	62.677 018 03	−17.783 711 75	15.59	−25.03	−248.00	1.34	1.20	1.65	1.71	1.65	−17 +23 −16 +37 − 5 − 8 − 3 +35 +11 −24	2	−0.43
19506	04 10 44.20	−11 19 53.2	7.76	H	62.684 165 46	−11.331 430 74	4.29	13.20	9.70	0.89	0.73	1.19	1.33	1.03	+22 +27 − 5 −19 +12 + 5 + 2 − 1 −36 + 0	0	0.13
19507	04 10 44.45	−25 05 45.4	7.35	H	62.685 221 67	−25.095 931 65	12.68	−77.12	−57.18	0.47	0.60	0.92	0.58	0.82	−10 + 4 +17 − 1 + 8 − 2 + 9 + 7 −16 −14	0	0.21
19508	04 10 44.48	−04 52 28.2	7.36	G	62.685 326 21	−04.874 507 15	15.88	69.10	−140.77	0.74	0.61	0.96	0.99	1.05	+39 +16 −22 + 7 +19 −20 +11 +24 −30 +52	0	−0.53
19509	04 10 45.89	−35 16 25.4	6.43	G	62.691 189 36	−35.273 724 01	2.75	−20.06	−26.02	0.45	0.49	0.62	0.54	0.62	− 9 − 5 +10 − 1 +11 +11 +11 − 2 −19 − 2	0	0.37
19510	04 10 46.80	−19 11 03.9	11.46	G	62.694 987 71	−19.184 421 29	26.34	143.51	−172.17	1.88	1.95	2.64	2.25	2.80	+12 +15 − 2 −29 +28 −16 +22 +22 −28 +25	0	1.98
19511	04 10 47.74	−08 49 11.4	5.70	G	62.698 902 02	−08.819 820 97	10.06	48.06	2.84	0.75	0.54	0.90	0.85	0.74	+ 5 +49 −10 +22 + 6 + 6 + 0 +21 −12 + 7	0	1.81
19512	04 10 48.57	−15 55 01.5	9.90	H	62.702 376 86	−15.917 080 74	0.77	7.28	−11.08	1.79	1.43	2.22	2.24	1.71	+11 +47 +12 +49 +16 +39 +13 +44 + 4 −14	2	−0.11
19513	04 10 49.88	+26 28 51.7	5.39	1 H	62.707 837 42	+26.481 039 48	16.72	−30.81	−36.10	0.75	0.56	0.93	0.85	0.82	+41 +24 −15 + 7 +16 −16 + 3 +36 −45 +39	0	−1.33
*19514	04 10 50.47	−86 11 40.0	8.71	H	62.710 312 03	−86.194 448 70	2.45	−1.86	−1.52	0.66	0.75	0.77	0.70	0.85	− 7 + 8 − 7 +11 − 9 − 2 −10 +21 − 5 −11	0	−1.80
*19515 H	04 10 50.43	−41 59 37.5	4.93	G	62.710 137 58	−41.993 741 21 *	18.61	199.09	69.10	1.35	0.79	0.59	0.46	0.54	+50 +15 − 1 − 9 −10 + 2 − 3 −25 + 6 +38	3	1.17
19516	04 10 51.20	+03 34 27.4	10.48	H	62.713 321 63	+03.574 269 95	4.75	16.08	20.67	1.99	1.41	2.21	3.04	2.32	+19 +24 −20 −16 −15 +25 − 8 −21 + 6 +33	0	−0.28
19517	04 10 51.92	+42 12 34.7	8.83	2 H	62.716 339 97	+42.209 651 30	3.71	1.51	−24.49	1.15	0.76	1.54	1.28	1.05	− 5 +35 −38 − 4 − 1 +16 −10 +33 −16 +32	0	−0.69
19518	04 10 53.53	−29 03 15.3	8.88	G	62.723 045 07	−29.054 236 31	1.72	5.70	−11.22	0.72	0.83	1.22	0.76	1.08	−13 + 7 − 3 +15 − 8 +10 −10 +12 −20 −11	3	−1.20
19519	04 10 55.17	+15 56 48.1	7.18	H	62.729 886 22	+15.946 698 37	5.04	−10.12	−13.64	0.90	0.75	0.93	1.09	0.98	+31 +30 −19 +25 +33 − 5 +30 +44 − 7 +38	0	0.16
19520	04 10 55.31	−02 29 19.5	9.13	H	62.730 463 46	−02.488 754 03	2.15	18.35	3.69	0.97	0.74	1.17	1.30	1.15	+56 +29 +20 − 7 −21 −29 −24 −17 − 9 +42	2	−0.32
19521	04 10 56.78	+40 59 32.7	9.28	H	62.736 589 97	+40.992 411 38	7.29	32.60	−24.21	1.20	0.81	1.74	1.62	1.29	+ 1 +32 −27 +15 + 4 +20 + 2 +43 − 5 +25	0	−1.47
19522	04 10 57.20	+57 08 39.2	8.87	H	62.738 342 53	+57.144 210 96	−0.36	3.37	−1.00	0.93	0.85	1.22	1.21	1.11	− 3 +22 −15 +44 −25 +16 −26 +50 −15 +15	0	−1.09
19523	04 10 57.61	−14 21 46.9	7.72	H	62.740 052 99	−14.363 018 01	5.11	44.06	−13.61	0.87	0.64	1.16	1.35	0.97	− 5 +12 −11 + 9 +27 +32 +27 +22 −39 −46	0	−1.20
19524	04 10 57.92	−23 23 11.0	9.29	H	62.741 324 88	−23.386 402 11	6.66	9.68	1.56	0.56	0.78	1.28	0.68	1.08	− 9 +14 + 5 −15 +13 − 4 +10 − 4 −22 − 4	0	−0.77
19525	04 10 59.02	+33 35 12.5	5.75	H	62.745 925 06	+33.586 813 80	5.95	−1.52	−8.91	0.73	0.55	0.80	0.87	0.67	+33 +23 − 5 +23 + 6 −10 + 5 +44 −20 +21	3	0.86
19526	04 10 59.16	+14 16 39.5	8.71	H	62.746 501 36	+14.277 636 16	5.02	−22.91	−26.12	1.05	0.79	1.20	1.28	0.98	+20 +34 + 1 + 8 + 7 −21 − 1 +22 −24 +18	0	0.85
19527	04 11 00.52	+01 57 51.8	8.50	G	62.752 167 12	+01.964 380 99	7.26	−1.68	0.82	1.01	0.63	1.11	1.34	1.32	+39 +19 − 4 + 4 − 9 +12 −16 + 0 + 0 +48	0	−0.15
19528	04 11 03.11	−46 56 28.1	7.37	H	62.762 962 18	−46.941 132 76	9.03	−26.26	−108.16	0.57	0.54	0.62	0.69	0.63	−12 +12 − 7 +19 −17 + 6 −17 +23 − 9 − 9	3	−0.34
19529	04 11 03.39	+16 38 49.1	6.97	H	62.764 144 97	+16.646 978 95	2.99	3.30	2.49	0.85	0.78	1.06	1.20	1.05	+32 + 8 −45 − 6 − 9 +19 + 0 − 7 +24 +54	0	2.18
19530	04 11 03.77	−63 09 38.1	9.22	1 G	62.765 693 19	−63.160 596 32	2.48	11.60	8.30	0.68	0.70	0.73	0.63	0.80	−15 + 0 −13 −41 +19 − 2 +13 − 8 − 8 +14	0	0.18
19531	04 11 04.37	−34 06 47.1	8.44	H	62.768 211 60	−34.113 090 71	6.98	−24.01	3.78	0.59	0.70	0.86	0.72	0.85	−22 + 0 + 4 + 5 + 4 +16 + 3 + 1 −20 −31	0	2.01
*19532	04 11 04.55	+08 32 22.6	11.74	G	62.768 973 93	+08.539 597 81	17.01	34.13	−47.82	4.67	3.32	5.04	5.54	4.97	+ 6 +43 + 5 +22 −10 −10 −14 +29 − 5 +28	0	0.49
*19533	04 11 04.55	−20 03 05.2	8.91	2 H	62.768 954 86	−20.051 434 68	3.25	−2.55	3.91	0.92	0.91	1.25	0.94	1.26	−14 + 6 −10 −49 +52 −15 +45 +27 −10 + 9	0	0.97
19534	04 11 04.87	+35 13 33.2	9.27	H	62.770 277 66	+35.225 892 80	9.55	−3.99	−27.35	1.36	0.90	1.59	1.78	1.21	+ 2 +11 −28 + 4 −16 +23 −16 +31 +13 +22	0	0.33
*19535 H	04 11 05.24	−18 25 36.0	8.05	2 G	62.771 854 10	−18.426 665 51 A	10.41	33.76	−11.92	1.51	1.37	1.56	1.86	1.70	+13 −12 + 1 +37 +19 −15 +20 +41 −10 +14	1	−0.13
*19536	04 11 04.98	−05 16 13.3	7.86	H	62.770 755 72	−05.270 349 66	6.34	−37.48	−46.27	0.81	0.65	1.06	1.00	1.03	+41 +30 −13 − 4 +10 −23 − 3 +12 −36 +48	0	1.49
19537	04 11 05.41	+60 10 24.9	8.75	H	62.772 540 59	+60.173 590 46	5.06	−9.92	−5.65	0.69	0.75	1.10	0.80	0.90	+ 3 +16 −28 +33 − 2 +16 − 3 +45 −23 +15	3	0.10
19538	04 11 05.93	+06 43 06.8	8.77	H	62.774 698 21	+06.718 566 35	6.14	54.60	−22.39	1.49	1.22	1.51	1.45	1.53	+45 +64 +24 +48 +40 +26 +37 +67 +18 +45	0	2.66
19539	04 11 06.99	+35 55 42.0	8.82	H	62.779 113 95	+35.928 323 99	0.59	0.41	−2.74	1.11	0.81	1.28	1.44	1.14	+23 +19 − 6 +12 − 8 + 8 − 8 +31 +14 +33	0	−0.49
19540	04 11 07.92	−01 14 56.6	9.83	H	62.783 012 93	−01.249 059 74	1.81	18.44	−7.14	1.28	0.78	1.42	1.62	1.21	+32 +36 +27 +22 − 3 +17 −12 +14 − 9 − 8	0	0.30
19541	04 11 08.13	+45 24 07.8	7.60	H	62.783 871 52	+45.402 179 92	5.51	19.95	−47.16	0.79	0.60	1.04	0.76	0.73	+ 5 +27 −29 + 1 +21 +11 +16 +33 −22 +29	0	−0.52
19542	04 11 08.50	+21 53 06.5	9.27	G	62.785 422 99	+21.885 132 13	2.73	0.36	−3.32	1.32	0.87	1.45	1.52	1.13	+ 4 +39 − 2 −16 +12 −14 + 3 + 0 −23 − 3	0	0.35
19543	04 11 08.78	−54 02 21.7	8.57	G	62.786 595 50	−54.039 370 18	8.90	−17.89	16.40	0.70	0.67	0.76	0.75	0.79	− 1 + 6 −24 − 6 − 9 − 1 −11 − 7 +11 −10	0	−0.64
19544	04 11 09.21	+60 23 45.3	9.10	H	62.788 394 46	+60.395 912 45	4.04	−12.21	3.90	0.86	0.84	1.29	0.94	1.04	− 2 +23 −30 +33 + 2 +11 − 2 +43 −23 +24	2	−0.50
19545	04 11 09.36	+02 19 06.4	7.01	2 H	62.788 987 02	+02.318 434 47	1.68	−11.35	−16.19	0.80	0.55	0.88	1.07	1.00	+32 +11 −17 + 6 −13 +19 −12 − 8 +19 +45	0	1.01
19546	04 11 09.65	+49 37 24.3	8.31	G	62.790 220 74	+49.623 419 15	4.80	16.90	−18.09	0.98	0.65	1.10	1.13	0.87	−24 +37 −30 +28 − 4 −12 −19 +48 −20 +14	0	1.23
19547	04 11 10.39	+55 50 34.8	9.01	H	62.793 301 94	+55.843 004 20	3.94	−9.95	−12.13	0.90	0.78	1.11	1.05	0.98	− 6 + 9 −20 + 1 + 2 + 8 + 3 +18 − 2 + 2	2	−0.51
19548	04 11 10.50	+15 37 34.5	7.73	H	62.793 746 98	+15.626 257 76	4.24	−0.99	−8.74	0.91	0.76	0.94	1.07	0.94	+33 +19 −14 +32 +29 −17 +24 +45 −15 +41	0	1.98
19549	04 11 13.08	+18 22 48.8	9.66	H	62.804 515 94	+18.380 222 19	8.13	−25.19	−122.41	1.62	1.08	1.86	1.80	1.25	+16 +41 −11 + 0 − 5 −27 −14 +11 −14 +17	0	2.47
19550	04 11 13.24	+41 44 51.2	6.98	H	62.805 168 25	+41.747 558 34	5.04	37.19	−71.36	0.76	0.63	1.02	1.07	0.99	+17 +25 −35 +12 +28 +11 +13 +55 − 9 +60	0	−0.45
19551 H	04 11 14.48	+55 54 37.9	7.70	H	62.810 344 14	+55.910 517 63 *	3.46	7.55	−5.85	10.26	4.76	1.06	0.97	0.96	+26 + 9 −16 + 2 + 3 + 3 − 1 + 7 −25 − 8	0	0.22
19552 H	04 11 16.79	+02 18 56.3	9.16	H	62.819 964 21	+02.315 631 21 A	7.73	−31.07	−19.33	1.95	1.25	1.88	2.42	1.95	+34 + 1 −12 − 3 −22 +23 −26 −14 + 4 +21	1	0.01
19553	04 11 16.89	+46 55 14.0	8.14	G	62.820 392 04	+46.920 567 52	14.29	−57.64	6.87	0.97	0.60	1.06	1.16	0.82	−24 +29 −12 +35 −30 + 7 −32 +29 − 6 −31	0	0.17
19554	04 11 20.20	+05 31 22.9	5.71	H	62.834 148 87	+05.523 035 05	25.89	146.86	5.00	1.00	0.70	0.95	1.00	0.85	−10 +43 −15 +46 − 4 − 2 −12 +56 −19 + 1	0	0.49
19555	04 11 20.71	−02 57 52.8	9.23	H	62.836 311 33	−02.964 669 81	3.20	36.98	−9.86	1.06	0.79	1.29	1.64	1.20	+56 +12 − 2 −23 −12 −17 −13 −21 − 9 +27	0	0.68
19556	04 11 21.17	+02 21 37.9	10.08	H	62.838 211 62	+02.360 520 79	4.24	−5.92	19.62	1.64	1.03	1.73	2.22	1.86	+33 + 5 − 9 − 1 −19 +18 −23 −11 +12 +29	2	−0.64
19557 H	04 11 21.19	+60 04 56.0	8.04	H	62.838 303 30	+60.082 230 81 A	4.66	−5.67	−1.08	1.04	0.98	1.33	0.99	1.05	+ 1 +13 + 5 +27 −22 +16 −27 +26 −10 − 1	0	−1.19
19558	04 11 21.82	+22 03 40.1	8.52	H	62.840 924 95	+22.061 127 31	3.06	−11.48	−4.91	1.13	0.76	1.26	1.39	0.98	+11 +28 + 1 −13 + 5 − 6 + 0 + 5 −26 + 1	0	0.16
19559	04 11 22.54	+44 21 43.8	8.39	H	62.843 908 21	+44.362 159 81	5.18	−2.81	−18.15	0.90	0.71	1.22	1.03	0.91	+ 1 +28 −42 − 3 + 5 +15 + 1 +29 − 3 +40	0	−0.39
19560	04 11 23.13	+26 24 39.6	11.97	H	62.846 370 61	+26.410 992 91	14.00	107.18	−170.35	4.42	2.84	5.37	5.34	4.35	+34 +33 − 6 − 1 − 5 + 7 −13 +19 −39 +14	0	1.89
19561	04 11 23.49	−80 59 44.8	8.60	H	62.847 876 70	−80.995 771 56	4.30	20.12	70.23	0.64	0.77	0.76	0.66	1.07	−15 +13 −20 −12 + 9 + 2 +14 − 6 + 6 −13	0	0.93
19562	04 11 25.60	−15 58 06.5	7.01	H	62.856 682 30	−15.968 468 15	1.09	−0.84	11.19	0.82	0.63	0.90	0.98	0.82	− 3 +26 −10 +54 + 2 +10 + 3 +49 − 2 −17	0	−0.08
19563	04 11 26.92	+40 54 48.0	7.26	H	62.862 157 04	+40.913 345 50	5.71	17.02	−26.39	0.80	0.52	1.01	0.90	0.81	− 1 +34 −22 +14 +22 + 9 +11 +47 −13 +35	0	−0.25
19564 H	04 11 27.00	+41 51 35.8	8.58	H	62.862 507 41	+41.859 955 22 B	3.24	12.71	−39.02	3.11	2.26	2.45	2.91	2.81	+16 + 9 −17 +16 +33 − 1 +17 +45 −21 +69	1	−0.46
19565	04 11 28.01	−03 15 20.7	8.71	H	62.866 694 20	−03.255 756 29	0.70	4.11	−1.97	0.98	0.78	1.24	1.36	1.16	+51 + 8 −11 + 5 + 7 −10 + 4 + 7 −21 +28	0	0.21
19566	04 11 28.35	+37 48 11.4	8.98	H	62.868 142 51	+37.803 159 67	1.43	14.41	−16.75	1.09	0.74	1.28	1.27	1.06	+ 8 + 3 −25 − 6 + 9 + 3 − 1 +33 −17 +34	4	−0.28
19567	04 11 31.03	−25 08 02.2	9.36	3 H	62.879 291 26	−25.133 943 36	2.98	−7.19	−12.46	0.94	1.09	1.67	1.33	1.60	−22 +11 +18 −56 +38 + 3 +31 − 2 −15 −15	3	1.85
19568	04 11 31.13	−26 45 50.4	9.31	H	62.879 727 75	−26.763 989 35	9.62	86.30	−90.34	0.75	0.90	1.37	0.91	1.19	−18 + 6 + 0 −31 −16 + 7 − 4 + 2 − 1 −56	1	0.83
19569	04 11 31.64	−00 25 21.0	6.59	H	62.881 853 46	−00.422 496 70	5.99	3.87	−1.77	0.76	0.47	0.79	0.98	0.73	+29 +23 + 1 +18 − 3 − 3 − 6 +21 − 9 + 6	0	−2.74
19570	04 11 34.24	−56 56 51.4	9.03	H	62.892 656 53	−56.947 608 31	4.29	3.71	−42.14	0.78	0.76	0.83	0.97	0.88	+ 5 − 5 + 0 + 2 − 1 − 5 − 1 +16 − 3 + 6	0	−0.16
19571	04 11 36.18	−20 21 22.6	5.80	2 H	62.900 730 99	−20.356 278 12	13.06	45.73	49.83	0.51	0.49	0.72	0.55	0.72	−15 + 6 − 9 −29 +47 −18 +46 +28 −18 + 2	0	−0.78
19572	04 11 37.97	+29 49 49.6	8.27	H	62.908 208 59	+29.830 440 49	12.91	119.59	−109.73	1.01	0.87	1.19	1.42	1.23	+52 + 3 −33 +10 +27 −32 +14 +48 −34 +64	0	1.87
19573	04 11 38.65	+34 23 55.0	9.58	H	62.911 032 73	+34.398 609 82	2.95	7.18	−5.83	1.30	0.97	1.45	1.59	1.30	+34 +22 − 7 + 9 +20 + 3 +16 +52 −13 +37	0	2.73
19574	04 11 39.65	−52 06 41.0	8.58	G	62.915 228 04	−52.111 394 92	1.30	3.89	1.94	0.74	0.68	0.76	0.78	0.80	−12 + 1 + 0 − 4 −11 − 5 −13 − 9 + 4 −13	0	−2.42
19575	04 11 40.07	+05 19 23.1	7.83	H	62.916 978 08	+05.323 090 86	12.03	23.74	−15.09	1.19	0.89	1.25	1.27	1.17	− 5 +39 −18 +35 + 1 − 6 − 5 +42 − 8 +20	0	0.04
19576 H	04 11 41.21	+31 33 02.6	7.67	H	62.921 713 04	+31.550 734 48 A	4.48	−2.20	−16.63	1.50	1.15	1.50	1.44	1.37	+41 +18 −11 +34 +42 +15 +32 +72 −24 +58	0	0.07
19577	04 11 42.92	−47 05 07.8	7.07	H	62.928 845 44	−47.085 502 54	4.48	2.77	10.21	0.56	0.52	0.61	0.69	0.59	−14 + 3 − 9 +16 −20 +11 −18 +17 −11 −14	1	0.13
19578	04 11 43.70	−21 25 00.0	8.96	H	62.932 081 14	−21.416 668 25	5.63	15.71	−9.26	0.80	0.75	1.23	0.86	1.10	−14 +24 − 4 − 2 +34 − 4 +35 +31 + 6 + 9	0	1.31
19579	04 11 44.89	−59 10 11.7	8.07	G	62.937 037 67	−59.169 903 66	11.30	43.81	25.56	0.64	0.58	0.66	0.63	0.63	− 2 +18 − 9 −10 + 8 +15 + 9 − 6 + 6 − 6	3	−0.16
19580	04 11 46.38	−47 58 34.3	9.18	H	62.943 259 74	−47.976 197 78	3.93	23.47	23.67	0.83	0.81	0.95	1.04	1.04	− 6 +12 −22 + 4 − 5 +11 − 2 − 3 − 2 + 0	0	−0.54
19581	04 11 46.51	+49 44 45.7	9.22	H	62.943 797 09	+49.746 040 74	16.73	38.03	−274.01	1.21	0.85	1.50	1.39	1.12	−11 +26 −24 + 8 − 4 − 3 −17 +36 −30 +14	0	0.62
19582	04 11 48.26	−38 14 43.3	11.38	G	62.951 067 42	−38.245 347 54	18.61	97.25	136.23	1.45	1.75	2.12	1.74	2.03	− 4 − 7 −20 −20 − 1 + 2 − 2 −32 +26 + 0	2	0.32
19583 H	04 11 48.94	+25 59 01.8	8.74	H	62.953 932 96	+25.983 836 84 A	11.51	12.27	15.09	2.11	1.43	2.18	2.17	1.95	+11 +29 − 4 − 2 + 2 − 3 + 2 +26 −37 +34	1	−0.08
19584	04 11 49.20	−36 03 02.9	9.81	H	62.955 017 03	−36.050 817 44	9.82	63.62	89.00	0.91	0.96	1.25	1.17	1.22	−10 − 8 +10 − 8 + 0 +20 − 1 −11 −17 −16	1	−0.20
19585	04 11 50.62	−68 12 42.3	9.15	H	62.960 907 39	−68.211 737 51	2.06	4.41	−0.40	0.79	0.82	0.84	0.92	1.15	+ 0 + 5 + 1 + 3 +13 + 0 +15 + 1 + 2 − 6	0	0.34
19586	04 11 51.31	+24 25 51.2	8.93	H	62.963 799 06	+24.430 876 94	9.48	31.88	−32.74	1.19	0.71	1.37	1.76	1.12	+29 + 1 −20 −31 −25 +29 −21 + 6 −15 +21	0	−1.01
19587	04 11 51.93	−06 50 16.0	4.04	1 G	62.966 388 34	−06.837 778 70	25.98	11.92	81.28	0.75	0.63	1.04	1.09	1.10	+34 +15 −36 +17 +10 −16 + 1 +10 −18 +49	0	−0.41
19588	04 11 54.00	+63 02 27.6	7.28	H	62.974 989 63	+63.041 007 55	8.83	75.10	−52.68	0.54	0.60	0.83	0.64	0.77	+17 +10 −16 + 2 +12 + 9 +10 +24 −16 +29	0	−0.58
19589	04 11 55.19	−83 36 07.0	8.46	H	62.979 973 03	−83.601 953 45	7.09	20.03	38.56	0.60	0.64	0.73	0.64	0.95	−14 +27 −20 −11 − 5 − 3 + 0 −27 +16 + 7	1	0.47
19590	04 11 56.10	−08 50 15.0	6.45	H	62.983 750 60	−08.837 502 29	6.09	61.57	6.96	1.15	0.65	1.01	1.79	1.40	− 6 +58 −15 +65 −22 +25 −59 +21 −40 −61	4	0.61
19591 H	04 11 56.13	+23 38 11.3	9.38	2 G	62.983 892 31	+23.636 458 51 *	27.21	137.76	−54.42	8.10	3.49	2.11	2.28	1.74	+79 − 2 −14 − 2 − 7 + 3 − 7 + 5 −21 +34	0	0.49
19592	04 11 56.19	+27 08 45.2	9.55	G	62.984 136 49	+27.145 892 04	2.04	−0.21	−2.19	1.54	1.00	1.63	2.12	1.36	+11 −12 − 5 +33 −24 −37 −27 +17 −13 +20	0	0.08
19593	04 11 56.38	−52 25 26.2	8.29	G	62.984 916 84	−52.423 931 25	14.32	−43.02	1.58	0.67	0.66	0.74	0.77	0.77	− 9 + 3 − 7 − 3 −11 +15 − 9 + 8 +11 −12	0	−1.25
19594	04 11 57.71	−67 33 29.1	8.59	H	62.990 440 25	−67.558 084 58	4.36	−4.86	−19.82	0.66	0.71	0.72	0.70	0.89	−11 +11 −12 −20 + 3 +11 + 4 + 0 + 8 − 3	0	1.52
19595	04 11 58.06	+00 25 42.9	9.88	H	62.991 899 15	+00.428 584 52	2.99	−9.23	−1.47	1.37	0.94	1.44	1.77	1.68	+39 +21 + 2 +23 +14 − 6 + 8 +32 − 8 +44	0	1.29
19596	04 11 58.89	−60 39 53.7	8.87	H	62.995 384 31	−60.664 918 38	3.14	19.07	9.60	0.74	0.73	0.80	0.87	0.89	− 8 + 7 −19 −22 +23 −16 +15 − 1 − 6 +24	1	−1.58
19597	04 11 58.89	−53 24 43.5	7.07	G	62.995 395 46	−53.412 076 07	5.54	−16.14	−14.02	0.56	0.59	0.63	0.65	0.67	− 3 − 2 −17 −12 − 4 +13 − 2 −17 + 9 − 9	0	−1.06
19598	04 11 58.97	−08 09 19.8	9.13	H	62.995 709 71	−08.155 508 16	2.72	−1.38	3.01	1.13	0.86	1.39	1.37	1.14	+33 +42 + 5 +16 + 7 −17 + 5 +35 −10 +14	0	1.43
19599	04 11 59.48	−47 19 15.3	8.35	H	62.997 841 68	−47.320 905 75	3.59	−0.20	−3.66	0.64	0.67	0.76	0.83	0.81	− 4 + 6 − 7 + 4 −13 +24 −12 +22 − 6 − 3	0	0.67
19600	04 11 59.58	−27 33 06.0	9.29	H	62.998 269 80	−27.551 653 28	14.32	52.95	41.48	0.69	0.80	1.16	0.86	1.13	−17 +16 + 2 −20 − 8 − 5 − 7 −10 + 3 −43	0	0.68

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
19501	8.359	0.007	7.907	0.007		0.440	0.008	T	0.51	0.01	L	7.9582	0.0014	0.014	167		7.93	7.99					1							S
19502	10.268	0.030	8.929	0.017		1.136	0.027	T	1.10	0.03	L	8.9780	0.0015	0.017	101		8.95	9.01					1							
19503	9.422	0.019	8.348	0.013		0.930	0.018	T	0.92	0.01	L	8.4068	0.0021	0.016	83		8.38	8.45					1							
19504	7.095	0.006	6.642	0.006		0.427	0.009	G	0.47	0.03	C	6.6973	0.0005	0.004	55		6.69	6.70		D			1							S
19505	10.727	0.044	9.737	0.031		0.877	0.017	G	0.92	0.02	H	9.7649	0.0044	0.026	76		9.73	9.81					1							
19506	9.257	0.019	7.882	0.011		1.164	0.017	T	1.13	0.01	L	7.9221	0.0016	0.012	69		7.89	7.94		C			1							S
19507	8.046	0.007	7.413	0.006		0.583	0.007	T	0.65	0.01	L	7.4771	0.0010	0.013	181		7.46	7.50					1							S
19508	8.171	0.009	7.438	0.008		0.651	0.002	G	0.71	0.00	H	7.4957	0.0010	0.008	98		7.48	7.52			04107−0452	I 1	1							S
19509	7.816	0.007	6.570	0.004		1.070	0.004	G	1.06	0.02	G	6.6093	0.0010	0.010	135		6.59	6.63					1							S
19510						1.298	0.004	G	1.49	0.01	I	11.5910	0.0049	0.050	95		11.52	11.66					1							G
19511	7.045	0.006	5.800	0.004		1.057	0.001	G	0.99	0.04	E	5.8656	0.0010	0.008	66		5.86	5.88		C			1							S
19512	11.603	0.093	10.118	0.042		1.270	0.084	T	2.08	0.46	K	9.9770	0.0051	0.032	70		9.92	10.02					1							
19513	5.804	0.006	5.432	0.005		0.352	0.007	T	0.41	0.01	L	5.4712	0.0045	0.032	74		5.42	5.52	0.13	P 1 A			1							S P
19514	9.327	0.015	8.739	0.014		0.549	0.018	T	0.62	0.02	L	8.8276	0.0022	0.019	120		8.80	8.86					1							
19515	5.329	0.002	4.970	0.002	*	0.334	0.011	G	0.41	0.00	A *	5.0108	0.0005	0.006	128	*	5.00	5.02		D	04108−4200	H 1	2 C	A	AB	20	0.220	0.012	2.13	0.12	S
19516						0.587	0.072	G	0.66	0.07	R	10.6076	0.0058	0.027	40		10.56	10.65					1							G
19517	11.076	0.052	9.137	0.018		1.644	0.045	T	3.31	0.10	O	8.6331	0.0367	0.167	90		8.33	8.77		U 2			1	S						P
19518	10.285	0.022	8.983	0.013		1.097	0.015	G	1.06	0.02	I	9.0472	0.0023	0.025	158		9.01	9.09					1							
19519	7.351	0.009	7.197	0.008		0.148	0.011	T	0.16	0.01	L	7.2292	0.0016	0.007	46		7.22	7.24		C			1							S
19520	9.447	0.016	9.151	0.018		0.281	0.023	T	0.32	0.03	L	9.2074	0.0019	0.015	110		9.18	9.23		C			1							
19521	9.890	0.022	9.366	0.021		0.492	0.027	T	0.56	0.03	L	9.3917	0.0026	0.020	93		9.35	9.43					1							
19522	9.650	0.018	8.961	0.016		0.636	0.020	T	0.70	0.02	L	9.0017	0.0016	0.018	113		8.97	9.03		C			1							
19523	9.258	0.017	7.847	0.010		1.192	0.015	T	1.15	0.01	L	7.8891	0.0014	0.011	80		7.87	7.91		C			1							S
19524	9.645	0.014	9.313	0.015		0.320	0.022	T	0.37	0.03	L	9.3692	0.0021	0.026	216		9.32	9.42					1							
19525	7.587	0.011	5.897	0.004		1.412	0.009	T	1.43	0.03	C	5.8876	0.0008	0.005	77		5.88	5.90		C			1							S
19526	10.411	0.045	8.827	0.021		1.328	0.039	T	1.29	0.04	L	8.8673	0.0023	0.018	57		8.85	8.90		C			1	S						
19527	8.922	0.012	8.551	0.012		0.374	0.015	G	0.44	0.02	H	8.5873	0.0015	0.013	91		8.56	8.62		C			1							S
19528	7.973	0.008	7.431	0.007		0.515	0.008	T	0.59	0.01	L	7.4816	0.0010	0.010	119		7.46	7.50		C			1							S
19529	7.391	0.009	7.028	0.010		0.344	0.013	T	0.40	0.02	L	7.0560	0.0011	0.005	43		7.05	7.07					1							S
19530	9.693	0.020	9.256	0.020		0.398	0.015	G	0.46	0.02	H	9.3207	0.0047	0.029	103		9.27	9.36	0.12	P 1 A			1							
19531	8.961	0.013	8.497	0.012		0.450	0.014	T	0.52	0.01	L	8.5456	0.0017	0.016	135		8.52	8.58		C			1							S
19532						1.316	0.014	G	1.38	0.14	K	11.8714	0.0086	0.061	37		11.80	11.95					1	S						D
19533	10.861	0.048	9.171	0.020		1.439	0.043	T	2.79	0.06	O	8.8780	0.0060	0.060	150		8.80	9.01	11.65	P 1 A			1							P
19534	10.058	0.031	9.320	0.026		0.676	0.032	T	0.74	0.03	L	9.4086	0.0028	0.019	63		9.38	9.44		C			1							
19535	8.767	0.019	8.284	0.018	A	0.533	0.015	G	0.61	0.02	H *	8.1699	0.0035	0.033	76	*	8.14	8.27		U 2	04111−1826	I 1	2 C	A	AB	95	4.151	0.010	1.87	0.04	S
19536	9.022	0.014	7.967	0.010		0.915	0.013	T	0.91	0.01	L	8.0150	0.0014	0.010	91		8.00	8.03		C			1							S
19537	8.885	0.011	8.759	0.013		0.122	0.016	T	0.14	0.02	L	8.7994	0.0022	0.016	115		8.77	8.83		C			1							S
19538	9.385	0.022	8.861	0.021		0.492	0.027	T	0.56	0.03	L	8.8811	0.0032	0.016	46		8.86	8.92		C			1	G						
19539	9.056	0.020	8.862	0.024		0.186	0.029	T	0.20	0.03	L	8.8841	0.0032	0.023	71		8.85	8.92					1							
19540	10.374	0.034	9.921	0.034		0.427	0.044	T	0.49	0.05	L	9.9259	0.0022	0.017	86		9.89	9.95		C			1							
19541	8.861	0.014	7.724	0.009		0.978	0.013	T	0.96	0.01	L	7.7667	0.0012	0.011	86		7.75	7.78		C			1							S
19542	9.768	0.041	9.347	0.043		0.543	0.015	G	0.62	0.01	H	9.3746	0.0029	0.017	50		9.34	9.40					1							
19543	9.044	0.013	8.594	0.013		0.417	0.015	G	0.48	0.02	H	8.6584	0.0019	0.016	103		8.63	8.69					1							S
19544	10.497	0.030	9.265	0.018		1.052	0.027	T	1.02	0.02	L	9.2638	0.0019	0.019	106		9.22	9.30		C			1							
19545	9.362	0.017	7.234	0.007		1.799	0.015	T	2.60	0.03	O	7.0108	0.0023	0.020	83		6.98	7.04		U 2			1	S						S
19546	8.739	0.012	8.348	0.013		0.400	0.015	G	0.47	0.02	H	8.4002	0.0018	0.014	88		8.37	8.42		C			1							
19547	9.384	0.023	9.014	0.025		0.280	0.015	G	0.32	0.02	H	9.0854	0.0017	0.015	82		9.04	9.11		C			1							
19548	7.968	0.010	7.751	0.011		0.207	0.014	T	0.23	0.02	L	7.7974	0.0015	0.010	46		7.79	7.82		C			1							S
19549	10.334	0.050	9.760	0.046		0.537	0.060	T	0.61	0.06	L	9.7723	0.0018	0.015	56		9.75	9.80		C			1							
19550	8.368	0.011	7.107	0.006		1.075	0.010	T	1.04	0.01	L	7.1481	0.0009	0.008	99		7.13	7.16		C			1							S
19551	10.127	0.033	7.941	0.011	*						T *	7.8327	0.0017	0.014	81	*	7.81	7.86			04112+5555	H 1	2 C	B	AB	124	0.203	0.062	1.20	1.45	
19552	9.798	0.026	9.256	0.025	*	0.508	0.032	T	0.58	0.03	L *	9.2739	0.0025	0.018	84	*	9.23	9.30		C	04113+0219	H 1	2 C	A	AB	277	0.908	0.017	2.22	0.05	
19553	8.782	0.011	8.204	0.010		0.549	0.015	G	0.62	0.01	H	8.2511	0.0015	0.015	98		8.23	8.28		C			1							
19554	6.132	0.005	5.748	0.005		0.360	0.012	G	0.42	0.02	A	5.7917	0.0007	0.005	37		5.78	5.81			04114+0532	I 1	1							S
19555	10.389	0.028	9.311	0.019		0.933	0.026	T	0.93	0.02	L	9.3894	0.0021	0.020	117		9.36	9.42					1							
19556	10.765	0.049	10.209	0.049		0.521	0.062	T	0.59	0.07	L	10.1952	0.0030	0.024	79		10.16	10.24		C			1							
19557	8.162	0.008	8.052	0.009	A	0.126	0.141	G	0.10	0.02	L *	8.0759	0.0014	0.013	120	*	8.05	8.10			04114+6005	H 1	2 C	C	AB	114	1.394	0.048	3.81	0.20	S
19558	10.060	0.042	8.699	0.024		1.153	0.038	T	1.12	0.03	L	8.6907	0.0026	0.017	49		8.66	8.72		C			1							
19559	8.494	0.011	8.404	0.013		0.088	0.016	T	0.10	0.02	L	8.4299	0.0016	0.014	85		8.41	8.46		C			1							
19560											T	12.1078	0.0108	0.066	64		11.94	12.23					1	S						D
19561	10.131	0.023	8.709	0.013		1.201	0.021	T	1.16	0.02	L	8.7639	0.0021	0.020	109		8.73	8.80					1							
19562	8.943	0.014	7.157	0.007		1.488	0.012	T	1.51	0.02	L	7.1400	0.0014	0.012	82		7.12	7.17					1							S
19563	7.457	0.007	7.273	0.008		0.176	0.010	T	0.19	0.01	L	7.3250	0.0010	0.009	110		7.31	7.34					1							S
19564	9.262	0.015	8.807	0.015	*	0.428	0.011	G	0.50	0.01	H *	8.6791	0.0019	0.014	94	*	8.65	8.70		D	04115+4152	I 1	2 C	A	BA	225	0.937	0.005	0.05	0.02	
19565	10.399	0.029	8.824	0.014		1.321	0.025	T	1.28	0.03	L	8.8704	0.0015	0.017	117		8.84	8.90		C			1							
19566	10.446	0.043	9.150	0.024		1.102	0.039	T	1.06	0.04	L	9.1513	0.0017	0.016	88		9.13	9.18		C			1							
19567						1.500	0.510	G	2.91	1.20	Q	9.2949	0.2646	1.428	139		7.79	11.72	378.00	P 1 B			1	S						G P
19568	10.117	0.018	9.391	0.015		0.652	0.018	T	0.72	0.02	L	9.4435	0.0025	0.030	220		9.38	9.49					1							
19569	8.013	0.008	6.711	0.005		1.107	0.007	T	1.07	0.01	L	6.7528	0.0010	0.009	94		6.73	6.77		C			1							S
19570	10.277	0.027	9.144	0.017		0.975	0.025	T	0.96	0.02	L	9.1921	0.0017	0.020	117		9.15	9.24		C			1							
19571	6.004	0.003	5.811	0.003		0.165	0.007	G	0.17	0.03	C	5.8499	0.0008	0.012	164		5.84	6.08	3.66	P 1 A			1							S
19572	9.373	0.025	8.362	0.018		0.871	0.000	G	0.88	0.00	H	8.4252	0.0016	0.010	67		8.40	8.45		D			1	S						
19573	9.797	0.025	9.599	0.031		0.189	0.037	T	0.21	0.04	L	9.6447	0.0026	0.020	70		9.61	9.67		C			1							G
19574	10.192	0.026	8.726	0.014		1.234	0.015	G	1.19	0.01	H	8.7400	0.0018	0.017	95		8.72	8.77		C			1							
19575	8.330	0.017	7.879	0.014		0.461	0.015	G	0.53	0.02	H	7.9349	0.0025	0.011	30		7.90	7.95					1							S
19576	7.865	0.008	7.722	0.012	*	0.138	0.013	T	0.15	0.01	L *	7.7247	0.0032	0.018	81	*	7.69	7.75		D	04117+3133	I 1	2 C	A	AB	43	0.726	0.011	2.08	0.03	S
19577	8.276	0.007	7.179	0.006		0.947	0.007	T	0.94	0.01	L	7.2365	0.0009	0.009	120		7.22	7.26		C			1							S
19578	9.083	0.010	8.970	0.012		0.102	0.014	T	0.12	0.01	L	8.9980	0.0021	0.021	176		8.95	9.03					1							
19579	8.595	0.010	8.136	0.010		0.456	0.003	G	0.53	0.00	H	8.1719	0.0015	0.014	114		8.14	8.19			04118−5910	I 1	1							S
19580	9.618	0.018	9.225	0.018		0.384	0.022	T	0.45	0.02	L	9.2639	0.0019	0.020	102		9.22	9.29		C			1							
19581	10.068	0.030	9.317	0.025		0.686	0.031	T	0.74	0.03	L	9.3597	0.0028	0.017	81		9.33	9.39		C			1	S						
19582						1.126	0.004	G	1.21	0.01	I	11.5234	0.0053	0.051	115		11.44	11.60					1							G
19583	9.497	0.020	8.930	0.019	A	0.900	0.495	G	0.64	0.03	L *	8.8629	0.0015	0.012	83	*	8.84	8.88		D	04118+2559	I 1	2 C	A	AB	161	1.238	0.013	1.71	0.05	
19584	10.703	0.041	9.895	0.033		0.714	0.040	T	0.77	0.03	L	9.9505	0.0035	0.025	123		9.91	9.99		C			1							
19585	10.626	0.035	9.269	0.019		1.150	0.031	T	1.11	0.03	L	9.3161	0.0028	0.022	106		9.27	9.36					1							
19586	9.444	0.016	8.979	0.016		0.438	0.021	T	0.51	0.02	L	9.0308	0.0016	0.015	94		9.01	9.06		C			1							
19587	4.441	0.003	4.073	0.003		0.327	0.003	G	0.38	0.02	A	4.1285	0.0012	0.010	66		4.11	4.15		U 2			1							S P
19588	8.583	0.010	7.383	0.007		1.027	0.010	T	1.00	0.01	L	7.4518	0.0011	0.012	107		7.43	7.48					1							S
19589	9.178	0.015	8.514	0.013		0.605	0.015	T	0.67	0.01	L	8.5899	0.0017	0.014	112		8.56	8.62					1							S
19590	7.653	0.009	6.552	0.005		0.950	0.008	T	0.94	0.01	L	6.6121	0.0007	0.005	75		6.60	6.62		C	04119−0850	I 1	1	G						S
19591	10.776	0.051	9.559	0.029	*	1.090	0.015	G	1.05	0.02	I *	9.5365	0.0050	0.041	85	*	9.47	9.61	2.31	P 1 A	04119+2338	M 1	2 C	B	AB	159	0.157	0.078	2.10	1.14	
19592	10.997	0.067	9.698	0.035		1.130	0.015	G	1.09	0.02	I	9.7226	0.0030	0.021	61		9.69	9.76		C			1	S						
19593	8.896	0.012	8.361	0.011		0.521	0.015	G	0.59	0.02	H	8.4055	0.0014	0.017	106		8.38	8.44					1							S
19594	9.982	0.022	8.713	0.013		1.081	0.020	T	1.04	0.02	L	8.7535	0.0014	0.017	111		8.72	8.79		C			1							
19595	10.373	0.030	9.885	0.029		0.459	0.038	T	0.53	0.04	L	9.9771	0.0034	0.026	102		9.92	10.02					1							
19596	10.565	0.040	9.035	0.019		1.285	0.035	T	1.24	0.04	L	9.0259	0.0022	0.019	99		8.99	9.06					1							
19597	8.579	0.010	7.208	0.006		1.160	0.015	G	1.10	0.02	A	7.2389	0.0013	0.011	105		7.22	7.26					1							S
19598	9.236	0.017	9.112	0.020		0.120	0.025	T	0.13	0.03	L	9.1734	0.0027	0.017	74		9.14	9.20		C			1							
19599	9.514	0.016	8.470	0.011		0.907	0.015	T	0.91	0.01	L	8.5079	0.0016	0.015	122		8.49	8.53		C			1							
19600	10.156	0.022	9.355	0.017		0.709	0.021	T	0.76	0.02	L	9.4316	0.0021	0.023	184		9.38	9.48					1							

Number HIP		Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag			Position: epoch J1991.25 α (ICRS) deg	δ deg		Par. π mas	Proper Motion μα* mas/yr	μδ mas/yr	Standard Errors α* mas	δ mas	π mas	μα* mas/yr	μδ mas/yr	Astrometric Correlations (%) δ α*	π α*	π δ	μα* α*	μα* δ	μα* π	μδ α*	μδ δ	μδ π	μδ μα*	Soln F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
19601		04 12 00.26	−17 16 28.6	6.41		H	63.001 081 95	−17.274 600 47		9.50	21.02	−54.17	0.68	0.57	0.84	0.68	0.77	+6	+34	−8	+37	+21	+10	+17	+40	−19	+8	0	−1.55
19602		04 12 01.02	+46 25 06.1	9.17		H	63.004 233 47	+46.418 351 50		1.49	4.21	−14.88	1.14	0.74	1.30	1.54	1.05	−23	+25	−21	+28	−18	−1	−19	+36	−7	−36	0	0.88
19603		04 12 01.08	+46 31 42.5	8.67		H	63.004 494 25	+46.528 468 27		4.44	−3.89	−28.82	0.94	0.66	1.19	1.22	0.88	−3	+20	−18	+16	−15	+12	−16	+22	−22	−20	0	0.09
19604		04 12 01.75	+24 34 05.7	8.17		H	63.007 311 58	+24.568 257 72		6.08	57.86	−34.90	1.14	0.67	1.34	1.58	1.11	+36	+11	−10	−11	−21	+3	−23	+17	−31	+26	0	−0.13
19605		04 12 03.82	−66 37 24.9	8.23		H	63.015 906 47	−66.623 579 51		3.86	−3.75	8.51	0.63	0.67	0.69	0.62	0.76	−14	+25	−14	+4	−11	+11	−9	+14	+3	−14	0	−0.51
19606		04 12 03.85	+35 21 34.4	7.57		H	63.016 025 10	+35.359 567 77		0.39	0.72	−2.79	0.91	0.65	1.07	1.34	0.94	+34	+2	−7	−2	−6	+31	−7	+34	+19	+45	0	1.02
19607		04 12 05.10	+68 59 31.1	8.85	2	H	63.021 255 42	+68.991 985 78		5.05	−16.03	−2.00	0.49	0.81	1.01	0.54	0.93	−28	+8	−6	+15	−10	+4	−8	+31	+9	−35	1	0.79
19608		04 12 05.39	−13 13 23.1	7.93		G	63.022 450 69	−13.223 095 39		7.40	−1.29	3.23	0.80	0.66	0.97	0.98	0.89	+30	+35	+1	+9	−1	−6	−2	+7	−1	+14	0	1.54
19609		04 12 06.95	−48 58 36.5	8.78		H	63.028 945 46	−48.976 816 26		2.13	−4.71	−10.95	0.76	0.79	0.86	0.85	0.95	−7	+6	−8	−21	−10	+7	−6	+7	+8	−19	0	1.80
19610		04 12 08.92	−10 28 09.0	8.40	3	T	63.037 150 16	−10.469 155 60		17.96	−111.87	−114.52	0.91	0.85	1.20	1.19	1.28	+31	+26	−14	+19	+3	−4	−4	+6	−25	+39	0	−0.04
19611		04 12 09.28	+00 44 08.0	6.62		G	63.038 670 12	+00.735 555 65	A	7.00	−10.23	15.28	1.05	0.70	1.02	1.15	1.12	+51	+22	+8	+10	+15	−15	+3	+33	−25	+60	1	0.20
19612		04 12 10.08	−34 57 23.1	8.48		H	63.042 018 31	−34.956 423 74		1.72	14.13	21.69	0.62	0.73	0.89	0.68	0.84	−13	+2	+7	+0	+6	+7	+5	−5	−22	−5	0	−0.38
19613		04 12 10.36	−30 26 11.6	8.12		H	63.043 177 50	−30.436 566 89		1.25	11.39	7.91	0.55	0.65	0.92	0.56	0.88	−5	+22	−5	−10	−1	−7	−12	+12	−27	+22	0	0.37
19614		04 12 11.16	−13 38 13.7	8.00		H	63.046 493 41	−13.637 137 01		7.26	64.66	−14.23	0.87	0.72	1.09	1.05	0.91	+8	+30	−2	+33	+18	+3	+21	+48	+5	−11	0	0.09
19615		04 12 11.32	+21 32 09.0	8.73		H	63.047 161 99	+21.535 842 26		8.42	25.64	−15.29	1.22	0.78	1.31	1.45	0.99	+3	+38	−8	−30	+13	−16	+6	−5	−21	−9	6	2.90
19616		04 12 12.71	+20 44 42.8	9.31		H	63.052 943 79	+20.745 218 01		5.54	16.82	−15.61	1.22	0.83	1.28	1.46	1.05	−5	+24	−17	−5	+4	−2	+4	+3	+1	+2	0	0.78
19617		04 12 12.83	+14 55 57.4	8.61		G	63.053 473 41	+14.932 616 94		10.08	55.36	−69.45	1.07	0.75	1.16	1.14	0.93	+20	+43	+2	+13	+7	−9	+1	+26	−12	+25	0	−0.20
19618		04 12 13.43	+32 11 12.5	8.53		H	63.055 977 16	+32.186 811 29		3.43	11.36	−8.60	0.80	0.59	0.93	0.79	0.72	+32	+35	−5	+7	+18	−7	+7	+41	−27	+37	0	−0.01
19619		04 12 13.60	+79 01 48.0	6.92		H	63.056 665 56	+79.030 005 45		6.59	40.81	4.80	0.46	0.55	0.66	0.47	0.68	−9	+24	−2	+0	+2	+0	+8	−11	+24	−5	0	−0.59
19620		04 12 13.77	+61 14 30.0	9.27		H	63.057 391 12	+61.241 654 84		4.70	10.66	−23.36	0.63	0.84	1.17	0.80	1.05	+16	+3	−32	+26	+16	−19	+10	+48	−23	+21	0	−0.32
19621		04 12 14.50	−05 34 35.8	9.57		H	63.060 436 67	−05.576 614 57		0.87	6.76	−14.28	1.18	0.97	1.63	1.54	1.63	+38	+26	−19	+5	+10	−21	−4	+15	−34	+51	4	0.89
19622		04 12 15.63	+36 48 46.9	8.00		H	63.065 138 49	+36.813 040 92		2.04	23.62	−27.71	0.92	0.66	1.01	1.02	0.92	+36	+34	−8	−12	−1	+6	−13	+21	−2	+64	0	−0.74
19623		04 12 17.29	+09 07 38.9	9.49		H	63.072 034 57	+09.127 472 68		0.91	0.64	−8.50	1.74	1.25	2.00	2.30	1.85	+15	+36	+8	+2	−4	−29	+0	+26	+9	+19	0	−0.60
19624		04 12 17.41	−12 55 41.1	9.16		H	63.072 553 00	−12.928 085 86		0.23	9.15	2.78	1.10	0.91	1.33	1.59	1.35	+35	+35	+14	−9	−13	−7	−13	−11	−3	+1	0	0.43
19625		04 12 18.43	−18 19 41.0	9.10		H	63.076 801 36	−18.328 062 41		2.54	−12.80	0.99	2.63	2.06	2.99	3.74	3.11	+13	+1	−14	+27	+14	−15	+12	+22	−12	+20	0	
19626		04 12 20.36	−04 24 37.0	6.70		H	63.084 820 53	−04.410 283 99		4.53	−15.44	5.75	0.79	0.61	0.93	1.15	1.01	+57	+5	−9	+8	+23	−7	+27	+29	−20	+39	2	0.13
19627		04 12 20.41	+64 57 37.2	8.12		H	63.085 022 92	+64.960 343 04		4.73	11.04	−20.44	0.55	0.62	0.96	0.65	0.78	+6	−14	−11	−36	−6	+8	−13	+18	+2	+20	0	0.51
19628		04 12 20.64	+42 54 28.1	8.10		G	63.085 988 40	+42.907 816 47		11.03	41.94	−38.40	0.75	0.57	0.99	0.92	0.79	+15	+15	−31	−1	+4	+4	−6	+36	−14	+42	0	0.66
19629		04 12 21.32	+28 26 06.3	9.30		H	63.088 831 35	+28.435 072 62		7.54	30.24	1.26	1.50	0.86	1.60	1.53	1.28	+23	+50	−14	−15	−28	+6	−37	−7	−12	+54	0	−0.12
19630		04 12 22.83	−64 20 31.0	9.06		H	63.095 124 83	−64.341 938 12		2.10	7.01	28.99	0.72	0.82	0.82	0.73	0.94	−5	+10	−8	−10	−7	+13	−6	+20	−12	−12	0	1.54
19631		04 12 22.86	+37 42 42.7	8.15		G	63.095 259 44	+37.711 849 65		12.75	117.45	97.95	0.93	0.68	1.07	1.01	0.90	+17	+15	−25	+11	+14	+2	+3	+43	−25	+42	0	−2.03
19632		04 12 22.89	−57 48 23.7	8.71		H	63.095 370 07	−57.806 574 86		8.14	59.95	14.56	0.78	0.64	0.74	0.90	0.76	+0	+6	+4	−12	+14	−2	+13	+5	−9	+3	0	−0.81
19633		04 12 23.59	−31 34 51.1	7.44		H	63.098 295 65	−31.580 852 57		19.19	167.38	−103.59	0.51	0.65	0.89	0.61	0.82	−8	+8	−23	+18	−23	+25	−15	+0	−18	+17	0	2.74
19634	H	04 12 25.01	+23 34 28.7	7.16		H	63.104 218 44	+23.574 633 62	A	6.19	−15.79	−25.53	1.07	0.72	1.13	1.14	0.89	+33	−7	−25	−6	−9	+1	−7	+27	−26	+28	1	−0.08
19635		04 12 25.96	−42 40 02.6	9.37		H	63.108 176 65	−42.667 396 41		4.82	34.76	24.15	0.83	0.83	1.05	1.07	0.95	+12	+9	−2	+19	+6	−3	+10	−2	−4	+35	0	−1.57
19636		04 12 28.58	+04 49 11.3	8.94		H	63.119 063 19	+04.819 817 15		7.53	33.91	15.65	1.57	1.29	2.11	2.13	2.08	+7	+42	−43	−3	−16	−23	−30	−10	−19	+62	0	0.77
19637		04 12 29.07	+26 02 44.5	8.71		H	63.121 138 44	+26.045 705 68		12.39	70.98	0.97	1.12	0.74	1.30	1.17	1.06	+30	+42	−1	+0	+11	−2	−2	+28	−30	+28	0	−0.76
19638		04 12 29.40	−29 05 59.9	9.06		G	63.122 509 90	−29.099 979 54		3.29	−14.34	17.52	0.67	0.79	1.10	0.70	1.01	−9	+17	−9	+18	−4	+3	−9	+23	−23	+9	1	1.44
19639		04 12 30.86	−36 09 09.4	7.12		G	63.128 575 13	−36.152 611 21		7.15	62.18	24.55	0.52	0.51	0.67	0.64	0.63	−14	−13	−4	+2	+4	+7	+5	+6	−11	−13	3	2.40
19640		04 12 31.25	+37 03 59.7	9.15		H	63.130 191 40	+37.066 571 28		0.42	−10.80	0.53	1.08	0.92	1.30	1.31	1.26	+37	+21	−27	−4	+4	+0	−8	+25	−11	+65	0	−0.68
19641		04 12 31.32	+17 16 39.0	6.09		H	63.130 519 46	+17.277 507 26		11.42	49.14	−19.59	0.91	0.80	1.27	1.29	1.17	+25	+8	−45	+5	−27	+41	−9	−12	+47	+63	0	1.88
19642		04 12 31.59	−44 22 05.7	6.70		G	63.131 605 51	−44.368 249 30		2.95	34.09	4.77	0.48	0.47	0.56	0.48	0.49	−10	+0	−3	−4	−14	+15	−14	+0	+8	−12	0	−2.32
19643		04 12 32.59	−10 33 57.9	8.44		H	63.135 808 15	−10.566 078 62		2.54	7.13	1.89	0.92	0.80	1.14	1.12	1.04	+8	+19	−33	+20	+5	+0	+3	+11	−16	+23	2	−1.27
19644		04 12 32.98	−02 30 45.8	7.43		H	63.137 417 62	−02.512 714 08		10.26	37.45	90.92	0.83	0.59	0.95	1.03	0.94	+46	+15	−13	+11	−9	−16	−19	−9	+2	+46	0	−1.18
19645		04 12 33.02	+59 26 53.8	8.50		H	63.137 582 65	+59.448 273 70		0.94	2.46	0.29	0.66	0.69	1.09	0.80	0.85	+1	+12	−15	+26	−17	+28	−17	+38	−13	+8	0	1.09
19646		04 12 34.04	−36 08 37.2	7.93		H	63.141 850 21	−36.143 664 32		6.17	61.16	23.84	0.62	0.61	0.80	0.78	0.75	−14	−15	−6	+5	+1	+9	+3	+4	−10	−17	3	0.70
19647		04 12 36.46	+42 07 06.4	8.01	2	H	63.151 933 94	+42.118 442 30		5.49	1.25	−6.43	0.91	0.65	1.29	1.14	0.99	+2	+30	−36	+1	+18	+18	+0	+48	−11	+54	0	0.35
19648		04 12 36.81	+48 27 04.6	9.20		H	63.153 379 39	+48.451 275 75		6.04	17.49	−30.28	0.95	0.72	1.15	1.25	0.98	−4	+20	−16	+13	+0	−23	−6	+43	−8	+3	0	0.69
19649		04 12 37.57	+12 27 22.3	9.02		H	63.156 529 69	+12.456 208 02		5.56	−5.84	−0.01	1.58	1.09	2.03	2.18	1.80	−8	+41	−44	−1	−10	+30	+7	−4	+29	+51	0	−1.46
19650		04 12 37.83	+51 10 06.1	8.29		G	63.157 635 67	+51.168 358 77		10.13	10.57	7.47	0.98	0.72	1.09	1.22	0.93	−26	+24	−22	+44	−27	+0	−30	+46	−11	−24	0	0.85
19651		04 12 38.15	+17 50 04.8	8.50		G	63.158 946 46	+17.834 673 72		3.52	−2.76	−5.92	1.08	0.84	1.29	1.31	1.05	+10	+27	−37	+6	−5	+2	−3	+9	+12	+31	0	1.59
19652		04 12 38.91	−45 22 03.7	7.90		H	63.162 117 32	−45.367 683 92		1.68	17.40	1.75	0.57	0.62	0.68	0.59	0.66	−8	−5	−4	−17	−9	+11	−10	+11	−1	−4	0	0.09
19653		04 12 38.95	+39 27 53.8	9.39		H	63.162 288 37	+39.464 955 62		3.64	−3.51	0.26	1.08	0.68	1.27	1.16	0.95	−14	+26	−21	+1	+9	+11	+1	+33	−13	+17	0	−0.76
19654		04 12 39.62	−43 52 28.2	8.27		H	63.165 099 99	−43.874 506 64		3.29	14.04	3.16	0.64	0.63	0.75	0.70	0.68	−4	−6	−3	−16	−14	+21	−11	+6	−1	−14	0	−1.24
19655		04 12 42.34	+70 12 05.4	9.73		G	63.176 426 96	+70.201 487 12		38.64	−99.46	31.86	0.70	1.05	1.36	0.81	1.27	−14	+19	−22	+11	+7	−4	+7	+3	+4	−6	0	−0.17
19656		04 12 43.16	−44 40 51.0	8.57		G	63.179 820 80	−44.680 819 46		4.47	37.36	26.82	0.60	0.66	0.74	0.64	0.68	−2	−8	−3	−15	−9	+13	−9	+3	+3	−1	0	−0.57
19657		04 12 43.45	+05 01 51.2	7.29		G	63.181 054 28	+05.030 876 07		4.82	−1.27	−1.13	1.17	0.93	1.50	1.54	1.53	+6	+35	−43	+10	−12	−12	−21	−1	−11	+61	0	1.80
19658		04 12 43.71	−47 33 56.8	8.73		H	63.182 126 18	−47.565 766 24		16.98	36.66	22.20	0.67	0.69	0.77	0.95	0.87	−3	+2	−6	+5	−18	+16	−16	−9	−10	+0	0	0.97
19659		04 12 45.17	+31 47 41.1	9.06		H	63.188 200 09	+31.794 751 68		4.14	3.83	−5.72	1.17	0.95	1.30	1.31	1.28	+43	+19	−3	+10	+26	−1	+15	+50	−19	+55	0	−1.02
19660	H	04 12 45.22	+53 46 19.7	9.80		H	63.188 397 39	+53.772 143 99	A	2.07	6.68	−25.80	2.91	2.04	2.88	3.26	2.43	−23	+11	−16	−29	+2	+26	+15	+27	−25	−40	0	0.87
19661		04 12 45.79	−18 38 47.7	9.06		H	63.190 792 24	−18.646 576 35		0.88	−9.89	−6.06	1.13	1.01	1.32	1.48	1.38	+12	+24	+7	+38	+12	−16	+13	+49	+0	+4	0	1.46
19662		04 12 46.73	+23 31 15.0	7.70		H	63.194 695 09	+23.520 820 61		2.81	21.63	−14.18	0.88	0.61	1.05	1.05	0.86	+35	+6	−16	+6	+7	−14	+4	+38	−35	+32	0	−0.43
19663		04 12 46.88	+11 10 17.0	8.09		G	63.195 351 30	+11.171 395 98		7.22	−2.88	−36.75	1.01	0.77	1.11	1.21	1.10	+35	+34	−2	−1	+6	+7	+6	+19	+5	+45	0	−0.52
19664		04 12 47.42	+10 36 25.7	9.21		H	63.197 590 94	+10.607 151 11		8.29	22.30	−48.92	1.56	1.03	1.66	1.79	1.44	−7	+36	−11	+24	−15	−20	−15	+29	+12	+5	0	1.27
19665		04 12 47.86	+20 44 06.9	9.17		H	63.199 404 07	+20.735 261 95		5.96	17.32	−24.14	1.16	0.81	1.23	1.41	1.03	−2	+24	−18	−5	+8	−1	+8	+4	+0	−1	0	1.27
19666		04 12 48.04	−23 49 16.2	6.61	1	H	63.200 180 37	−23.821 168 86		3.97	−7.19	−2.73	0.32	0.48	0.73	0.39	0.63	+1	+1	+3	−5	+16	+3	+16	+2	−22	+0	0	−0.33
19667		04 12 48.39	+78 11 29.7	9.39		H	63.201 607 77	+78.191 586 26		1.74	1.79	−15.14	0.75	0.80	1.00	0.83	1.03	−8	+30	−2	−29	+7	−3	+8	−20	+5	+4	2	0.49
19668		04 12 48.92	+54 24 45.5	7.84		G	63.203 823 74	+54.412 632 12		4.26	−20.11	−7.20	0.78	0.58	0.99	1.09	0.90	−12	−1	−1	−17	−1	+21	+10	+18	−26	−42	0	−1.34
19669		04 12 49.06	+19 32 19.7	7.79		H	63.204 417 86	+19.538 807 76		7.30	−9.55	−18.03	0.88	0.63	0.93	1.04	0.74	+0	+30	−6	+13	−16	−11	−12	+10	+9	−2	8	2.67
19670		04 12 50.49	−30 18 51.0	8.06		H	63.210 384 07	−30.314 178 50		1.28	8.21	2.94	0.56	0.74	0.91	0.58	0.91	+4	+13	−6	+4	−10	−0	−11	+0	−22	+19	1	0.06
19671		04 12 50.88	−73 45 18.1	10.90		H	63.212 018 39	−73.755 030 09		5.18	−8.77	2.03	1.30	1.41	1.43	1.30	1.64	−15	+25	−15	−12	+8	−3	+8	−1	+2	−6	3	1.30
19672		04 12 51.25	+22 24 48.5	6.14	1	H	63.213 530 12	+22.413 483 59		3.16	−3.69	−10.57	0.74	0.51	0.83	0.74	0.61	+27	+37	−2	+2	+8	−9	−1	+26	−22	+30	0	−0.17
19673		04 12 51.88	+68 30 04.1	6.33		H	63.216 146 55	+68.501 132 86		8.43	−33.32	8.91	0.56	0.82	1.14	0.70	0.98	−21	+16	−10	+7	+4	+12	+5	+5	+2	−17	0	
19674		04 12 52.14	−21 22 09.3	8.89		H	63.217 255 25	−21.369 255 15		2.90	24.99	−7.70	0.82	0.87	1.30	0.88	1.22	−2	+23	−7	−13	+38	−8	+33	+32	−2	+23	1	1.73
19675		04 12 52.96	−33 08 25.9	9.10		H	63.220 665 06	−33.140 514 93		2.36	13.49	15.30	0.69	0.87	1.07	0.73	1.03	+5	+17	+6	+5	+7	+16	+3	+23	−7	+14	0	0.66
19676		04 12 54.29	−01 54 09.4	10.59		H	63.226 213 90	−01.902 603 41		5.51	15.00	−3.60	1.77	1.04	1.96	1.97	1.64	+39	+41	+12	+1	−20	−8	−37	−16	−31	+20	0	−1.10
19677		04 12 56.23	−06 23 16.9	6.76		H	63.234 290 01	−06.388 040 34		9.17	16.49	−116.56	0.74	0.68	0.96	1.06	1.08	+39	+5	−34	+25	+5	−1	+5	+11	−13	+51	2	0.05
19678	H	04 12 56.32	−11 07 23.1	8.74	1	H	63.234 673 19	−11.123 078 47	*	3.56	9.62	−2.01	2.84	3.40	1.60	1.94	1.59	+27	+22	+15	−12	−19	+0	−14	−15	+8	−12	0	0.95
19679		04 12 58.45	+32 31 58.0	6.69		H	63.243 531 15	+32.532 770 52		2.06	−5.92	−17.19	0.76	0.56	0.87	0.78	0.67	+30	+36	+0	+15	+9	−7	+0	+40	−23	+28	0	−0.57
19680		04 12 58.89	+68 19 42.6	8.92		H	63.245 355 65	+68.328 512 60		3.47	11.18	−10.03	0.53	0.82	1.10	0.63	0.94	−14	+10	−2	+15	+7	+15	+7	+21	+2	−13	0	−1.05
19681		04 12 59.14	+44 09 32.8	8.88		H	63.246 414 35	+44.159 116 88		4.57	−1.74	−0.53	0.93	0.75	1.30	1.13	0.99	+10	+21	−40	−8	+10	−1	+1	+31	−13	+37	0	1.16
19682		04 12 59.64	−40 58 35.0	9.19		H	63.248 502 87	−40.976 397 93		0.05	2.89	14.14	0.80	0.77	1.00	0.96	0.89	+0	+13	−2	−14	−4	+0	−4	−14	−1	+7	3	1.26
19683		04 13 00.31	−54 01 04.8	9.40		H	63.251 304 28	−54.018 003 31		6.42	20.45	66.82	0.82	0.84	0.88	0.93	1.00	+3	+9	−13	−17	−8	−8	−10	−28	+3	−2	3	0.87
19684	H	04 13 00.47	−28 32 26.7	7.45		G	63.251 970 64	−28.540 751 93	A	17.62	84.45	42.75	1.29	1.56	1.79	1.05	1.49	−3	+14	+1	+14	−3	+8	−9	+13	−8	+2	2	−0.02
19685		04 13 00.75	+09 07 43.3	8.85		H	63.253 133 60	+09.128 707 38		8.41	−5.24	−28.65	1.58	1.13	1.84	1.91	1.64	+26	+47	+4	+3	+9	−28	+5	+32	−5	+33	4	1.66
19686		04 13 00.85	+33 44 32.1	8.44		H	63.253 537 65	+33.742 254 07		4.22	16.36	−26.51	1.06	0.71	1.17	1.25	0.84	+15	+28	+6	+7	−3	−17	+0	+39	−9	+2	0	1.23
19687		04 13 02.40	−26 26 06.4	8.53		H	63.259 996 66	−26.435 121 63		8.23	−12.61	95.98	0.60	0.72	1.02	0.68	0.91	−16	+3	−1	−43	−8	+11	+3	−9	−10	−51	2	1.42
19688		04 13 02.46	−32 47 41.8	7.03		H	63.260 262 68	−32.794 934 19		11.29	17.00	18.92	0.47	0.53	0.70	0.52	0.63	−12	+18	−10	+5	−7	+16	−9	+10	−16	−6	0	0.06
19689		04 13 02.51	−04 18 43.2	7.81		H	63.260 477 30	−04.311 997 22		5.42	5.32	−1.16	0.87	0.68	1.04	1.28	1.17	+51	+8	−6	+11	+20	−10	+22	+31	−20	+35	0	0.17
19690		04 13 03.31	−23 07 41.8	6.78		H	63.263 801 36	−23.128 279 46		12.62	−34.83	−25.10	0.54	0.52	0.78	0.61	0.66	−34	+20	−2	−32	+17	+11	+12	−8	−22	−32	0	0.08
19691	H	04 13 04.43	+47 54 27.3	8.54		H	63.268 463 93	+47.907 579 04	*	−0.01	−1.91	−8.30	1.56	2.43	1.22	1.31	1.04	−67	+9	−1	+6	−13	+0	−9	+1	+8	−18	1	−0.61
19692		04 13 06.00	−14 19 22.2	8.73		H	63.275 006 63	−14.322 822 75		1.42	16.88	12.53	1.06	0.85	1.28	1.34	1.08	+9	+33	+11	+25	+33	+19	+38	+48	+5	−21	2	−1.48
19693		04 13 06.74	−72 49 14.5	7.43		G	63.278 100 38	−72.820 706 88		7.68	52.82	27.24	0.57	0.59	0.63	0.64	0.78	+7	+17	−7	+1	+7	−7	+5	−1	−20	+41	0	−0.33
19694		04 13 07.22	−36 32 42.3	8.25	2	H	63.280 081 30	−36.545 074 02		1.55	2.63	0.81	0.66	0.67	0.84	0.73	0.82	−17	−13	−9	−30	+10	+14	+12	−24	−7	−5	0	1.56
19695		04 13 09.00	−38 00 57.5	8.54		H	63.287 504 99	−38.015 960 53		0.02	4.50	4.55	0.66	0.84	0.98	0.75	0.93	+2	−16	−17	−32	+0	+19	−2	−26	+28	+6	0	0.31
19696		04 13 10.87	+16 46 01.0	9.15		H	63.295 293 60	+16.766 943 69		11.33	147.29	−45.69	1.32	1.05	1.61	1.60	1.38	+16	+30	−33	+3	+29	−9	+12	+40	−38	+34	0	1.49
19697		04 13 11.50	+77 04 59.7	9.12		H	63.297 926 35	+77.083 250 72		5.22	11.91	−16.03	0.68	0.78	0.97	0.83	0.93	−13	+12	+9	+3	+9	+10	+9	+6	+6	−23	1	1.29
19698		04 13 11.96	−25 17 35.7	9.07		H	63.299 814 80	−25.293 242 55		2.17	5.81	1.85	0.69	0.88	1.27	0.87	1.18	−11	+8	−11	+9	+1	−3	+0	+3	−7	−23	0	1.04
19699		04 13 12.44	+40 33 43.6	9.00		H	63.301 824 66	+40.562 098 12		1.36	4.10	−9.16	1.11	0.68	1.51	1.19	1.08	−11	+43	−33	+3	+21	−7	−11	+56	−37	+36	0	0.46
19700		04 13 12.52	−03 53 05.6	7.51	2	H	63.302 185 22	−03.884 897 64		0.81	24.08	1.42	0.87	0.70	1.03	1.28	1.28	+62	−5	−5	+20	+28	−2	+33	+34	−23	+49	0	−0.77

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
19601	7.635	0.005	6.511	0.004		0.968	0.005	T	0.95	0.00	L	6.5688	0.0014	0.009	83		6.56	6.59					1							S
19602	9.287	0.014	9.159	0.017		0.124	0.021	T	0.14	0.02	L	9.2184	0.0020	0.018	99		9.19	9.26		C			1							
19603	9.198	0.014	8.727	0.013		0.475	0.015	G	0.55	0.02	H	8.7786	0.0020	0.014	104		8.75	8.80		C			1							
19604	9.839	0.023	8.324	0.011		1.274	0.020	T	1.23	0.02	L	8.3243	0.0014	0.014	101		8.30	8.35		C			1							
19605	9.472	0.016	8.328	0.010		0.983	0.015	T	0.96	0.01	L	8.3937	0.0014	0.014	117		8.36	8.42					1							
19606	7.907	0.012	7.587	0.010		0.320	0.020	G	0.37	0.03	H	7.6444	0.0016	0.009	71		7.62	7.66		C			1							S
19607	9.301	0.010	8.887	0.010		0.391	0.013	T	0.46	0.01	L	8.9443	0.0021	0.029	267		8.90	8.99		U			1							
19608	8.093	0.012	7.923	0.015		0.143	0.015	G	0.16	0.01	H	7.9794	0.0015	0.011	70		7.96	8.00		C			1							S
19609	9.988	0.021	8.901	0.014		0.940	0.019	T	0.93	0.01	L	8.9386	0.0020	0.019	114		8.90	8.97			04121−4859	I 1	1							
19610	9.232	0.017	8.477	0.014		0.674	0.017	T	0.73	0.01	L	8.4709	0.0422	0.278	71		8.30	9.00	0.32	P 1 A			1							S
19611	7.713	0.008	6.662	0.006	A	0.916	0.015	G	0.91	0.01	H	6.7281	0.0030	0.008	91	A	6.71	6.74			04122+0044	I 1	2 C	A	AB	301	11.030	0.018	3.44	0.07	S
19612	10.436	0.031	8.615	0.012		1.515	0.026	T	1.55	0.04	L	8.6040	0.0014	0.016	139		8.57	8.63					1							
19613	9.733	0.017	8.265	0.009		1.237	0.015	T	1.20	0.01	L	8.2853	0.0013	0.017	167		8.26	8.32		C			1							
19614	9.179	0.015	8.105	0.011		0.930	0.014	T	0.92	0.01	L	8.1647	0.0014	0.014	87		8.15	8.21		C			1							S
19615	9.570	0.028	8.863	0.024		0.651	0.030	T	0.71	0.03	L	8.8701	0.0025	0.012	49		8.86	8.90			04122+2132	I 1	1	S						
19616	9.975	0.031	9.343	0.028		0.587	0.036	T	0.66	0.03	L	9.4343	0.0023	0.014	56		9.41	9.46		C			1							
19617	9.174	0.021	8.613	0.020		0.465	0.025	G	0.54	0.03	H	8.6992	0.0016	0.015	49		8.68	8.74		D			1							
19618	9.060	0.017	8.611	0.017							T	8.6561	0.0013	0.011	80		8.64	8.67		C			1							G
19619	8.398	0.008	7.046	0.005		1.146	0.007	T	1.11	0.01	L	7.0907	0.0012	0.010	132		7.07	7.11		C			1							S
19620	9.598	0.015	9.273	0.016		0.309	0.021	T	0.35	0.03	L	9.3457	0.0022	0.022	144		9.30	9.38		C			1							
19621	10.997	0.054	9.686	0.028		1.114	0.048	T	1.08	0.05	L	9.7378	0.0023	0.015	85		9.70	9.76		C			1							
19622	9.495	0.019	8.144	0.011		1.145	0.017	T	1.11	0.01	L	8.1706	0.0009	0.010	83		8.16	8.19		D			1							
19623	10.395	0.064	9.534	0.049		0.771	0.061	T	0.81	0.04	L	9.6450	0.0030	0.023	39		9.63	9.69					1							
19624	10.918	0.075	9.268	0.028		1.380	0.063	T	1.35	0.08	L	9.2969	0.0025	0.021	70		9.26	9.35					1							
19625	10.325	0.036	9.219	0.023		0.980	0.020	G	0.96	0.02	K	9.2637	0.0030	0.018	65		9.22	9.29		C			1 X							
19626	8.787	0.012	6.879	0.005		1.584	0.010	T	1.60	0.01	L	6.8113	0.0008	0.009	95		6.79	6.83					1							S
19627	8.514	0.009	8.162	0.009		0.359	0.004	G	0.42	0.00	H	8.2047	0.0015	0.017	164		8.18	8.23		C			1							
19628	8.605	0.011	8.173	0.011		0.440	0.015	G	0.51	0.02	H	8.2050	0.0020	0.014	92		8.19	8.24					1							
19629	9.925	0.027	9.338	0.025		0.510	0.015	G	0.58	0.02	H	9.4130	0.0028	0.018	64		9.38	9.45		C			1							
19630	10.795	0.043	9.209	0.018		1.330	0.037	T	1.29	0.04	L	9.2161	0.0020	0.019	105		9.18	9.26		C			1							
19631	8.895	0.017	8.247	0.015		0.617	0.015	G	0.69	0.01	H	8.2847	0.0022	0.012	71		8.27	8.31		C			1							
19632	9.409	0.018	8.783	0.016		0.578	0.018	T	0.65	0.02	L	8.8399	0.0021	0.019	97		8.81	8.87					1							
19633	8.359	0.008	7.524	0.006		0.735	0.002	G	0.78	0.00	H	7.5855	0.0010	0.011	134		7.56	7.60		C			1							S
19634	8.487	0.013	7.304	0.007	*	1.014	0.012	T	0.99	0.01	L	*	7.3228	0.0011	0.009	90	*	7.31	7.34		D	04124+2334	I 1	2 C	A	AB	92	1.021	0.008	2.27	0.02	S
19635	10.117	0.028	9.469	0.025		0.594	0.028	T	0.66	0.03	L		9.4994	0.0023	0.022	109		9.46	9.53		C	04124−4240	I 1	1							
19636	9.607	0.037	9.003	0.033		0.563	0.044	T	0.64	0.04	L		9.0605	0.0026	0.013	27		9.04	9.08					1							
19637	9.229	0.017	8.773	0.017		0.430	0.022	T	0.50	0.02	L		8.8042	0.0021	0.014	69		8.78	8.83		C			1							
19638	9.386	0.013	9.090	0.014		0.341	0.015	G	0.40	0.02	H		9.1382	0.0020	0.020	160		9.11	9.19					1							
19639	7.606	0.006	7.187	0.008		0.409	0.008	T	0.48	0.01	L		7.2247	0.0010	0.008	117		7.21	7.24		C	04125−3609	I 2	1							S
19640	9.461	0.022	9.169	0.025		0.278	0.031	T	0.32	0.04	L		9.2284	0.0023	0.016	75		9.19	9.26					1							
19641	7.468	0.011	6.205	0.005		1.081	0.007	G	1.01	0.04	E		6.2594	0.0016	0.005	36		6.25	6.28					1							S
19642	8.649	0.009	6.871	0.004		1.455	0.061	G	1.48	0.00	A		6.8434	0.0009	0.009	132		6.83	6.86					1							S
19643	8.829	0.016	8.470	0.016		0.340	0.021	T	0.40	0.03	L		8.5234	0.0025	0.015	72		8.50	8.56		C			1							S
19644	8.623	0.010	7.538	0.007		0.938	0.009	T	0.93	0.01	L		7.5933	0.0009	0.011	112		7.58	7.61					1							S
19645	8.762	0.012	8.523	0.013		0.228	0.017	T	0.25	0.02	L		8.5697	0.0020	0.016	106		8.54	8.60		C			1							
19646	8.338	0.011	7.945	0.011		0.372	0.014	T	0.43	0.01	L		8.0222	0.0014	0.013	115		8.00	8.05			04125−3609	I 2	1							S
19647	8.341	0.008	8.050	0.009		0.277	0.011	T	0.31	0.01	L		8.0832	0.0072	0.055	100		8.00	8.19		U 2			1							S P
19648	9.610	0.025	9.253	0.026		0.338	0.034	T	0.39	0.05	L		9.2790	0.0021	0.014	101		9.25	9.31					1							
19649	9.675	0.033	9.059	0.030		0.574	0.039	T	0.65	0.04	L		9.1534	0.0037	0.017	39		9.13	9.18					1							
19650	8.762	0.011	8.331	0.011		0.413	0.019	G	0.48	0.02	H		8.3865	0.0016	0.015	92		8.37	8.41		C			1							
19651	10.373	0.045	8.673	0.020		1.430	0.020	G	1.42	0.03	I		8.6402	0.0017	0.010	46		8.62	8.66					1							
19652	9.931	0.022	8.079	0.010		1.572	0.020	T	1.72	0.07	O		8.0055	0.0016	0.015	118		7.98	8.04					1							S
19653	10.013	0.021	9.482	0.021		0.498	0.027	T	0.57	0.03	L		9.5009	0.0027	0.022	110		9.47	9.55					1							
19654	10.046	0.021	8.434	0.010		1.374	0.020	G	1.33	0.02	A		8.4242	0.0017	0.015	125		8.40	8.45		C			1							
19655	11.332	0.049	9.902	0.022		1.216	0.005	G	1.36	0.01	I		9.8261	0.0022	0.031	220		9.78	9.89					1							G
19656	8.952	0.012	8.592	0.012		0.323	0.012	G	0.37	0.02	A		8.6472	0.0019	0.017	121		8.62	8.68					1	S						S
19657	8.834	0.023	7.423	0.013		1.192	0.021	T	1.15	0.02	L		7.4471	0.0031	0.011	30		7.44	7.47		R			1	S						S
19658	9.542	0.017	8.801	0.014		0.663	0.017	T	0.72	0.01	L		8.8620	0.0022	0.019	108		8.84	8.90					1							
19659	9.247	0.017	9.073	0.021		0.167	0.025	T	0.18	0.03	L		9.1150	0.0024	0.016	77		9.09	9.14		C			1							
19660	10.740	0.053	9.983	0.044	A						T	*	9.8372	0.0032	0.027	84	*	9.79	9.89		D	04128+5346	I 1	2 C	A	AB	161	1.392	0.010	0.75	0.03	G
19661	10.455	0.042	9.172	0.023		1.092	0.037	T	1.05	0.04	L		9.2332	0.0031	0.019	76		9.19	9.27		C			1	S						
19662	9.733	0.023	7.880	0.010		1.541	0.020	T	1.60	0.04	L		7.8138	0.0014	0.010	90		7.80	7.83		C			1							
19663	8.567	0.018	8.120	0.017		0.378	0.015	G	0.44	0.02	H		8.1775	0.0017	0.010	46		8.15	8.19		C			1							S
19664	9.862	0.036	9.269	0.033		0.553	0.043	T	0.63	0.04	L		9.3287	0.0024	0.015	43		9.29	9.35		C			1							
19665	9.728	0.028	9.218	0.028		0.479	0.036	T	0.55	0.04	L		9.2753	0.0029	0.015	56		9.25	9.29		C			1							
19666	8.733	0.011	6.794	0.005		1.644	0.010	T	1.79	0.04	O		6.7109	0.0009	0.013	240		6.69	6.74		U 2			1							S
19667	11.575	0.089	9.543	0.025		1.683	0.074	T	1.71	0.08	L		9.4953	0.0017	0.018	130		9.46	9.52		C			1							
19668	8.471	0.011	7.911	0.010		0.581	0.004	G	0.65	0.00	H		7.9551	0.0014	0.011	89		7.94	7.98		C			1							S
19669	8.311	0.018	7.827	0.015		0.456	0.021	T	0.53	0.02	L		7.8958	0.0016	0.010	49		7.88	7.92		C			1							S
19670	9.974	0.020	8.227	0.009		1.457	0.017	T	1.46	0.03	L		8.1974	0.0016	0.017	174		8.17	8.23					1 G							
19671	11.636	0.111	11.088	0.112		0.640	0.040	G	0.70	0.04	R		11.0386	0.0054	0.040	93		10.93	11.08					1							G
19672	6.348	0.005	6.169	0.004		0.171	0.006	T	0.19	0.01	L		6.1989	0.0019	0.011	57		6.18	6.22		U 2			1							S
19673	7.843	0.005	6.461	0.003		1.169	0.005	T	1.13	0.01	L		6.4968	0.0005	0.007	241		6.49	6.51		C			1 X							S
19674	10.372	0.025	9.024	0.014		1.170	0.015	G	1.13	0.01	I		9.0532	0.0020	0.022	145		9.02	9.10					1							
19675	10.350	0.024	9.209	0.015		0.981	0.022	T	0.96	0.02	L		9.2673	0.0027	0.025	143		9.23	9.32					1							
19676	11.020	0.054	10.622	0.058		0.587	0.072	G	0.66	0.07	R		10.7194	0.0031	0.026	92		10.68	10.76		C			1							G
19677	8.145	0.011	6.885	0.007		1.074	0.010	T	1.04	0.01	L		6.9258	0.0010	0.011	78		6.91	6.94		C			1							S
19678	10.824	0.074	8.922	0.024	*						T	*	8.8639	0.0040	0.026	59	*	8.81	8.89		U	04129−1107	H 1	2 C	B	AB	346	0.210	0.052	2.85	0.73	
19679	8.946	0.015	6.888	0.006		1.704	0.013	T	1.73	0.01	L		6.7895	0.0012	0.010	78		6.77	6.80					1							S
19680	9.216	0.011	8.941	0.012		0.262	0.015	T	0.29	0.02	L		8.9900	0.0019	0.021	205		8.95	9.03		C			1							
19681	9.020	0.014	8.883	0.016		0.132	0.020	T	0.15	0.02	L		8.9339	0.0016	0.015	86		8.91	8.96		C			1							
19682	10.330	0.030	9.272	0.020		0.918	0.027	T	0.92	0.02	L		9.3453	0.0026	0.021	99		9.32	9.38		C			1							
19683	9.887	0.022	9.472	0.022		0.392	0.029	T	0.46	0.03	L		9.4845	0.0020	0.017	97		9.45	9.51		C			1							
19684	7.911	0.012	7.389	0.009	*	0.516	0.008	G	0.59	0.01	H	*	7.5590	0.0014	0.015	158	*	7.53	7.59		D	04130−2832	I 1	2 C	A	AB	50	1.688	0.003	0.11	0.01	S
19685	9.340	0.030	8.908	0.031		0.408	0.040	T	0.47	0.04	L		8.9453	0.0029	0.014	39		8.91	8.97					1							
19686	9.931	0.036	8.584	0.020		1.142	0.032	T	1.11	0.03	L		8.6121	0.0016	0.016	72		8.58	8.64		C			1							
19687	9.179	0.010	8.588	0.009		0.568	0.015	G	0.64	0.01	H		8.6509	0.0017	0.021	209		8.62	8.69					1							S
19688	7.322	0.004	7.071	0.005		0.235	0.006	T	0.26	0.01	L		7.1049	0.0009	0.010	147		7.08	7.13					1							S
19689	9.062	0.014	7.908	0.010		0.991	0.013	T	0.97	0.01	L		7.9733	0.0015	0.012	99		7.95	7.99		C			1							S
19690	7.186	0.005	6.816	0.005		0.351	0.007	T	0.41	0.01	L		6.8647	0.0009	0.010	147		6.85	6.89		C	04131−2308	I 1	1							S
19691	10.948	0.054	8.810	0.017	*						T	*	8.7025	0.0022	0.018	102	*	8.67	8.73			04131+4754	H 1	2 C	C	AB	238	0.223	0.032	1.71	0.97	
19692	8.969	0.012	8.755	0.014		0.201	0.015	G	0.22	0.02	H		8.7978	0.0027	0.019	98		8.77	8.83					1							S
19693	8.002	0.007	7.475	0.008		0.515	0.015	G	0.59	0.02	H		7.5376	0.0012	0.009	104		7.52	7.56		C			1							S
19694	10.101	0.024	8.477	0.011		1.384	0.022	T	2.71	0.04	O		8.2261	0.0037	0.042	113		8.15	8.30		U 2			1	S						P
19695	10.610	0.037	8.714	0.014		1.575	0.031	T	1.59	0.03	L		8.6586	0.0022	0.024	126		8.62	8.69					1	S						
19696	9.931	0.035	9.212	0.030		0.640	0.015	G	0.70	0.01	H		9.2821	0.0036	0.020	41		9.25	9.31		C			1							
19697	9.355	0.013	9.116	0.015		0.228	0.019	T	0.25	0.02	L		9.1852	0.0023	0.021	146		9.15	9.23					1							
19698	10.864	0.036	9.230	0.015		1.367	0.031	T	1.34	0.04	L		9.2258	0.0024	0.026	162		9.18	9.27					1	S						
19699	9.367	0.017	9.004	0.018		0.344	0.023	T	0.40	0.03	L		9.0795	0.0019	0.015	115		9.05	9.11		C			1							
19700	9.585	0.021	7.728	0.009		1.576	0.019	T	2.31	0.05	O		7.5551	0.0039	0.030	112		7.51	7.62		U 2			1	S						S P

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Number HIP		Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag			Position: epoch J1991.25 α (ICRS) deg	δ deg		Par. π mas	Proper Motion μα* mas/yr	μδ mas/yr	Standard Errors α* mas	δ mas	π mas	μα* mas/yr	μδ mas/yr	Astrometric Correlations (%) δ α*	π α*	π δ	μα* α*	μα* δ	μα* π	μδ α*	μδ δ	μδ π	μδ μα*	Soln F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
19701		04 13 13.10	+06 36 02.1	9.09		G	63.304 562 55	+06.600 584 58		2.58	28.45	−39.53	1.14	0.85	1.25	1.31	1.16	+7	+42	−6	+7	+9	−9	+8	+22	+2	+17	0	0.63
19702	H	04 13 14.00	+22 57 31.7	9.05		H	63.308 340 34	+22.958 815 50	*	2.83	1.23	−12.80	2.85	1.67	1.95	1.97	1.63	+8	+8	−8	−5	+0	−12	−3	+22	−27	+51	1	0.19
19703		04 13 14.12	−31 17 00.0	8.40		G	63.308 831 84	−31.283 324 65		4.59	1.77	−21.01	0.56	0.65	0.92	0.63	0.85	−1	−5	−10	+9	−8	+13	−4	−3	−12	+15	4	0.55
19704		04 13 14.95	−70 25 14.1	6.99		G	63.312 291 86	−70.420 585 26		8.73	46.28	56.49	0.50	0.58	0.56	0.62	0.71	−4	+11	−2	−16	+2	+1	+5	+14	−6	+3	0	−1.02
19705		04 13 17.01	−48 16 18.4	9.31		H	63.320 855 84	−48.271 780 42		7.36	31.64	15.07	0.78	0.82	0.92	0.87	0.94	+3	+11	−24	−15	−7	+11	−5	−10	−5	+0	1	−0.43
19706		04 13 17.95	−69 07 14.7	8.35		H	63.324 789 78	−69.120 753 68		2.41	3.58	26.27	0.63	0.67	0.69	0.69	0.83	+4	−5	−13	−2	+10	+3	+12	−2	−12	+14	0	−0.69
19707		04 13 18.87	−09 28 15.0	9.00		H	63.328 626 98	−09.470 824 91		1.58	22.97	−34.54	1.21	1.05	1.50	1.61	1.39	+5	+13	−25	+14	+7	+15	+8	+24	−26	−4	2	0.89
19708		04 13 19.58	−09 27 59.4	9.67		H																							
19709	H	04 13 22.56	+13 34 43.2	10.10		H	63.344 008 71	+13.578 672 25	A	4.69	−10.30	−11.53	7.00	6.30	6.13	8.65	7.76	+6	+2	−32	+4	−11	+10	−7	+4	+8	+61	0	0.56
*19710	H	04 13 23.11	+65 56 07.9	7.86		H	63.346 289 86	+65.935 534 84	*	5.35	11.48	−23.08	1.18	1.27	1.45	0.86	1.15	−33	+5	−7	−39	+4	+4	+4	−17	+20	+8	1	0.35
*19711		04 13 23.09	−12 17 44.0	7.95		H	63.346 202 85	−12.295 559 08		0.45	15.77	−7.48	0.94	0.84	1.20	1.30	1.24	+38	+33	+16	−11	+7	+21	+4	+6	−11	+19	0	0.95
*19712	H	04 13 23.04	+02 52 07.8	8.17		H	63.346 016 76	+02.868 820 67	A	10.29	−21.20	−23.06	2.51	2.05	2.79	2.84	2.41	−8	+28	−58	−6	−22	+5	−13	−32	+23	+38	0	0.13
19713		04 13 23.22	+35 28 36.3	7.91		H	63.346 768 22	+35.476 759 18		1.91	−9.19	−5.48	0.92	0.65	1.03	1.22	0.86	+29	+23	−19	+0	−12	+10	−11	+21	+7	+42	0	−0.30
19714		04 13 24.41	+03 54 08.0	8.10	2	H	63.351 713 55	+03.902 216 40		0.57	−0.75	7.32	1.04	0.93	1.27	1.60	1.33	+17	+17	−33	+13	−24	+33	−10	−17	+10	+41	0	2.15
19715	H	04 13 24.44	+29 07 22.6	7.92	2	H	63.351 851 98	+29.122 946 71	*	1.91	8.15	−12.67	0.93	0.61	1.00	1.15	0.83	+35	+33	−5	−24	−21	−5	−22	−4	−3	+38	0	1.62
19716		04 13 28.38	−49 07 18.8	8.44		H	63.368 263 85	−49.121 899 27		5.98	55.55	24.74	0.66	0.70	0.77	0.73	0.82	−8	+10	−13	−11	−10	−1	−7	+5	+13	−22	1	0.63
19717		04 13 29.62	−10 23 13.5	7.23	3	H	63.373 432 98	−10.387 080 61		3.35	−4.03	−32.40	0.87	0.76	1.12	0.97	1.14	+29	+36	+1	+21	+4	−8	−10	+12	−36	+36	0	1.00
19718		04 13 31.25	+08 53 25.3	6.52		H	63.380 192 44	+08.890 355 37		10.81	3.00	−27.38	0.98	0.74	1.17	1.21	0.91	+21	+35	+3	+16	+12	−43	+10	+49	−16	+18	0	0.22
19719		04 13 33.11	+07 42 57.7	5.29		H	63.387 942 42	+07.716 034 10	+	27.04	−3.99	4.45	1.10	1.32	0.90	0.95	1.89	−44	+32	−3	+33	−3	−23	−52	+90	−9	−6	0	−0.40
19720		04 13 34.55	+10 12 45.1	6.24		H	63.393 977 97	+10.212 519 30		6.49	26.34	−25.19	0.92	0.62	1.06	1.07	0.98	+5	+43	−8	+8	−31	+2	−12	−5	+38	+14	4	1.39
19721		04 13 35.71	−40 21 28.2	6.36		G	63.398 803 93	−40.357 838 72		3.26	10.69	30.91	0.47	0.49	0.61	0.58	0.59	−1	+6	−9	−10	+12	−6	+13	−17	+7	+16	0	−1.18
19722		04 13 36.77	−50 35 10.2	8.90	2	H	63.403 205 55	−50.586 169 05		1.29	−3.42	5.20	0.66	0.65	0.74	0.67	0.69	−2	−2	−3	−10	−5	+13	−7	+0	−3	+12	0	3.35
19723		04 13 36.79	−25 31 45.4	7.64		H	63.403 293 64	−25.529 281 93		4.19	8.12	5.92	0.52	0.65	1.03	0.64	0.91	−8	+1	−8	+1	+6	−2	+7	+4	−16	−13	0	0.01
19724		04 13 37.92	−41 23 19.8	8.52		H	63.408 008 60	−41.388 846 05		4.09	4.01	0.04	0.64	0.64	0.83	0.72	0.70	+2	+9	−8	−12	−8	+21	−6	−10	+6	+14	2	2.23
19725		04 13 38.15	−01 08 59.0	6.45	1	H	63.408 941 48	−01.149 725 70		2.33	4.63	−4.66	0.90	0.46	0.91	1.11	0.71	+46	+50	+28	−17	−23	−7	−22	+0	−19	−2	4	−1.06
19726		04 13 39.76	−58 01 19.3	7.30		H	63.415 648 36	−58.022 031 40		7.48	22.40	45.11	0.57	0.49	0.56	0.67	0.60	−16	+6	+1	−9	+3	+0	+4	+4	−2	−21	0	1.49
19727		04 13 41.09	+49 05 38.2	6.92		G	63.421 215 23	+49.093 940 70		9.35	15.12	−7.28	0.69	0.51	0.86	0.77	0.66	−9	+32	−26	+5	+4	−19	−13	+43	−19	+19	0	−0.13
19728		04 13 42.84	−17 28 23.0	8.57		H	63.428 479 96	−17.473 046 75		4.63	20.11	25.37	0.92	0.87	1.18	0.93	1.14	+9	+39	−30	+31	+29	−11	+13	+55	−28	+35	0	0.39
19729		04 13 43.90	+39 40 49.2	7.28		H	63.432 904 79	+39.680 325 89		2.17	12.44	−13.49	0.75	0.52	0.97	0.78	0.74	+8	+27	−21	+2	+19	+4	+2	+42	−26	+41	2	−0.40
19730		04 13 44.81	+72 07 34.4	6.05		H	63.436 696 69	+72.126 230 40		8.92	8.51	−34.13	0.37	0.46	0.64	0.41	0.59	−9	+15	−4	−8	+0	−1	+3	−2	+16	−13	1	1.50
19731		04 13 46.73	−46 11 10.5	9.03		G	63.444 690 33	−46.186 237 09		1.16	21.69	3.13	0.73	0.80	0.88	0.81	0.92	−5	+1	+4	+14	−6	−1	−7	+16	−5	+6	0	−1.88
19732		04 13 46.74	−84 29 08.9	7.20		H	63.444 750 23	−84.485 813 99		0.37	−3.61	8.44	0.46	0.52	0.54	0.53	0.69	−5	+15	−16	+1	−10	−1	−11	−7	+1	+1	0	−0.07
19733		04 13 47.99	−51 35 36.6	7.41		H	63.449 968 96	−51.593 508 66		6.98	−3.23	21.17	0.55	0.53	0.59	0.57	0.57	−3	−11	−8	+4	−19	+6	−20	+0	+3	+0	0	−1.58
19734		04 13 48.42	+52 15 08.5	9.87		H	63.451 743 03	+52.252 350 19		1.85	−4.87	0.61	1.12	0.93	1.42	1.29	1.23	−13	+26	−32	+23	+10	−13	+0	+42	−26	+9	0	−2.20
19735		04 13 49.30	+50 04 23.3	9.54		H	63.455 436 65	+50.073 128 76		1.61	0.00	−1.14	1.23	0.83	1.56	1.48	1.19	−22	+36	−31	+16	−3	−15	−22	+47	−31	+6	0	1.70
19736		04 13 49.83	+12 45 13.5	6.25		H	63.457 624 96	+12.753 741 44		9.09	11.60	−16.60	0.82	0.68	1.06	1.29	1.13	+25	+17	−26	+6	−7	+41	+6	+4	+39	+62	0	0.61
19737		04 13 54.28	−37 03 24.1	8.98		H	63.476 167 73	−37.056 693 65		0.70	15.41	2.27	0.79	0.86	1.03	0.84	1.06	−11	+7	−7	−20	+9	+9	+11	−16	+5	−7	0	0.90
19738		04 13 54.64	+50 28 41.6	7.82		H	63.477 662 46	+50.478 234 52		2.28	−2.01	−5.07	0.92	0.63	1.04	1.20	0.85	−26	+31	−18	+37	−24	−3	−27	+39	−11	−17	0	0.23
19739		04 13 55.47	+82 55 09.2	10.80		G	63.481 128 78	+82.919 211 19		28.84	88.69	−251.88	1.08	1.29	1.44	1.31	1.59	−9	+15	−4	−7	+14	+11	+16	−12	+8	+2	0	−1.17
19740	H	04 13 56.39	+09 15 50.0	4.84		G	63.484 962 28	+09.263 898 44	A	8.78	−9.42	−30.60	1.15	1.01	1.39	1.57	1.25	+9	+42	−17	+9	+17	−40	+1	+33	−23	+42	0	0.11
19741		04 13 57.25	−37 01 49.3	6.99		G	63.488 552 92	−37.030 366 02		2.91	0.37	−13.38	0.50	0.57	0.69	0.58	0.68	−12	+2	−9	−15	+9	+14	+11	−19	+2	−6	1	1.15
19742		04 13 58.66	+55 45 16.2	9.18		H	63.494 401 66	+55.754 498 00		−1.97	6.12	−14.20	1.03	0.76	1.21	1.00	0.89	−21	+33	−25	+4	−13	+0	−17	+27	−12	−16	0	0.70
19743		04 13 58.80	−32 02 31.3	6.98		H	63.495 015 44	−32.042 030 55		5.56	−8.97	−15.03	0.47	0.56	0.75	0.53	0.72	−10	+13	−12	+4	−9	+10	−13	+12	−22	+8	1	0.69
19744	H	04 13 59.00	+42 34 56.9	8.22		H	63.495 818 68	+42.582 462 58	A	7.30	−1.38	−6.66	1.69	1.19	1.72	1.56	1.39	+1	+2	−24	+7	+33	+12	+25	+59	−13	+37	1	0.19
19745		04 13 59.06	+22 42 29.1	8.19		H	63.496 089 57	+22.708 083 82		3.43	9.37	−5.26	0.91	0.59	1.03	0.94	0.76	+36	+29	+6	+4	−1	−11	−7	+31	−24	+28	2	−0.97
19746		04 13 59.73	+37 58 01.7	6.47		H	63.498 875 28	+37.967 136 09		8.28	−49.28	4.58	0.84	0.62	1.13	1.20	0.90	+39	−27	−21	−31	+3	+50	+11	+32	−13	+37	0	0.18
19747		04 14 00.08	−42 17 37.9	3.85		G	63.500 338 80	−42.293 872 94		27.85	41.89	−203.65	0.40	0.42	0.51	0.48	0.49	+3	−1	+2	+13	+0	+4	+1	+7	−9	+29	0	1.09
19748		04 14 00.71	−00 29 59.1	8.46		H	63.502 960 31	−00.499 760 98		2.60	−0.45	−5.83	1.01	0.67	1.06	1.29	0.99	+29	+16	−12	+22	+3	−12	−3	+23	−15	+17	0	−0.95
19749		04 14 00.80	+05 55 28.2	9.69		G	63.503 347 98	+05.924 508 90		8.25	−37.75	23.83	1.50	1.23	1.67	2.12	1.72	+15	+15	−18	+22	−5	+14	−3	+15	−3	+16	0	0.99
19750		04 14 00.98	+11 01 38.1	7.46		H	63.504 065 37	+11.027 239 56		4.20	23.31	−2.08	0.86	0.68	0.95	1.04	0.93	+27	+36	+4	−7	−9	+20	−7	−9	+9	+38	0	−0.52
19751		04 14 03.36	−30 06 45.9	7.19		H	63.513 985 22	−30.112 756 67		5.16	23.90	13.59	0.48	0.58	0.79	0.54	0.79	−5	+12	−7	−2	−6	−6	−10	+5	−12	+14	1	0.80
19752		04 14 03.55	−15 59 35.3	7.19	2	H	63.514 793 70	−15.993 127 26		0.87	4.42	6.62	0.84	0.73	1.11	1.34	1.10	+2	+20	−5	+31	+3	+23	+4	+42	−22	−39	0	0.00
19753		04 14 03.56	−15 01 51.8	8.79		H	63.514 844 39	−15.031 046 68		3.06	7.36	−3.40	1.22	1.16	1.51	1.95	1.56	+9	+16	+32	−14	+49	+30	+55	+29	+11	−26	0	0.23
19754		04 14 06.38	+33 00 23.8	10.10		H	63.526 581 49	+33.006 601 82		4.45	28.50	−26.47	1.51	1.05	1.67	1.58	1.28	+35	+43	+4	+22	+11	−12	+4	+51	−23	+25	0	−1.47
19755		04 14 06.89	+38 28 10.2	7.43		G	63.528 727 69	+38.469 508 38		6.47	36.33	−27.37	0.78	0.60	0.89	0.82	0.75	+22	+25	−18	+1	+23	+2	+12	+44	−19	+43	0	1.06
19756		04 14 07.09	+08 10 58.3	9.70		H	63.529 529 29	+08.182 849 36		6.63	11.58	−7.60	1.61	1.25	1.76	1.82	1.57	+23	+38	+5	+27	+8	−24	+6	+45	−7	+25	0	0.50
19757		04 14 08.05	+09 24 24.2	11.09		G	63.533 529 61	+09.406 725 95		16.56	110.12	−7.26	3.62	2.46	4.48	4.28	3.44	+3	+52	−21	+6	+22	−45	−8	+53	−36	+33	0	−0.56
19758	H	04 14 09.55	−46 07 56.0	6.77		H	63.539 786 66	−46.132 213 53	*	22.27	160.08	−91.94	0.88	1.20	0.64	0.84	0.86	−41	−4	+4	+14	−11	−7	−12	+17	−13	−16	1	−0.20
19759		04 14 11.22	−56 10 36.9	7.54		H	63.546 765 12	−56.176 903 85		9.38	17.68	55.46	0.54	0.55	0.59	0.62	0.66	−9	+15	−6	+6	−11	−17	−13	+23	−9	−14	0	0.41
19760		04 14 11.86	−24 12 18.7	8.14		H	63.549 434 44	−24.205 208 16		6.87	16.29	9.54	0.36	0.62	1.01	0.44	0.81	+5	+3	+2	+5	+14	−3	+13	+3	−24	+9	0	1.22
19761		04 14 12.82	+44 44 58.8	8.39		G	63.553 402 74	+44.749 669 73		8.04	10.02	−21.11	0.88	0.67	1.26	1.10	0.98	+4	+12	−38	−9	+7	+23	+7	+30	−19	+32	0	0.33
19762		04 14 12.92	+28 12 12.5	10.71	2	H	63.553 829 61	+28.203 474 66	*	9.88	0.65	−24.89	2.83	1.84	2.71	2.55	1.89	+15	+37	−25	+1	−16	+10	−22	+17	−19	+20	0	0.13
19763		04 14 14.95	+18 53 38.5	8.14		G	63.562 297 74	+18.894 034 30		10.63	19.35	−11.38	1.24	0.76	1.44	1.13	0.89	+2	+62	−19	+1	−1	−4	−22	+21	−35	+13	0	2.95
19764		04 14 15.15	+66 32 52.5	8.27	2	H	63.563 123 21	+66.547 918 26		3.15	−0.81	0.10	0.65	0.78	1.12	0.75	0.95	+5	+18	+12	−16	−14	−6	−14	+14	+8	+8	3	−0.39
19765		04 14 17.72	−45 16 28.3	9.00		H	63.573 830 16	−45.274 522 41		4.73	−21.91	7.21	0.66	0.74	0.81	0.80	0.83	+3	−4	−1	−18	−13	−5	−14	−6	−7	+19	0	0.61
19766		04 14 17.79	+78 22 29.3	8.05		H	63.574 144 80	+78.374 810 98		0.76	6.95	−14.53	0.57	0.69	0.79	0.59	0.79	−9	+23	+13	−4	+6	−2	+8	−24	−6	+2	0	0.24
19767		04 14 18.09	+12 20 53.7	6.74		H	63.575 371 30	+12.348 245 49		27.98	341.22	−59.45	1.07	0.75	1.18	1.29	1.07	+27	+44	−3	−9	+13	+4	+7	+17	−8	+36	0	−1.05
19768		04 14 19.74	−39 49 32.9	9.06		H	63.582 250 05	−39.825 805 34		2.92	30.46	16.23	0.79	0.85	1.04	0.90	0.99	+0	+2	−12	−13	+12	−1	+15	−24	+13	+23	0	−0.26
19769		04 14 19.83	−38 15 36.6	6.92		H	63.582 637 68	−38.260 155 96		5.11	32.48	50.63	0.49	0.53	0.66	0.57	0.66	−2	+5	−10	−20	+2	+10	+3	−19	+17	+12	0	0.87
19770		04 14 20.31	+69 30 24.2	7.30		H	63.584 608 57	+69.506 713 61		2.24	−3.13	−3.37	0.35	0.52	0.74	0.36	0.59	−23	+15	−12	−12	+4	−1	+8	+5	+16	−28	1	0.52
19771		04 14 20.50	−60 12 30.8	8.81		G	63.585 415 88	−60.208 551 94		5.13	8.20	23.94	0.68	0.69	0.74	0.77	0.82	+1	+9	−18	−8	+18	−15	+15	+7	+6	+13	1	−0.98
19772		04 14 20.94	+19 34 47.2	8.18		G	63.587 240 15	+19.579 784 71		6.78	16.04	−50.71	1.18	0.81	1.26	1.31	0.91	−7	+39	−26	−25	+22	−18	+14	−3	−11	−8	0	3.37
19773		04 14 22.05	−64 58 03.0	8.06		H	63.591 891 28	−64.967 503 25		13.52	−20.30	−79.79	0.58	0.59	0.63	0.64	0.74	+4	+8	−1	+6	+6	+10	+5	+11	−16	+9	0	−0.45
19774		04 14 22.41	+54 31 27.2	7.34		H	63.593 394 69	+54.524 209 93		5.21	−10.09	4.95	0.66	0.55	0.92	0.85	0.72	−7	+8	−4	+1	+0	+25	+2	+24	−20	−20	0	0.51
19775		04 14 22.54	−38 19 01.6	9.15	2	H	63.593 922 78	−38.317 109 59		12.10	40.84	1.46	0.77	0.90	1.10	0.90	1.16	−7	+6	−3	−18	−1	−15	+0	−23	+23	−8	0	0.44
19776		04 14 23.39	−69 32 42.4	8.81		H	63.597 448 61	−69.545 121 98		13.44	−50.35	−81.92	0.67	0.76	0.75	0.72	0.96	+4	−1	−7	−7	+11	+4	+12	+13	−11	+12	0	−1.63
19777	H	04 14 23.69	−10 15 21.2	4.87		H	63.598 721 49	−10.255 888 90	A	15.80	−7.61	−162.11	0.81	0.65	0.95	0.84	0.87	+39	+20	−17	+0	+2	−1	−4	+7	−32	+41	3	0.01
19778		04 14 24.65	−06 58 27.8	8.21		H	63.602 703 14	−06.974 400 92		2.56	−5.14	−8.08	0.87	0.68	1.14	1.09	1.05	+34	+26	−5	+22	+14	−13	+2	+18	−36	+30	0	0.97
19779	H	04 14 25.11	+01 39 33.6	7.36		H	63.604 608 06	+01.659 330 21	*	2.10	−6.09	−16.61	0.99	1.39	1.09	1.18	1.01	+16	+24	+0	+29	+2	−13	−2	+32	−16	+20	1	−0.31
19780		04 14 25.43	−62 28 26.3	3.33	1	G	63.605 963 06	−62.473 978 88		19.98	41.64	49.72	0.41	0.41	0.45	0.38	0.43	−10	−5	−7	−37	+15	+11	+13	−17	−2	+13	0	−0.20
19781		04 14 25.59	+14 37 30.3	8.45		H	63.606 609 91	+14.625 083 04		21.91	105.61	−19.86	1.16	0.84	1.27	1.39	1.08	+7	+25	−20	+9	−17	+9	−16	+4	+1	+24	0	0.48
19782		04 14 25.86	−73 38 42.4	8.90		G	63.607 734 90	−73.645 114 38		2.18	0.91	4.52	0.77	0.75	0.81	0.78	0.94	−1	+22	−1	−15	−1	+7	−3	−4	−7	+4	0	0.98
19783		04 14 26.08	−54 42 40.2	8.79		H	63.608 668 08	−54.711 178 23		3.42	65.52	25.13	0.81	0.73	0.84	1.00	0.92	+4	+2	−8	−28	+3	+1	+4	−3	−21	−3	0	0.44
19784		04 14 26.10	−20 43 31.3	8.92		H	63.608 761 03	−20.725 374 34		4.73	−1.80	−27.49	0.82	0.84	1.31	0.90	1.26	−9	−4	+7	−30	+36	−3	+39	+26	−13	+1	1	−0.10
19785		04 14 26.42	+23 41 47.2	6.77		H	63.610 099 99	+23.696 453 78		2.48	−1.75	−12.96	0.75	0.49	0.90	0.96	0.71	+33	+12	−5	−1	−1	−1	+2	+34	−33	+14	0	0.27
*19786		04 14 27.19	+12 26 07.2	8.05		G	63.613 274 92	+12.435 346 52		22.19	117.48	−9.35	1.25	0.93	1.45	1.51	1.39	+29	+40	−1	+0	+9	−6	−4	+14	−26	+47	0	−0.26
*19787		04 14 27.16	+63 25 18.3	9.77		H	63.613 150 20	+63.421 753 50		3.11	−3.52	−5.23	1.00	1.11	1.51	1.27	1.41	−1	−2	−4	+18	−3	+20	−2	+36	+6	+2	0	−0.09
19788		04 14 30.24	+03 01 17.0	8.78		G	63.625 980 58	+03.021 397 04		30.02	105.73	272.07	1.40	1.03	1.68	2.51	1.63	−12	+4	−37	−33	−6	+52	+17	−31	+24	+14	0	0.58
19789		04 14 30.36	+22 27 07.0	7.05		H	63.626 501 38	+22.451 947 49		18.12	95.09	−34.10	0.83	0.54	0.92	0.83	0.70	+45	+39	+18	−1	−4	−15	−11	+24	−25	+38	0	−0.47
19790		04 14 30.84	−75 48 29.2	7.24	1	H	63.628 492 55	−75.808 108 16		2.79	20.78	9.39	0.54	0.56	0.58	0.59	0.65	−7	+27	−13	−23	+8	−6	+6	+9	−2	−1	1	−0.92
19791		04 14 31.21	−70 45 36.4	8.59		H	63.630 043 30	−70.760 112 31		2.68	−4.17	6.73	0.65	0.76	0.74	0.77	0.95	−6	+5	−19	−16	+4	+12	+4	+18	−10	+1	1	−1.02
19792		04 14 31.64	+27 57 35.3	8.41		G	63.631 815 73	+27.959 801 62		7.27	35.74	−17.55	1.03	0.76	1.29	1.24	1.06	+19	+28	−39	−4	+10	−20	−13	+32	−32	+53	0	−0.09
19793		04 14 32.24	+23 34 30.2	8.05		H	63.634 326 46	+23.575 062 14		21.69	121.09	−48.34	0.95	0.61	1.14	1.23	0.93	+30	+15	−6	+7	+0	−2	+2	+42	−35	+10	0	0.30
19794		04 14 32.49	−38 58 14.0	8.76		H	63.635 362 57	−38.970 546 40		0.98	−10.22	−1.15	0.66	0.84	0.98	0.78	1.00	−12	+8	−15	−16	+3	−19	+2	−16	+21	−2	1	0.54
19795		04 14 34.03	−61 59 05.2	9.16		H	63.641 780 75	−61.984 790 09		0.48	−9.63	−3.99	0.78	0.73	0.80	0.75	0.85	−2	−2	+4	−43	+18	+9	+10	−6	+3	+33	0	−0.40
19796		04 14 34.27	+10 42 05.0	7.11		G	63.642 791 78	+10.701 400 49		21.08	119.81	−5.22	0.86	0.69	0.97	1.12	1.03	+26	+32	−8	+1	−23	+18	−13	−10	+25	+43	0	0.15
19797		04 14 35.25	+22 21 06.9	9.23		G	63.646 861 80	+22.351 916 38		12.84	425.56	−301.97	1.22	0.77	1.33	1.30	1.03	+41	+33	+17	−8	−16	−17	−22	+15	−21	+37	0	−1.49
19798		04 14 36.12	−59 05 23.0	8.80		H	63.650 512 13	−59.089 714 48		6.75	−12.84	6.88	0.73	0.66	0.76	0.83	0.83	−12	+32	−9	−12	+3	−15	+3	−16	+2	−10	1	−0.81
19799		04 14 36.24	+10 00 41.2	5.22		H	63.650 991 78	+10.011 439 11		6.88	−6.57	−13.44	0.96	0.56	1.03	0.93	0.66	+15	+65	+26	+0	−15	−28	+1	+36	+9	−22	0	1.70
19800		04 14 37.02	−02 08 23.3	7.78		H	63.654 246 50	−02.139 792 25		0.78	7.86	3.07	0.86	0.59	0.96	1.09	1.05	+36	+21	−9	+17	−2	+0	−12	+13	−19	+36	0	−0.13

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
19701	10.608	0.051	9.215	0.027		1.282	0.037	G	1.24	0.04	H	9.2060	0.0021	0.014	49		9.19	9.23					1							
19702	9.699	0.024	9.104	0.022	*	0.555	0.029	T	0.63	0.03	L *	9.1728	0.0018	0.013	91	*	9.14	9.20		D	04132+2258	I 1	2 C	A	AB	39	0.259	0.008	0.23	0.11	
19703	8.678	0.011	8.413	0.012		0.238	0.015	G	0.27	0.02	H	8.4706	0.0015	0.017	147		8.44	8.50		C			1							S
19704	7.346	0.006	7.002	0.007		0.324	0.008	G	0.36	0.02	A	7.0588	0.0014	0.011	92		7.04	7.08					1 G							S
19705	10.033	0.023	9.383	0.020		0.642	0.005	G	0.71	0.00	H	9.4449	0.0018	0.018	110		9.40	9.48					1							
19706	9.630	0.019	8.474	0.013		0.993	0.018	T	0.97	0.01	L	8.5173	0.0016	0.014	101		8.50	8.55		C			1							
19707	9.508	0.023	9.016	0.023		0.501	0.107	G	0.55	0.07	L	9.1012	0.0044	0.032	78		9.01	9.16		D	04133−0928	I 2	1								
19708											T	9.8119	0.0917	0.493	76		9.11	10.73		D	04133−0928	I 2	S								G
19709	11.279	0.085	10.451	0.068	*	0.746	0.083	T	0.79	0.06	L *	10.2522	0.0042	0.029	56	*	10.19	10.32		D	04134+1335	M 1	2 C	A	AB	330	1.121	0.019	0.41	0.06	G
19710	9.157	0.012	7.973	0.008	*	1.015	0.011	T	0.99	0.01	L *	8.0214	0.0010	0.014	188	*	8.00	8.05		C	04134+6556	H 1	2 C	D	AB	218	0.224	0.080	3.56	0.59	S D
19711	9.567	0.021	8.083	0.011		1.249	0.019	T	1.21	0.02	L	8.1069	0.0014	0.012	77		8.09	8.13					1							S
19712	8.694	0.024	8.084	0.022	*	0.568	0.029	T	0.64	0.03	L *	8.2957	0.0021	0.016	34	*	8.27	8.32		R	04134+0252	I 1	2 C	A	AB	40	3.176	0.004	0.31	0.02	S
19713	8.210	0.012	7.941	0.013		0.260	0.015	G	0.29	0.02	H	7.9812	0.0012	0.010	77		7.97	8.00					1							S
19714	10.519	0.060	8.398	0.018		1.754	0.050	T	1.78	0.05	L	8.1983	0.0057	0.057	51		8.09	8.27		U 2			1	S							P
19715	10.410	0.050	8.186	0.015	*	1.879	0.043	T	2.96	0.06	O *	7.8568	0.0051	0.030	70	*	7.82	7.90		U 2	04134+2907	H 1	2 C	S B	AB	350	0.114	0.007	0.55	0.65	
19716	9.827	0.020	8.546	0.012		1.090	0.018	T	1.05	0.02	L	8.6075	0.0015	0.019	113		8.58	8.64					1							
19717	9.267	0.019	7.475	0.009		1.523	0.017	T	2.78	0.11	O	7.1741	0.0395	0.374	69		6.74	7.66		U 2 C			1	S						S	P
19718	6.732	0.009	6.547	0.006		0.155	0.005	G	0.17	0.01	R	6.5735	0.0010	0.006	36		6.56	6.59			04135+0853	I 1	1							S	
19719	5.716	0.006	5.326	0.004		0.366	0.008	G	0.42	0.03	C	5.3736	0.0006	0.004	44		5.37	5.38			04136+0743	I 1	1 O							S	
19720	6.272	0.004	6.249	0.006		0.021	0.006	T	0.04	0.01	L	6.2556	0.0010	0.006	36		6.25	6.26					1							S	
19721	8.286	0.009	6.530	0.004		1.468	0.005	G	1.48	0.01	H	6.4991	0.0010	0.009	113		6.49	6.51					1							S
19722	11.090	0.047	9.151	0.016		1.644	0.041	T	2.58	0.08	O	8.9127	0.0186	0.195	125		8.72	9.30	398.00	P 1 A			1							
19723	9.113	0.011	7.768	0.007		1.140	0.010	T	1.10	0.01	L	7.8067	0.0011	0.016	153		7.79	7.84			04136−2532	I 1	1							S	
19724	8.831	0.011	8.551	0.012		0.266	0.015	T	0.30	0.02	L	8.5919	0.0020	0.017	110		8.56	8.62		C	04136−4123	I 1	1	S						S	
19725	6.272	0.004	6.417	0.004		−0.125	0.002	G	−0.11	0.00	H	6.4093	0.0011	0.011	115		6.39	6.43	1.33	P 1 A			1							S
19726	7.562	0.007	7.342	0.008		0.210	0.010	T	0.23	0.01	L	7.3711	0.0012	0.008	94		7.36	7.39		C			1							S
19727	8.115	0.011	7.050	0.006		0.910	0.015	G	0.91	0.01	H	7.0936	0.0010	0.008	94		7.08	7.11		C			1							S
19728	8.893	0.013	8.583	0.014		0.260	0.015	G	0.29	0.02	H	8.6416	0.0026	0.018	83		8.62	8.67		C			1							S
19729	9.504	0.020	7.505	0.009		1.660	0.015	G	1.67	0.09	H	7.3917	0.0015	0.012	101		7.36	7.41					1							S
19730	7.345	0.005	6.155	0.003		1.019	0.005	T	0.99	0.00	L	6.2131	0.0005	0.006	158		6.20	6.22					1							S
19731	10.855	0.046	9.204	0.019		1.378	0.020	G	1.35	0.02	H	9.1596	0.0014	0.014	101		9.13	9.20					1							
19732	7.071	0.005	7.180	0.006		−0.094	0.007	T	−0.08	0.01	L	7.1718	0.0010	0.010	116		7.15	7.19					1							S
19733	9.168	0.015	7.574	0.008		1.336	0.013	T	1.30	0.01	L	7.5657	0.0013	0.012	125		7.54	7.59					1							S
19734	10.144	0.033	9.877	0.040		0.254	0.049	T	0.29	0.06	L	9.9380	0.0023	0.024	96		9.90	9.98		C			1							G
19735	10.007	0.025	9.616	0.027		0.370	0.034	T	0.43	0.04	L	9.6219	0.0020	0.016	91		9.60	9.65		C			1							G
19736	7.731	0.010	6.368	0.007		1.143	0.004	G	1.01	0.04	E	6.4140	0.0016	0.008	39		6.40	6.43		C			1							S
19737	10.677	0.038	9.106	0.018		1.318	0.033	T	1.28	0.04	L	9.1351	0.0021	0.020	114		9.10	9.17		C			1							
19738	9.446	0.018	7.948	0.010		1.280	0.015	G	1.24	0.02	H	7.9798	0.0011	0.011	85		7.96	8.00		C			1							
19739						1.424	0.020	G	1.73	0.05	I	10.8967	0.0041	0.029	115		10.83	10.95		C			1							G
19740	5.944	0.017	4.978	0.007	A	0.799	0.019	G	0.86	0.02	A *	4.9876	0.0009	0.004	36	*	4.98	4.99		D	04139+0916	I 1	2 C	A	AB	343	1.242	0.011	2.25	0.04	S
19741	8.901	0.015	7.129	0.008		1.480	0.015	G	1.50	0.02	A	7.1152	0.0013	0.011	118		7.10	7.13					1							S
19742	9.547	0.021	9.235	0.023		0.296	0.029	T	0.34	0.04	L	9.2581	0.0024	0.020	91		9.22	9.30		C			1							
19743	8.263	0.008	7.081	0.005		1.013	0.007	T	0.99	0.01	L	7.1423	0.0010	0.009	146		7.13	7.16					1							S
19744	8.745	0.011	8.302	0.011	*	0.418	0.015	T	0.48	0.02	L *	8.3117	0.0011	0.012	116	*	8.29	8.33		D	04140+4235	I 1	2 C	A	AB	88	0.669	0.005	1.25	0.02	S
19745	8.425	0.012	8.238	0.013		0.179	0.017	T	0.20	0.02	L	8.2533	0.0013	0.011	95		8.23	8.27		C			1							S
19746	7.789	0.011	6.587	0.006		1.029	0.010	T	1.00	0.01	L	6.6322	0.0008	0.006	69		6.62	6.64		C			1							S
19747	5.268	0.002	3.981	0.002		1.085	0.037	G	1.09	0.02	A	4.0124	0.0003	0.004	124		4.01	4.02		C			1							S
19748	10.616	0.034	8.654	0.012		1.627	0.029	T	1.65	0.03	L	8.5757	0.0023	0.018	104		8.55	8.61					1							
19749	10.403	0.055	9.761	0.049		0.677	0.006	G	0.74	0.01	H	9.8339	0.0029	0.021	42		9.81	9.86		C			1							
19750	7.904	0.011	7.500	0.009		0.382	0.013	T	0.45	0.01	L	7.5455	0.0015	0.007	54		7.53	7.56		C			1							S
19751	8.586	0.008	7.311	0.005		1.080	0.015	G	1.02	0.02	A	7.3614	0.0010	0.011	155		7.34	7.38		C			1							S
19752	9.389	0.018	7.389	0.008		1.694	0.016	T	2.02	0.05	O	7.2740	0.0029	0.028	72		7.24	7.33		U 2			1							S
19753	10.801	0.050	8.903	0.018		1.576	0.042	T	1.59	0.04	L	8.9023	0.0026	0.020	79		8.87	8.94					1							
19754	10.736	0.056	10.159	0.052		0.539	0.068	T	0.61	0.07	L	10.2110	0.0027	0.021	70		10.18	10.24		C			1							G
19755	7.780	0.010	7.461	0.010		0.330	0.015	G	0.38	0.02	H	7.5080	0.0013	0.009	75		7.49	7.52		C			1							S
19756	10.382	0.055	9.742	0.049		0.594	0.064	T	0.66	0.06	L	9.8303	0.0033	0.021	46		9.79	9.87		C			1							
19757						1.210	0.020	G	1.17	0.02	H	11.2207	0.0070	0.033	35		10.93	11.27					1							G
19758	7.468	0.005	6.851	0.006	*	0.577	0.002	G	0.64	0.00	A *	6.8966	0.0010	0.009	104	*	6.88	6.91		D	04142−4608	I 1	2 C	A	BA	117	0.265	0.005	1.29	0.04	S
19759	8.080	0.009	7.600	0.008		0.483	0.010	G	0.55	0.01	H	7.6457	0.0010	0.012	130		7.62	7.67					1							S
19760	8.463	0.006	8.168	0.007		0.300	0.015	G	0.34	0.02	H	8.2160	0.0010	0.015	264		8.19	8.25		C			1							S
19761	8.778	0.013	8.416	0.014		0.358	0.015	G	0.42	0.02	H	8.4778	0.0015	0.012	83		8.46	8.50		C			1							
19762	12.103	0.183	10.829	0.105		1.079	0.169	T	1.04	0.14	L	10.8562	0.0130	0.101	62		10.67	10.96		U 2 C			1 V							G
19763	8.524	0.017	8.174	0.017		0.374	0.001	G	0.44	0.00	H	8.2315	0.0021	0.013	46		8.21	8.26		C			1							S
19764	11.183	0.047	8.746	0.012		2.007	0.039	T	2.04	0.04	L	8.3987	0.0037	0.041	170		8.34	8.47		U 2			1	S						
19765	9.481	0.016	9.035	0.016		0.434	0.018	T	0.50	0.02	L	9.0968	0.0019	0.016	118		9.06	9.12		C			1							
19766	9.917	0.020	8.188	0.010		1.442	0.018	T	1.44	0.03	L	8.1875	0.0017	0.014	134		8.16	8.21					1							
19767	7.561	0.011	6.820	0.012		0.677	0.004	G	0.74	0.00	H	6.8770	0.0010	0.007	34		6.87	6.89		D			1							S
19768	10.379	0.029	9.164	0.017		1.039	0.026	T	1.01	0.02	L	9.2206	0.0027	0.020	113		9.19	9.26					1							
19769	8.179	0.011	7.030	0.006		0.987	0.010	T	0.97	0.01	L	7.0831	0.0010	0.010	114		7.07	7.10					1							S
19770	9.119	0.009	7.463	0.004		1.385	0.008	T	1.36	0.01	L	7.4444	0.0009	0.013	284		7.42	7.46					1							S
19771	9.230	0.015	8.866	0.015		0.397	0.015	G	0.46	0.02	H	8.8964	0.0021	0.018	113		8.86	8.93		C			1							
19772	8.786	0.021	8.232	0.019		0.543	0.015	G	0.62	0.01	H	8.2947	0.0026	0.010	36		8.28	8.31					1							S
19773	8.596	0.011	8.118	0.011		0.501	0.001	G	0.57	0.00	H	8.1755	0.0012	0.011	95		8.16	8.20					1							S
19774	7.458	0.006	7.361	0.007		0.095	0.009	T	0.11	0.01	L	7.3819	0.0012	0.010	94		7.36	7.39					1							S
19775	9.902	0.024	9.199	0.020		0.635	0.024	T	0.70	0.02	L	9.2830	0.0031	0.031	111		9.23	9.34		U			1							
19776	9.470	0.018	8.878	0.017		0.553	0.018	T	0.63	0.02	L	8.9344	0.0020	0.016	94		8.91	8.96		C			1							
19777	6.350	0.004	4.985	0.002	*	1.156	0.003	T	1.12	0.00	L *	5.0352	0.0007	0.006	70	*	5.03	5.05		D	04144−1016	I 1	2 C	A	AB	145	6.404	0.014	3.61	0.08	S
19778	9.579	0.021	8.334	0.013		1.062	0.019	T	1.03	0.02	L	8.3743	0.0018	0.011	72		8.35	8.40		C			1							
19779	8.630	0.016	7.485	0.011	*	0.984	0.015	T	0.96	0.01	L *	7.5199	0.0012	0.009	51	*	7.49	7.55		D	04144+0140	H 1	2 C	A	AB	88	0.215	0.007	1.00	0.17	S
19780	4.489	0.002	3.438	0.002		0.915	0.006	G	0.91	0.02	A	3.4953	0.0006	0.005	111		3.49	3.50		M	04144−6228	I 1	1							S
19781	9.310	0.023	8.521	0.019		0.693	0.011	G	0.75	0.02	A	8.5833	0.0038	0.018	41		8.56	8.61					1							
19782	10.635	0.038	9.089	0.018		1.320	0.015	G	1.28	0.02	H	9.0753	0.0017	0.014	98		9.04	9.10					1							
19783	10.148	0.024	8.908	0.014		1.058	0.022	T	1.02	0.02	L	8.9557	0.0021	0.019	104		8.93	9.00		C			1							
19784	10.209	0.027	9.034	0.017		1.008	0.025	T	0.98	0.02	L	9.0895	0.0016	0.020	149		9.05	9.13		C			1							
19785	8.245	0.011	6.909	0.006		1.133	0.010	T	1.10	0.01	L	6.9348	0.0009	0.007	103		6.92	6.95		C			1							S
19786	8.871	0.022	8.147	0.019		0.640	0.001	G	0.70	0.00	H	8.1813	0.0057	0.021	31		8.15	8.21					1							S
19787	10.374	0.031	9.786	0.029		0.549	0.037	T	0.62	0.03	L	9.8897	0.0033	0.035	107		9.82	9.95					1							G
19788	10.028	0.048	8.906	0.032		0.943	0.014	G	1.01	0.02	A	8.9273	0.0022	0.014	41		8.91	8.97		D			1							
19789	7.550	0.007	7.096	0.007		0.424	0.006	G	0.49	0.01	H	7.1466	0.0009	0.007	91		7.14	7.16		C			1							S
19790	9.377	0.016	7.431	0.007		1.580	0.083	G	1.95	0.02	A	7.3204	0.0018	0.018	108		7.30	7.35		U 2			1							S
19791	10.128	0.027	8.702	0.015		1.204	0.024	T	1.16	0.02	L	8.7560	0.0014	0.014	96		8.73	8.78		C			1							
19792	8.896	0.016	8.471	0.016		0.388	0.014	G	0.45	0.01	H	8.5259	0.0024	0.012	63		8.50	8.55		C			1							
19793	8.857	0.014	8.148	0.012		0.657	0.007	G	0.70	0.02	A	8.1839	0.0019	0.017	99		8.16	8.21					1							S
19794	10.236	0.026	8.882	0.014		1.147	0.023	T	1.11	0.02	L	8.9273	0.0025	0.021	117		8.90	8.96					1							
19795	11.015	0.053	9.313	0.021		1.421	0.045	T	1.41	0.07	L	9.3029	0.0017	0.020	121		9.26	9.33					1							
19796	7.714	0.010	7.164	0.009		0.514	0.008	G	0.57	0.02	A	7.2171	0.0012	0.008	41		7.21	7.23		C			1							S
19797	9.693	0.021	9.311	0.022		0.362	0.028	T	0.42	0.03	L	9.3273	0.0022	0.016	94		9.30	9.36		C			1							
19798	9.623	0.024	8.834	0.019		0.700	0.023	T	0.76	0.02	L	8.9403	0.0023	0.015	111		8.91	8.97					1 G							
19799	5.100	0.003	5.199	0.004		−0.085	0.004	T	−0.07	0.01	L	5.1933	0.0006	0.003	36		5.18	5.20					1							S
19800	9.894	0.021	7.938	0.009		1.622	0.018	T	1.64	0.02	L	7.8954	0.0019	0.018	113		7.87	7.92					1							S

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α deg (ICRS) (8)	δ deg (9)	(10)	Par. π mas (11)	$\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	F1 % (29)	F2 (30)
19801		04 14 38.29	+00 41 22.2	9.35		H	63.659 546 47	+00.689 508 87		5.72	40.38	13.66	1.38	0.90	1.55	1.29	1.04	−4	+50	−24	+9	+9	−5	−1	+12	−17	+19	0	−0.16
19802		04 14 43.57	+71 12 55.6	8.03		H	63.681 545 20	+71.215 434 78		3.82	6.94	−5.14	0.45	0.60	0.80	0.45	0.69	−23	+31	−15	−10	−2	−2	+4	−1	+20	−16	0	−0.24
19803		04 14 47.00	+26 28 15.3	9.82		H	63.695 818 32	+26.470 904 90		6.98	33.36	−21.64	1.40	0.87	1.47	1.88	1.19	+0	+5	+5	+30	−32	−30	−35	+29	−10	−4	0	0.29
19804		04 14 47.92	−10 34 07.2	8.10		H	63.699 678 62	−10.568 655 51		3.80	5.53	−0.43	0.88	0.82	1.20	1.04	1.19	+32	+26	−18	+12	+1	−11	−10	+9	−31	+38	0	1.21
19805		04 14 48.55	−62 11 31.4	5.45		G	63.702 288 30	−62.192 049 42		12.21	−2.96	97.94	0.47	0.43	0.48	0.44	0.46	−6	−2	−5	−46	+10	+11	+4	−15	−1	+19	0	0.13
19806	H	04 14 49.43	−40 45 16.8	9.28		H	63.705 963 96	−40.754 677 10	A	7.91	47.06	33.44	1.82	2.03	2.05	1.85	1.89	−1	−8	+1	−24	−4	+6	−6	−32	+7	−7	5	0.56
19807		04 14 51.34	−25 00 40.0	9.16		H	63.713 902 76	−25.011 123 31		11.30	23.73	−37.98	0.63	0.97	1.40	0.76	1.24	−7	+5	−8	−1	+4	−4	+4	+5	−15	−9	2	0.97
19808		04 14 51.86	+13 03 18.0	10.69		G	63.716 101 49	+13.054 999 37		22.67	114.46	−19.28	2.08	1.64	2.30	3.24	2.93	+41	+31	+0	−13	−14	+22	−10	−12	+19	+64	0	0.25
19809		04 14 52.00	−05 23 47.6	8.46		H	63.716 659 34	−05.396 568 60		18.55	50.54	31.15	0.90	0.77	1.10	1.29	1.35	+58	+4	−13	+3	+3	−9	+3	−3	−13	+56	2	0.85
19810		04 14 52.07	+37 32 33.6	6.31		H	63.716 972 89	+37.542 680 34		7.78	−8.90	−4.28	0.79	0.55	0.90	0.95	0.80	+19	+25	−15	−4	−12	+6	−18	+13	−12	+36	0	0.27
19811		04 14 53.31	+40 29 01.4	4.67	1	H	63.722 125 66	+40.483 723 94		5.20	9.72	−21.58	0.87	0.56	1.05	0.97	0.93	−12	+56	−19	−17	+4	−30	−21	+17	−32	+55	0	1.69
19812		04 14 53.86	+48 24 33.7	4.12		H	63.724 407 22	+48.409 373 12		4.51	5.04	−17.35	0.63	0.45	0.76	0.80	0.57	+2	+15	−15	+1	−17	−15	−18	+24	+6	+2	0	−0.79
19813		04 14 57.14	+51 13 56.3	8.79		H	63.738 098 64	+51.232 296 83		3.26	2.04	−2.80	1.15	0.75	1.41	1.77	1.22	−29	+27	−26	+25	−21	+22	−20	+38	−31	−50	0	1.91
19814		04 14 57.73	−05 37 50.5	10.60		G	63.740 553 57	−05.630 698 35		24.27	592.25	197.60	18.57	16.40	23.10	24.74	25.97	+55	+1	−26	−11	−7	+9	−3	−4	−10	+59	0	
19815		04 14 58.27	+36 30 07.4	7.52		H	63.742 780 29	+36.502 062 48		3.02	22.63	−32.28	0.84	0.59	0.94	0.89	0.79	+30	+34	−13	−2	−1	+14	−8	+21	+2	+57	0	−0.22
19816		04 14 58.83	−00 59 50.6	7.99		H	63.745 128 86	−00.997 390 40		2.74	12.37	−25.17	1.00	0.58	1.05	1.27	0.96	+45	+28	+3	+1	−10	−17	−19	+6	−24	+28	2	−0.77
19817		04 14 58.94	−14 24 19.7	9.09		H	63.745 574 13	−14.405 458 61		7.67	−1.00	38.11	1.25	1.06	1.46	1.54	1.37	+39	+36	+32	+44	+39	+16	+47	+61	+33	+12	0	1.04
19818		04 14 59.30	+05 10 39.9	9.56		H	63.747 064 92	+05.177 746 88		13.12	80.24	−45.94	1.87	1.38	2.04	2.22	1.91	+12	+32	−27	+8	−37	+8	−35	−19	−1	+38	0	0.17
19819		04 14 59.85	+30 50 12.6	9.04		H	63.749 393 44	+30.836 823 51		2.28	−0.76	−12.50	1.11	0.82	1.42	1.34	1.23	+41	+8	−25	+4	+16	−4	+9	+45	−46	+43	0	−1.91
19820		04 15 00.30	−16 10 50.4	6.94		H	63.751 264 31	−16.180 654 89		14.51	−21.32	−31.63	0.77	0.60	0.85	0.97	0.83	+10	+22	+10	+42	+6	+1	+6	+43	−3	−16	0	1.49
19821		04 15 00.94	+10 44 53.4	7.69		H	63.753 896 66	+10.748 165 57		8.03	−8.82	−12.37	0.92	0.72	1.06	1.22	1.10	+20	+12	−13	−2	−7	+27	−4	+4	+26	+45	0	0.45
19822		04 15 01.03	+15 44 15.9	10.02		H	63.754 297 15	+15.737 763 81		5.32	19.75	−15.91	1.77	1.20	2.00	1.96	1.49	+11	+47	−16	+1	+15	−22	+2	+23	−20	+18	0	−0.74
19823		04 15 01.80	+57 27 37.3	6.06		H	63.757 493 46	+57.460 362 62		2.49	−3.09	−0.49	0.54	0.50	0.70	0.70	0.67	+5	+9	−13	+36	−14	+6	−18	+49	−12	+24	2	−0.40
19824		04 15 02.55	−40 03 18.8	8.11		H	63.760 638 72	−40.055 229 63		7.21	15.95	38.89	0.59	0.67	0.79	0.68	0.79	−2	+3	−19	−10	+15	+5	+16	−8	+18	+19	3	−1.99
19825		04 15 03.07	+07 24 51.6	8.37		G	63.762 772 04	+07.414 320 84		10.46	−8.18	−22.51	1.04	0.77	1.08	1.17	0.94	+1	+36	−13	+32	−2	−11	−8	+39	−14	+10	0	1.14
19826		04 15 05.39	−53 00 32.6	8.78	2	H	63.772 466 61	−53.009 043 94		−0.47	9.99	−6.45	0.72	0.82	0.85	1.02	1.05	−3	−13	−15	+7	−9	+11	−6	−9	−13	−11	0	−1.86
19827		04 15 06.07	−30 04 19.0	7.77		H	63.775 287 88	−30.071 953 70	A	6.52	20.39	−3.01	1.07	1.27	1.35	1.10	1.48	−6	−4	−16	+16	−13	+14	−7	+4	−8	+14	3	1.53
*19828		04 15 06.31	−30 04 29.5	9.81		H	63.776 309 46	−30.074 867 75	B	6.05	19.95	9.53	7.88	10.70	6.22	5.94	8.34	−8	−4	−26	+14	−17	+24	−8	+4	−3	+15	3	1.53
*19829		04 15 06.30	+24 18 36.7	8.86		H	63.776 229 67	+24.310 182 63		4.85	17.70	−22.30	1.01	0.68	1.23	1.07	0.94	+19	+24	−25	−13	+10	−9	+0	+23	−36	+29	0	−0.82
19830		04 15 06.82	+03 14 47.5	7.49		H	63.778 397 14	+03.246 525 59		8.65	−6.25	−7.78	0.93	0.77	1.23	1.64	1.31	+2	+14	−34	+7	−25	+52	−5	−12	+32	+34	0	1.78
19831		04 15 08.55	+03 57 26.8	7.70		H	63.785 630 08	+03.957 431 60		6.93	24.63	−13.30	0.87	0.79	1.17	1.21	1.05	−3	+27	−49	+15	−33	+41	−4	−23	+32	+41	4	2.70
19832		04 15 09.48	−04 25 05.1	9.38		G	63.789 483 41	−04.418 092 53		48.95	95.84	−92.18	3.45	2.78	4.49	5.28	4.45	+59	−10	−13	+7	+13	−12	+13	+10	−30	+33	0	
19833	H	04 15 09.75	+51 14 49.1	9.61		G	63.790 612 08	+51.246 963 51	*	1.83	4.80	−2.49	2.25	1.71	2.17	2.39	1.71	−21	+23	−16	+14	−20	+28	−18	+31	−37	−50	1	−0.95
*19834		04 15 10.34	+14 23 54.6	11.56		G	63.793 082 98	+14.398 499 14		31.94	118.87	−11.92	3.03	2.39	3.74	4.67	3.97	+6	+2	−33	+2	−31	+45	−19	−16	+41	+44	6	−1.36
*19835		04 15 10.30	+29 54 08.9	7.11		G	63.792 924 59	+29.902 463 78		14.70	137.59	−167.94	0.88	0.58	0.98	1.03	0.75	+32	+42	+14	+3	−15	−17	−16	+20	−12	+21	3	0.45
19836	H	04 15 11.07	−37 11 48.8	6.76		H	63.796 141 60	−37.196 900 64	A	6.01	−20.53	2.59	1.84	0.92	0.74	0.63	0.70	+1	+2	+9	−6	−11	+16	−7	−27	+7	−15	3	−0.20
19837		04 15 11.37	−19 59 20.8	9.33		H	63.797 372 54	−19.989 109 62		2.16	2.62	−2.06	0.86	1.00	1.36	1.00	1.61	+8	+11	−9	−10	+54	−15	+40	+56	−13	+44	0	1.68
19838		04 15 11.60	−38 17 42.4	7.06		H	63.798 329 33	−38.295 098 18		8.85	−23.30	69.93	0.49	0.57	0.67	0.57	0.73	+1	+0	−7	−19	+5	+6	+4	−9	+14	+17	2	1.86
19839		04 15 12.56	−16 11 47.5	8.36		H	63.802 323 86	−16.196 539 45		6.73	−31.70	5.37	0.91	0.82	1.19	1.16	1.08	+8	+20	−20	+31	+21	+3	+15	+43	−32	−5	0	0.69
19840		04 15 12.60	−31 47 23.0	8.16		H	63.802 519 15	−31.789 727 45		2.71	19.96	−25.11	0.60	0.63	0.89	0.64	0.77	−6	+7	−1	+15	−13	+21	−16	+6	−18	−4	0	0.11
19841		04 15 13.61	+76 17 19.0	8.19		G	63.806 713 44	+76.288 597 56		37.87	42.56	−241.15	0.53	0.64	0.80	0.57	0.71	−10	+13	+7	−15	+9	+16	+10	+10	−2	−18	0	−0.33
19842		04 15 13.80	+54 57 50.4	8.18		H	63.807 484 48	+54.963 996 55		15.30	−5.73	−38.25	1.66	1.23	2.01	1.70	1.39	−13	+23	−14	−13	−3	+15	−5	+8	−12	−10	0	
19843		04 15 14.08	+44 46 04.4	7.23		H	63.808 653 56	+44.767 880 56		1.77	10.66	−17.88	0.73	0.53	1.02	0.80	0.77	+9	+20	−31	−10	+11	+12	−1	+33	−26	+43	0	−0.56
19844		04 15 14.65	+75 49 12.7	8.61		H	63.811 037 29	+75.820 200 24		5.33	−18.77	−10.99	0.57	0.67	0.85	0.57	0.74	−20	+20	−4	−20	+8	+9	+8	−2	−2	−21	0	−0.05
19845		04 15 15.51	+77 44 05.6	9.95		H	63.814 634 39	+77.734 895 81		1.28	−6.40	−5.89	0.88	1.01	1.27	0.89	1.12	−8	+28	+7	−20	+5	+2	+7	−12	+10	−9	4	1.74
19846		04 15 15.63	−34 23 10.2	8.80		H	63.815 107 63	−34.386 178 11		0.25	−3.32	16.66	0.68	0.80	0.98	0.76	0.94	−13	+2	+7	−3	+1	−3	−1	+16	+9	−6	0	−1.18
19847		04 15 17.42	+18 37 31.4	9.30		H	63.822 596 64	+18.625 380 74		9.15	−11.21	17.14	1.56	1.12	1.86	1.84	1.36	+6	+36	−31	+9	−13	+25	−8	+18	+0	+31	0	1.09
19848		04 15 17.43	−54 51 52.2	8.94		H	63.822 624 38	−54.864 511 01		1.59	10.21	9.96	0.74	0.79	0.85	0.96	0.97	−1	+3	−11	−7	−3	+3	−4	−8	−24	−12	1	−0.25
19849		04 15 17.64	−07 38 40.4	4.43	1	G	63.823 492 30	−07.644 558 46		198.24	−2239.33	−3419.86	0.67	0.50	0.84	0.79	0.73	+31	+40	+8	+17	+7	+1	−7	+10	−31	+16	0	1.31
19850		04 15 18.77	+08 25 45.4	8.80		G	63.828 225 56	+08.429 290 03		4.41	6.22	−13.89	1.27	0.91	1.37	1.54	1.12	+8	+35	+2	+18	+6	−29	+6	+42	−5	−3	0	−0.54
19851		04 15 20.16	−29 34 35.8	9.97		G	63.833 982 47	−29.576 599 60		10.88	−7.98	−239.53	0.97	1.24	1.71	1.00	1.48	−16	+7	−21	+9	−4	+2	−6	+18	−24	+4	1	1.95
19852		04 15 22.35	+51 11 26.2	9.91	2	G	63.843 138 76	+51.190 602 74		1.83	1.50	−1.13	1.43	1.03	1.88	2.20	1.72	−25	+31	−20	+17	−21	+23	−17	+43	−31	−49	2	0.41
19853	H	04 15 24.12	+24 04 42.5	7.90	2	H	63.850 510 77	+24.078 485 38	*	3.79	3.73	−3.24	0.90	0.57	1.05	1.11	0.88	+21	+28	−10	+7	+4	−9	−3	+34	−31	+11	2	1.40
19854		04 15 25.36	−53 36 08.3	8.14		H	63.855 651 93	−53.602 303 65		10.47	85.13	39.70	0.64	0.65	0.72	0.72	0.85	−13	+8	−13	−5	+2	+9	+5	−14	+23	−13	1	0.40
19855		04 15 25.85	+06 11 59.7	6.94		G	63.857 695 67	+06.199 925 50		47.86	−101.62	−112.85	0.90	0.77	1.15	1.16	1.15	+20	+31	−38	+4	−10	+1	−6	−8	+17	+60	0	0.88
19856		04 15 26.75	−16 26 42.6	6.87		H	63.861 476 08	−16.445 178 16		2.67	−5.63	1.85	0.81	0.63	0.86	0.94	0.83	−12	+32	+0	+56	−10	+3	−13	+52	−9	−26	0	−1.61
19857		04 15 27.07	+04 00 33.8	7.35		H	63.862 776 64	+04.009 381 56		8.03	11.86	−0.63	0.84	0.79	1.13	1.20	1.07	+1	+19	−48	+18	−33	+40	−9	−15	+30	+39	0	3.16
19858		04 15 28.41	−61 12 41.4	9.00		H	63.868 372 77	−61.211 501 34		1.81	7.98	5.78	0.77	0.72	0.80	0.78	0.88	−3	+7	−13	−38	+11	+0	+8	−12	+3	+20	1	0.68
19859		04 15 28.86	+06 11 13.6	6.32		G	63.870 270 30	+06.187 121 33		47.20	−109.37	−108.35	0.86	0.71	1.08	1.12	1.12	+21	+35	−34	+1	−11	+0	−7	−8	+15	+61	0	0.71
19860		04 15 32.05	+08 53 32.7	4.27		H	63.883 521 73	+08.892 409 89		7.50	20.39	−21.75	0.97	0.67	1.13	1.04	0.78	+25	+52	+22	+13	+2	−40	+11	+54	−1	+8	4	−0.84
19861		04 15 32.20	+58 31 22.1	8.71	1	H	63.884 170 10	+58.522 801 99		35.81	186.02	−218.92	0.98	0.86	1.28	1.18	1.08	−32	+28	−21	+54	−47	+34	−46	+53	−9	−29	0	−0.34
19862		04 15 33.61	+15 42 22.8	10.96		H	63.890 061 44	+15.706 322 79		31.11	112.78	−25.84	2.54	1.85	2.76	2.98	2.43	+24	+45	−8	−11	+3	−4	+2	+1	−1	+32	3	1.49
19863		04 15 36.05	+41 52 09.8	7.85		H	63.900 228 11	+41.869 381 37		7.83	25.01	12.52	0.93	0.54	1.28	0.95	0.85	−2	+48	−21	−4	+18	+9	−11	+43	−26	+44	0	−1.25
19864		04 15 36.18	−28 23 45.2	9.39		H	63.900 737 61	−28.395 900 30		2.27	14.02	−12.93	0.76	0.88	1.26	0.83	1.23	−8	+21	−8	−3	−7	−4	−13	+11	−25	−8	1	0.25
19865		04 15 36.96	+66 26 44.6	9.40		H	63.903 995 77	+66.445 730 23		14.50	178.15	−124.51	0.82	1.01	1.54	0.99	1.33	−2	+19	+11	−10	−9	−4	−11	+17	+8	+10	0	0.28
19866		04 15 37.67	−59 49 27.9	10.03		H	63.906 973 67	−59.824 405 93		4.77	20.88	6.94	0.93	0.92	0.99	0.99	1.10	+1	+17	−10	−5	+18	−17	+17	+4	+0	+17	0	0.91
19867		04 15 37.89	+00 00 14.1	7.91		G	63.907 855 42	+00.003 907 20		9.42	18.44	26.29	0.88	0.67	0.97	0.95	0.81	+9	+39	−19	+17	−9	+4	−10	+1	−8	+25	0	−0.02
19868		04 15 40.36	−30 33 23.3	8.78		H	63.918 162 86	−30.556 466 26		3.35	1.82	−6.13	0.69	0.84	1.14	0.72	0.99	+2	+5	−15	+3	−8	+3	−10	+5	−18	+17	0	1.68
19869		04 15 41.34	−56 31 20.4	8.72		H	63.922 249 63	−56.522 343 64		14.29	8.64	−96.16	0.66	0.66	0.72	0.87	0.81	+1	+5	+4	−4	−10	−13	−7	+15	−7	−10	0	0.50
19870		04 15 42.37	+20 49 11.6	7.83		G	63.926 535 33	+20.819 883 09		19.48	111.21	−36.57	0.90	0.65	0.99	1.07	0.78	+35	+18	−5	+12	+9	−15	+9	+34	−12	+22	0	1.48
19871		04 15 43.05	−08 38 13.3	7.80		H	63.929 364 97	−08.637 018 22		2.96	19.01	−30.78	0.83	0.71	0.98	1.02	0.93	+25	+16	−31	+30	+8	−7	+1	+26	−20	+27	0	0.58
19872		04 15 44.31	−32 58 56.2	9.34		H	63.934 608 40	−32.982 265 18		4.02	4.80	14.47	0.78	0.98	1.25	0.85	1.23	−16	+11	−20	+0	−7	+2	−12	+30	−12	−2	0	−1.26
19873		04 15 44.55	−03 31 42.6	8.90		H	63.935 637 93	−03.528 496 23		3.74	−8.64	−1.31	1.01	0.77	1.19	1.69	1.59	+66	+23	+3	+6	+18	−31	+15	+28	−23	+66	4	−1.36
19874	H	04 15 44.95	+45 23 39.5	8.02		H	63.937 271 77	+45.394 299 97	A	10.53	126.84	−203.64	2.58	1.77	2.84	2.41	1.87	−5	+17	−24	+3	−8	+14	−11	+40	−12	+6	2	1.52
19875		04 15 45.03	−45 58 09.2	8.92		G	63.937 618 97	−45.969 222 34		20.47	243.27	−123.09	0.71	0.74	0.85	0.78	0.83	−4	+3	−1	+13	−5	+4	−3	+1	−9	+12	0	−1.36
19876		04 15 45.63	+31 23 50.5	8.05		H	63.940 112 57	+31.397 364 08		5.57	23.40	−11.55	0.93	0.79	1.10	1.08	1.12	+46	+21	−24	+18	+45	−17	+24	+65	−36	+68	0	0.17
19877		04 15 46.21	+15 24 02.7	6.31		H	63.942 560 20	+15.400 748 74		22.51	114.38	−22.07	0.74	0.55	0.82	0.85	0.69	+5	+39	−26	+8	+7	+0	+12	+10	+15	+18	0	−0.42
19878		04 15 46.29	−23 14 16.1	6.73		H	63.942 884 11	−23.237 804 77		9.41	37.46	31.23	0.53	0.52	0.77	0.68	0.70	−27	+21	−8	−14	+16	+3	+15	+0	−14	−40	0	−0.78
19879		04 15 46.86	−18 38 25.7	7.05		H	63.945 266 97	−18.640 481 36		5.76	−4.79	20.59	0.76	0.60	0.84	0.98	0.91	−27	+8	−8	+58	−12	−12	−11	+57	−12	−16	0	1.97
19880		04 15 50.97	−55 38 46.6	8.72		H	63.962 360 50	−55.646 284 83		2.02	15.65	−18.85	0.74	0.72	0.79	0.90	0.85	−21	+9	−9	−12	+0	−19	+0	+3	−3	−33	0	0.22
19881		04 15 51.69	−22 09 04.8	6.93		H	63.965 378 84	−22.151 333 25		9.82	−13.07	−34.75	0.50	0.47	0.74	0.51	0.57	−32	+31	−17	−36	+18	−14	+11	−2	−10	−19	1	−0.39
19882		04 15 52.76	−09 57 35.9	8.40		H	63.969 816 06	−09.959 962 72		2.41	1.04	−6.52	1.06	0.84	1.35	1.20	1.32	+34	+44	+0	+11	+13	+3	+1	+19	−25	+38	0	1.90
19883	H	04 15 55.72	+31 41 35.5	7.32		H	63.982 187 32	+31.693 193 70	A	10.08	5.84	−50.17	3.09	1.91	2.94	3.86	2.67	+50	−4	−34	−10	−3	+1	−10	+27	−38	+50	1	1.39
19884		04 15 56.14	−53 18 38.8	7.64		G	63.983 898 79	−53.310 771 21		76.46	784.91	396.09	0.58	0.58	0.63	0.72	0.79	−7	+2	−6	−10	−7	+8	−7	−8	+11	−21	0	−0.30
19885	H	04 15 56.33	−31 59 17.5	8.64		H	63.984 707 13	−31.988 187 43	A	10.03	23.88	39.80	0.86	1.05	1.16	0.86	1.22	−5	+10	+0	+6	−5	+1	−11	+24	−1	+12	3	−0.23
19886		04 15 57.16	+12 05 58.0	10.73		H	63.988 168 31	+12.099 450 10		0.94	30.56	−20.18	2.30	1.58	2.56	2.72	2.16	+5	+42	−25	−8	+13	−4	+9	+19	−3	+27	5	0.84
19887		04 15 58.06	−24 30 21.4	8.58		H	63.991 907 00	−24.505 957 33		4.25	58.85	64.81	0.50	0.77	1.20	0.61	1.10	+0	+0	−14	−1	+17	−7	+17	+10	−28	+11	1	0.75
19888		04 15 58.48	+59 56 27.3	8.78		H	63.993 655 03	+59.940 907 47		2.22	−0.54	1.64	0.64	0.68	0.98	0.76	0.82	+1	+17	−28	+16	−4	+14	−3	+23	−6	+22	0	−0.47
19889	H	04 15 58.55	−24 00 29.9	8.62		H	63.993 955 69	−24.008 301 77	A	9.70	44.42	49.91	0.83	1.15	1.64	0.92	1.39	+4	+6	−12	+2	+10	+1	+14	+4	−23	+2	1	1.17
19890		04 15 58.95	−84 10 52.9	6.99		H	63.995 640 53	−84.181 347 94		6.17	78.46	48.82	0.49	0.54	0.59	0.57	0.72	−9	+19	−28	−3	−7	−3	−4	−23	+13	+7	0	0.08
19891		04 15 59.24	+39 16 29.3	9.45		H	63.996 847 67	+39.274 815 98		2.01	4.37	−13.24	1.22	1.00	1.43	1.43	1.30	+11	+5	−30	−4	+30	+9	+16	+56	−19	+44	0	0.45
19892	H	04 16 01.42	+00 27 14.2	7.16		G	64.005 933 15	+00.453 951 18	A	6.14	24.25	−22.07	1.25	0.88	1.26	1.18	0.95	−3	+50	−27	−1	−8	−5	−15	−12	−18	+15	1	−0.40
19893		04 16 01.49	−51 29 13.5	4.26	1	H	64.006 214 26	−51.487 095 78		49.26	100.57	184.23	0.45	0.46	0.50	0.46	0.50	−6	−10	−6	−8	−7	+14	−7	−10	+9	+7	0	−1.20
19894		04 16 01.88	−35 15 56.5	8.05		G	64.007 819 75	−35.265 699 25		14.07	52.09	−73.23	0.55	0.62	0.78	0.60	0.79	−10	+4	−17	−20	+5	+0	+5	−10	+8	+5	0	1.07
19895	H	04 16 02.12	+30 02 09.3	7.64		H	64.008 848 71	+30.035 902 80	A	6.40	−2.55	−53.44	1.30	0.85	1.33	1.42	1.03	+23	+27	+5	+23	+1	+15	−9	+44	−13	+27	1	−0.54
19896		04 16 03.85	+07 33 40.6	8.89		H	64.016 050 04	+07.561 275 32		5.97	35.38	−0.73	1.18	0.89	1.27	1.43	1.17	+4	+21	−17	+28	−12	−5	−12	+16	+4	+20	0	0.27
19897		04 16 03.87	−14 55 48.9	8.06		H	64.016 144 93	−14.930 250 87		3.74	−16.34	−58.87	0.95	0.80	1.18	1.33	1.03	+17	+32	+22	+23	+26	+22	+24	+35	+5	−12	0	−0.91
19898		04 16 05.95	−39 37 11.8	8.06		H	64.024 783 79	−39.619 937 30		3.98	14.07	1.59	0.57	0.71	0.80	0.65	0.80	+0	−9	−32	−7	+10	−1	+8	−2	+11	+14	0	−0.62
19899		04 16 06.56	+00 35 52.0	7.87		H	64.027 332 27	+00.597 780 13		3.43	6.52	7.44	0.91	0.66	1.00	0.94	0.79	−2	+45	−18	+17	−10	+1	−10	+0	−5	+15	0	1.01
19900		04 16 09.09	−42 37 33.6	8.30		H	64.037 874 80	−42.625 998 04		8.06	−7.06	51.51	0.58	0.61	0.71	0.63	0.68	+15	+14	+1	+11	+5	−5	+3	+17	−7	+32	0	0.87

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
19801	9.911	0.036	9.447	0.036		0.437	0.047	T	0.51	0.05	L	9.4501	0.0026	0.017	50		9.41	9.48					1							
19802	8.164	0.006	8.049	0.007		0.111	0.009	T	0.12	0.01	L	8.0767	0.0010	0.014	201		8.06	8.10		C			1							S
19803	10.370	0.041	9.866	0.042		0.474	0.053	T	0.55	0.06	L	9.9218	0.0022	0.019	68		9.89	9.95		C			1							G
19804	9.330	0.019	8.223	0.013		0.955	0.018	T	0.94	0.01	L	8.2632	0.0021	0.014	73		8.24	8.29		C			1							
19805	6.889	0.005	5.577	0.003		1.106	0.004	G	1.07	0.04	E	5.6109	0.0005	0.005	117		5.60	5.62		C	04148−6212	I 1	1							S
19806	10.057	0.026	9.432	0.024	*	0.577	0.026	T	0.65	0.02	L	*	9.4083	0.0024	0.022	101	*	9.37	9.44		D	04148−4045	H 1	2 C A	AB	157	0.590	0.007	1.30	0.04	
19807	9.935	0.020	9.189	0.016		0.667	0.019	T	0.73	0.02	L		9.2942	0.0020	0.027	179		9.24	9.35					1							S
19808	12.243	0.290	10.958	0.147		1.204	0.008	G	1.16	0.01	H		10.8240	0.0040	0.027	45		10.78	10.86		C			1							G
19809	9.095	0.013	8.512	0.012		0.545	0.016	T	0.62	0.01	L		8.5790	0.0014	0.013	92		8.55	8.60		C			1							
19810	7.527	0.009	6.415	0.005		0.958	0.008	T	0.95	0.01	L		6.4708	0.0009	0.005	57		6.46	6.48					1							S
19811	5.921	0.004	4.793	0.003		1.007	0.007	G	1.07	0.03	C		4.8418	0.0013	0.009	99		4.83	4.85		M			1 G							S
19812	5.334	0.002	4.253	0.002		0.935	0.002	T	0.93	0.00	L		4.2870	0.0005	0.005	89		4.28	4.29			04149+4824	I 1	1							S
19813	9.010	0.014	8.776	0.015		0.220	0.015	G	0.24	0.02	H		8.8593	0.0018	0.013	92		8.84	8.88					1							D
19814						0.705	0.008	G	0.75	0.01	H		10.7530	0.0034	0.025	91		10.72	10.80		C			1 X							G G
19815	7.817	0.009	7.546	0.009		0.258	0.012	T	0.29	0.01	L		7.5931	0.0012	0.009	80		7.58	7.61		C			1							S
19816	9.169	0.013	8.091	0.009		0.933	0.012	T	0.93	0.01	L		8.1519	0.0009	0.008	98		8.13	8.17					1							S
19817	9.916	0.025	9.143	0.021		0.688	0.025	T	0.75	0.02	L		9.2220	0.0023	0.020	88		9.19	9.26		C			1							
19818	10.251	0.050	9.576	0.044		0.625	0.055	T	0.69	0.05	L		9.6924	0.0023	0.015	35		9.66	9.72		D			1							
19819	9.227	0.021	9.052	0.024		0.168	0.030	T	0.18	0.03	L		9.0997	0.0027	0.014	71		9.08	9.12		C			1							
19820	7.893	0.009	7.020	0.006		0.780	0.008	T	0.82	0.01	L		7.0885	0.0013	0.011	78		7.07	7.11					1							S
19821	7.969	0.010	7.730	0.011		0.228	0.014	T	0.25	0.02	L		7.7611	0.0010	0.007	50		7.75	7.78		D			1							S
19822	10.696	0.055	10.045	0.047		0.604	0.061	T	0.67	0.05	L		10.1456	0.0032	0.024	54		10.10	10.20		C			1							G
19823	6.787	0.004	6.140	0.004		0.600	0.005	T	0.67	0.00	L		6.1912	0.0006	0.006	123		6.18	6.20		C			1							S
19824	8.500	0.009	8.139	0.009		0.322	0.002	G	0.37	0.00	H		8.1913	0.0018	0.017	118		8.16	8.21					1							S
19825	8.957	0.018	8.443	0.018		0.529	0.015	G	0.60	0.02	H		8.4855	0.0021	0.015	54		8.46	8.51					1							S
19826	10.653	0.036	9.047	0.017		1.369	0.033	T	3.34	0.07	O		8.5654	0.0183	0.152	100		8.31	8.81		U 2			1 S							P
19827	7.819	0.007	7.767	0.008	A	0.047	0.010	T	0.06	0.01	L		7.7912	0.0053	0.029	149	A	7.76	7.85		D	04151−3004	I 2	1 C P A							S
19828	10.055	0.028	9.678	0.031	B	0.357	0.039	T	0.42	0.04	L		10.0022	0.0340			B				D	04151−3004	I 2	1 C I A							
19829	9.240	0.020	8.918	0.021		0.306	0.027	T	0.35	0.04	L		8.9336	0.0011	0.008	67		8.92	8.95					1							
19830	7.620	0.008	7.500	0.016		0.116	0.017	T	0.13	0.02	L		7.5355	0.0020	0.011	43		7.50	7.56					1							
19831	7.799	0.011	7.707	0.009		0.090	0.013	T	0.10	0.01	L		7.7385	0.0017	0.008	45		7.72	7.75		C			1							
19832	10.883	0.053	9.517	0.026		1.209	0.006	G	1.35	0.01	I		9.4579	0.0021	0.017	101		9.43	9.48		C			1 X							
19833	9.839	0.026	9.580	0.031	*	0.240	0.015	G	0.27	0.02	H	*	9.7356	0.0027	0.022	93	*	9.69	9.77		D	04152+5115	I 1	2 C A	AB	254	0.296	0.010	0.78	0.13	D
19834						1.363	0.010	G	1.33	0.01	I		11.6311	0.0124	0.052	37		11.54	11.71					1							G
19835	8.523	0.011	7.253	0.007		1.070	0.015	G	1.13	0.02	I		7.2975	0.0010	0.007	72		7.28	7.31					1							S
19836	6.925	0.004	6.782	0.005	*	0.130	0.006	T	0.14	0.01	L	*	6.8097	0.0009	0.009	123	*	6.80	6.83		D	04152−3712	H 1	2 C A	AB	90	0.311	0.016	3.20	0.17	S
19837	10.618	0.025	9.476	0.015		0.982	0.023	T	0.96	0.02	L		9.4859	0.0023	0.034	210		9.44	9.54					1							
19838	8.217	0.009	7.166	0.006		0.910	0.015	G	0.91	0.01	I		7.2237	0.0012	0.010	116		7.21	7.24					1							S
19839	8.679	0.011	8.396	0.012		0.299	0.015	G	0.34	0.02	H		8.4333	0.0019	0.016	79		8.41	8.46		C			1							S
19840	9.598	0.016	8.271	0.009		1.123	0.020	G	1.10	0.02	A		8.3248	0.0017	0.016	154		8.30	8.35					1							
19841	9.254	0.012	8.251	0.009		0.840	0.020	G	0.88	0.02	H		8.3236	0.0013	0.015	157		8.29	8.35					1							S
19842	8.820	0.012	8.238	0.011		0.564	0.015	G	0.64	0.01	H		8.2974	0.0013	0.013	99		8.27	8.33		C			1 X							
19843	7.503	0.008	7.249	0.008		0.242	0.011	T	0.27	0.01	L		7.2972	0.0016	0.011	81		7.28	7.31					1							S
19844	9.210	0.011	8.671	0.010		0.505	0.013	T	0.58	0.01	L		8.7218	0.0014	0.018	171		8.69	8.75		C			1							
19845	11.712	0.079	10.096	0.031		1.353	0.067	T	1.32	0.08	L		10.1096	0.0027	0.029	139		10.06	10.16					1							G
19846	10.566	0.035	8.949	0.016		1.354	0.030	T	1.32	0.04	L		8.9485	0.0024	0.021	128		8.92	9.00		C			1							
19847	9.872	0.037	9.342	0.035		0.497	0.046	T	0.57	0.05	L		9.4052	0.0041	0.017	43		9.38	9.44		C			1							
19848	10.914	0.043	9.132	0.017		1.514	0.038	T	2.01	0.11	O		9.0192	0.0026	0.021	109		8.99	9.07					1							
19849						0.820	0.000	G	0.89	0.02	A		4.5615	0.0009	0.006	85		4.55	4.59		U 2	04153−0739	I 1	1							S
19850	9.011	0.021	8.849	0.025		0.203	0.015	G	0.22	0.02	H		8.8539	0.0018	0.014	44		8.84	8.88		C			1							
19851	11.012	0.043	10.021	0.029		0.827	0.002	G	0.87	0.00	H		10.1286	0.0035	0.037	145		10.05	10.19					1							
19852	10.191	0.035	9.867	0.039		0.260	0.015	G	0.29	0.02	H		10.0386	0.0040	0.031	89		9.97	10.08		U			1							D
19853	10.412	0.047	8.169	0.014	*	1.894	0.040	T	3.57	0.05	O	*	7.6075	0.0105	0.088	63	*	7.36	7.71		U 2	04154+2405	H 1	2 C S A	AB	350	0.179	0.007	0.35	0.18	D
19854	9.147	0.014	8.247	0.011		0.800	0.013	T	0.83	0.01	L		8.2856	0.0020	0.018	102		8.26	8.31					1							
19855	7.781	0.011	7.030	0.012		0.680	0.010	G	0.74	0.01	H		7.0753	0.0014	0.011	43		7.06	7.09			04155+0612	I 2	1							S
19856	6.697	0.004	6.843	0.006		−0.127	0.006	T	−0.12	0.01	L		6.8318	0.0009	0.008	82		6.82	6.85		C			1							S
19857	7.548	0.010	7.374	0.010		0.167	0.013	T	0.18	0.01	L		7.4077	0.0016	0.008	45		7.40	7.42		C			1							S
19858	10.945	0.047	9.158	0.018		1.488	0.040	T	1.51	0.06	L		9.1255	0.0018	0.017	98		9.09	9.16					1 S							
19859	7.024	0.008	6.383	0.007		0.570	0.010	G	0.64	0.01	H		6.4375	0.0014	0.007	42		6.43	6.45			04155+0612	I 2	1							S
19860	4.196	0.004	4.273	0.003		−0.054	0.018	G	−0.02	0.02	A		4.2656	0.0007	0.004	35		4.26	4.27					1							S
19861	10.015	0.025	8.834	0.015		1.012	0.008	G	1.06	0.01	I		8.8493	0.0024	0.026	105		8.80	8.88		U			1							
19862	12.263	0.304	11.197	0.202		0.924	0.301	T	1.70	0.21	K		11.0662	0.0049	0.038	52		10.78	11.11		C			1							G
19863	8.282	0.008	7.890	0.009		0.371	0.011	T	0.43	0.01	L		7.9326	0.0010	0.010	114		7.92	7.95		C			1							S
19864	11.066	0.041	9.504	0.018		1.311	0.035	T	1.27	0.04	L		9.5476	0.0021	0.025	156		9.50	9.60					1							
19865	10.335	0.025	9.483	0.019		0.764	0.024	T	0.80	0.02	L		9.5459	0.0025	0.034	175		9.48	9.61					1 S							
19866	10.418	0.036	10.063	0.039		0.345	0.047	T	0.40	0.06	L		10.1118	0.0027	0.024	113		10.07	10.16		C			1							
19867	8.242	0.016	7.898	0.015		0.324	0.015	G	0.38	0.02	H		7.9720	0.0021	0.012	47		7.95	8.00		C			1							S
19868	10.425	0.027	8.890	0.013		1.289	0.024	T	1.25	0.03	L		8.9431	0.0020	0.024	148		8.90	8.98			04157−3033	I 1	1 S							
19869	9.530	0.016	8.802	0.014		0.654	0.016	T	0.72	0.01	L		8.8541	0.0013	0.014	121		8.83	8.89		D			1 S							
19870	8.690	0.021	7.890	0.017		0.705	0.003	G	0.76	0.00	H		7.9682	0.0023	0.014	52		7.95	7.99		C			1							S
19871	9.132	0.016	7.934	0.010		1.025	0.015	T	1.00	0.01	L		7.9696	0.0016	0.015	80		7.95	8.00		C			1							S
19872	10.743	0.042	9.488	0.023		1.070	0.037	T	1.03	0.03	L		9.5109	0.0028	0.022	118		9.47	9.55		C			1							
19873	9.083	0.013	8.886	0.014		0.188	0.018	T	0.21	0.02	L		8.9578	0.0011	0.011	114		8.94	8.98					1							
19874	8.691	0.015	7.942	0.013	*	0.685	0.016	T	0.74	0.01	L	*	8.1608	0.0017	0.016	82	*	8.13	8.19		D	04157+4524	I 1	2 C A	AB	219	5.275	0.005	0.10	0.01	S
19875	9.847	0.020	9.031	0.016		0.764	0.013	G	0.81	0.02	A		9.0640	0.0018	0.017	112		9.04	9.09		C			1							
19876	8.801	0.014	8.117	0.012		0.636	0.015	G	0.70	0.01	H		8.1839	0.0008	0.010	77		8.16	8.21		D			1							S
19877	6.779	0.005	6.346	0.007		0.400	0.015	G	0.46	0.02	A		6.4024	0.0009	0.005	50		6.40	6.41			04158+1525	I 1	1							S
19878	6.834	0.004	6.738	0.004		0.078	0.001	G	0.09	0.00	H		6.7663	0.0010	0.009	139		6.75	6.78		C			1							S
19879	8.276	0.010	7.158	0.006		0.963	0.009	T	0.95	0.01	L		7.2114	0.0012	0.013	144		7.19	7.24					1							S
19880	10.460	0.032	8.866	0.015		1.336	0.028	T	1.30	0.03	L		8.8759	0.0024	0.021	114		8.84	8.92		C			1							
19881	7.015	0.004	6.935	0.004		0.072	0.005	T	0.08	0.01	L		6.9606	0.0008	0.008	170		6.95	6.98		C			1							S
19882	8.572	0.014	8.410	0.016		0.156	0.020	T	0.17	0.02	L		8.4604	0.0022	0.017	74		8.43	8.50		C			1							
19883	8.058	0.011	7.426	0.009	*	0.586	0.005	G	0.66	0.01	R	*	7.4511	0.0009	0.007	70	*	7.44	7.47		D	04159+3142	I 1	2 C A	AB	279	0.675	0.004	0.03	0.01	S
19884	9.078	0.013	7.785	0.008		1.115	0.015	G	1.23	0.02	A		7.7655	0.0009	0.009	99		7.75	7.78		D			1							S
19885	9.281	0.012	8.705	0.011	*	0.541	0.012	T	0.61	0.01	L	*	8.7552	0.0019	0.018	149	*	8.72	8.79			04159−3159	H 1	2 C D	AB	170	0.759	0.075	4.27	0.26	S D
19886	11.457	0.126	10.714	0.113		0.457	0.107	G	0.53	0.11	R		10.8341	0.0046	0.026	39		10.77	10.87					1							G
19887	9.741	0.015	8.666	0.011		0.921	0.015	T	0.92	0.01	L		8.7217	0.0016	0.018	221		8.69	8.75		C			1							
19888	8.933	0.012	8.783	0.014		0.144	0.017	T	0.16	0.02	L		8.8338	0.0022	0.020	105		8.81	8.87					1							
19889	9.116	0.009	8.695	0.009	A	0.800	0.495	G	0.46	0.03	L	*	8.7054	0.0013	0.019	228	*	8.67	8.74			04160−2400	I 1	2 C B	AB	228	3.764	0.039	3.57	0.17	S
19890	8.441	0.012	7.108	0.007		1.131	0.011	T	1.09	0.01	L		7.1563	0.0009	0.009	108		7.14	7.17		C			1							S
19891	11.750	0.149	9.665	0.035		1.725	0.122	T	1.75	0.12	L		9.5601	0.0027	0.019	68		9.51	9.58		C			1 S							
19892	7.211	0.013	7.097	0.015	*	0.086	0.002	G	0.10	0.00	H	*	7.1952	0.0012	0.007	48	*	7.18	7.21		D	04160+0027	I 1	2 C A	AB	9	3.300	0.005	1.92	0.03	S
19893	4.634	0.003	4.294	0.003		0.312	0.008	G	0.37	0.02	A		4.3338	0.0020	0.022	112		4.29	4.36	0.76	P 1 A			1							S P
19894	8.631	0.010	8.101	0.010		0.519	0.015	G	0.59	0.02	H		8.1603	0.0013	0.014	141		8.14	8.19		C			1							S
19895	8.427	0.013	7.810	0.012	A						T	*	7.7790	0.0014	0.011	79	*	7.76	7.81		D	04160+3002	I 1	2 C A	AB	247	2.194	0.014	2.48	0.03	S
19896	9.566	0.025	9.006	0.023		0.524	0.030	T	0.60	0.03	L		9.0042	0.0032	0.016	52		8.98	9.03					1							
19897	9.447	0.018	8.171	0.011		1.086	0.016	T	1.05	0.01	L		8.2332	0.0020	0.013	81		8.21	8.25					1							S
19898	8.037	0.007	8.058	0.009		−0.017	0.010	T	0.01	0.01	L		8.0679	0.0016	0.016	117		8.04	8.10		C			1							S
19899	9.221	0.021	8.003	0.013		1.041	0.019	T	1.01	0.02	L		8.0364	0.0016	0.011	53		8.02	8.06		C			1							S
19900	8.758	0.011	8.348	0.011		0.412	0.015	G	0.48	0.02	H		8.3936	0.0019	0.017	135		8.36	8.43		C			1							S

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	μα* mas/yr (12)	μδ mas/yr (13)	α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	F1 % (29)	F2 (30)
19901		04 16 09.78	−22 33 43.5	8.98		H	64.040 741 31	−22.562 080 68		3.74	3.14	−0.32	0.89	0.90	1.32	0.92	1.03	−31	+20	−11	−48	+26	−4	+22	−6	−5	−19	0	−0.87
19902		04 16 10.15	+25 31 04.7	9.41		H	64.042 286 50	+25.517 970 45		5.19	21.04	−14.53	1.07	0.75	1.25	1.29	1.04	+19	+23	−31	−13	−15	+6	−22	+4	−18	+39	0	0.52
19903		04 16 10.61	+34 52 07.7	7.57		H	64.044 189 04	+34.868 814 40		4.13	18.94	−14.71	0.91	0.63	1.01	0.97	0.72	+24	+33	−11	+20	+10	−11	+4	+56	−20	+23	0	1.12
19904		04 16 11.86	−58 18 03.7	8.80		H	64.049 423 64	−58.301 025 56		1.64	11.18	28.88	0.88	0.68	0.80	0.98	0.89	−8	+10	+10	−32	+3	−1	+7	−2	+4	−22	0	0.28
19905		04 16 13.25	−30 51 55.4	8.90		H	64.055 216 10	−30.865 386 28		11.47	81.71	−21.20	0.72	0.79	1.12	0.79	1.02	+3	+10	+3	+5	+1	+2	−2	+12	−13	+18	0	−0.28
19906		04 16 13.66	+01 14 26.8	8.57		H	64.056 912 44	+01.240 768 23		1.91	34.10	−4.59	1.07	0.81	1.10	1.33	0.94	+12	+8	−15	+27	+0	−12	−5	+6	−11	+3	0	0.74
19907		04 16 14.33	−08 12 01.4	8.66		H	64.059 689 26	−08.200 402 26		2.47	−3.17	7.36	1.03	0.80	1.16	1.31	1.17	+8	+23	−19	+39	+4	+1	+3	+35	−4	+13	0	1.28
19908		04 16 14.52	+02 48 19.0	11.67		G	64.060 491 02	+02.805 281 80		11.57	−35.30	−12.30	4.00	2.84	4.24	6.20	3.97	+0	+19	−13	−29	+14	+14	+10	−16	−27	−17	0	1.03
19909		04 16 14.62	−75 20 39.3	8.48		H	64.060 931 58	−75.344 263 38		4.12	18.23	33.45	0.62	0.70	0.68	0.64	0.79	−13	+16	−15	−23	+5	+4	+5	+22	−5	−10	0	0.14
19910		04 16 15.59	−29 44 25.9	9.87		H	64.064 966 45	−29.740 516 47		0.06	6.93	7.93	0.93	1.17	1.57	1.10	1.47	−1	−11	−4	+23	−1	+0	+2	+0	−7	+9	0	2.09
19911		04 16 16.55	+07 09 34.5	7.50		H	64.068 946 50	+07.159 570 76		28.69	−90.80	−42.66	1.55	0.86	1.24	3.79	1.77	−28	+35	−18	+70	−43	−6	−57	+35	−33	−39	3	2.71
19912		04 16 18.63	+08 43 12.7	9.84		G	64.077 605 79	+08.720 193 41		26.49	−85.23	−314.09	1.97	1.18	1.98	2.36	1.48	−10	+47	−15	+27	−2	−9	−11	+29	−12	−17	0	0.48
19913		04 16 18.74	−17 52 29.8	7.47		H	64.078 092 44	−17.874 941 27		4.66	14.40	14.69	0.73	0.62	0.93	0.78	0.90	−16	+32	−25	+28	+8	−1	−1	+43	−21	+18	0	1.09
19914		04 16 19.00	+29 15 23.9	10.11		H	64.079 180 16	+29.256 625 09		1.08	−3.87	−11.46	1.79	1.36	2.14	2.34	1.68	+36	+17	−42	−14	−42	+26	−38	−4	−6	+53	5	0.63
19915		04 16 19.80	+36 44 02.9	8.96		G	64.082 502 99	+36.734 147 39		4.78	38.66	−14.11	1.13	0.81	1.29	1.30	1.13	+26	+26	−19	+3	+2	+11	−3	+22	−5	+48	0	−0.63
19916	H	04 16 20.70	+61 06 42.7	9.51		H	64.086 232 34	+61.111 849 35	A	1.44	−2.88	−4.39	1.31	1.52	2.05	1.40	1.97	+23	+10	−16	+1	+10	−5	+0	+29	−32	+23	1	0.23
19917	H	04 16 20.92	−60 56 54.8	6.34	1	H	64.087 178 14	−60.948 542 91	A	8.41	43.73	25.01	1.29	1.14	0.53	0.72	0.81	−35	+7	−3	−23	+5	−4	−2	−12	−4	+39	2	0.52
19918		04 16 22.39	+82 27 46.5	9.77	2	H	64.093 284 50	+82.462 910 38		0.41	0.99	9.30	0.96	1.22	1.38	0.99	1.32	−6	+21	−10	−12	+9	+14	+12	−8	+8	+0	4	2.18
19919		04 16 26.22	−68 47 15.1	8.27		H	64.109 258 77	−68.787 523 45		0.95	−0.62	−20.52	0.65	0.74	0.72	0.71	1.04	+0	+6	−10	+5	+19	+5	+25	−5	−6	+8	0	1.18
19920		04 16 27.13	−36 30 08.5	8.72		H	64.113 021 16	−36.502 357 32		2.88	−0.37	−4.66	0.72	0.75	0.95	0.80	0.98	−12	−8	−6	−15	−4	+9	−4	−12	−1	−10	1	0.71
19921		04 16 29.08	−59 18 06.3	4.44		G	64.121 181 33	−59.301 748 41		54.84	−47.99	−167.81	0.51	0.43	0.50	0.52	0.50	−13	+26	−7	−12	+4	−17	+1	−11	−5	−15	0	−0.09
19922		04 16 29.11	−13 11 03.4	8.36	1	H	64.121 292 83	−13.184 278 26		2.22	3.32	−56.25	0.91	0.83	1.20	1.23	1.11	+15	+24	−12	+31	+23	+10	+31	+57	−10	−22	0	0.63
19923		04 16 29.15	−38 53 02.9	7.13		H	64.121 455 45	−38.884 134 95		7.26	−2.17	−39.16	0.49	0.53	0.65	0.62	0.74	−6	+9	−12	−3	+3	−11	+3	+0	+18	−2	1	0.80
19924		04 16 29.27	−23 32 02.1	8.12		H	64.121 947 22	−23.533 906 26		3.20	11.60	10.76	0.60	0.71	1.02	0.75	0.92	−15	+6	−11	−19	+20	+6	+20	−2	−14	−15	1	−0.25
19925		04 16 30.28	−00 34 20.6	8.07		G	64.126 154 48	−00.572 385 23		24.81	−60.44	−172.87	0.92	0.74	0.98	1.07	0.99	+30	+41	+0	−5	−21	+3	−23	−26	−10	+38	0	0.05
19926		04 16 31.56	−28 24 38.0	9.26		H	64.131 492 00	−28.410 550 32		17.18	62.03	61.33	1.17	1.40	2.05	1.33	1.92	−13	+16	−5	−16	−7	−13	−10	+8	−13	−15	0	
19927		04 16 31.78	+02 39 08.0	9.90		H	64.132 419 25	+02.652 233 86		10.89	47.01	−8.47	2.43	1.57	2.61	3.50	2.33	−16	+31	+5	−33	+32	+7	+12	−21	−47	−32	0	0.68
19928		04 16 32.04	−49 57 09.4	9.97		H	64.133 517 73	−49.952 617 09		5.51	−3.52	−55.93	0.92	1.01	1.08	1.02	1.18	−10	+10	−3	+2	+11	−2	+14	−9	+9	+2	0	0.55
19929		04 16 32.49	−40 51 13.7	9.18		H	64.135 389 75	−40.853 807 64		2.78	−6.49	−0.30	0.88	0.92	1.10	1.15	1.12	−8	−7	−2	−16	−8	−1	−7	−7	+11	−19	1	1.98
19930		04 16 32.67	+36 30 08.6	8.25		H	64.136 132 92	+36.502 376 72		39.08	−27.31	−228.34	1.02	0.88	1.16	1.25	1.12	+52	+15	−6	−10	−14	−5	−10	+5	+14	+61	0	−1.00
19931		04 16 33.19	+50 37 34.6	9.73	3	H	64.138 287 95	+50.626 290 66	*	2.30	7.48	−4.16	2.11	1.49	2.44	4.73	2.96	−28	+21	−14	+38	−39	−24	−40	+55	−18	−65	0	1.64
19932		04 16 33.22	−45 23 28.3	8.62		H	64.138 406 72	−45.391 193 77		7.47	51.03	27.30	0.68	0.68	0.81	0.79	0.75	−4	−6	−7	+0	+2	−7	−1	+10	+0	+16	0	−1.01
*19933		04 16 33.41	−06 43 39.3	7.84		H	64.139 228 16	−06.727 580 79		3.65	16.57	−9.12	0.83	0.63	1.08	1.09	0.92	+35	+24	+3	+5	+6	−8	−1	+13	−33	+14	0	−0.01
*19934		04 16 33.41	+21 54 27.2	9.14		G	64.139 216 42	+21.907 560 81		19.48	105.61	−37.59	1.09	0.78	1.17	1.31	1.11	+41	+13	+1	+16	+13	+5	+9	+43	+3	+46	0	2.66
19935		04 16 33.80	−65 54 41.1	8.35		H	64.140 849 73	−65.911 415 67		4.21	5.79	17.87	0.60	0.58	0.62	0.59	0.68	+6	+16	−5	−13	−10	+13	−12	−6	−4	+7	0	1.59
19936		04 16 34.45	+56 34 14.0	10.23		H	64.143 543 30	+56.570 544 02		2.18	−3.34	−6.34	1.20	0.98	1.39	1.37	1.19	−22	−7	−15	+49	−45	+2	−47	+52	−10	−23	0	0.62
19937		04 16 35.34	−02 22 35.5	8.62		H	64.147 244 20	−02.376 539 46		1.33	16.67	4.26	1.04	0.75	1.16	1.31	1.30	+43	+5	−22	+40	+23	−15	+14	+39	−31	+47	0	0.86
19938	H	04 16 35.97	−10 05 09.0	7.46	2	G	64.149 872 02	−10.085 836 06	A	4.83	14.13	31.35	1.18	1.00	1.34	1.32	1.45	+34	+24	+3	+1	−13	+5	−8	+12	−7	−3	0	0.88
19939		04 16 36.65	−36 39 19.4	9.30		H	64.152 728 88	−36.655 395 38		6.26	−7.01	−29.56	0.81	0.93	1.11	0.86	1.07	−21	−9	−2	−16	−2	+8	−3	−19	+7	−12	0	0.81
19940		04 16 36.79	−44 24 35.0	8.70		H	64.153 303 22	−44.409 713 33		9.06	52.45	8.71	0.66	0.68	0.82	0.73	0.70	+2	+11	−7	−11	−4	+16	−4	−14	−14	+6	0	−1.45
19941		04 16 37.31	−48 47 07.7	9.49		G	64.155 473 27	−48.785 464 94		10.00	−63.29	−130.48	0.81	0.80	0.89	0.92	0.97	+4	+3	−8	−33	−9	+17	−6	−10	+5	−4	0	−0.69
19942		04 16 38.25	−47 05 47.5	8.14		H	64.159 361 58	−47.096 527 72		1.33	12.43	−11.51	0.63	0.70	0.76	0.80	0.78	−6	−11	−4	−1	−22	+22	−22	+24	+2	+2	0	0.45
19943		04 16 39.01	+40 01 35.1	7.79		H	64.162 523 73	+40.026 404 33		4.85	−2.98	−21.64	0.86	0.66	1.00	0.94	0.84	+17	+28	−16	+6	+20	+1	+9	+50	−19	+34	0	1.02
*19944		04 16 39.35	−51 36 06.5	8.08		H	64.163 975 87	−51.601 810 92		3.29	−1.71	−13.79	0.59	0.62	0.66	0.59	0.67	−2	−1	−1	−8	−16	−3	−15	−19	−7	+14	0	−1.31
*19945		04 16 39.30	−64 18 56.4	7.97		H	64.163 758 68	−64.315 652 96		5.50	19.58	35.80	0.57	0.61	0.63	0.60	0.75	−4	+12	−5	−4	−2	−4	−2	+8	−5	−16	0	−0.78
19946		04 16 40.66	+03 41 56.1	9.91		H	64.169 413 95	+03.698 907 39		12.89	7.42	−3.78	1.82	1.32	1.80	2.33	1.78	−15	+19	−27	+34	−36	+6	−31	−5	+7	+3	0	−0.09
19947		04 16 41.59	+26 21 28.7	7.83		H	64.173 303 37	+26.357 978 71		1.57	10.82	−1.53	0.99	0.66	1.04	1.22	0.95	+27	+27	−3	−4	−25	−16	−33	+7	−13	+41	0	−0.11
19948	H	04 16 41.72	−12 33 24.9	10.91		G	64.173 833 94	−12.556 918 53	A	47.05	−74.96	211.24	5.49	5.77	6.24	6.67	6.43	+24	+30	−9	+17	+33	+27	+41	+54	−17	−2	2	2.09
19949		04 16 43.11	+53 36 42.5	5.20		H	64.179 604 37	+53.611 803 18		9.24	−16.99	−1.68	0.57	0.46	0.75	0.87	0.66	−6	−3	−2	+1	+0	+24	+6	+27	−20	−32	5	1.78
19950		04 16 44.21	−26 45 56.2	9.86		H	64.184 192 57	−26.765 622 34		17.02	−26.64	−116.86	0.85	1.15	1.56	1.13	1.40	−19	+13	+4	−24	+4	+16	+3	−22	−14	−34	0	−0.03
19951	H	04 16 44.67	−44 17 37.8	9.00		H	64.186 125 69	−44.293 824 24	A	7.11	12.42	−2.51	1.78	2.20	2.04	1.61	2.24	+3	−4	+12	−17	+3	+5	+3	−7	−26	+16	2	1.34
19952		04 16 45.01	+46 46 41.4	7.82		H	64.187 545 49	+46.778 156 25		2.33	2.91	−9.45	0.84	0.62	0.99	0.95	0.80	+5	+23	−21	+27	+15	+2	+8	+53	−9	+30	0	−0.56
19953		04 16 45.23	−01 08 37.1	8.63		H	64.188 466 91	−01.143 634 14		1.39	7.53	−4.19	1.14	0.83	1.27	1.52	1.16	+28	+7	−30	+18	+2	−27	−10	+16	−20	+28	0	−1.09
19954		04 16 45.42	−14 51 34.9	9.15		H	64.189 266 54	−14.859 703 89		2.59	−19.08	−7.82	1.34	1.05	1.52	1.81	1.35	+9	+30	+17	+29	+21	+20	+21	+41	+4	−17	0	0.44
19955		04 16 45.58	−82 59 49.3	8.51		H	64.189 913 01	−82.997 020 37		4.46	−7.49	−1.72	0.60	0.68	0.76	0.66	0.98	−17	+28	−19	−10	−7	−4	−4	−28	+14	+0	1	−0.32
19956		04 16 45.66	−66 40 48.2	7.80		H	64.190 241 98	−66.680 056 35		3.48	41.83	41.54	0.58	0.62	0.65	0.61	0.72	−4	+21	−16	+5	−13	+17	−11	+12	+0	+0	3	0.48
19957		04 16 46.24	−69 43 36.7	7.13		H	64.192 669 68	−69.726 868 06		4.68	34.09	37.72	0.51	0.58	0.57	0.52	0.72	−1	+4	+2	−8	+11	+7	+10	+16	−6	+7	0	−2.53
19958		04 16 46.37	+45 15 35.3	9.11	1	H	64.193 228 30	+45.259 798 15		−1.49	−0.73	7.96	1.12	0.78	1.45	1.46	1.20	+4	+10	−17	−1	−1	+6	−7	+36	−13	+17	0	−0.81
19959		04 16 46.41	+66 54 38.5	10.32		H	64.193 391 37	+66.910 680 77		27.86	60.58	−88.21	1.07	1.18	1.84	1.12	1.51	−5	+28	−2	−21	−5	−4	−5	+8	+17	+8	1	1.07
19960		04 16 48.70	+16 12 52.0	6.57		H	64.202 932 08	+16.214 446 41		8.13	−23.64	−25.09	1.03	0.61	1.14	0.98	0.74	+15	+59	+3	−2	+0	−5	−13	+13	−22	+14	0	1.38
19961		04 16 48.81	+05 37 07.2	12.19		G	64.203 369 92	+05.618 670 21		13.31	66.16	−75.73	3.98	3.41	4.70	6.00	5.65	+22	+14	−23	+10	−11	+4	−7	−1	+18	+50	0	0.38
19962		04 16 49.41	−65 37 47.3	8.97		H	64.205 887 28	−65.629 808 02		3.53	9.67	1.76	0.83	0.80	0.88	0.78	0.89	−3	+19	−23	−16	−10	+13	−11	−4	−14	−1	0	−1.19
19963		04 16 49.65	−71 59 52.5	7.58		H	64.206 864 31	−71.997 906 29		5.02	22.35	35.48	0.57	0.55	0.61	0.74	0.69	+10	+9	+3	−32	−8	+3	−10	−3	−17	+25	1	1.69
19964		04 16 50.49	+69 08 59.9	10.18		H	64.210 357 42	+69.149 980 41		2.81	0.11	−13.18	1.53	2.19	3.12	1.58	2.55	−25	+17	−10	−17	+7	+1	+9	+2	+2	−27	2	
19965		04 16 52.26	+60 19 55.8	8.96		H	64.217 749 16	+60.332 178 20		3.28	−6.81	−2.04	0.69	0.79	1.18	0.81	0.94	+1	+14	−19	+19	−12	+19	−9	+24	+9	+9	0	−0.60
19966		04 16 52.73	−48 30 56.8	8.14		H	64.219 722 64	−48.515 768 61		8.82	6.40	17.17	0.61	0.62	0.71	0.70	0.71	−5	+7	−14	−9	−8	+16	−5	−9	+4	−14	1	0.09
19967		04 16 53.45	−40 04 36.8	9.78		H	64.222 694 98	−40.076 888 01		2.02	20.09	−15.11	0.92	1.04	1.16	1.09	1.31	+4	+5	−8	−24	−3	+10	−4	−6	−4	+11	1	1.12
19968		04 16 53.55	+61 51 00.1	5.69		H	64.223 116 81	+61.850 041 25		7.97	6.07	−21.36	0.44	0.50	0.69	0.54	0.68	+26	+8	−18	+22	+33	−10	+25	+48	−35	+41	3	1.10
19969		04 16 54.33	+57 14 28.3	8.18	1	H	64.226 393 51	+57.241 204 15		2.92	−1.72	−2.31	0.70	0.63	0.91	0.92	0.88	+6	+9	−11	+36	−6	+12	−11	+50	−6	+27	0	0.55
19970		04 16 54.76	+11 29 02.4	9.44		H	64.228 156 47	+11.483 990 42		5.44	−9.92	−2.81	1.55	0.99	1.65	1.66	1.34	−3	+48	−14	−2	+8	−5	−1	+22	−14	+9	0	0.98
19971		04 16 54.90	+04 32 33.7	7.84		H	64.228 746 18	+04.542 687 57		15.44	170.16	4.61	1.11	0.94	1.33	1.41	1.32	−16	+19	−48	+28	−43	+33	−18	−23	+39	+36	0	0.49
19972		04 16 56.35	−28 53 37.7	8.17		H	64.234 783 61	−28.893 806 25		9.42	46.70	−17.68	0.52	0.85	0.93	0.62	1.06	+13	+2	−19	−8	−35	+14	−21	−34	+4	+26	1	1.52
19973		04 16 58.52	+70 41 05.4	8.76	1	H	64.243 828 77	+70.684 842 51		8.50	11.19	0.21	0.56	0.76	1.02	0.58	0.88	−18	+22	−5	−4	+4	−9	+7	−2	+13	−16	1	1.34
19974		04 17 00.40	+11 11 23.5	10.85		H	64.251 680 56	+11.189 858 58		4.99	4.54	−9.01	2.27	1.70	2.61	2.64	2.48	+17	+39	−18	+4	+23	+4	+11	+34	−17	+46	0	0.77
19975	H	04 17 01.22	+19 40 33.4	7.12		H	64.255 085 95	+19.675 935 42	A	10.42	3.48	−103.10	1.73	1.42	1.44	1.50	1.26	+21	+25	−10	−27	−24	+4	−29	−24	−3	+46	0	−0.72
19976		04 17 01.83	−40 47 56.7	10.48		H	64.257 622 34	−40.799 076 27		25.61	244.39	79.68	0.92	0.96	1.15	1.16	1.12	−11	+6	−8	−10	−5	−5	−4	−3	+3	−21	1	0.71
19977		04 17 03.05	+06 20 50.9	8.86		H	64.262 689 29	+06.347 463 51		2.35	−7.94	−20.83	1.57	1.72	1.69	2.00	2.01	+55	+11	−42	−14	−37	+16	−30	−29	+15	+72	0	0.92
19978		04 17 06.07	+41 43 54.6	11.22	3	H	64.275 274 67	+41.731 840 99		−1.59	−3.79	0.31	2.20	1.22	2.96	2.44	1.90	−11	+38	−25	−16	−4	+18	−21	+24	−30	+19	4	0.55
*19979		04 17 06.71	+04 09 08.3	9.56		H	64.277 956 02	+04.152 308 01		−6.12	11.35	41.82	30.28	21.19	33.52	33.34	24.37	−36	+58	−53	+25	−37	+19	−17	−13	+9	+16	0	
*19980		04 17 06.45	−60 52 32.7	9.06		H	64.276 891 34	−60.875 746 58		2.05	30.44	46.95	0.82	0.76	0.84	0.91	0.92	−2	−9	−2	−24	+16	+0	+16	−13	−12	+13	1	0.05
19981		04 17 06.80	+22 40 24.3	9.77		G	64.278 327 81	+22.673 419 77		30.56	117.96	−42.19	1.38	0.84	1.52	1.60	1.12	+25	+20	+3	−6	−15	+7	−17	+14	−16	+11	0	1.27
19982		04 17 07.06	−22 19 05.5	9.41		H	64.279 434 60	−22.318 207 33		13.64	−37.10	67.78	1.03	1.01	1.50	0.99	1.12	−38	+31	−29	−35	+32	−16	+17	+14	−14	−7	2	1.20
19983		04 17 08.07	+57 51 37.7	5.72		H	64.283 634 43	+57.860 476 55		12.38	24.16	−50.06	0.58	0.52	0.74	0.70	0.69	+2	+23	−17	+44	−8	+4	−16	+57	−21	+21	0	−0.62
19984		04 17 09.64	−17 26 56.5	8.88		H	64.290 152 96	−17.449 031 34		11.00	37.84	−29.62	0.99	0.84	1.24	1.10	1.19	−15	+28	−23	+25	+5	+0	−3	+40	−16	+15	0	0.72
19985		04 17 11.42	+05 01 28.6	6.91		H	64.297 572 54	+05.024 606 82		2.57	−11.34	−16.48	0.86	0.75	1.08	1.32	1.39	+14	+7	−30	+11	−26	+32	−14	−17	+46	+48	0	−0.63
19986		04 17 12.31	+50 51 57.0	6.59	1	H	64.301 285 79	+50.865 824 42		1.35	1.46	−3.77	0.77	0.58	1.02	1.04	0.89	−17	+24	−41	+19	−1	+4	−8	+52	−42	−13	2	0.23
19987		04 17 13.46	−07 23 39.3	9.67		H	64.306 083 27	−07.394 254 03		11.43	−38.57	−8.09	1.27	0.96	1.57	1.60	1.48	+15	+23	−13	+18	+7	−4	+3	+26	−19	+9	2	−1.05
19988		04 17 14.46	+18 56 57.5	10.89		H	64.310 254 69	+18.949 294 92		−0.29	14.99	−4.10	2.41	1.79	2.63	2.99	2.16	−9	+32	−33	−13	+5	+2	+4	−10	−3	−8	0	−0.34
19989		04 17 14.73	−38 50 39.0	8.84		H	64.311 386 73	−38.844 168 30		0.93	10.27	−1.60	0.66	0.74	0.90	0.76	0.95	−2	−2	−11	−4	+4	−12	+2	+3	+14	+5	0	−0.42
19990		04 17 15.69	+20 34 43.5	4.93		H	64.315 358 96	+20.578 740 33		34.87	−40.88	−61.45	0.79	0.62	0.80	0.91	0.80	+49	+18	+6	+26	+18	−14	+18	+52	−3	+43	0	−1.84
19991		04 17 16.37	+46 13 50.0	8.02	2	H	64.318 197 32	+46.230 556 90		−0.64	0.54	−2.31	0.83	0.72	1.09	1.11	1.02	+13	+18	−33	+26	+16	−1	+8	+61	−29	+24	0	−0.88
19992		04 17 16.89	+46 41 48.2	7.38	1	H	64.320 359 09	+46.696 710 43		1.53	4.43	−4.76	0.81	0.64	0.98	0.95	0.85	+9	+21	−29	+24	+22	−3	+10	+57	−18	+37	0	0.06
19993		04 17 17.20	+47 24 00.7	10.53	3	H	64.321 674 13	+47.400 199 02		1.84	−7.01	−9.63	1.45	0.95	1.64	1.69	1.17	−19	+14	+0	+24	−20	−11	−20	+40	+6	−18	0	0.60
19994		04 17 17.40	+02 31 47.0	7.23		H	64.322 485 44	+02.529 723 03		3.95	−11.77	−13.62	1.16	0.76	1.23	1.63	1.02	−12	+33	−1	−23	+26	+23	+12	−16	−36	−36	0	−0.08
19995		04 17 17.49	−63 05 45.3	8.49		H	64.322 883 46	−63.095 917 56		8.92	−84.85	−95.69	0.60	0.64	0.68	0.56	0.76	+1	+1	+6	−29	+25	+6	+21	−1	−9	+34	1	−0.30
19996		04 17 19.23	−06 28 19.8	5.95		H	64.330 129 41	−06.472 159 75		5.92	−15.13	−7.31	0.63	0.51	0.76	0.76	0.73	+44	+19	−1	+16	+16	−6	+13	+20	−20	+31	0	−0.26
19997		04 17 19.37	+20 30 45.3	8.44		G	64.330 700 15	+20.512 583 43		4.07	23.78	−20.82	1.24	0.91	1.27	1.45	1.25	+54	+19	+4	+14	+17	−8	+22	+51	−13	+37	0	−0.42
19998		04 17 19.40	+69 30 08.2	9.27		H	64.330 839 93	+69.502 290 10		5.46	−16.63	−1.44	0.60	0.96	1.30	0.62	1.08	−31	+10	−19	−17	+13	+2	+17	−8	+16	−34	1	1.70
19999		04 17 19.61	−34 53 34.2	9.40		H	64.331 690 21	−34.892 822 59		2.86	11.01	6.08	0.72	0.87	1.10	0.82	1.15	−18	+3	−26	−2	+6	−7	+5	−5	+27	−6	0	−0.17
20000		04 17 19.77	+46 13 03.6	7.09		H	64.332 386 01	+46.217 677 95		1.13	0.30	−1.80	0.82	0.63	0.96	1.04	0.87	+7	+14	−20	+33	+7	−1	+2	+57	−15	+19	0	0.66

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
19901	10.630	0.034	9.113	0.017		1.275	0.030	T	1.23	0.03	L	9.1435	0.0026	0.026	136		9.10	9.19					1							
19902	10.131	0.037	9.463	0.033		0.619	0.042	T	0.69	0.04	L	9.5461	0.0026	0.020	69		9.51	9.57					1							
19903	7.941	0.008	7.614	0.012		0.310	0.013	T	0.36	0.02	L	7.6414	0.0012	0.010	67		7.62	7.65			04162+3452	I 1	1							S
19904	10.877	0.048	8.953	0.017		1.597	0.040	T	1.62	0.04	L	8.9077	0.0026	0.022	93		8.87	8.94					1							
19905	9.687	0.017	8.946	0.014		0.663	0.017	T	0.72	0.01	L	9.0299	0.0024	0.026	143		9.00	9.09					1							
19906	9.776	0.026	8.701	0.018		0.931	0.024	T	0.93	0.02	L	8.7324	0.0041	0.019	53		8.71	8.77					1							
19907	9.842	0.023	8.765	0.016		0.932	0.021	T	0.93	0.01	L	8.8244	0.0021	0.022	83		8.79	8.85					1							
19908						0.947	0.020	G	0.99	0.02	I	11.8398	0.0184	0.074	37		11.72	11.97					1							G
19909	8.982	0.013	8.511	0.013		0.420	0.014	G	0.44	0.02	A	8.5657	0.0013	0.014	107		8.54	8.60		C			1							S
19910	11.302	0.054	9.911	0.025		1.000	0.040	G	0.98	0.03	K	10.0351	0.0033	0.032	141		9.99	10.09		C			1	S						
19911	8.279	0.011	7.573	0.013		0.661	0.015	G	0.72	0.01	H	7.6343	0.0015	0.010	50		7.62	7.65		C			1	G						S
19912	11.528	0.194	10.014	0.077		1.148	0.002	G	1.24	0.00	I	9.9602	0.0025	0.023	46		9.92	9.99		D			1	G						
19913	8.639	0.012	7.558	0.009		0.935	0.011	T	0.93	0.01	L	7.6319	0.0018	0.015	103		7.61	7.66					1							S
19914	10.480	0.040	10.166	0.048		0.298	0.059	T	0.34	0.08	L	10.1918	0.0029	0.029	79		10.09	10.24					1	G						G
19915	9.602	0.023	9.049	0.022		0.642	0.015	G	0.71	0.01	H	9.0848	0.0020	0.017	72		9.06	9.11					1							
19916	9.858	0.018	9.609	0.022	A	0.237	0.155	G	0.26	0.07	L *	9.5753	0.0027	0.027	140	*	9.53	9.63			04163+6107	H 1	2	C	D	AB	341	2.106	0.035	3.07	0.19	G D
19917	6.464	0.004	6.365	0.004	*	0.097	0.006	T	0.11	0.01	L *	6.3787	0.0013	0.009	103	*	6.36	6.39	2.84	P 1 A	04163−6057	I 1	2	C	A	AB	124	0.312	0.002	0.71	0.02	S
19918	11.779	0.091	10.069	0.032		1.455	0.079	T	2.00	0.43	K	9.8552	0.0055	0.061	117		9.77	9.96		U 2			1							
19919	10.245	0.030	8.461	0.013		1.486	0.026	T	1.51	0.04	L	8.3967	0.0020	0.015	90		8.37	8.42		C			1							
19920	9.589	0.018	8.794	0.015		0.705	0.018	T	0.76	0.01	L	8.8524	0.0019	0.018	121		8.82	8.89					1							
19921	5.821	0.003	4.556	0.003		1.078	0.005	G	1.05	0.02	A	4.5977	0.0006	0.005	107		4.59	4.61			04165−5918	I 1	1							S
19922	9.836	0.021	8.482	0.012		1.147	0.019	T	1.11	0.02	L	8.5334	0.0018	0.019	101		8.50	8.57		M			1							S
19923	7.329	0.005	7.149	0.006		0.165	0.007	T	0.18	0.01	L	7.1858	0.0011	0.012	129		7.17	7.20		C			1							S
19924	9.493	0.016	8.236	0.010		1.071	0.015	T	1.04	0.01	L	8.2932	0.0017	0.019	154		8.27	8.33					1							S
19925	8.891	0.017	8.142	0.014		0.669	0.015	G	0.73	0.01	H	8.1932	0.0023	0.009	50		8.18	8.21					1							S
19926	10.114	0.020	9.298	0.016		0.721	0.020	T	0.77	0.01	L	9.3950	0.0029	0.025	152		9.33	9.43					1	X						
19927	10.646	0.066	10.004	0.059		0.565	0.072	G	0.64	0.07	R	10.0257	0.0040	0.028	37		9.99	10.09		D			1							
19928	10.865	0.038	10.067	0.030		0.707	0.037	T	0.76	0.03	L	10.1105	0.0029	0.021	103		10.08	10.16		C			1							
19929	10.558	0.038	9.303	0.021		1.070	0.034	T	1.03	0.03	L	9.3457	0.0020	0.023	105		9.31	9.38					1							
19930	9.433	0.020	8.362	0.014		0.918	0.019	T	0.96	0.02	L	8.3960	0.0023	0.018	76		8.37	8.43					1	G						
19931			10.274	0.072		2.450	0.510	G	2.45	0.52	J	9.7522	0.1023	0.365	82		8.96	9.91	465.00	P 1 B			1	V						G P
19932	9.190	0.012	8.657	0.011		0.508	0.012	T	0.58	0.01	L	8.7291	0.0018	0.019	130		8.69	8.76					1							S
19933	8.968	0.014	7.959	0.010		0.881	0.013	T	0.89	0.01	L	7.9977	0.0016	0.012	95		7.97	8.02					1							S
19934	10.143	0.028	9.197	0.020		0.813	0.002	G	0.85	0.00	H	9.2823	0.0024	0.019	101		9.25	9.31					1							
19935	8.497	0.010	8.376	0.011		0.109	0.014	T	0.12	0.01	L	8.3951	0.0013	0.013	122		8.38	8.42		C			1							S
19936	10.645	0.035	10.345	0.043		0.285	0.052	T	0.32	0.07	L	10.3104	0.0024	0.025	133		10.27	10.35		C			1	S						G
19937	8.644	0.010	8.619	0.012		0.028	0.014	T	0.04	0.01	L	8.6403	0.0014	0.015	105		8.62	8.68					1							
19938	7.707	0.009	7.498	0.009	A	0.143	0.140	G	0.15	0.04	L *	7.5183	0.0032	0.019	73	*	7.49	7.55		U 2	04166−1005	I 1	2	C	A	AB	345	6.297	0.027	3.84	0.23	S
19939	10.355	0.034	9.419	0.024		0.813	0.032	T	0.84	0.02	L	9.4408	0.0017	0.017	122		9.41	9.48		D			1							
19940	9.286	0.014	8.715	0.013		0.537	0.014	T	0.61	0.01	L	8.8142	0.0016	0.015	112		8.78	8.84					1							S
19941	10.325	0.027	9.523	0.021		0.714	0.005	G	0.76	0.01	H	9.6394	0.0019	0.020	120		9.60	9.68		C			1							
19942	9.882	0.020	8.286	0.010		1.337	0.018	T	1.30	0.02	L	8.2971	0.0013	0.014	120		8.27	8.32					1							
19943	9.259	0.018	7.931	0.011		1.127	0.017	T	1.09	0.02	L	7.9612	0.0013	0.011	81		7.94	7.98					1							
19944	9.818	0.035	8.206	0.018		1.350	0.031	T	1.32	0.04	L	8.2346	0.0017	0.015	117		8.21	8.27					1							
19945	8.321	0.009	8.010	0.009		0.296	0.004	G	0.34	0.01	H	8.0505	0.0018	0.016	109		8.03	8.08					1							S
19946	10.815	0.067	9.938	0.052		0.783	0.063	T	0.82	0.04	L	10.0607	0.0043	0.020	42		10.04	10.10		C			1							
19947	9.914	0.024	8.022	0.011		1.572	0.021	T	1.59	0.02	L	7.9432	0.0020	0.012	77		7.92	7.96					1							
19948						1.512	0.019	G	2.16	0.15	I *	10.9549	0.0050	0.042	87	*	10.81	11.03		D	04167−1233	H 1	2	C	B	AB	89	2.414	0.019	1.10	0.12	G
19949	5.263	0.003	5.205	0.003		0.052	0.004	T	0.06	0.00	L	5.2217	0.0006	0.006	87		5.21	5.23		C			1							S
19950	11.021	0.037	9.962	0.023		0.909	0.034	T	0.95	0.04	L	10.0041	0.0030	0.036	199		9.94	10.08					1							
19951	9.207	0.028	8.670	0.022	*	0.511	0.027	T	0.58	0.03	L *	9.1113	0.0025	0.023	117	*	9.07	9.16		R	04167−4418	I 1	2	C	A	AB	349	2.025	0.004	0.36	0.02	S
19952	7.935	0.008	7.841	0.011		0.092	0.013	T	0.10	0.01	L	7.8594	0.0014	0.009	87		7.84	7.88		C			1							S
19953	10.235	0.047	8.771	0.025		1.234	0.042	T	1.19	0.04	L	8.7844	0.0022	0.015	62		8.76	8.81		C			1							
19954	10.574	0.037	9.244	0.020		1.129	0.033	T	1.09	0.03	L	9.3157	0.0025	0.024	88		9.28	9.35		C			1							
19955	8.925	0.012	8.560	0.012		0.356	0.015	T	0.42	0.02	L	8.6000	0.0016	0.015	112		8.58	8.62		C			1							
19956	9.457	0.016	7.941	0.009		1.274	0.014	T	1.23	0.01	L	7.9556	0.0015	0.012	115		7.94	7.99					1							S
19957	8.343	0.010	7.229	0.006		0.960	0.009	T	0.95	0.01	L	7.2935	0.0013	0.009	102		7.27	7.31		C			1							S
19958	11.835	0.132	9.428	0.024		2.029	0.111	T	2.44	0.22	K	9.1360	0.0032	0.023	84		9.09	9.17		U			1							
19959	12.089	0.116	10.505	0.044		1.220	0.020	G	1.37	0.04	I	10.4373	0.0039	0.045	160		10.37	10.53		R			1							G
19960	7.986	0.013	6.691	0.007		1.101	0.012	T	1.06	0.01	L	6.7375	0.0012	0.006	40		6.73	6.75		C			1							S
19961						1.391	0.020	G	1.45	0.14	K	12.3414	0.0211	0.081	37		12.18	12.47					1							G
19962	10.074	0.025	9.051	0.018		0.891	0.023	T	0.90	0.02	L	9.1291	0.0020	0.019	98		9.10	9.16		C			1							
19963	8.783	0.012	7.680	0.008		0.951	0.011	T	0.94	0.01	L	7.7424	0.0010	0.009	95		7.73	7.76					1	G						S
19964	10.650	0.024	10.206	0.026		0.419	0.033	T	0.49	0.04	L	10.2771	0.0029	0.042	258		10.20	10.35					1	X	S					G
19965	9.416	0.016	9.004	0.016		0.389	0.021	T	0.45	0.02	L	9.0501	0.0019	0.015	110		9.02	9.08		C			1							
19966	8.483	0.009	8.170	0.009		0.323	0.015	G	0.37	0.02	H	8.2136	0.0016	0.013	112		8.19	8.24					1							S
19967	10.854	0.042	9.830	0.028		0.892	0.038	T	0.90	0.03	L	9.9390	0.0021	0.025	107		9.89	9.98					1							
19968	5.529	0.002	5.664	0.003		−0.116	0.003	T	−0.10	0.00	L	5.6562	0.0006	0.006	130		5.65	5.67		C			1							S
19969	11.008	0.050	8.516	0.012		1.560	0.040	G	1.69	0.16	K	8.2836	0.0018	0.019	116		8.25	8.31		U 2			1	S						
19970	10.123	0.043	9.556	0.040		0.530	0.052	T	0.60	0.06	L	9.5594	0.0030	0.018	45		9.53	9.59		C			1							
19971	8.587	0.019	7.888	0.016		0.644	0.020	T	0.71	0.02	L	7.9754	0.0020	0.010	36		7.96	8.00					1							
19972	8.545	0.009	8.199	0.009		0.317	0.002	G	0.37	0.00	H	8.2502	0.0016	0.015	149		8.23	8.28		C			1	G						S
19973	10.028	0.016	8.866	0.011		0.997	0.015	T	0.98	0.01	L	8.9224	0.0018	0.025	208		8.88	8.97		U			1							
19974	11.576	0.117	11.107	0.125		0.437	0.107	G	0.51	0.11	R	10.9504	0.0044	0.026	47		10.87	11.02					1							G
19975	7.652	0.011	7.181	0.010	*	0.444	0.014	T	0.51	0.01	L *	7.2196	0.0012	0.009	40	*	7.21	7.23		D	04170+1941	I 1	2	C	A	AB	9	0.448	0.003	0.80	0.02	S
19976	12.036	0.154	10.622	0.064		1.602	0.143	G	2.61	0.35	I	10.4757	0.0018	0.030	102		10.42	10.53					1							G
19977	9.362	0.034	8.934	0.035		0.404	0.045	T	0.47	0.05	L	8.9500	0.0016	0.014	36		8.93	8.97		D			1	G						
19978											T	11.3863	0.0876	0.367	93		10.88	11.70	4.29	P 1 A			1							G
19979	10.557	0.059	10.006	0.056		0.516	0.073	T	0.59	0.08	L	9.6936	0.0049	0.024	35		9.67	9.75		D	04171+0409	I 1	1	X	S					G
19980	10.620	0.038	9.181	0.019		1.214	0.033	T	1.17	0.03	L	9.2282	0.0025	0.020	94		9.20	9.26					1							
19981	11.243	0.065	9.927	0.034		1.230	0.015	G	1.39	0.02	I	9.8885	0.0035	0.024	85		9.85	9.92		C	04172+2240	I 1	1							G
19982	10.313	0.029	9.481	0.023		0.733	0.028	T	0.78	0.02	L	9.5540	0.0027	0.029	144		9.51	9.60					1	S						
19983	7.148	0.005	5.844	0.003		1.108	0.005	T	1.07	0.01	L	5.8866	0.0006	0.005	116		5.88	5.90					1							S
19984	9.495	0.023	8.949	0.022		0.518	0.024	T	0.59	0.03	L	8.9908	0.0026	0.022	98		8.95	9.04					1							S
19985	7.707	0.010	7.005	0.009		0.647	0.011	T	0.71	0.01	L	7.0454	0.0020	0.009	43		7.03	7.06		C			1							S
19986	8.814	0.013	6.821	0.006		1.720	0.007	G	1.70	0.01	J	6.6951	0.0012	0.011	91		6.68	6.71		M			1							S
19987	10.541	0.045	9.701	0.033		0.755	0.042	T	0.80	0.03	L	9.8206	0.0030	0.025	84		9.77	9.86					1							
19988	11.420	0.146	10.843	0.156		0.595	0.100	G	0.67	0.09	R	11.0138	0.0059	0.026	39		10.94	11.06					1	S						G
19989	8.944	0.011	8.859	0.013		0.077	0.015	T	0.09	0.02	L	8.8719	0.0013	0.019	138		8.84	8.91		C			1							
19990	5.245	0.003	4.951	0.003		0.259	0.007	G	0.30	0.03	C	4.9992	0.0005	0.004	68		4.99	5.01					1							S
19991	8.155	0.009	8.022	0.011		0.128	0.013	T	0.14	0.01	L	8.0634	0.0048	0.036	85		8.00	8.11		U 2 C	04173+4613	I 2	1							S
19992	9.499	0.018	7.558	0.008		1.610	0.016	T	1.63	0.02	L	7.4911	0.0025	0.019	85		7.47	7.52	4.49	P 1 A			1							P
19993	11.220	0.066	10.531	0.057		0.636	0.072	T	0.70	0.06	L	10.6708	0.0392	0.353	103		10.09	11.01	0.43	P 1 A			1	S						G
19994	8.540	0.016	7.343	0.011		1.025	0.015	T	1.00	0.01	L	7.3927	0.0031	0.013	39		7.37	7.41		R			1							S
19995	9.490	0.017	8.575	0.012		0.797	0.016	T	0.83	0.01	L	8.6321	0.0016	0.016	115		8.60	8.66		C			1							
19996	7.314	0.005	6.061	0.003		1.078	0.001	G	1.00	0.04	E	6.1182	0.0009	0.007	96		6.10	6.13					1							S
19997			9.092	0.019		1.307	0.243	G	1.15	0.04	L	8.5490	0.0017	0.014	68		8.52	8.57		C			1							
19998	9.921	0.014	9.344	0.013		0.539	0.017	T	0.61	0.02	L	9.3884	0.0018	0.027	282		9.33	9.44					1	S						
19999	10.959	0.045	9.549	0.022		1.191	0.039	T	1.15	0.04	L	9.5698	0.0018	0.017	128		9.54	9.62					1							
20000	7.511	0.008	7.126	0.008		0.364	0.011	T	0.43	0.01	L	7.1733	0.0007	0.009	85		7.16	7.19		D	04173+4613	I 2	1							S

Number HIP	Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag		Position: epoch J1991.25 α (ICRS) deg	δ deg	Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ	Standard Errors α* mas	δ	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ	Astrometric Correlations (%)	Soln F1 %	F2
1 2	3	4	5	6 7	8	9 10	11	12	13	14	15	16	17	18	19 20 21 22 23 24 25 26 27 28	29	30
20001	04 17 20.04	−30 27 15.6	8.99	1 H	64.333 488 42	−30.454 322 59	2.47	16.20	1.65	0.69	0.81	1.10	0.79	1.07	− 8 − 5 + 7 + 7 + 3 + 3 + 1 +22 −15 + 8	0	0.18
*20002	04 17 20.14	−36 51 01.1	9.04	H	64.333 915 71	−36.850 307 51	20.40	79.89	30.54	0.84	0.85	1.06	0.81	0.91	−16 + 3 −10 −24 − 3 + 8 − 2 −28 + 6 − 7	0	0.45
*20003	04 17 20.11	+61 47 49.0	7.68	H	64.333 787 50	+61.796 954 58	2.69	−4.95	−1.27	0.54	0.60	0.91	0.69	0.84	+13 + 8 −25 +18 +21 −12 +13 +41 −38 +26	1	1.78
20004	04 17 21.10	+57 10 41.8	6.71	1 H	64.337 899 19	+57.178 285 70	6.94	−19.42	−13.41	0.57	0.51	0.69	0.71	0.68	+ 7 +12 −11 +40 − 9 + 2 −14 +52 −13 +23	1	0.24
20005	04 17 21.36	−19 31 27.1	8.17	G	64.339 012 70	−19.524 184 48	7.97	30.71	16.40	0.79	0.74	1.03	0.99	1.11	+ 2 +14 −16 +29 +23 + 6 +23 +53 −24 + 5	1	−0.06
20006	04 17 21.77	−19 07 41.8	10.18	H	64.340 721 22	−19.128 285 77	4.42	−2.42	−0.32	3.43	2.73	4.06	4.95	4.53	−19 +17 − 7 +42 + 3 − 7 + 4 +57 − 3 −10	0	
20007	04 17 23.30	+72 25 50.7	8.40	H	64.347 082 06	+72.430 746 63	4.60	13.34	−25.88	0.51	0.69	0.92	0.57	0.98	−17 +11 + 4 − 2 − 2 + 3 − 3 − 3 − 9 −25	0	2.56
20008 H	04 17 23.35	+62 35 21.7	8.35	G	64.347 287 42	+62.589 349 07 A	7.69	3.40	−29.50	1.41	1.67	2.01	1.75	2.17	+25 + 6 − 8 +17 +22 +16 +14 +46 −18 +39	2	0.87
20009	04 17 24.07	−45 55 56.4	10.82	G	64.350 286 29	−45.932 336 59	14.27	56.52	−182.78	1.11	1.15	1.34	1.25	1.24	+ 2 + 8 + 5 + 0 − 4 − 6 + 0 −21 − 2 +17	0	−1.51
20010	04 17 25.94	−13 28 45.5	8.39	G	64.358 085 01	−13.479 311 73	3.24	−0.79	−11.35	0.98	0.89	1.20	1.20	1.21	+28 +33 + 9 +31 +37 +21 +45 +58 +11 +10	2	−0.99
20011	04 17 27.49	+16 35 26.3	8.36	G	64.364 540 97	+16.590 627 60	6.24	−24.14	11.43	1.20	0.76	1.31	1.22	0.92	+13 +49 + 4 −10 + 4 −10 − 6 + 9 −20 +17	0	0.73
20012	04 17 27.65	+23 28 09.0	11.36	G	64.365 201 78	+23.469 158 84	28.68	488.16	−289.14	2.81	1.57	3.38	3.79	2.48	+21 +31 +13 −19 −11 +12 −16 + 1 −46 −19	0	0.01
20013	04 17 31.82	+34 56 44.4	9.38	H	64.382 570 33	+34.945 668 67	0.90	3.99	−15.09	1.32	1.02	1.43	1.38	1.14	+32 +40 +17 +26 + 2 −23 + 8 +62 + 0 +16	5	−0.33
20014	04 17 32.27	+07 56 49.3	10.59	H	64.384 441 04	+07.947 033 19	7.62	29.91	6.25	2.07	1.53	2.30	2.77	2.05	+ 1 +22 −23 + 7 − 7 −11 − 8 + 1 +10 + 8	0	2.79
20015	04 17 35.48	−71 58 39.1	9.17	2 H	64.397 820 30	−71.977 521 01	3.91	25.87	−10.85	0.85	0.75	0.83	0.89	0.92	+11 +13 − 3 −34 −10 +14 −12 −11 −14 + 8	0	0.29
20016	04 17 35.58	−52 29 01.3	8.99	H	64.398 253 77	−52.483 697 12	3.63	1.44	−9.97	0.74	0.78	0.85	0.86	0.96	+ 4 −18 −12 − 4 + 1 +10 + 3 − 8 + 2 +28	0	−0.42
20017	04 17 38.17	−21 15 00.6	8.35	H	64.409 044 53	−21.250 162 81	1.60	−10.36	11.43	0.69	0.68	1.09	0.78	0.88	−29 − 1 +10 −43 +12 + 1 +12 −20 −10 −28	0	0.20
20018	04 17 38.18	+19 33 39.4	7.61	H	64.409 080 24	+19.560 953 60	4.19	12.58	−18.16	1.01	0.75	1.09	1.22	1.01	+34 +13 −16 − 2 − 8 + 4 − 8 + 8 + 2 +32	0	0.62
20019	04 17 38.87	+16 56 52.5	8.32	1 G	64.411 969 17	+16.947 910 93	21.40	113.07	−21.39	1.14	0.77	1.24	1.27	0.94	+ 7 +41 − 8 +11 − 1 −17 − 6 +26 − 8 +15	3	0.22
20020 H	04 17 40.27	−63 15 19.8	5.88	G	64.417 771 99	−63.255 491 71 A	7.05	5.48	35.53	0.66	0.61	0.58	0.51	0.60	+ 1 + 1 + 6 −40 +17 + 1 +12 −12 − 9 +41	5	0.50
20021	04 17 40.69	+34 03 04.2	8.89	H	64.419 522 07	+34.051 175 82	2.44	−2.06	−2.03	1.01	0.75	1.13	1.17	0.92	+30 +34 − 1 +14 +13 −16 + 9 +52 −21 +20	0	0.27
20022	04 17 40.71	−23 47 54.8	9.28	H	64.419 623 90	−23.798 549 68	2.07	6.21	−13.10	0.63	0.91	1.33	0.81	1.26	+ 4 + 8 −16 + 6 +19 − 3 +18 +10 −23 +12	0	0.49
20023	04 17 40.92	+59 06 31.4	8.55	H	64.420 489 87	+59.108 726 54	7.00	1.22	−3.42	0.70	0.72	1.12	0.78	0.81	+ 0 + 5 −25 +17 −20 +24 −18 +28 − 5 +10	2	−0.70
20024 H	04 17 41.10	−35 58 01.2	9.81	H	64.421 236 54	−35.967 002 81 A	13.23	43.82	53.13	1.62	1.88	2.03	1.71	2.18	+ 5 − 5 −16 −14 − 5 +25 −10 −10 − 4 +13	1	−0.09
20025	04 17 42.99	+13 50 11.3	6.90	H	64.429 108 62	+13.836 485 71	5.80	65.11	43.63	0.97	0.68	1.07	1.06	0.94	+28 +51 − 2 +13 + 0 +12 + 2 +17 + 8 +46	0	0.72
20026	04 17 43.34	−65 42 36.1	8.88	H	64.430 567 25	−65.710 029 06	6.44	4.07	8.14	0.74	0.74	0.80	0.72	0.83	− 9 +16 −23 −14 −11 +17 −10 − 3 − 4 − 5	1	−0.84
20027	04 17 43.95	+62 20 47.9	7.15	2 H	64.433 104 61	+62.346 627 35	3.44	−1.57	−1.55	0.53	0.58	0.82	0.67	0.78	+23 + 1 −17 +13 +25 −15 +16 +41 −38 +44	3	0.38
20028	04 17 44.89	+52 22 21.7	9.55	G	64.437 027 19	+52.372 698 45	8.85	35.78	−42.90	1.10	0.83	1.38	1.27	1.13	−11 +14 −12 + 1 +12 − 3 + 9 +27 −20 − 1	0	1.03
20029	04 17 45.06	−05 08 48.2	8.91	H	64.437 738 05	−05.146 720 89	13.39	−18.32	45.57	0.97	0.80	1.25	1.40	1.19	+46 +21 +11 + 8 +19 + 7 +23 +27 − 9 +12	0	0.55
20030	04 17 45.12	−57 18 29.3	8.03	H	64.438 005 39	−57.308 148 12	2.66	6.94	6.79	0.62	0.61	0.65	0.75	0.71	+ 9 + 1 + 5 + 6 + 2 + 2 + 1 +21 − 5 +14	0	−1.07
20031	04 17 45.73	−63 54 18.4	11.44	H	64.440 535 65	−63.905 102 57	7.38	−4.50	9.25	2.80	3.25	3.21	2.94	4.00	+ 2 + 1 − 6 −18 +10 + 4 + 9 + 4 − 3 +16	3	−0.12
20032	04 17 46.70	−16 43 58.7	8.30	H	64.444 563 22	−16.732 973 83	2.15	−2.73	−15.94	0.93	0.87	1.22	1.17	1.09	−11 +22 −36 +29 +11 −15 + 0 +45 −28 − 1	0	−0.62
20033	04 17 48.15	−19 52 59.3	9.75	H	64.450 608 55	−19.883 148 90	2.31	6.95	−3.85	0.96	1.11	1.49	1.00	1.44	+ 4 +23 −10 −29 +44 −21 +38 +49 − 7 +19	1	1.67
20034	04 17 49.66	−63 54 35.0	8.23	H	64.456 928 45	−63.909 729 30	3.02	−3.29	7.22	0.63	0.67	0.69	0.59	0.75	− 5 + 3 − 5 −33 + 8 + 9 + 7 −10 − 2 + 5	0	−0.10
20035	04 17 49.99	+52 15 46.8	9.62	H	64.458 289 76	+52.262 994 96	3.44	0.50	−2.84	1.10	0.87	1.44	1.25	1.15	−11 +13 −14 + 1 + 9 + 5 + 6 +25 −22 − 1	0	1.19
20036	04 17 50.72	−34 11 11.6	7.45	2 H	64.461 349 75	−34.186 552 04	9.35	−0.73	3.82	0.46	0.55	0.67	0.55	0.71	−11 + 8 −16 +16 −15 +14 −12 + 2 + 3 + 5	0	−0.28
20037	04 17 50.74	+67 05 19.3	6.89	H	64.461 423 19	+67.088 701 87	7.33	16.16	−37.57	0.41	0.49	0.70	0.46	0.60	+ 0 +16 − 6 −19 − 4 + 8 − 5 + 1 + 7 +11	0	2.37
20038	04 17 51.27	+22 21 14.8	8.18	H	64.463 635 98	+22.354 102 01	6.68	2.80	−15.64	0.93	0.61	1.03	1.02	0.81	+41 +19 + 2 + 1 + 1 +10 − 1 +29 −12 +33	0	0.30
20039	04 17 51.85	+80 32 08.7	6.39	H	64.466 026 09	+80.535 761 06	3.45	−11.62	9.28	0.44	0.46	0.59	0.45	0.53	− 5 +28 − 7 + 2 + 9 + 5 +16 − 9 +23 + 6	1	0.45
20040	04 17 52.56	+54 28 12.0	8.48	H	64.469 017 46	+54.470 010 61	3.98	9.57	−10.82	0.83	0.67	1.11	1.04	0.85	−18 +11 − 8 −15 + 6 +24 + 5 +18 − 4 −11	0	0.00
20041	04 17 53.55	+17 23 57.6	8.76	H	64.473 137 07	+17.399 343 65	12.74	−4.62	−14.49	1.39	1.02	1.46	1.58	1.23	+26 +44 − 8 +34 +21 + 8 +13 +46 −11 +29	0	1.30
20042	04 17 53.62	−33 47 54.0	3.55	1 G	64.473 410 68	−33.798 331 45	18.27	62.31	−6.75	0.40	0.44	0.55	0.45	0.56	− 5 + 1 − 7 +19 − 2 +11 − 1 +18 − 3 +10	0	−2.82
20043	04 17 54.48	−36 05 33.6	8.73	H	64.476 984 91	−36.092 680 07	2.07	4.76	11.58	0.69	0.78	1.02	0.84	0.89	− 4 −10 −25 − 8 − 6 +28 + 0 −17 +11 − 5	0	0.27
20044	04 17 54.59	−25 58 40.0	10.04	G	64.477 437 99	−25.977 787 94	7.82	159.85	114.09	0.98	1.11	1.68	1.05	1.35	−19 +12 +16 −14 −18 + 5 −18 − 1 −17 −53	0	1.42
20045	04 17 55.36	−18 30 25.5	11.01	3 H	64.480 660 14	−18.507 083 80	0.48	15.98	11.56	1.05	0.88	1.42	1.34	1.47	− 2 +15 − 3 +25 +31 +28 +31 +37 −13 +31	0	−0.78
20046 H	04 17 55.71	+58 47 26.8	7.09	H	64.482 125 42	+58.790 765 22 A	7.55	−10.26	−2.39	1.18	0.96	1.15	1.02	0.93	− 8 + 6 −13 +21 −32 +20 −23 +21 + 0 − 7	4	0.53
20047	04 17 57.12	+24 34 40.6	9.06	H	64.488 020 25	+24.577 957 39	4.03	−0.49	−7.97	1.16	0.74	1.33	1.08	0.96	+28 +47 + 0 − 6 +12 − 7 − 2 +20 −29 +31	2	0.24
20048 H	04 17 58.36	−38 25 44.0	8.89	G	64.493 155 65	−38.428 894 49 *	25.63	−100.90	−64.56	0.74	0.84	0.98	0.92	1.14	−12 − 9 −13 −17 +15 +15 +17 −12 + 7 − 3	0	2.00
*20049	04 17 59.18	−80 12 51.1	5.67	H	64.496 569 49	−80.214 181 06	8.00	28.26	61.02	0.44	0.49	0.50	0.51	0.58	+ 1 + 4 −26 + 1 −11 + 3 −12 + 4 − 5 + 6	0	0.88
*20050	04 17 59.17	−48 23 45.3	8.74	H	64.496 536 67	−48.395 909 94	3.37	2.31	12.68	0.68	0.70	0.79	0.77	0.78	−12 − 8 − 6 − 7 −19 +25 −18 + 8 − 5 −10	0	−0.78
*20051	04 17 59.15	−56 11 11.2	8.15	H	64.496 438 47	−56.186 457 12	2.67	2.79	3.28	0.60	0.65	0.67	0.73	0.81	− 5 − 4 − 1 − 1 + 1 − 9 + 4 +18 − 6 −20	1	0.25
20052	04 18 00.10	−45 39 04.3	7.53	G	64.500 400 85	−45.651 195 80	17.96	57.07	55.37	0.50	0.52	0.60	0.57	0.57	− 4 + 1 − 2 + 5 − 6 − 3 − 4 − 6 − 2 + 6	0	−0.48
*20053	04 18 01.20	+43 41 03.4	7.78	G	64.505 001 15	+43.684 279 55	4.05	−3.14	−0.65	0.83	0.64	1.19	1.17	1.15	+11 +18 −28 + 0 +38 +17 +18 +58 −24 +54	0	0.00
*20054	04 18 01.23	−41 19 43.0	9.24	H	64.505 123 53	−41.328 618 97	1.69	5.77	−0.55	0.81	0.88	1.03	1.04	1.03	−11 − 9 −12 − 6 −21 + 9 −17 + 4 −14 − 6	3	1.60
*20055	04 18 01.10	+80 14 12.5	10.11	H	64.504 572 43	+80.236 807 34 A	1.85	24.58	−26.38	1.97	2.27	2.49	1.75	2.51	−20 +17 + 2 − 1 +11 +11 +13 + 0 +23 −13	4	0.16
20056	04 18 01.77	+18 15 24.8	7.53	H	64.507 366 33	+18.256 880 78	21.84	115.65	−31.23	1.01	0.71	1.14	1.09	0.83	− 5 +47 −31 +13 +19 − 2 + 2 +39 −31 + 9	0	1.33
20057	04 18 01.83	−17 03 49.9	8.23	H	64.507 612 85	−17.063 854 34	5.91	2.65	6.06	0.88	0.71	1.06	1.18	1.06	−19 + 3 + 4 +50 −15 −21 −15 +53 − 3 −11	0	1.37
20058	04 18 04.52	−49 28 09.3	9.18	H	64.518 846 34	−49.469 263 39	6.48	−16.61	−45.28	0.79	0.86	0.93	0.98	1.02	− 3 +20 −21 +19 − 7 + 2 − 7 − 1 + 4 − 6	0	1.92
20059	04 18 06.11	−56 59 49.6	9.06	H	64.525 463 31	−56.997 107 16	2.48	−14.66	0.28	0.81	0.82	0.86	1.07	0.99	+13 − 1 + 5 + 3 − 1 − 7 + 0 +27 −14 +15	0	0.56
20060	04 18 06.42	−24 03 37.1	8.41	G	64.526 769 27	−24.060 305 74	11.47	62.71	88.55	0.47	0.73	1.12	0.57	0.94	+ 8 + 4 −12 + 8 +16 − 3 +14 + 9 −27 +13	0	−0.23
20061	04 18 06.85	−39 34 25.7	9.00	H	64.528 547 56	−39.573 819 06	5.17	9.90	10.37	0.72	0.86	0.97	0.79	1.14	+ 3 + 1 − 6 −10 +19 + 4 +20 + 4 +15 +21	0	−0.68
20062	04 18 07.78	+09 43 42.1	8.78	H	64.532 396 35	+09.728 355 66	0.66	13.09	−8.98	1.33	0.93	1.54	1.56	1.10	+15 +40 − 3 +18 +12 −38 + 1 +43 −23 +14	0	−0.66
20063	04 18 08.09	+42 08 28.5	6.22	G	64.533 719 46	+42.141 246 24	8.39	23.04	−35.77	0.65	0.45	0.81	0.67	0.61	+14 +42 −17 + 2 + 8 −12 − 9 +33 −23 +40	0	1.81
20064	04 18 09.91	+48 05 13.2	8.59	H	64.541 272 28	+48.087 010 36	2.74	−3.20	−15.01	0.99	0.67	1.20	1.32	0.85	−12 + 0 − 5 − 5 −12 +10 − 6 +37 − 6 −25	4	−0.17
20065	04 18 10.21	+24 54 39.8	8.63	H	64.542 541 71	+24.911 064 37	4.88	1.01	0.64	1.04	0.79	1.20	1.20	0.99	+32 +34 − 7 − 2 +19 −16 + 6 +34 −20 +34	0	1.50
20066	04 18 11.02	+61 54 45.2	7.70	H	64.545 931 99	+61.912 563 35 A	4.11	−3.27	3.66	0.93	0.96	1.24	1.06	1.19	− 1 + 7 −12 +24 + 6 − 3 + 7 +27 −11 +13	1	2.04
20067	04 18 11.31	+48 43 11.8	8.01	H	64.547 118 40	+48.719 941 49	−0.93	0.33	−2.67	0.93	0.59	1.15	1.05	0.73	− 9 +16 −15 − 3 −10 + 3 −12 +31 −14 − 7	2	0.61
20068	04 18 11.39	+09 09 20.0	10.25	G	64.547 453 68	+09.155 552 93	6.13	11.70	−12.68	2.54	1.55	2.57	2.58	1.81	−18 +48 −12 +28 −24 −20 −29 +22 −14 − 3	0	1.46
20069	04 18 14.22	−14 38 19.6	6.86	1 H	64.559 260 74	−14.638 783 50	3.57	−5.48	−3.70	0.75	0.58	0.84	0.92	0.78	+16 +32 + 1 +37 +18 + 8 +20 +44 + 2 + 1	0	0.97
*20070	04 18 14.58	+50 17 44.3	4.60	1 T	64.560 731 12	+50.295 639 44 +	10.25	46.59	−56.43	0.83	0.71	0.87	1.17	0.94	− 4 +26 −17 +38 −12 − 6 −37 +21 −16 −45	0	−0.51
*20071 H	04 18 14.55	+22 48 24.9	7.56	G	64.560 613 10	+22.806 903 72 A	7.19	−9.80	−26.31	3.23	1.99	2.47	2.72	2.04	+54 − 8 −12 + 7 + 8 +23 +16 +33 −37 +38	1	−0.57
20072	04 18 14.64	+32 23 26.2	7.68	G	64.561 015 43	+32.390 604 24	7.68	0.79	−61.86	1.12	0.76	1.15	1.24	0.93	+ 5 +43 −24 +33 − 8 − 2 −21 +53 −33 +16	2	−0.64
20073	04 18 14.99	+00 13 38.6	8.52	H	64.562 440 53	+00.227 375 77	9.91	6.39	−68.57	1.01	0.75	1.14	1.06	0.99	+17 +48 −11 − 2 −14 − 1 −12 −15 + 0 +41	0	1.16
20074	04 18 15.26	−52 54 09.0	7.75	G	64.563 602 46	−52.902 486 23	13.42	49.73	72.83	0.55	0.56	0.60	0.64	0.64	− 8 + 0 − 2 + 8 −17 +11 −17 + 5 − 7 −12	0	0.92
20075	04 18 16.07	−20 42 55.1	6.00	2 H	64.566 975 03	−20.715 306 24	3.12	4.85	19.17	0.51	0.45	0.72	0.51	0.56	−17 +12 + 2 −56 +23 − 3 +21 − 4 − 4 − 9	0	0.28
20076	04 18 16.80	+29 48 25.3	9.68	H	64.569 980 35	+29.807 038 97	0.26	6.36	−6.58	1.38	0.87	1.58	1.75	1.21	+23 +30 −28 −14 −28 +14 −34 + 7 −18 +41	0	0.95
20077	04 18 18.19	−38 10 54.2	8.90	H	64.575 795 95	−38.181 709 73	8.67	12.40	−81.31	0.63	0.79	0.90	0.78	0.99	− 8 − 1 −18 −20 + 1 +17 + 5 −21 + 1 + 3	0	1.53
20078	04 18 18.55	−02 24 06.9	8.24	H	64.577 297 87	−02.401 910 28	3.54	−11.53	3.33	1.03	0.69	1.23	1.29	1.13	+30 +15 −26 +27 + 3 − 4 − 8 +23 −38 +28	0	0.13
20079	04 18 18.59	−38 06 34.6	8.12	1 H	64.577 452 14	−38.109 603 52	0.33	−1.48	−6.86	0.66	0.71	0.84	0.72	0.94	− 7 − 3 − 9 −28 +14 +10 + 9 + 6 − 1 +20	3	1.94
20080	04 18 18.99	+44 41 07.4	8.33	H	64.579 137 77	+44.685 398 63	1.25	−1.07	−1.33	0.87	0.58	1.11	1.14	0.97	− 1 +15 −14 +10 + 5 +12 − 6 +45 −14 +25	0	0.14
20081	04 18 19.18	−19 14 01.4	8.63	H	64.579 920 81	−19.233 715 09	4.15	−4.81	−1.42	0.94	0.81	1.18	1.22	1.23	−14 +12 −14 +40 + 3 + 3 + 3 +48 −27 −12	0	−0.16
20082	04 18 19.20	+16 05 18.2	9.57	H	64.579 998 04	+16.088 388 54	20.01	121.88	−19.72	1.55	1.26	1.91	2.50	2.10	+15 +12 −32 −10 −32 +42 −18 −23 +36 +59	18	3.90
20083	04 18 19.83	+33 50 51.0	8.24	G	64.582 635 65	+33.847 497 30	10.19	39.03	−62.96	0.93	0.71	1.06	1.13	0.91	+28 +10 − 7 +20 +14 −18 +11 +57 −23 +30	0	0.83
20084	04 18 20.76	+20 21 37.7	10.46	H	64.586 500 52	+20.360 480 23	25.45	−51.18	27.58	2.32	1.46	2.43	2.62	1.97	+52 +28 +10 −13 −19 −11 −22 +13 −27 +36	0	−1.21
20085 H	04 18 21.74	+37 34 37.9	8.42	H	64.590 581 74	+37.577 208 24 A	6.69	3.45	−2.79	1.34	0.95	1.38	1.68	1.18	+17 −10 − 9 − 8 + 5 +28 + 0 +45 +15 +34	0	0.40
20086	04 18 21.92	+17 25 18.3	10.01	G	64.591 330 50	+17.421 740 01	19.57	120.57	−40.55	1.65	1.19	1.86	1.86	1.48	+19 +44 − 6 + 5 + 8 −14 − 4 +22 −24 +30	3	2.67
20087	04 18 23.14	+21 34 45.8	5.64	H	64.596 423 62	+21.579 379 28 +	18.25	96.42	−33.92	3.86	1.86	0.82	0.90	3.51	−94 +49 −43 +62 −62 +34 +97 −95 +44 +67	0	−0.82
20088	04 18 23.86	−25 30 19.3	9.31	1 H	64.599 421 23	−25.505 359 88	10.39	−20.30	15.44	0.68	0.89	1.27	0.73	1.02	−13 +14 + 9 −21 − 5 + 7 − 7 −16 −12 −42	0	3.04
20089	04 18 24.64	+09 29 13.9	6.54	G	64.602 671 90	+09.487 200 98	6.20	−2.22	−16.17	0.92	0.66	1.02	1.03	0.77	+11 +43 − 8 +15 +13 −29 + 4 +37 −15 +12	0	0.38
20090	04 18 27.28	+28 06 11.6	8.41	H	64.613 685 37	+28.103 214 34	2.05	−1.63	−9.03	1.14	0.70	1.26	1.39	0.93	+ 9 +36 − 6 +22 −12 − 9 +17 +42 −20 + 0	2	3.08
20091	04 18 27.83	+25 00 14.1	8.51	G	64.615 971 27	+25.003 917 43	3.99	3.24	−4.05	1.01	0.70	1.17	1.04	0.90	+27 +36 −14 +11 +14 − 8 + 0 +39 −30 +35	0	1.55
20092	04 18 28.36	−36 30 52.0	9.56	H	64.618 154 98	−36.514 433 51	1.95	1.92	−22.96	0.84	0.90	1.13	0.91	1.04	− 8 − 5 −14 −19 − 1 + 2 − 1 −20 + 7 −13	1	−0.64
20093	04 18 28.79	−10 27 42.2	9.80	G	64.619 970 39	−10.461 736 02	26.82	163.09	−359.71	1.20	1.01	1.54	1.60	1.71	+32 +25 − 4 + 3 + 4 − 3 − 1 +27 −24 +23	2	1.62
20094	04 18 29.65	+35 59 33.1	8.36	G	64.623 547 38	+35.992 523 83	22.53	−141.19	−343.35	1.08	0.79	1.22	1.01	1.00	+37 +44 −14 +11 +27 − 7 + 8 +46 −24 +59	0	−1.54
20095	04 18 30.46	+49 51 52.9	8.56	2 H	64.626 926 94	+49.864 694 03	3.97	7.19	−10.28	1.07	0.67	1.24	1.33	0.94	−35 +31 −27 +28 −28 − 1 −35 +36 −23 −36	0	0.48
20096	04 18 30.88	+43 43 37.6	7.43	H	64.628 658 06	+43.727 104 52	6.37	30.99	−26.63	0.78	0.52	1.03	0.98	0.88	+ 3 + 4 −24 −17 +27 +20 +12 +42 −27 +44	0	0.08
20097	04 18 31.10	+28 27 16.4	10.78	2 H	64.629 594 09	+28.454 547 39	7.31	6.04	−27.44	1.79	1.26	2.07	2.38	1.77	+24 +11 −17 + 8 + 4 −14 + 0 +34 −24 +26	0	−0.28
20098	04 18 31.65	+12 34 00.1	8.36	H	64.631 872 92	+12.566 702 32	3.99	−8.74	−8.19	1.07	0.84	1.22	1.51	1.28	+27 +23 −16 − 5 −16 +18 −11 − 3 +16 +50	0	−1.95
20099	04 18 32.24	+04 57 06.8	7.85	H	64.634 340 17	+04.951 895 72	1.03	18.60	16.31	1.01	0.86	1.19	1.51	1.22	+11 − 4 −39 + 8 −22 +20 −16 −17 +25 +20	0	−0.47
20100	04 18 32.35	+52 01 31.5	7.68	H	64.634 797 80	+52.025 409 30	2.28	5.56	−11.18	0.75	0.58	0.95	0.82	0.78	−13 +29 −23 + 6 +12 − 5 + 4 +34 −20 + 6	0	1.22

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No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
20001	10.987	0.045	9.165	0.017		1.547	0.040	T	1.76	0.12	O	9.0875	0.0028	0.027	141		9.05	9.13		U		1							
20002	10.046	0.027	9.130	0.020		0.797	0.026	T	0.83	0.02	L	9.1796	0.0020	0.020	111		9.13	9.21				1							
20003	9.157	0.015	7.815	0.009		1.138	0.014	T	1.10	0.01	L	7.8448	0.0010	0.010	128		7.83	7.86				1							
20004	6.738	0.005	6.704	0.005		0.036	0.007	T	0.05	0.01	L	6.7320	0.0025	0.018	117		6.69	6.75	3.80	P 1 A		1							S P
20005	8.595	0.009	8.206	0.010		0.387	0.015	G	0.45	0.02	H	8.2548	0.0017	0.019	144		8.22	8.29				1							S
20006	11.163	0.057	10.323	0.042		0.755	0.054	T	0.80	0.04	L	10.3215	0.0046	0.042	138		10.24	10.40				1 X							
20007	8.622	0.008	8.407	0.009		0.205	0.011	T	0.23	0.01	L	8.4646	0.0014	0.015	165		8.43	8.49		C		1							
20008	8.979	0.012	8.410	0.011	A	0.561	0.015	G	0.63	0.01	H *	8.4224	0.0014	0.015	124	*	8.39	8.45		D	04174+6235	I 1	2 C A	AB	119	9.009	0.024	2.87	0.13	
20009	12.046	0.139	10.886	0.074		0.991	0.005	G	1.03	0.01	I	10.9706	0.0040	0.033	119		10.90	11.02				1							G
20010	8.667	0.011	8.402	0.012		0.236	0.015	G	0.26	0.02	H	8.4539	0.0021	0.016	83		8.42	8.49		C		1							S
20011	8.916	0.022	8.383	0.020		0.505	0.015	G	0.58	0.02	H	8.4573	0.0021	0.011	42		8.44	8.47		C		1							
20012						1.240	0.015	G	1.40	0.02	I	11.4477	0.0074	0.034	63		11.37	11.52		C		1							G
20013	9.658	0.026	9.419	0.030		0.228	0.037	T	0.25	0.05	L	9.4503	0.0021	0.016	66		9.42	9.48		C		1							
20014	11.397	0.122	10.671	0.102		0.666	0.128	T	0.73	0.11	L	10.7322	0.0045	0.034	48		10.68	10.77		C		1							G
20015	10.384	0.032	9.260	0.021		0.960	0.030	T	0.95	0.02	L	9.3200	0.0071	0.067	91		9.24	9.44	15.62	P 1 A		1							
20016	10.529	0.036	9.154	0.019		1.164	0.032	T	1.13	0.03	L	9.1618	0.0021	0.020	94		9.12	9.19		C		1							
20017	9.802	0.015	8.483	0.009		1.120	0.014	T	1.08	0.01	L	8.5240	0.0018	0.019	174		8.50	8.56		C		1							
20018	9.321	0.023	7.788	0.013		1.288	0.021	T	1.25	0.02	L	7.7659	0.0019	0.009	45		7.76	7.78		C		1							S
20019	9.279	0.022	8.407	0.017		0.756	0.004	G	0.80	0.00	H	8.4635	0.0035	0.021	47		8.44	8.50	5.50	P 1 A		1							
20020	5.753	0.004	5.812	0.005	*	−0.061	0.009	G	−0.04	0.01	H *	5.8569	0.0006	0.005	113	*	5.85	5.87		D	04177−6315	I 1	2 C A	AB	3	4.133	0.004	1.80	0.02	S
20021	9.023	0.016	8.881	0.019		0.137	0.023	T	0.15	0.02	L	8.9359	0.0021	0.014	67		8.91	8.96		C		1							
20022	11.043	0.042	9.387	0.016		1.385	0.035	T	1.36	0.04	L	9.4265	0.0024	0.027	185		9.38	9.48				1							
20023	9.093	0.013	8.594	0.012		0.469	0.016	T	0.54	0.02	L	8.6569	0.0018	0.016	107		8.63	8.69		C		1							
20024	11.057	0.056	9.990	0.033	*	0.915	0.051	T	0.96	0.06	L *	9.9544	0.0036	0.028	133	*	9.91	10.00		D	04177−3558	I 1	2 C A	AB	282	1.036	0.012	1.71	0.06	
20025	8.203	0.017	7.044	0.010		0.993	0.012	G	1.15	0.06	F	7.0671	0.0023	0.009	36		7.05	7.08				1							S
20026	9.466	0.017	8.925	0.016		0.514	0.017	T	0.59	0.02	L	8.9922	0.0022	0.017	108		8.96	9.02		C		1							
20027	9.755	0.017	7.338	0.006		2.038	0.015	T	3.16	0.03	O	7.0011	0.0039	0.036	118		6.94	7.06		U 2 C		1 S							S
20028	10.146	0.028	9.572	0.026		0.510	0.015	G	0.58	0.02	H	9.6678	0.0021	0.019	100		9.64	9.70		C		1							G
20029	9.464	0.017	8.933	0.016		0.498	0.021	T	0.57	0.02	L	9.0192	0.0027	0.020	105		8.99	9.06				1							S
20030	10.019	0.024	8.207	0.010		1.508	0.021	T	1.54	0.03	L	8.1602	0.0014	0.014	111		8.14	8.19				1							S
20031											T	11.5798	0.0115	0.121	111		11.21	11.75		D	04178−6355	I 2	1 S						
20032	9.775	0.024	8.428	0.014		1.142	0.022	T	1.11	0.02	L	8.4690	0.0023	0.018	73		8.45	8.51				1							S
20033	10.065	0.023	9.788	0.026		0.247	0.015	G	0.28	0.02	H	9.8245	0.0020	0.027	145		9.76	9.87				1							
20034	9.953	0.023	8.372	0.012		1.330	0.134	G	1.34	0.08	L	8.3761	0.0013	0.015	120		8.35	8.40		D	04178−6355	I 2	1						
20035	9.857	0.025	9.601	0.028		0.244	0.035	T	0.27	0.04	L	9.6945	0.0033	0.022	99		9.66	9.73		C		1							G
20036	7.877	0.007	7.501	0.007		0.380	0.015	G	0.44	0.02	H	7.5436	0.0028	0.026	136		7.49	7.58		U 2		1							S
20037	6.855	0.004	6.891	0.004		−0.021	0.002	G	0.00	0.00	H	6.8953	0.0009	0.010	173		6.88	6.91			04178+6705	I 1	1						S
20038	8.861	0.012	8.239	0.011		0.579	0.014	T	0.65	0.01	L	8.3021	0.0013	0.011	91		8.29	8.32		C		1							S
20039	7.586	0.006	6.490	0.004		0.947	0.006	T	0.94	0.00	L	6.5511	0.0007	0.006	155		6.54	6.56		C		1							S
20040	10.713	0.044	8.672	0.015		1.690	0.037	T	1.71	0.04	L	8.5881	0.0021	0.016	92		8.55	8.62		C		1							
20041	9.460	0.021	8.823	0.019		0.586	0.021	T	0.66	0.02	L	8.8881	0.0024	0.013	54		8.86	8.91				1 G							
20042	3.426	0.002	3.536	0.002		−0.108	0.002	G	−0.09	0.02	A	3.5167	0.0005	0.005	134		3.51	3.52		M	04179−3348	I 1	1						S
20043	10.453	0.031	8.885	0.015		1.315	0.027	T	1.28	0.03	L	8.8803	0.0025	0.020	126		8.85	8.92				1							
20044	10.919	0.037	10.096	0.028		0.712	0.015	G	0.76	0.01	H	10.1831	0.0028	0.039	188		10.09	10.25				1							
20045						1.500	0.510	G	4.63	0.96	K	10.1245	0.0112	0.873	156		8.23	11.15	299.70	P 1 B		1 S							G P
20046	7.244	0.007	7.116	0.007	*	0.124	0.009	T	0.14	0.01	L *	7.1349	0.0008	0.008	116	*	7.12	7.15		D	04179+5847	I 1	2 C A	AB	97	0.476	0.002	0.50	0.01	S
20047	9.341	0.020	9.120	0.024		0.384	0.015	G	0.45	0.02	H	9.1490	0.0023	0.014	68		9.11	9.17		C		1							
20048	10.173	0.022	9.000	0.014	*	1.052	0.020	G	1.11	0.03	I *	9.0193	0.0023	0.025	134	*	8.98	9.07			04180−3826	H 1	2 C S A	AB	230	0.136	0.018	0.98	0.55	
20049	6.727	0.005	5.779	0.003		0.836	0.004	T	0.85	0.00	L	5.8246	0.0011	0.008	92		5.81	5.84				1							S
20050	8.733	0.011	8.736	0.014		−0.019	0.007	G	0.00	0.01	H	8.7458	0.0017	0.016	109		8.72	8.79				1							
20051	9.871	0.021	8.303	0.011		1.315	0.019	T	1.28	0.02	L	8.3055	0.0020	0.017	106		8.29	8.34				1							
20052	8.319	0.008	7.604	0.007		0.629	0.017	G	0.67	0.02	A	7.6627	0.0012	0.012	137		7.64	7.69		C		1							S
20053	7.955	0.008	7.797	0.009		0.160	0.015	G	0.18	0.01	H	7.8385	0.0013	0.011	120		7.81	7.85		C		1							S
20054	10.591	0.033	9.362	0.019		1.050	0.030	T	1.02	0.03	L	9.4094	0.0023	0.022	111		9.36	9.45				1							
20055	11.330	0.056	10.177	0.032	A	0.990	0.050	T	0.97	0.04	L	10.2766	0.0131	0.035	143	A	10.19	10.34			04180+8014	H 1	2 C A	AB	115	12.907	0.037	2.29	0.11	G
20056	8.370	0.018	7.598	0.014		0.681	0.000	G	0.74	0.00	H	7.6614	0.0027	0.013	41		7.65	7.68				1							S
20057	8.351	0.010	8.250	0.011		0.091	0.014	T	0.10	0.01	L	8.2713	0.0019	0.017	101		8.24	8.31				1							S
20058	9.622	0.017	9.210	0.018		0.403	0.020	T	0.47	0.02	L	9.2760	0.0018	0.020	105		9.23	9.31		D		1							S
20059	10.600	0.035	9.193	0.018		1.189	0.031	T	1.15	0.03	L	9.2321	0.0024	0.021	107		9.20	9.27				1							
20060	8.967	0.009	8.439	0.008		0.498	0.015	G	0.57	0.02	H	8.5091	0.0015	0.019	218		8.48	8.55		C		1							S
20061	9.565	0.017	9.078	0.017		0.458	0.022	T	0.53	0.02	L	9.1028	0.0022	0.020	112		9.06	9.15				1							
20062	10.230	0.042	8.930	0.024		1.105	0.038	T	1.07	0.04	L	8.9509	0.0029	0.013	47		8.93	8.97		C		1							
20063	6.122	0.004	6.192	0.005		−0.072	0.004	G	−0.05	0.00	H	6.1997	0.0006	0.008	92		6.19	6.21				1							S
20064	8.833	0.012	8.602	0.013		0.220	0.017	T	0.24	0.02	L	8.6577	0.0020	0.015	99		8.63	8.68				1							
20065	10.366	0.045	8.824	0.022		1.295	0.039	T	1.25	0.04	L	8.7920	0.0011	0.012	73		8.76	8.81		D		1 G							
20066	7.668	0.007	7.672	0.008	A	0.001	0.010	T	0.02	0.01	L	7.7070	0.0065	0.013	129	A	7.69	7.73			04182+6155	I 1	2 C C	AB	21	11.578	0.042	3.75	0.20	S
20067	9.191	0.015	8.151	0.011		0.904	0.014	T	0.91	0.01	L	8.1638	0.0011	0.012	95		8.15	8.19		C		1							
20068	11.885	0.173	10.426	0.066		1.220	0.020	G	1.18	0.02	H	10.4236	0.0035	0.023	47		10.39	10.46		C		1							G
20069	8.070	0.011	6.966	0.006		0.952	0.010	T	0.94	0.01	L	7.0248	0.0017	0.012	92		7.01	7.05		M		1							S
20070	4.667	0.004	4.604	0.003		0.043	0.004	G	0.16	0.03	C	4.6223	0.0031	0.020	90		4.59	4.65	1.53	P 1 A		1 O							S P
20071	8.220	0.011	7.641	0.012	*	0.549	0.015	G	0.62	0.01	H *	7.6836	0.0016	0.009	76	*	7.67	7.70		D	04182+2248	I 1	2 C A	AB	64	0.394	0.005	0.20	0.03	S
20072	8.030	0.013	7.726	0.011		0.312	0.015	G	0.36	0.02	H	7.7545	0.0015	0.010	69		7.74	7.77		C		1 G							S
20073	9.277	0.022	8.589	0.019		0.635	0.024	T	0.70	0.02	L	8.6560	0.0015	0.010	48		8.64	8.68		C		1							S
20074	8.277	0.009	7.797	0.009		0.466	0.006	G	0.54	0.01	H	7.8462	0.0008	0.011	105		7.83	7.86		C		1							S
20075	8.117	0.008	6.235	0.006		1.597	0.008	T	2.57	0.03	O	5.9987	0.0043	0.054	178		5.94	6.10		U 2		1 S							S
20076	10.057	0.030	9.695	0.034		0.343	0.042	T	0.40	0.06	L	9.7719	0.0021	0.018	73		9.73	9.80		C		1							G
20077	9.461	0.014	8.944	0.014		0.495	0.015	T	0.57	0.02	L	9.0073	0.0017	0.019	135		8.96	9.04		C		1							
20078	8.391	0.012	8.250	0.014		0.136	0.017	T	0.15	0.02	L	8.2885	0.0016	0.011	68		8.27	8.31		C		1							
20079	10.113	0.022	8.274	0.010		1.530	0.019	T	1.57	0.04	L	8.2462	0.0020	0.021	133		8.21	8.28		U		1							S
20080	8.519	0.009	8.347	0.011		0.180	0.015	G	0.20	0.02	H	8.3884	0.0012	0.014	113		8.37	8.41		C		1							
20081	10.530	0.033	8.784	0.014		1.456	0.028	T	1.46	0.04	L	8.7635	0.0021	0.021	120		8.74	8.81				1							
20082	10.650	0.071	9.644	0.048		0.980	0.005	G	1.02	0.01	I	9.7157	0.0035	0.019	36		9.68	9.76				1							
20083	8.845	0.014	8.302	0.014		0.554	0.015	G	0.63	0.01	H	8.3615	0.0015	0.012	76		8.34	8.38		C		1							
20084	12.298	0.252	10.768	0.099		1.285	0.213	T	1.24	0.22	L	10.6082	0.0077	0.050	76		10.53	10.68		R		1							G
20085	8.851	0.022	8.442	0.026	*	0.387	0.031	T	0.45	0.03	L *	8.5100	0.0018	0.012	76	*	8.48	8.55		D	04184+3735	I 1	2 C A	AB	33	5.539	0.014	2.98	0.09	
20086	11.468	0.102	10.148	0.052		1.097	0.009	G	1.06	0.01	I	10.1269	0.0034	0.024	53		10.09	10.17		C		1 S							G
20087	5.980	0.004	5.669	0.004		0.277	0.004	G	0.34	0.03	C	5.7131	0.0007	0.005	102		5.70	5.72		C	04184+2135	I 1	1 O						S
20088	9.986	0.018	9.355	0.016		0.582	0.018	T	0.65	0.02	L	9.4297	0.0022	0.032	193		9.40	9.49		U		1							S
20089	6.759	0.005	6.576	0.006		0.165	0.009	G	0.18	0.01	H	6.6004	0.0012	0.008	43		6.59	6.61		C		1							S
20090	11.001	0.062	8.678	0.016		1.910	0.015	G	1.89	0.01	J	8.5035	0.0022	0.016	80		8.47	8.53				1							
20091	9.173	0.021	8.580	0.020		0.530	0.020	G	0.60	0.02	H	8.6252	0.0021	0.013	63		8.60	8.65		C		1							
20092	10.763	0.042	9.635	0.026		0.971	0.038	T	0.96	0.03	L	9.7316	0.0017	0.023	120		9.70	9.77		C		1							
20093	11.099	0.065	10.007	0.040		1.047	0.004	G	1.10	0.01	I	9.9316	0.0031	0.024	81		9.89	9.96				1							
20094	9.167	0.016	8.398	0.014		0.670	0.015	G	0.73	0.01	H	8.4837	0.0018	0.013	68		8.46	8.52		C		1							
20095	10.737	0.052	8.870	0.020		1.584	0.046	T	3.06	0.06	O	8.4619	0.0043	0.038	96		8.40	8.53		U 2		1 S							
20096	7.704	0.006	7.443	0.007		0.249	0.009	T	0.28	0.01	L	7.5007	0.0011	0.010	121		7.48	7.52				1							S
20097	12.292	0.225	10.711	0.084		1.330	0.199	T	1.29	0.23	L	10.9052	0.0077	0.110	78		10.82	11.17	3.74	P 1 A		1 S							G P
20098	9.804	0.027	8.466	0.016		1.135	0.025	T	1.10	0.03	L	8.5315	0.0021	0.014	47		8.51	8.55		C		1							S
20099	9.746	0.028	7.981	0.013		1.471	0.024	T	1.48	0.04	L	7.9798	0.0017	0.011	49		7.96	8.00		C		1							
20100	9.216	0.014	7.812	0.009		1.187	0.013	T	1.15	0.01	L	7.8439	0.0012	0.010	103		7.82	7.86		C		1							S

Number HIP	Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag		Position: epoch J1991.25 α (ICRS) deg	δ deg	Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ	Standard Errors α* mas	δ	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ	Astrometric Correlations (%)	Soln F1 %	F2
1 2	3	4	5	6 7	8	9 10	11	12	13	14	15	16	17	18	19 20 21 22 23 24 25 26 27 28	29	30
20101	04 18 32.67	−58 25 01.5	8.38	H	64.636 132 01	−58.417 094 95	2.95	−1.18	−3.39	0.71	0.65	0.73	0.74	0.74	−14 +17 + 5 −10 − 6 −10 − 6 − 4 + 4 −12	0	0.42
20102	04 18 33.83	+02 28 14.5	7.53	H	64.640 943 16	+02.470 697 23	6.01	−2.65	−65.98	1.05	0.72	1.13	1.33	0.91	− 4 +40 −12 + 0 + 5 +14 − 2 + 0 −20 −15	0	−1.09
20103	04 18 34.36	+52 58 26.9	8.27	H	64.643 158 76	+52.974 138 58	1.61	1.88	−1.01	0.87	0.68	1.20	1.34	1.11	− 9 − 8 + 2 − 2 + 7 +25 +16 +30 −39 −36	0	0.34
20104	04 18 34.57	+05 43 04.4	8.30	G	64.644 030 29	+05.717 876 79	11.13	18.80	27.68	1.12	0.88	1.43	1.32	1.35	+13 +43 −26 +13 −22 +23 + 5 −17 +44 +51	7	−1.80
20105 H	04 18 35.81	+60 29 38.0	7.33	H	64.649 208 84	+60.493 876 11 A	4.72	16.65	−12.98	1.59	1.82	1.77	1.27	1.44	− 3 +14 − 3 +13 −13 + 7 −21 +21 − 3 −11	0	−0.72
20106	04 18 37.46	−22 58 11.4	6.09	H	64.656 080 26	−22.969 828 50	10.86	51.96	43.85	0.49	0.46	0.69	0.54	0.58	−25 +17 − 8 −33 +22 − 3 +18 + 3 −19 −20	0	0.72
20107 H	04 18 38.35	−48 35 26.7	8.15	H	64.659 803 53	−48.590 749 75 *	2.47	−2.55	14.90	0.63	0.71	0.77	0.74	0.80	− 5 −15 − 8 −19 −16 +31 −13 + 0 − 2 −11	0	0.40
20108	04 18 39.84	+53 30 55.4	7.61	H	64.666 004 67	+53.515 378 72	1.61	−10.84	−15.41	0.82	0.63	1.08	1.23	0.96	−10 +11 −27 − 1 + 1 +13 + 8 +42 −37 −32	0	−0.25
20109 H	04 18 39.98	−52 51 37.0	6.08	G	64.666 586 53	−52.860 274 88 A	13.49	45.84	73.10	0.53	0.51	0.52	0.53	0.52	− 7 + 4 + 6 + 1 − 3 +12 − 4 − 9 −15 − 3	2	−0.87
20110	04 18 41.47	−77 03 22.4	8.64	H	64.672 799 46	−77.056 220 05	3.06	−9.99	15.52	0.67	0.72	0.75	0.70	0.87	−15 +28 −22 −15 + 6 − 3 + 6 −12 − 1 −18	0	0.87
20111 H	04 18 41.82	+04 45 02.7	8.79	H	64.674 237 82	+04.750 739 13 A	4.17	16.37	−18.45	2.09	1.62	2.12	2.77	2.09	+18 − 4 −29 −23 −21 +29 −15 −20 +16 +19	0	0.00
20112 H	04 18 42.70	−46 38 55.2	9.81	H	64.677 920 73	−46.648 653 51 A	0.69	7.16	9.89	1.95	2.10	2.11	1.91	1.94	+ 4 −11 +17 −18 − 4 + 2 − 4 −26 + 1 +21	3	1.40
20113	04 18 44.13	+03 08 56.9	8.26	H	64.683 874 60	+03.149 125 59	8.28	62.29	−33.46	1.15	0.80	1.36	1.24	1.00	+ 1 +47 −19 +12 + 0 −10 −19 +21 −37 +10	3	1.75
20114	04 18 46.78	−17 42 33.6	7.54	H	64.694 898 88	−17.709 331 31	4.49	76.23	−21.71	0.73	0.58	0.95	0.83	0.92	−30 +33 −21 +25 + 4 + 3 − 2 +47 −12 + 1	0	0.03
20115 H	04 18 47.50	−11 44 13.4	8.66	H	64.697 901 40	−11.737 049 92 *	6.10	6.11	−0.76	2.04	2.29	1.79	1.57	1.66	+23 +37 −14 +31 +19 +11 +29 +63 − 5 −14	1	−0.25
20116	04 18 47.63	−34 07 16.7	7.86	H	64.698 469 90	−34.121 291 99	3.65	20.41	20.26	0.53	0.64	0.78	0.63	0.81	− 7 + 6 −28 +13 −20 +17 −16 + 5 + 0 + 8	0	−0.91
20117 H	04 18 48.15	−54 08 07.9	7.16	H	64.700 608 10	−54.135 540 12 A	8.56	−15.90	19.61	1.30	1.07	0.76	0.83	0.82	−40 + 5 + 3 −12 +10 − 2 +13 − 2 + 3 −20	2	0.61
20118	04 18 49.91	−53 32 48.0	8.39	H	64.707 949 26	−53.546 653 30	3.47	24.35	25.35	0.64	0.64	0.69	0.78	0.80	− 5 − 2 − 8 −11 −13 + 1 −10 + 9 + 1 −19	1	0.66
20119	04 18 50.37	+65 15 06.6	8.00	G	64.709 864 29	+65.251 832 37	3.72	14.62	−28.69	0.61	0.59	0.97	0.64	0.72	+16 + 0 + 0 −50 + 8 + 3 + 4 +13 + 7 +27	0	0.40
20120	04 18 51.39	−49 50 20.1	8.77	H	64.714 130 96	−49.838 915 13	6.21	21.01	7.22	0.69	0.75	0.79	0.85	0.95	− 1 + 5 − 3 +14 − 4 − 4 − 6 −22 − 3 − 4	0	1.32
20121	04 18 51.39	−43 37 20.0	8.82	H	64.714 141 13	−43.622 234 85	6.39	1.45	4.70	0.70	0.64	0.82	0.80	0.72	+ 2 + 0 + 1 + 0 −13 +15 −12 + 5 −17 − 2	0	−1.23
20122	04 18 51.45	+01 23 36.4	12.26	G	64.714 391 83	+01.393 456 31	11.94	−1.92	−59.24	4.72	3.30	4.95	5.43	4.14	−12 +45 −32 +12 −11 + 9 −13 + 9 −11 + 9	7	0.19
20123	04 18 51.60	−26 44 23.8	10.89	H	64.714 993 10	−26.739 930 75	5.16	16.28	−2.09	3.67	4.48	6.14	4.64	5.26	−17 +10 −10 −26 + 0 +14 + 1 −22 − 8 −28	2	
20124	04 18 52.93	−26 44 00.5	9.07	G	64.720 531 20	−26.733 482 84	5.55	26.72	−16.68	0.73	0.89	1.26	0.99	1.12	−14 +14 − 7 −18 − 5 +11 − 5 −14 −13 −20	0	1.06
*20125	04 18 54.92	+01 46 24.6	7.87	G	64.728 814 56	+01.773 506 46	3.07	−9.13	−18.43	1.25	0.77	1.20	1.41	0.96	−26 +51 −28 −12 + 8 + 2 +10 − 9 + 5 −11	0	0.60
*20126	04 18 54.90	−24 09 16.4	8.40	H	64.728 762 75	−24.154 560 92	3.09	15.34	−22.48	0.47	0.78	1.17	0.58	1.01	+16 + 2 −11 +11 +14 + 1 +13 + 5 −25 +18	0	1.45
20127	04 18 55.06	−00 55 27.3	7.79	H	64.729 408 21	−00.924 258 61	3.38	−8.06	−10.53	0.97	0.76	1.10	1.24	1.01	+10 +17 −32 +28 + 5 −16 − 2 +18 −30 +35	0	1.70
20128	04 18 56.88	+07 16 15.8	9.30	H	64.737 002 00	+07.271 044 96	4.44	18.60	−12.08	1.62	1.36	1.82	2.48	2.34	+40 +13 −18 +13 − 7 −12 − 8 + 2 + 1 +67	0	−0.88
20129	04 18 57.71	+70 09 34.3	9.27	H	64.740 478 45	+70.159 538 55	−0.54	27.46	−34.03	0.58	0.90	1.18	0.60	0.97	−21 +19 −18 − 5 +10 + 2 +14 − 8 +16 −13	1	1.38
20130	04 18 57.90	+19 54 24.4	8.62	G	64.741 268 91	+19.906 789 65	23.53	113.95	−36.39	1.28	0.82	1.25	1.54	1.22	+52 +10 − 7 −18 −26 + 7 −30 − 1 + 3 +50	0	−0.93
20131	04 18 58.94	+01 45 01.5	7.82	G	64.745 600 10	+01.750 418 65	2.85	9.74	−4.52	1.23	0.77	1.20	1.37	0.94	−24 +50 −30 −12 + 8 + 2 +10 − 8 + 4 −10	0	0.02
20132	04 19 00.62	−75 43 05.1	8.44	G	64.752 600 58	−75.718 078 88	8.65	10.16	8.70	0.66	0.64	0.69	0.71	0.75	− 5 +29 −13 −29 + 3 − 7 + 2 +10 + 1 − 1	0	1.06
20133	04 19 00.89	+41 32 28.2	8.16	H	64.753 726 39	+41.541 154 89	2.39	2.17	2.17	1.01	0.72	1.26	1.04	0.90	+14 +34 −22 + 1 +15 + 9 + 4 +49 −29 +24	0	0.23
20134 H	04 19 00.97	−17 51 03.3	7.37	H	64.754 028 58	−17.850 915 70 A	1.98	9.29	5.68	0.94	0.76	1.05	0.97	1.02	−30 +29 −15 +30 − 5 −12 − 9 +47 − 3 −10	1	−1.49
20135	04 19 01.05	+10 09 15.1	9.63	H	64.754 373 18	+10.154 206 99	−0.18	7.06	−10.17	1.49	1.12	1.78	1.68	1.45	+25 +36 + 7 − 4 +25 − 7 + 8 +14 −43 +13	0	−2.71
20136	04 19 01.17	+21 17 58.0	8.20	G	64.754 856 99	+21.299 435 80	9.99	37.36	−40.48	1.08	0.74	1.11	1.18	1.04	+57 +20 + 4 +13 +15 − 5 +10 +48 −17 +51	2	−0.19
20137 H	04 19 02.71	−07 25 23.5	7.99	H	64.761 276 83	−07.423 207 26 A	5.90	−13.60	37.35	1.19	0.99	1.33	1.60	1.58	+22 +17 − 9 − 4 −14 +10 −15 − 6 − 4 + 3	1	−0.19
20138 H	04 19 02.89	−33 54 16.7	6.36	G	64.762 040 95	−33.904 627 85 A	8.61	−2.11	4.53	0.50	0.60	0.68	0.55	0.71	−11 +14 −14 +15 −17 +15 −11 − 5 + 2 +12	1	−0.54
20139	04 19 04.16	+24 01 40.7	7.86	H	64.767 326 27	+24.027 982 11	5.98	17.27	−13.80	0.94	0.61	1.07	0.92	0.84	+36 +45 +13 −13 + 3 − 6 −10 + 9 −33 +33	0	0.02
20140 H	04 19 04.49	−31 19 38.0	7.83	H	64.768 699 03	−31.327 235 59 *	3.39	−3.83	62.30	0.93	1.48	0.90	0.65	0.81	−12 +12 + 0 +35 −16 +21 −19 +27 + 5 − 2	2	−0.53
20141	04 19 04.72	+02 40 15.9	9.41	H	64.769 664 65	+02.671 094 87	3.56	−12.08	−17.53	1.53	1.10	1.63	1.91	1.38	+ 4 +30 −14 +27 − 6 + 4 −11 +13 −19 + 1	0	0.22
20142	04 19 05.70	−04 08 55.6	10.62	H	64.773 740 76	−04.148 776 33	35.16	98.40	−13.57	1.66	1.06	1.84	2.41	1.80	+62 + 4 + 0 +12 + 4 −17 + 5 +21 −11 +35	0	0.48
20143	04 19 05.98	−78 02 19.9	8.07	H	64.774 920 74	−78.038 853 35	1.30	−13.26	−8.43	0.61	0.70	0.70	0.64	0.84	− 8 +18 −23 −12 −12 − 4 −14 + 6 + 0 −13	0	−1.02
20144	04 19 06.36	−79 31 15.5	6.96	H	64.776 489 38	−79.520 977 01	10.09	−11.56	15.30	0.48	0.54	0.57	0.53	0.62	+ 3 + 4 −36 −20 −16 +21 −14 +10 − 7 +15	0	0.20
20145	04 19 07.27	−47 34 03.9	7.08	H	64.780 302 37	−47.567 760 25	2.39	0.45	15.44	0.56	0.55	0.63	0.63	0.59	− 8 +10 − 3 + 5 −23 +17 −23 +13 − 5 − 8	0	0.86
20146	04 19 07.94	+17 31 29.4	8.47	H	64.783 078 34	+17.524 821 83	21.24	112.80	−29.89	1.21	0.83	1.32	1.42	1.10	+ 8 +48 − 9 + 5 + 8 − 2 − 1 +30 −14 +16	4	−0.13
20147	04 19 08.14	−13 19 45.2	8.99	H	64.783 919 64	−13.329 208 93	4.93	−2.92	−56.05	1.07	0.98	1.42	1.45	1.30	+18 +25 + 2 +10 +33 +33 +37 +44 + 1 + 8	0	2.17
20148	04 19 08.50	−26 59 09.7	9.73	H	64.785 412 18	−26.986 030 75	3.63	21.65	61.29	0.76	0.97	1.35	0.98	1.30	−12 − 1 − 4 −11 + 4 +21 + 6 − 6 −13 −21	0	1.86
20149	04 19 08.66	−62 26 37.3	8.15	H	64.786 064 47	−62.443 684 62	2.74	19.16	15.59	0.60	0.62	0.67	0.60	0.72	+ 2 − 2 −14 −29 +25 − 5 +16 + 4 −11 +43	0	0.58
20150	04 19 09.04	+13 43 14.3	7.75	H	64.787 667 88	+13.720 634 82	12.47	11.00	−10.77	1.04	0.70	1.13	1.13	0.97	+28 +49 − 2 + 0 −10 + 6 −11 + 4 − 1 +42	0	0.67
20151	04 19 11.12	+07 41 19.1	10.42	H	64.796 342 54	+07.688 628 19	8.78	2.64	11.72	2.15	1.74	2.64	3.23	2.68	+18 +10 −34 + 9 − 3 − 8 − 5 + 2 +18 +39	0	−0.22
20152	04 19 11.18	−33 10 53.3	9.75	H	64.796 571 41	−33.181 473 86	6.40	−24.41	−6.35	0.88	1.07	1.37	0.96	1.33	−15 +18 − 5 +11 − 4 +19 − 2 + 2 + 2 + 4 − 5	0	2.45
20153	04 19 11.58	−58 44 48.0	7.99	H	64.798 240 21	−58.746 664 94	7.44	0.45	9.07	0.58	0.55	0.61	0.72	0.66	−14 +15 + 8 − 3 − 6 −17 − 5 − 8 − 6 −10	1	−0.12
20154	04 19 12.25	+63 57 28.4	7.97	H	64.801 042 49	+63.957 889 15	8.51	13.79	4.93	0.61	0.68	0.91	0.76	0.86	− 6 + 2 − 7 +30 −15 + 8 −14 +45 +10 − 8	0	−0.38
20155	04 19 13.11	+42 22 52.8	6.98	H	64.804 612 43	+42.381 331 61	10.10	−20.17	−56.69	0.78	0.52	0.95	0.97	0.74	+ 9 +31 − 5 +10 −12 −18 −18 +30 −19 + 2	0	1.48
20156	04 19 13.18	+50 02 55.8	5.46	H	64.804 925 98	+50.048 837 63	12.59	62.89	−58.65	0.74	0.49	0.84	0.98	0.70	−37 +29 −22 +40 −35 − 1 −40 +47 −20 −46	0	−0.32
20157 H	04 19 13.77	+61 35 02.4	7.76	H	64.807 392 62	+61.584 012 58 A	6.94	−6.30	−16.36	0.94	0.97	1.34	0.96	1.12	− 3 +10 − 7 + 0 − 6 − 7 − 8 +30 −25 − 2	2	1.56
20158	04 19 13.93	−06 31 22.1	8.74	H	64.808 020 86	−06.522 802 76	6.38	−1.73	−21.70	0.87	0.69	1.10	1.18	1.18	+44 +21 +11 + 0 − 3 − 1 − 1 + 5 +12 +27	0	0.50
20159	04 19 14.16	+41 00 18.4	7.88	H	64.808 997 81	+41.005 102 13	4.14	0.06	−4.34	0.93	0.63	1.07	0.85	0.76	+ 1 +45 −29 + 6 +24 −10 + 1 +55 −26 +35	0	−0.23
20160	04 19 15.83	+29 06 27.1	11.96	3 H	64.815 950 47	+29.107 541 03	18.98	5.28	−33.13	3.91	2.79	4.65	5.43	3.94	+20 +13 −35 +15 + 3 −10 − 6 +37 −24 +31	2	0.36
*20161	04 19 16.65	−44 16 04.2	5.33	H	64.819 354 90	−44.267 830 26	14.10	63.14	−36.63	0.42	0.42	0.51	0.46	0.44	+ 3 + 5 − 7 − 1 −13 +16 −12 − 8 − 5 + 5	0	−0.19
*20162	04 19 16.54	−65 57 59.8	8.48	H	64.818 934 50	−65.966 604 02	8.59	16.18	−2.75	0.61	0.63	0.67	0.63	0.74	− 3 +15 −15 −17 −10 +19 − 7 − 8 + 5 − 3	1	1.53
20163	04 19 16.73	−27 16 19.1	8.76	H	64.819 711 38	−27.271 970 87	1.22	10.46	−0.36	0.64	0.83	1.21	0.77	1.09	−13 + 6 −24 −16 −12 + 9 −11 + 0 − 5 −16	2	2.44
20164	04 19 18.16	+51 21 25.1	8.16	H	64.825 669 97	+51.356 978 17	3.46	−3.50	1.56	0.85	0.67	1.12	1.01	0.99	−11 +28 −33 + 6 +21 − 7 + 6 +43 −32 +22	0	−0.59
20165	04 19 18.78	+09 17 56.6	7.75	H	64.828 255 09	+09.299 049 83	2.73	−1.56	−7.95	1.05	0.73	1.13	1.23	0.91	+ 1 +39 −12 +15 + 1 −22 − 3 +25 − 5 + 8	0	−0.76
20166	04 19 18.97	−03 17 49.0	9.77	G	64.829 029 37	−03.296 947 65	3.25	−3.65	−12.56	1.34	0.90	1.58	1.71	1.69	+47 +16 −14 +13 + 4 −12 −10 +18 −31 +46	0	0.46
20167	04 19 19.88	−44 46 47.7	9.74	H	64.832 818 88	−44.779 912 29	3.83	−2.43	−15.98	0.91	0.91	1.08	1.05	1.06	− 2 −17 −11 −18 − 4 +17 − 4 + 7 −10 +11	2	0.86
20168	04 19 21.78	−41 57 42.1	8.99	H	64.840 756 00	−41.961 703 66	15.79	13.85	−118.34	0.73	0.78	0.93	0.84	0.91	+ 2 + 9 +12 +20 + 6 +13 + 5 + 7 − 8 +11	2	1.43
20169	04 19 21.94	+07 09 41.4	10.74	H	64.841 404 12	+07.161 502 91	6.27	4.52	71.69	23.08	19.38	26.04	32.40	25.84	+17 + 5 −41 + 0 −32 + 9 −29 −27 +15 +30	0	
20170	04 19 24.29	+26 14 20.3	8.76	H	64.851 204 99	+26.238 978 35	5.08	−1.99	−2.89	1.09	0.74	1.17	1.31	0.97	+10 +16 −18 +24 −10 −20 −19 +29 −14 +27	3	3.06
20171	04 19 26.08	+21 08 32.7	5.50	H	64.858 662 25	+21.142 410 58	12.20	29.49	−42.73	0.72	0.50	0.76	0.76	0.67	+52 +24 + 0 + 7 +11 + 0 + 6 +39 −18 +47	0	−1.26
20172	04 19 26.86	−65 06 22.1	8.74	H	64.861 931 39	−65.106 135 73	0.84	17.87	19.31	0.75	0.74	0.79	0.84	0.94	+ 2 + 8 −18 − 3 − 8 +11 − 7 − 6 + 3 −10	0	0.30
*20173	04 19 28.58	+74 38 09.9	7.45	H	64.869 077 84	+74.636 072 55	8.27	32.28	−30.08	0.42	0.54	0.67	0.47	0.67	− 9 +11 + 2 + 2 + 7 + 9 + 7 + 4 − 2 − 6	1	2.20
*20174	04 19 28.57	+11 57 58.2	7.59	H	64.869 020 96	+11.966 175 91	7.98	−3.89	0.78	1.02	0.78	1.06	1.21	0.96	+16 +27 − 1 +34 +16 − 7 +10 +49 −21 +12	0	−0.93
20175	04 19 30.15	+19 56 52.2	7.87	H	64.875 641 07	+19.947 829 61	3.88	7.73	−6.33	0.93	0.60	0.99	1.10	0.84	+39 +22 + 4 + 5 − 7 − 2 − 9 +29 −12 +28	0	−0.48
20176 H	04 19 30.24	+37 59 54.3	7.17	G	64.876 010 20	+37.998 406 02 *	13.35	−27.36	−9.12	0.79	0.55	0.89	0.87	0.70	+27 +15 −24 −23 −12 +17 −18 +10 − 6 +48	0	−0.10
20177	04 19 30.29	+39 16 13.3	9.32	H	64.876 191 72	+39.270 360 51	0.94	0.37	−5.65	1.48	0.83	1.62	1.82	1.21	+ 5 +10 −19 −27 −13 +26 −31 +31 −10 +36	0	0.61
20178	04 19 30.55	+30 52 59.7	7.64	H	64.877 306 69	+30.883 254 13	3.04	−9.85	−27.17	0.97	0.61	1.03	1.09	0.88	+34 +20 − 4 −26 −18 +25 −31 + 2 + 5 +61	0	−0.06
20179	04 19 30.99	−08 07 10.4	6.95	H	64.879 105 49	−08.119 562 87	2.14	−5.01	−2.33	0.75	0.68	0.94	1.00	1.08	+44 +17 −25 +35 +25 − 1 +20 +37 −21 +49	2	1.40
20180	04 19 32.59	−50 36 53.2	9.81	H	64.885 799 55	−50.614 778 33	4.51	−24.94	−5.05	0.89	0.94	1.05	1.00	1.20	− 7 + 9 − 8 − 4 − 5 +19 − 3 −12 +13 − 7	0	−0.91
20181 H	04 19 33.70	+21 03 54.7	8.60	H	64.890 411 08	+21.065 181 83 A	7.72	2.28	−15.94	2.10	1.34	2.01	2.05	1.63	+58 +15 − 1 −14 −15 + 4 −15 +15 −15 +42	1	0.43
20182	04 19 34.01	+14 41 32.3	8.77	H	64.891 699 92	+14.692 308 91	0.71	3.67	8.90	1.18	0.80	1.28	1.38	1.15	+20 +48 − 9 −15 − 5 + 0 − 1 − 1 + 9 +38	0	1.80
20183 H	04 19 34.08	−15 10 11.8	8.98	G	64.891 984 04	−15.169 933 55 A	3.97	−5.75	0.01	1.80	1.45	1.80	2.24	1.80	+ 9 − 2 −29 + 9 +19 + 7 +25 +36 −20 −18	1	−0.93
20184	04 19 34.22	−28 47 11.0	8.16	H	64.892 576 20	−28.786 390 57	16.30	61.42	52.20	0.50	0.62	0.87	0.56	0.86	− 7 + 6 − 6 − 4 − 6 − 4 − 9 − 8 −19 − 4	0	1.89
20185	04 19 34.44	−25 57 24.3	7.85	G	64.893 492 49	−25.956 761 10	10.07	63.85	47.79	0.49	0.64	0.93	0.56	0.76	−22 + 6 −11 −18 −17 + 8 −15 −10 − 4 −56	0	1.82
20186	04 19 36.69	+21 46 24.9	5.34	1 H	64.902 862 45	+21.773 591 74	10.32	29.77	−41.39	0.70	0.49	0.76	0.73	0.63	+39 +24 + 4 + 4 + 7 + 8 + 3 +32 − 8 +38	0	−0.07
20187	04 19 36.77	+12 37 27.7	9.81	G	64.903 220 73	+12.624 368 76	20.13	168.47	−19.23	2.02	1.35	2.02	2.81	1.96	−10 +25 + 3 −34 +31 +19 +26 − 8 −24 −25	11	−0.97
20188	04 19 37.43	+10 07 17.5	6.31	G	64.905 944 57	+10.121 536 16	5.59	−16.92	−40.90	0.83	0.65	0.92	0.92	0.80	+24 +30 − 7 + 6 +32 − 1 +21 +34 −32 +17	0	−0.66
20189	04 19 38.25	+09 19 45.3	9.53	H	64.909 391 53	+09.329 258 92	4.14	−9.21	−20.12	1.70	1.20	1.87	2.09	1.57	− 2 +30 −19 +17 −14 −16 −15 +10 + 5 +17	0	0.76
20190	04 19 38.47	+02 59 31.9	7.99	H	64.910 300 27	+02.992 206 74	8.06	31.93	−11.52	1.11	0.84	1.25	1.27	1.01	+ 1 +37 −20 +28 − 6 + 2 −14 +23 −25 + 8	0	−0.94
20191	04 19 38.70	−50 57 24.2	8.67	H	64.911 262 89	−50.956 735 82	9.91	11.65	47.55	0.64	0.76	0.77	0.65	0.87	+ 2 − 1 +13 −11 + 2 + 6 + 2 −14 + 9 + 9	0	1.36
20192	04 19 39.45	−62 16 30.5	8.36	H	64.914 379 88	−62.275 137 11	3.24	14.04	42.27	0.63	0.68	0.71	0.61	0.76	− 4 − 1 −17 −37 +20 + 2 +15 − 8 + 6 +26	0	−0.19
20193	04 19 41.67	−43 28 46.8	8.07	H	64.923 634 78	−43.479 672 34	4.39	4.64	15.12	0.61	0.57	0.72	0.69	0.61	+ 8 +12 − 9 − 5 − 9 +12 − 7 − 6 + 3 + 9	1	1.05
20194	04 19 42.40	−25 01 29.4	6.86	G	64.926 665 44	−25.024 822 82	4.60	13.09	−0.95	0.39	0.54	0.77	0.45	0.62	− 1 +13 − 4 −12 + 5 + 8 + 3 −16 −16 −10	0	0.08
20195 H	04 19 42.79	−80 07 12.5	8.78	H	64.928 293 15	−80.120 134 36 A	3.61	−5.72	9.60	1.77	2.00	1.87	2.01	2.27	+ 5 +11 −21 + 0 − 9 +10 − 7 + 5 − 2 +21	5	2.78
20196	04 19 43.18	+39 54 56.0	8.53	H	64.929 926 89	+39.915 555 62	3.06	9.46	−14.01	1.05	0.76	1.16	1.43	1.04	+ 7 +11 −22 +23 + 9 −12 + 0 +60 −13 +24	2	2.54
20197	04 19 44.57	+14 16 27.1	7.51	H	64.935 695 44	+14.274 198 16	12.93	80.17	−217.40	1.00	0.80	1.06	1.26	1.14	+37 +35 − 3 + 2 + 3 + 0 + 3 + 9 + 2 +48	0	2.66
20198	04 19 45.10	−86 55 35.8	8.70	H	64.937 923 79	−86.926 613 27	1.82	1.55	9.35	0.58	0.71	0.71	0.64	0.81	−10 −10 + 7 + 1 − 9 + 5 − 4 +21 − 6 −29	0	−0.72
20199	04 19 45.50	−41 57 36.1	8.26	G	64.939 589 45	−41.960 041 51	22.45	−40.44	−92.41	0.65	0.62	0.78	0.69	0.69	− 5 +22 + 4 +13 − 4 + 5 − 6 − 1 −17 + 7	3	−0.25
20200	04 19 46.35	+44 12 26.1	9.42	H	64.943 134 83	+44.207 253 74	7.12	−2.49	−31.50	1.09	0.71	1.39	1.32	1.15	− 2 +12 −29 −15 +21 + 7 + 4 +41 −28 +37	0	−0.16

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
20101	9.796	0.022	8.498	0.013		1.104	0.020	T	1.07	0.02	L	8.5478	0.0016	0.013	93		8.52	8.57		C			1							
20102	8.806	0.018	7.627	0.012		1.011	0.017	T	0.99	0.01	L	7.6935	0.0015	0.008	48		7.68	7.71		C			1							S
20103	9.935	0.027	8.391	0.014		1.297	0.024	T	1.26	0.03	L	8.4271	0.0017	0.017	89		8.40	8.45		C			1							
20104	8.868	0.017	8.354	0.016		0.493	0.015	G	0.57	0.02	H	8.4030	0.0025	0.015	47		8.38	8.43		C			1							S
20105	7.687	0.008	7.382	0.007	*	0.290	0.010	T	0.33	0.01	L *	7.4068	0.0012	0.011	133	*	7.39	7.43		D	04186+6030	I 1	2 C	A	AB	180	0.402	0.003	0.16	0.02	S
20106	6.441	0.003	6.108	0.003		0.302	0.006	G	0.30	0.03	C	6.1617	0.0008	0.007	136		6.15	6.17		C			1							S
20107	9.795	0.019	8.302	0.010	*	1.256	0.017	T	1.21	0.02	L *	8.3121	0.0019	0.013	106	*	8.28	8.33			04186−4835	H 1	2 C	S A	AB	325	0.153	0.016	1.04	0.42	
20108	9.350	0.024	7.773	0.013		1.322	0.021	T	1.28	0.02	L	7.7619	0.0017	0.012	86		7.74	7.78					1							S
20109	6.652	0.004	6.137	0.004	*	0.489	0.005	G	0.54	0.07	F *	6.1838	0.0005	0.005	115	*	6.17	6.19		D	04187−5252	I 1	2 C	A	AB	112	0.795	0.006	2.68	0.02	S
20110	10.144	0.026	8.760	0.015		1.171	0.024	T	1.13	0.02	L	8.8060	0.0017	0.015	108		8.77	8.83					1							
20111	9.321	0.022	8.870	0.022	*	0.425	0.028	T	0.49	0.03	L *	8.8877	0.0022	0.018	48	*	8.85	8.91		D	04187+0445	I 1	2 C	A	AB	285	0.751	0.016	2.18	0.06	
20112	10.323	0.028	10.040	0.032	*	0.268	0.045	T	0.30	0.06	L *	9.8764	0.0034	0.027	103	*	9.83	9.92		D	04187−4639	I 1	2 C	A	AB	214	1.042	0.007	0.87	0.03	
20113	9.388	0.027	8.341	0.019		0.909	0.025	T	0.91	0.02	L	8.4163	0.0013	0.010	45		8.40	8.44		C			1							S
20114	9.204	0.012	7.668	0.007		1.290	0.011	T	1.25	0.01	L	7.7000	0.0012	0.012	148		7.68	7.73		C			1							S
20115	9.826	0.024	8.763	0.017	*	0.921	0.022	T	0.92	0.02	L *	8.8217	0.0019	0.016	82	*	8.79	8.86		D	04188−1144	H 1	2 C	A	AB	332	0.219	0.007	0.51	0.20	
20116	8.735	0.012	7.943	0.010		0.714	0.015	G	0.77	0.01	H	7.9979	0.0016	0.015	134		7.98	8.03			04188−3407	I 1	1							S
20117	7.300	0.005	7.182	0.007	*	0.107	0.008	T	0.12	0.01	L *	7.2066	0.0012	0.009	107	*	7.19	7.23		D	04188−5408	H 1	2 C	B	AB	124	0.418	0.033	3.57	0.16	S
20118	10.181	0.026	8.513	0.012		1.394	0.023	T	1.37	0.03	L	8.5347	0.0018	0.016	110		8.51	8.56		C			1							
20119	10.282	0.024	8.100	0.009		0.736	0.126	G	2.02	0.07	S	7.9522	0.0031	0.038	164		7.91	8.02		R			1	S						S
20120	9.969	0.021	8.891	0.014		0.933	0.019	T	0.93	0.01	L	8.9340	0.0019	0.017	110		8.90	8.97					1							
20121	9.150	0.014	8.815	0.015		0.318	0.019	T	0.37	0.03	L	8.8948	0.0018	0.017	116		8.87	8.93		C			1							S
20122						1.504	0.005	G	1.63	0.15	K	12.3717	0.0108	0.077	39		12.24	12.49					1							G
20123	11.890	0.094	10.795	0.053							T	11.0292	0.0083	0.091	188		10.85	11.18		D	04189−2644	I 2	1 X	S						G
20124	9.629	0.012	9.095	0.011		0.481	0.015	G	0.55	0.02	H	9.1533	0.0025	0.027	192		9.11	9.20		D	04189−2644	I 2	1	S						
20125	9.159	0.021	7.973	0.014		1.022	0.015	G	1.00	0.01	H	8.0375	0.0015	0.009	41		8.02	8.06			04189+0146	I 2	1							S
20126	9.944	0.015	8.534	0.008		1.191	0.013	T	1.15	0.01	L	8.5611	0.0016	0.019	219		8.53	8.59					1							S
20127	8.972	0.018	7.899	0.012		0.929	0.016	T	0.92	0.01	L	7.9534	0.0026	0.012	48		7.93	7.98					1							S
20128	9.901	0.047	9.486	0.052		0.392	0.065	T	0.46	0.07	L	9.3918	0.0030	0.017	36		9.36	9.42					1							
20129	11.271	0.043	9.433	0.015		1.529	0.036	T	1.57	0.08	L	9.3927	0.0022	0.028	236		9.34	9.43		R			1	S						
20130	9.467	0.020	8.655	0.017		0.745	0.005	G	0.79	0.01	H	8.7442	0.0020	0.016	71		8.72	8.77		C			1							
20131	8.032	0.016	7.833	0.014		0.191	0.015	G	0.21	0.02	H	7.8822	0.0026	0.011	41		7.87	7.90			04189+0146	I 2	1							S
20132	9.529	0.017	8.550	0.013		0.856	0.015	G	0.87	0.01	H	8.5888	0.0013	0.012	107		8.56	8.61		C			1							
20133	9.882	0.027	8.292	0.014		1.333	0.024	T	1.30	0.03	L	8.3162	0.0021	0.013	86		8.29	8.35					1							
20134	7.605	0.006	7.409	0.006	*	0.187	0.008	T	0.21	0.01	L *	7.4305	0.0010	0.010	159	*	7.42	7.45			04190−1751	H 1	2 C	B	AB	1	0.768	0.021	3.87	0.10	S
20135	11.585	0.136	9.805	0.050		1.564	0.006	G	1.54	0.01	J	9.7525	0.0037	0.020	54		9.71	9.78		C			1							
20136	8.780	0.030	8.252	0.028		0.450	0.015	G	0.52	0.02	H	8.2920	0.0010	0.011	91		8.27	8.31		D	04190+2118	I 1	1	S						S
20137	8.399	0.014	8.011	0.014	*	0.367	0.019	T	0.43	0.02	L *	8.0764	0.0014	0.015	93	*	8.05	8.11		D	04190−0725	I 1	2 C	A	AB	195	6.224	0.012	2.45	0.05	S
20138	6.525	0.007	6.375	0.008	*	0.132	0.004	G	0.15	0.00	H *	6.4081	0.0006	0.008	145	*	6.40	6.43		D	04190−3354	I 1	2 C	A	AB	159	5.975	0.006	2.30	0.02	S
20139	9.129	0.018	7.987	0.012		0.982	0.017	T	0.96	0.01	L	8.0201	0.0014	0.010	77		8.00	8.04		C			1							S
20140	9.053	0.012	7.955	0.009	*	0.948	0.012	T	0.94	0.01	L *	7.9964	0.0014	0.014	138	*	7.98	8.02		D	04191−3120	H 1	2 C	A	AB	66	0.211	0.011	1.87	0.18	S
20141	9.925	0.035	9.488	0.036		0.413	0.046	T	0.48	0.05	L	9.5064	0.0042	0.022	45		9.47	9.55		R	04191+0240	I 1	1							
20142						1.654	0.143	G	2.74	0.43	I	10.5979	0.0030	0.029	138		10.56	10.64		C			1							G
20143	9.875	0.022	8.228	0.011		1.378	0.019	T	1.35	0.02	L	8.2203	0.0015	0.013	109		8.19	8.25					1							
20144	7.188	0.005	6.978	0.005		0.201	0.007	T	0.22	0.01	L	7.0226	0.0007	0.007	111		7.01	7.04		C			1							S
20145	8.654	0.013	7.208	0.008		1.219	0.012	T	1.18	0.01	L	7.2431	0.0009	0.009	94		7.23	7.26		C			1							S
20146	9.382	0.022	8.536	0.018		0.721	0.016	G	0.76	0.02	A	8.6044	0.0030	0.017	47		8.57	8.63					1							
20147	10.306	0.031	9.096	0.018		1.035	0.028	T	1.01	0.02	L	9.1614	0.0025	0.020	84		9.12	9.20					1	S						
20148	10.390	0.025	9.761	0.022		0.580	0.025	T	0.65	0.02	L	9.8501	0.0026	0.037	177		9.79	9.91					1	S						
20149	9.327	0.016	8.239	0.011		0.940	0.015	T	0.93	0.01	L	8.3114	0.0017	0.014	108		8.29	8.34		C			1							
20150	8.272	0.018	7.811	0.015		0.458	0.015	G	0.53	0.02	H	7.8558	0.0018	0.009	35		7.84	7.87					1							S
20151	11.183	0.130	10.491	0.106		0.588	0.107	G	0.66	0.10	R	10.5446	0.0058	0.031	36		10.48	10.59					1							G
20152	10.453	0.034	9.830	0.031		0.576	0.034	T	0.65	0.03	L	9.8690	0.0030	0.035	126		9.81	9.94		C			1							
20153	8.137	0.009	8.009	0.010		0.116	0.012	T	0.13	0.01	L	8.0317	0.0014	0.012	94		8.01	8.06		C			1 G							S
20154	8.233	0.008	7.988	0.009		0.220	0.015	G	0.24	0.02	H	8.0334	0.0014	0.014	109		8.01	8.07		C			1							S
20155	7.520	0.009	7.036	0.006		0.456	0.010	T	0.53	0.01	L	7.0849	0.0010	0.009	77		7.07	7.10					1							S
20156	5.743	0.003	5.492	0.004		0.235	0.005	T	0.26	0.01	L	5.5259	0.0006	0.005	92		5.52	5.53		C			1							S
20157	8.156	0.008	7.917	0.010	A	0.205	0.140	G	0.18	0.03	L *	7.8141	0.0016	0.015	130	−	7.79	7.84		D	04192+6135	I 1	3 C	C						S G
20158	10.119	0.025	8.866	0.015		1.068	0.023	T	1.03	0.02	L	8.9070	0.0017	0.014	96		8.88	8.93		C			1							
20159	9.970	0.026	8.051	0.011		1.593	0.022	T	1.61	0.02	L	7.9973	0.0012	0.012	82		7.98	8.02					1							
20160											T	12.1211	0.0264	0.149	65		11.71	12.34		U 2			1							G
20161	6.710	0.004	5.449	0.003		1.066	0.001	G	1.07	0.00	A	5.4937	0.0006	0.005	119		5.48	5.50			04193−4416	I 1	1							S
20162	9.101	0.014	8.548	0.013		0.524	0.014	T	0.60	0.01	L	8.5943	0.0016	0.013	122		8.57	8.61		C			1							S
20163	10.618	0.026	8.892	0.011		1.440	0.022	T	1.44	0.04	L	8.8967	0.0019	0.021	174		8.86	8.94					1	S						S
20164	10.285	0.031	8.354	0.012		1.603	0.026	T	1.62	0.03	L	8.2740	0.0017	0.012	95		8.26	8.29					1							
20165	9.055	0.017	7.873	0.012		1.013	0.016	T	0.99	0.01	L	7.9145	0.0018	0.011	51		7.89	7.93		C			1							S
20166	10.063	0.027	9.765	0.032		0.257	0.015	G	0.29	0.02	H	9.8570	0.0025	0.021	93		9.82	9.90		C			1							
20167	10.263	0.026	9.798	0.027		0.451	0.029	T	0.52	0.03	L	9.8349	0.0022	0.024	118		9.80	9.89		C			1							
20168	9.769	0.020	9.062	0.017		0.638	0.020	T	0.70	0.02	L	9.1209	0.0021	0.021	113		9.10	9.16					1							S
20169						0.656	0.155	G	0.72	0.14	R	10.8804	0.0110	0.040	38		10.77	10.98		D			1 X	S						G
20170	8.996	0.017	8.774	0.019		0.212	0.024	T	0.23	0.03	L	8.8294	0.0017	0.014	61		8.80	8.85		C			1							S
20171	5.402	0.003	5.483	0.003		−0.069	0.004	T	−0.05	0.00	L	5.4789	0.0005	0.004	85		5.47	5.49		C			1	S						S
20172	10.135	0.029	8.883	0.017		1.068	0.026	T	1.03	0.02	L	8.9134	0.0017	0.017	92		8.89	8.95		C			1							
20173	7.604	0.005	7.474	0.007		0.126	0.008	T	0.14	0.01	L	7.4969	0.0012	0.013	155		7.48	7.52		C			1							S
20174	8.170	0.011	7.649	0.012		0.508	0.015	G	0.58	0.02	H	7.7063	0.0019	0.011	53		7.68	7.73		C			1							S
20175	8.105	0.010	7.889	0.012		0.206	0.015	T	0.23	0.02	L	7.9343	0.0011	0.010	81		7.92	7.95		C			1							S
20176	7.594	0.007	7.229	0.007	*	0.363	0.015	G	0.42	0.02	H *	7.2698	0.0014	0.010	89	*	7.25	7.29		D	04195+3800	H 1	2 C	S A	AB	309	0.138	0.014	1.25	0.37	S
20177	10.884	0.056	9.454	0.027		1.207	0.049	T	1.17	0.05	L	9.4836	0.0020	0.016	76		9.46	9.51		C			1							
20178	9.882	0.024	7.862	0.010		1.673	0.021	T	1.70	0.02	L	7.7445	0.0016	0.011	87		7.73	7.77		C			1							
20179	6.936	0.006	6.940	0.007		−0.009	0.002	G	0.01	0.00	H	6.9579	0.0011	0.007	78		6.94	6.97		C			1							S
20180	10.327	0.030	9.815	0.028		0.491	0.031	T	0.56	0.03	L	9.9190	0.0031	0.026	100		9.87	9.97					1							
20181	9.408	0.032	8.730	0.027	*	0.627	0.035	T	0.69	0.03	L *	8.7314	0.0018	0.011	86	*	8.71	8.76		C	04196+2104	H 1	2 C	B	AB	15	0.767	0.032	3.51	0.39	
20182	9.480	0.030	8.875	0.027		0.564	0.035	T	0.64	0.03	L	8.8944	0.0027	0.015	50		8.87	8.92		C			1							
20183	9.389	0.016	9.059	0.017	*	0.338	0.015	G	0.39	0.02	H *	9.0691	0.0023	0.019	90	*	9.03	9.12		D	04196−1510	I 1	2 C	A	AB	256	0.743	0.016	2.40	0.06	
20184	8.930	0.011	8.230	0.009		0.641	0.015	G	0.71	0.01	H	8.2932	0.0007	0.014	165		8.27	8.32					1							S
20185	8.343	0.007	7.893	0.006		0.435	0.015	G	0.50	0.02	H	7.9473	0.0011	0.015	222		7.92	7.98		C			1							S
20186	5.211	0.003	5.334	0.004		−0.107	0.004	T	−0.09	0.01	L	5.3085	0.0027	0.023	72		5.29	5.35	1.57	P 1 A										S P
20187	11.038	0.071	9.881	0.041		0.924	0.009	G	0.97	0.01	I	9.9472	0.0044	0.024	46		9.91	9.98		C			1							
20188	8.160	0.014	6.450	0.006		1.428	0.002	G	1.38	0.04	E	6.4403	0.0009	0.007	58		6.43	6.45		D			1							S
20189	10.213	0.041	9.600	0.037		0.571	0.048	T	0.64	0.04	L	9.6490	0.0038	0.024	51		9.61	9.68					1							
20190	8.268	0.014	7.999	0.015		0.256	0.019	T	0.29	0.02	L	8.0561	0.0013	0.012	44		8.04	8.08		C			1							S
20191	9.156	0.015	8.702	0.014		0.442	0.016	T	0.51	0.02	L	8.7691	0.0020	0.015	110		8.75	8.79		C			1							S
20192	9.603	0.018	8.458	0.012		0.984	0.017	T	0.96	0.01	L	8.5228	0.0015	0.014	101		8.50	8.55		C			1							
20193	9.487	0.016	8.192	0.009		1.101	0.014	T	1.06	0.01	L	8.2410	0.0014	0.015	117		8.22	8.27					1							S
20194	8.755	0.008	7.021	0.004		1.443	0.005	G	1.44	0.06	F	7.0048	0.0009	0.010	210		6.99	7.02					1							S
20195	9.431	0.019	8.850	0.017	A	0.494	0.100	G	0.59	0.03	L *	8.8956	0.0017	0.015	96	*	8.86	8.94			04197−8007	H 1	2 C	C	AB	157	1.574	0.040	3.40	0.35	
20196	9.094	0.016	8.607	0.016		0.458	0.021	T	0.53	0.02	L	8.6297	0.0026	0.018	94		8.60	8.66			04197+3955	I 1	1	S						S
20197	8.806	0.018	7.636	0.012		0.991	0.004	G	1.03	0.00	I	7.6800	0.0018	0.011	43		7.66	7.70		C			1							S
20198	10.027	0.023	8.823	0.014		1.030	0.021	T	1.00	0.02	L	8.8668	0.0014	0.016	123		8.84	8.90		C			1							
20199	9.078	0.014	8.314	0.011		0.682	0.015	G	0.74	0.01	H	8.3913	0.0013	0.014	112		8.36	8.42		C			1							S
20200	10.060	0.023	9.479	0.021		0.543	0.028	T	0.62	0.03	L	9.5366	0.0016	0.019	113		9.51	9.57		C			1							G

Number HIP 1 2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5 6 7		Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9 10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ 18	Astrometric Correlations (%) 19 20 21 22 23 24 25 26 27 28	Soln F1 % 29	F2 30
20201	04 19 46.58	−69 07 13.6	7.77	H	64.944 065 42	−69.120 455 48	1.83	−12.83	−1.50	0.61	0.67	0.67	0.63	0.90	+ 5 +13 − 2 −10 +10 + 0 +13 + 8 − 6 + 1	0	−1.73
20202	04 19 46.86	+48 57 11.8	9.70	3 T	64.945 242 62	+48.953 279 15	0.56	1.10	−3.05	1.43	0.79	1.84	1.39	0.98	−22 +48 −27 − 3 −14 + 9 −23 +24 −27 −16	0	0.62
20203	04 19 46.96	+04 46 44.2	10.44	H	64.945 659 86	+04.778 949 87	6.59	−4.19	−12.20	1.86	1.41	1.95	2.59	1.83	+ 0 +15 −18 +15 −21 + 6 −20 − 7 − 1 − 2	0	0.98
20204	04 19 47.31	+13 05 09.1	7.46	H	64.947 134 07	+13.085 868 92	4.69	−16.14	−11.29	1.07	0.73	1.25	1.28	1.05	+ 7 +49 −25 + 8 −31 +34 −14 −17 +18 +42	0	−1.71
20205	04 19 47.53	+15 37 39.7	3.65	H	64.948 057 93	+15.627 700 31	21.17	115.29	−23.86	0.76	0.63	1.17	1.21	0.98	+ 6 +33 −43 +18 −21 +58 +16 − 8 +53 +67	0	−0.66
20206	04 19 47.90	−18 31 11.1	7.99	G	64.949 588 46	−18.519 746 92	10.42	76.94	73.89	0.77	0.72	1.06	0.86	1.02	+ 3 +35 −36 +34 +37 −14 +20 +60 −33 +40	1	0.56
20207	04 19 48.55	+39 17 52.6	7.93	H	64.952 271 91	+39.297 937 81	1.85	1.00	−4.14	1.07	0.66	1.26	1.32	0.90	+11 +16 −32 −26 −12 +24 −25 +33 −14 +40	0	−0.62
20208	04 19 49.58	−22 48 42.1	8.89	H	64.956 600 89	−22.811 700 42	2.52	0.36	13.12	0.84	0.81	1.23	0.93	0.98	−29 +20 −24 −42 +24 −12 +17 − 4 −14 −14	0	1.96
20209	04 19 51.70	+23 45 28.4	8.90	H	64.965 433 48	+23.757 892 84	2.56	9.59	−13.09	1.04	0.72	1.14	1.12	0.93	+19 +18 − 2 −11 + 1 + 6 − 3 + 8 −18 +25	5	0.27
*20210	04 19 53.33	−17 27 50.8	7.52	1 H	64.972 217 59	−17.464 111 06	0.89	11.43	−4.10	0.72	0.51	0.86	0.91	0.83	−16 +19 −11 +36 + 7 − 8 + 7 +40 −16 + 2	0	1.14
*20211	04 19 53.32	−14 35 29.5	7.76	H	64.972 163 11	−14.591 527 41	3.86	22.17	2.50	0.87	0.74	1.04	1.07	0.93	+ 9 +30 − 5 +36 +12 − 3 +12 +51 − 6 − 9	0	0.95
20212	04 19 53.62	−12 23 56.9	6.72	H	64.973 404 78	−12.399 140 21	5.32	19.73	5.15	0.69	0.59	0.94	1.18	0.87	+15 +32 +10 +18 +15 +33 +21 +43 −15 −43	0	0.83
20213	04 19 54.31	−42 40 35.2	9.11	H	64.976 303 31	−42.676 445 34	5.49	−3.72	2.32	0.72	0.76	0.89	0.71	0.78	+ 3 + 9 + 4 − 9 − 9 + 6 −10 − 5 − 1 + 5	0	0.63
20214	04 19 54.64	−16 56 07.9	9.46	H	64.977 648 04	−16.935 535 36	1.56	103.04	38.78	1.19	0.85	1.34	1.73	1.48	−31 + 6 + 1 +42 −18 + 1 −18 +46 + 6 −20	0	0.81
20215 H	04 19 54.78	+16 31 21.6	6.85	G	64.978 269 03	+16.522 677 42 *	23.27	121.27	−36.65	1.39	1.54	1.14	2.29	1.79	+46 +13 −16 + 1 −11 +14 −23 −13 +25 +65	1	−0.08
20216	04 19 54.86	+10 37 08.5	9.27	H	64.978 571 63	+10.619 035 51	2.45	5.85	−16.24	1.47	1.03	1.77	1.46	1.30	+22 +47 − 7 + 2 +27 −16 + 2 +33 −42 +28	0	−0.44
20217	04 19 56.07	−52 57 26.1	8.51	1 H	64.983 638 37	−52.957 248 59	1.95	−3.93	2.96	0.66	0.71	0.75	0.71	0.72	− 3 −16 − 2 −14 −10 +14 −10 − 5 + 3 + 1	1	−1.14
20218	04 19 57.11	−04 26 19.2	7.84	H	64.987 969 25	−04.438 673 32	27.88	−58.80	−35.03	0.88	0.68	0.96	1.11	1.07	+64 +32 +16 +24 +27 − 5 +33 +45 + 6 +47	0	0.53
20219	04 19 57.63	+14 02 06.9	5.58	H	64.990 145 08	+14.035 249 54	22.31	115.42	−19.91	0.88	0.63	0.92	0.94	0.83	+37 +52 +11 −10 −23 − 1 −18 −13 + 5 +41	0	0.15
20220	04 19 58.51	+52 16 07.6	9.67	H	64.993 785 26	+52.268 768 98	1.28	2.23	−3.86	1.08	0.81	1.38	1.42	1.20	−17 +10 −18 − 9 + 7 − 3 + 6 +14 −22 −18	0	1.34
20221 H	04 19 59.05	+67 52 49.2	8.27	H	64.996 037 24	+67.880 327 31 A	12.01	0.38	19.00	0.77	0.99	1.30	0.87	1.14	− 8 + 8 − 9 −17 − 1 +12 − 2 +20 +16 + 4	0	−1.22
20222	04 19 59.54	+36 29 15.3	11.46	G	64.998 069 64	+36.487 587 98	43.27	213.95	−454.71	6.30	4.40	7.18	6.55	5.51	+30 +23 − 8 − 3 +13 +12 + 8 +33 −13 +38	0	
20223	04 19 59.59	−69 23 55.1	7.53	H	64.998 306 76	−69.398 641 83	1.32	8.80	−8.08	0.57	0.62	0.62	0.62	0.80	+ 0 − 5 + 0 −11 +10 + 7 +12 − 1 − 8 + 4	1	−0.02
20224	04 20 00.07	−68 42 02.8	8.05	H	65.000 287 46	−68.700 782 16	4.30	−5.60	7.69	0.61	0.70	0.67	0.63	0.96	+ 3 +15 −11 + 0 +25 − 3 +30 +10 − 7 +14	0	−0.35
20225	04 20 02.74	+78 04 46.6	6.95	H	65.011 407 45	+78.079 606 76	4.45	7.84	−8.13	0.47	0.54	0.64	0.48	0.64	− 7 +30 + 4 − 8 +12 + 1 +15 − 9 +10 + 4	1	0.00
20226	04 20 03.96	+23 35 55.9	7.19	G	65.016 490 66	+23.598 870 31	4.91	140.66	−35.19	0.80	0.56	0.88	0.85	0.74	+25 +26 − 5 − 5 + 5 + 6 + 1 +13 −13 +31	2	0.84
20227 H	04 20 06.27	+31 08 27.9	8.87	H	65.026 108 34	+31.141 086 05 A	16.93	91.05	−193.51	1.83	1.55	1.81	2.13	1.62	+14 +14 −12 − 4 − 2 +25 −11 +17 − 5 +49	1	0.14
20228	04 20 09.00	−54 41 32.9	8.45	H	65.037 496 93	−54.692 465 74	3.66	−5.65	−10.23	0.71	0.68	0.75	0.85	0.80	−11 −14 + 5 −11 + 9 + 8 + 9 +11 − 4 −11	0	1.74
20229	04 20 09.06	−16 26 14.1	6.80	G	65.037 766 58	−16.437 244 38	5.78	21.03	−11.82	0.67	0.47	0.87	1.16	0.89	−12 − 4 − 4 − 2 +21 +12 +26 +29 −24 −24	0	0.00
20230	04 20 09.42	+30 53 09.8	8.72	H	65.039 255 05	+30.886 064 15	1.24	3.65	−6.98	1.04	0.73	1.16	1.21	0.98	+39 +13 −21 −24 −14 + 9 −21 + 8 −11 +56	0	−0.96
20231	04 20 09.95	+31 57 11.5	6.16	1 G	65.041 451 11	+31.953 206 70	3.98	−1.12	−13.23	0.82	0.52	0.92	0.91	0.64	+21 +46 +10 +16 −14 −12 −20 +28 −20 + 7	2	−2.55
20232	04 20 10.48	−14 45 40.8	9.78	G	65.043 662 37	−14.761 345 17	32.74	177.11	114.64	1.33	1.18	1.65	1.87	1.58	+ 0 +19 −10 +24 + 6 −10 + 9 +48 − 4 −24	0	−0.66
20233	04 20 11.38	−04 29 35.3	9.01	H	65.047 409 75	−04.493 134 35	7.14	−2.22	6.46	1.08	0.83	1.23	1.40	1.32	+63 +31 +21 +14 +14 − 6 +18 +29 + 3 +42	2	1.20
20234	04 20 11.51	+50 55 15.4	5.55	H	65.047 967 60	+50.920 951 35	2.74	0.57	−7.56	0.60	0.47	0.75	0.78	0.70	− 8 +19 −22 +19 − 4 + 0 − 7 +40 −21 − 8	0	−1.47
20235	04 20 12.02	+37 12 02.6	7.91	2 H	65.050 089 27	+37.200 735 35	2.67	14.73	−9.69	1.02	0.69	1.19	1.29	0.87	+30 − 4 −30 −16 − 4 +24 + 0 +32 − 8 +34	0	0.80
20236 H	04 20 12.78	−10 30 06.6	9.00	H	65.053 241 69	−10.501 826 98 A	9.56	−21.28	−41.61	1.58	1.48	1.74	1.65	1.59	+25 +20 − 2 +19 +36 +13 +43 +55 −17 + 9	2	−0.14
20237	04 20 12.90	+19 14 00.8	7.46	H	65.053 732 48	+19.233 562 53	22.27	115.67	−34.02	0.87	0.59	0.93	1.04	0.87	+40 +21 + 3 +20 +12 − 9 +10 +44 −21 +27	0	0.74
20238	04 20 13.46	+43 35 59.0	8.48	H	65.056 070 71	+43.599 732 21	1.74	−1.88	−0.80	0.96	0.59	1.25	1.19	0.98	+ 1 +14 −19 −18 +26 +24 + 7 +48 −22 +39	0	−0.92
20239	04 20 13.48	+50 16 29.2	10.29	G	65.056 172 22	+50.274 766 28	1.03	−3.11	1.57	1.70	1.16	2.00	2.81	1.76	−35 +24 −30 +41 −36 +20 −35 +45 −24 −56	2	−2.00
20240	04 20 14.28	−09 02 13.3	9.81	H	65.059 483 37	−09.037 040 71	32.25	−56.80	−13.29	1.30	1.10	1.65	1.70	1.55	+42 +39 + 9 + 6 − 3 − 2 − 3 +19 −11 +13	0	−0.57
20241	04 20 14.42	+41 48 29.4	5.95	H	65.060 072 19	+41.808 153 45	9.42	16.12	−34.45	0.68	0.50	0.79	0.74	0.64	+14 +32 − 7 +11 +11 − 2 + 7 +40 −19 +10	0	0.81
20242	04 20 14.57	−03 45 02.3	7.87	G	65.060 728 10	−03.750 627 10	14.79	−10.23	−318.42	0.89	0.66	0.98	1.04	0.96	+26 +26 −14 +32 + 9 − 3 + 1 +28 −19 +32	0	1.04
20243	04 20 15.29	−02 37 42.8	6.89	H	65.063 703 60	−02.628 541 76	4.20	24.35	−2.53	0.94	0.86	1.10	1.26	1.13	+32 + 5 −41 +12 −16 − 8 −19 −16 − 9 +49	7	1.60
20244	04 20 16.63	+07 51 13.3	7.95	H	65.069 295 60	+07.853 707 80	3.04	−4.27	−7.24	1.09	0.91	1.36	1.80	1.56	+17 +17 −37 + 1 − 1 −17 − 9 + 2 − 3 +57	0	0.22
20245	04 20 16.77	+42 18 51.9	9.68	2 H	65.069 872 69	+42.314 405 74	3.43	−4.53	−3.31	1.19	0.83	1.45	1.54	1.13	+13 +28 −13 + 3 − 5 −11 − 5 +41 −24 − 4	0	0.30
20246	04 20 18.98	−63 10 25.6	7.91	H	65.079 073 23	−63.173 780 83	8.32	17.70	−6.66	0.51	0.54	0.58	0.47	0.62	+ 3 + 8 − 6 −33 +16 + 7 +14 − 5 + 4 +29	2	1.48
20247	04 20 19.06	+41 25 28.2	8.14	H	65.079 396 28	+41.424 509 21	2.45	−2.92	0.08	0.91	0.64	1.04	0.92	0.81	+18 +37 − 8 +11 +12 + 1 + 1 +44 −18 +32	0	−0.05
20248	04 20 19.25	−70 27 01.3	7.92	H	65.080 221 96	−70.450 366 75	4.45	−3.72	−44.98	0.64	0.62	0.66	0.64	0.75	−13 − 8 + 5 −27 + 7 +17 + 3 + 1 + 0 + 0	0	−1.05
20249	04 20 20.08	+74 39 43.1	8.21	H	65.083 686 48	+74.661 961 26	2.64	12.50	−19.73	0.51	0.66	0.81	0.57	0.80	−13 +15 − 2 +14 + 5 + 8 + 6 +15 + 1 − 6	0	−0.32
20250	04 20 21.23	+27 21 03.4	4.97	1 H	65.088 478 17	+27.350 940 69	9.53	−29.04	−76.97	0.84	0.62	0.92	0.99	0.84	+38 +35 −22 −21 −30 + 5 −33 −17 − 6 +63	3	0.63
20251	04 20 22.39	+58 35 39.6	9.06	H	65.093 284 83	+58.594 333 56	3.37	20.41	−22.62	0.87	0.81	1.41	1.03	1.02	− 6 +28 −25 +31 −15 +31 −20 +48 −25 +11	0	−0.33
*20252	04 20 24.66	+34 34 00.3	4.93	H	65.102 733 51	+34.566 742 28	14.42	−24.95	−7.00	0.74	0.59	0.83	0.81	0.68	+32 +40 − 6 +19 +15 −23 + 6 +55 −18 +37	0	−1.69
*20253	04 20 24.60	+12 23 49.3	9.29	H	65.102 512 62	+12.397 031 86	8.17	−17.81	−0.75	1.32	0.91	1.49	1.51	1.18	+18 +45 − 8 + 2 + 7 −10 − 1 +20 −15 +26	0	−1.09
20254 H	04 20 24.69	+73 55 04.9	9.03	H	65.102 889 67	+73.918 039 60 *	1.86	10.39	−13.77	0.67	0.86	1.10	0.76	1.09	−22 +10 − 3 − 2 + 5 +11 + 8 +20 + 6 −23	0	2.21
20255	04 20 25.04	+18 44 33.8	6.11	H	65.104 315 78	+18.742 725 43	21.12	119.59	−48.17	0.73	0.48	0.77	0.90	0.68	+21 +28 + 5 +10 − 3 −12 − 3 +34 −12 + 6	0	−0.77
20256	04 20 25.94	−21 20 09.6	7.98	1 G	65.108 082 50	−21.336 006 18	2.86	57.90	−41.98	0.68	0.64	1.06	0.78	0.82	−24 − 4 + 1 −39 + 9 + 9 +10 − 8 −10 −26	1	−0.42
20257 H	04 20 28.91	−01 18 58.8	6.78	H	65.120 469 40	−01.316 320 00 *	11.25	−14.87	−27.27	0.92	0.77	1.04	1.11	0.89	+30 +12 −37 +27 +11 −19 + 2 +17 −24 +44	0	1.17
20258	04 20 30.38	+25 49 38.9	7.79	H	65.126 565 89	+25.827 474 58	4.36	6.90	−9.51	0.96	0.71	1.03	1.13	0.86	+14 +37 −12 +42 + 0 − 6 − 6 +51 −21 +21	0	2.22
20259	04 20 31.79	+43 14 17.4	7.23	2 H	65.132 461 87	+43.238 165 34	2.25	3.04	−7.00	0.82	0.54	1.02	0.73	0.71	+12 +48 −22 + 0 +22 − 2 + 0 +45 −31 +39	0	0.09
20260	04 20 33.98	−17 44 23.7	8.24	H	65.141 604 04	−17.739 924 02	3.11	14.61	1.69	0.85	0.66	1.06	0.98	0.99	−15 +28 −20 +36 + 9 − 7 + 5 +48 −16 + 7	0	1.36
20261	04 20 36.24	+15 05 43.8	5.26	H	65.151 019 68	+15.095 503 58	21.20	108.79	−20.67	0.93	0.65	0.99	0.95	0.82	+39 +55 +16 −16 −32 + 3 −20 −19 +14 +42	0	0.84
20262	04 20 37.77	+28 53 31.5	7.93	1 H	65.157 388 23	+28.892 082 13	4.91	20.36	−29.68	0.93	0.61	1.06	1.09	0.79	+24 +36 − 6 + 6 − 6 −16 −14 +24 −25 +19	0	0.29
20263	04 20 38.59	−06 14 45.1	6.15	2 T	65.160 782 57	−06.245 859 28	15.83	92.46	−55.70	0.64	0.52	0.77	0.79	0.82	+51 +18 + 8 +18 +18 + 7 +19 +29 − 8 +36	0	−2.02
20264	04 20 39.00	−20 38 22.6	5.38	H	65.162 488 26	−20.639 599 02	7.05	26.13	−9.40	0.46	0.41	0.67	0.46	0.50	−26 +18 − 8 −55 +25 −11 +19 − 7 −10 −12	0	−0.26
20265	04 20 39.19	−09 08 57.8	8.57	H	65.163 284 86	−09.149 376 53	3.77	9.51	−15.77	1.05	0.90	1.27	1.43	1.23	+45 +27 − 5 + 0 −11 + 4 − 9 + 8 − 9 +14	4	1.16
20266	04 20 40.36	+65 08 25.6	5.26	H	65.168 187 26	+65.140 452 87	9.80	−28.52	−4.70	0.40	0.42	0.67	0.44	0.52	+19 − 2 − 6 −36 +11 + 9 +10 +12 +13 +28	0	−0.03
20267	04 20 40.98	−01 44 23.0	8.61	H	65.170 767 45	−01.739 710 88	8.59	−17.81	−46.94	1.12	1.10	1.36	1.73	1.58	+28 + 8 −46 + 9 − 6 −10 − 8 − 7 + 3 +57	4	0.21
20268	04 20 41.25	+06 07 51.3	5.76	H	65.171 889 35	+06.130 906 86	7.62	−13.06	−44.79	0.77	0.64	0.93	1.01	0.91	+ 9 + 7 −37 +19 −24 +16 −16 −11 +36 +37	0	0.40
20269	04 20 41.33	−16 49 48.0	6.97	2 H	65.172 213 70	−16.830 003 76	1.76	24.37	11.41	0.75	0.53	0.90	1.05	0.91	−13 + 4 − 2 +30 + 7 + 1 + 9 +45 −12 − 5	0	0.35
20270	04 20 42.38	+22 56 58.8	9.51	H	65.176 594 83	+22.949 675 83	2.93	7.58	12.86	1.48	1.00	1.64	2.01	1.49	+32 +19 + 5 + 4 +10 +28 +20 +37 − 7 − 1	0	−0.48
20271	04 20 42.83	−07 35 33.0	5.85	H	65.178 466 08	−07.592 490 81	4.31	4.47	−1.10	0.62	0.55	0.75	0.83	0.87	+45 + 7 −10 +30 +17 − 4 +15 +24 − 1 +39	0	−0.35
20272	04 20 43.91	+35 48 00.5	8.14	H	65.182 953 07	+35.800 143 27	3.72	−4.10	−3.19	1.08	0.91	1.12	1.05	1.14	+57 +35 − 8 +32 +53 −17 +40 +67 −24 +66	0	−0.13
20273	04 20 43.98	+08 24 33.6	8.95	H	65.183 261 35	+08.409 342 84	10.81	39.69	−143.91	1.61	1.25	1.75	2.09	1.91	− 5 +22 −29 +31 −33 +15 −22 + 3 +25 +44	0	1.48
20274	04 20 44.22	+51 06 57.5	8.50	G	65.184 242 99	+51.115 969 63	5.04	−10.44	−6.91	0.88	0.67	1.14	1.03	0.94	−16 +26 −34 + 4 +13 + 2 + 4 +38 −28 + 6	0	0.01
20275	04 20 44.93	−24 43 35.5	8.63	H	65.187 218 11	−24.726 525 65	0.64	8.44	9.46	0.50	0.82	1.14	0.60	0.91	+ 5 +14 −17 + 0 + 4 + 5 + 4 −11 − 1 + 2	1	−0.29
20276	04 20 46.73	+56 06 09.0	8.24	H	65.194 708 94	+56.102 486 52	0.05	−1.28	−6.78	0.91	0.74	1.00	1.04	0.86	−36 + 8 +11 +61 −54 − 1 −54 +64 + 1 −41	0	0.17
20277	04 20 46.84	−59 24 41.4	9.36	H	65.195 159 66	−59.411 499 07	23.60	182.25	272.33	0.81	0.85	0.91	0.94	1.07	− 8 +20 − 8 +12 + 9 −18 + 6 −10 −16 + 3	0	−0.49
20278	04 20 47.08	+22 13 52.9	9.60	H	65.196 179 71	+22.231 349 88	4.82	6.72	−10.46	1.42	0.95	1.57	1.76	1.36	+35 +14 − 1 − 4 + 8 + 8 +18 +32 −26 − 3	0	−0.35
20279	04 20 47.10	+64 53 10.9	8.57	H	65.196 264 38	+64.886 358 87	8.78	5.62	−38.30	0.67	0.71	1.10	0.72	0.84	+22 + 3 − 4 −37 +11 + 7 + 8 +28 + 8 +30	0	−0.57
20280	04 20 48.63	−47 15 04.2	8.80	H	65.202 630 52	−47.251 169 72	1.54	38.97	24.01	0.75	0.80	0.92	0.85	0.86	+11 + 8 +15 − 5 − 9 + 9 −10 + 2 + 6 +11	0	−0.47
20281	04 20 49.04	+09 13 29.2	6.52	G	65.204 342 67	+09.224 789 50	10.17	58.54	11.78	0.81	0.66	0.91	1.04	0.91	+23 +26 −22 +16 + 0 + 0 + 1 +11 + 6 +42	0	1.34
20282	04 20 49.74	+00 04 34.1	7.64	G	65.207 246 48	+00.076 150 66	5.43	44.04	26.81	0.90	0.79	1.13	1.20	0.93	+23 +26 −42 +24 + 6 −11 − 9 +14 −28 +36	0	1.28
20283	04 20 50.56	−19 20 08.3	7.12	H	65.210 663 86	−19.335 641 06	5.71	7.26	−1.63	0.72	0.61	0.90	0.90	0.83	− 8 +23 − 9 +40 + 2 + 4 − 1 +42 −18 −21	0	−0.54
20284	04 20 52.66	+13 51 52.1	6.15	H	65.219 406 20	+13.864 470 69	21.80	105.29	−17.97	0.79	0.56	0.85	0.90	0.79	+20 +47 + 2 − 1 −18 +10 − 9 − 8 +17 +34	0	0.71
*20285	04 20 52.85	−66 14 26.8	8.38	H	65.220 220 09	−66.240 770 24	3.84	0.04	13.72	0.63	0.64	0.68	0.65	0.78	− 1 +13 − 7 − 6 − 9 +13 − 8 + 7 +10 + 2	0	−2.33
*20286	04 20 52.84	+31 14 43.8	8.51	H	65.220 153 73	+31.245 495 43	4.06	2.57	−5.60	1.07	0.70	1.19	1.31	0.99	+25 +26 −14 − 1 −21 +12 −26 +10 − 7 +41	0	−0.38
20287	04 20 53.11	+45 27 51.7	7.67	H	65.221 281 11	+45.464 348 60	8.08	22.35	−35.27	0.82	0.54	0.98	1.11	0.85	−12 +20 −20 +21 − 5 −11 −18 +46 − 6 +21	0	0.28
*20288	04 20 54.21	+81 58 39.1	7.46	G	65.225 894 85	+81.977 539 88	5.68	−15.87	11.81	0.50	0.57	0.68	0.48	0.64	− 4 +28 −11 −12 − 4 +11 − 1 −11 + 8 + 4	4	2.78
*20289	04 20 54.21	−34 43 56.5	7.92	G	65.225 857 84	−34.732 350 07	6.81	3.88	−51.30	0.56	0.68	0.84	0.63	0.83	− 2 −11 −24 + 8 −16 + 3 −16 − 1 + 3 +10	0	−0.31
20290	04 20 54.81	+15 56 02.2	9.44	H	65.228 378 27	+15.933 937 98	3.63	−5.53	−27.68	1.48	1.14	1.85	2.25	1.93	+11 +16 −22 − 3 −14 +40 − 5 − 4 +43 +61	0	0.76
20291	04 20 55.14	+38 34 37.8	7.47	H	65.229 735 11	+38.577 154 46	1.03	3.43	−0.72	0.86	0.55	0.98	0.95	0.72	+16 +16 −21 −18 − 6 +19 −17 +25 − 4 +45	0	0.94
20292 H	04 20 55.65	−51 02 39.9	7.58	H	65.231 892 48	−51.044 415 43 A	4.84	6.68	14.80	1.05	1.30	0.90	0.78	1.07	− 4 − 6 +12 −12 + 3 + 0 + 6 −22 −11 +10	0	0.19
20293	04 20 56.50	−26 29 15.9	9.28	H	65.235 406 87	−26.487 750 53	2.72	25.34	69.94	0.77	0.97	1.48	1.05	1.19	−20 +13 −28 −13 −11 +13 − 7 −10 − 7 −27	1	2.32
20294	04 20 57.02	−19 37 53.8	9.08	H	65.237 595 32	−19.631 607 95	2.09	20.26	29.00	0.97	0.90	1.29	1.37	1.24	−15 + 7 −17 +16 − 8 +12 − 4 +37 −26 −37	0	−1.79
20295	04 20 57.10	−68 06 09.4	9.42	H	65.237 906 41	−68.102 617 66	7.27	20.89	−13.29	0.73	0.90	0.85	0.95	1.36	− 1 + 5 −16 − 1 + 8 −16 + 9 +26 + 1 − 6	1	0.54
20296	04 20 57.50	+50 15 17.4	7.13	G	65.239 598 41	+50.254 837 23	2.75	−0.04	−3.04	0.85	0.59	1.09	1.23	0.81	−26 +27 −37 +26 −27 +16 −27 +36 −27 −48	0	0.19
*20297	04 20 58.03	−81 34 48.8	5.78	H	65.241 798 12	−81.580 226 79	18.61	9.07	126.08	0.39	0.48	0.49	0.40	0.63	−23 +25 −26 − 6 + 6 − 5 +10 −33 +16 −16	0	−0.13
*20298	04 20 57.99	+45 49 12.9	9.91	H	65.241 641 42	+45.820 237 11	9.15	333.92	−124.28	1.34	0.84	1.70	1.69	1.18	−19 +18 −34 − 5 − 9 +16 −17 +38 −18 + 7	0	−0.91
20299	04 20 58.07	+80 24 45.8	8.09	H	65.241 962 55	+80.412 721 37	2.49	−1.21	5.53	0.54	0.63	0.75	0.58	0.72	+ 1 +27 + 2 + 8 +12 +10 +14 + 4 +11 + 9	0	0.71
20300	04 20 58.93	+36 34 27.6	7.69	H	65.245 553 30	+36.574 327 24	8.82	−11.70	−11.08	1.12	0.72	1.27	1.11	0.89	+15 +41 −24 +28 +15 − 5 + 0 +57 −30 +26	0	0.35

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
20201	9.548	0.018	7.956	0.009		1.334	0.016	T	1.30	0.02	L	7.9244	0.0012	0.012	99		7.91	7.95					1							S
20202	11.290	0.077	9.839	0.033		1.223	0.066	T	1.18	0.07	L	9.8076	0.0451	0.282	86		9.48	10.21	4.97	P 1 A			1							G
20203	11.136	0.093	10.695	0.093		0.422	0.072	G	0.49	0.08	R	10.5365	0.0026	0.023	50		10.49	10.58					1							G
20204	9.440	0.030	7.637	0.014		1.520	0.015	G	1.56	0.02	H	7.5785	0.0020	0.009	35		7.57	7.59					1							S
20205	4.905	0.007	3.757	0.004		0.981	0.012	G	0.95	0.02	G	3.8123	0.0011	0.006	37		3.80	3.82					1							S
20206	8.490	0.008	8.023	0.008		0.448	0.015	G	0.52	0.02	H	8.0827	0.0014	0.015	142		8.06	8.11		C			1							S
20207	10.547	0.042	8.167	0.012		1.961	0.035	T	2.00	0.04	L	8.0089	0.0015	0.014	77		7.99	8.03					1							
20208	10.235	0.027	8.986	0.016		1.065	0.025	T	1.03	0.02	L	9.0556	0.0023	0.021	132		9.03	9.10		C			1							
20209	9.551	0.026	8.936	0.023		0.573	0.030	T	0.65	0.03	L	9.0220	0.0023	0.015	66		8.98	9.04		C	04198+2345	I 1	1							
20210	9.518	0.014	7.703	0.006		1.510	0.012	T	1.54	0.02	L	7.6473	0.0015	0.016	156		7.62	7.67		M			1							S
20211	8.941	0.014	7.857	0.010		0.937	0.013	T	0.93	0.01	L	7.9268	0.0014	0.009	86		7.91	7.95		C			1							S
20212	7.893	0.008	6.823	0.007		0.927	0.008	T	0.92	0.01	L	6.8864	0.0007	0.007	82		6.88	6.90		C			1							S
20213	10.422	0.027	9.227	0.016		1.023	0.024	T	1.00	0.02	L	9.2745	0.0020	0.022	126		9.24	9.32		C			1							
20214	9.534	0.017	9.444	0.021		0.093	0.015	G	0.11	0.02	H	9.4944	0.0025	0.030	134		9.44	9.54					1							
20215	7.530	0.008	6.918	0.008	*	0.509	0.015	G	0.61	0.03	C *	6.9871	0.0009	0.006	45	*	6.97	7.00		D	04199+1631	I 1	2 C A	AB	255	0.299	0.011	1.36	0.12	S
20216	10.026	0.036	9.384	0.031		0.596	0.041	T	0.67	0.04	L	9.4014	0.0026	0.018	54		9.37	9.43		C			1 S							
20217	10.555	0.032	8.723	0.013		1.556	0.028	T	2.19	0.07	O	8.5746	0.0022	0.021	114		8.54	8.61		U			1							
20218	8.646	0.008	7.892	0.007		0.673	0.008	T	0.73	0.01	L	7.9770	0.0014	0.014	145		7.95	8.00		C			1							S
20219	5.919	0.004	5.609	0.005		0.283	0.008	G	0.33	0.02	A	5.6514	0.0018	0.007	46		5.64	5.66			04200+1402	I 1	1							S
20220	9.839	0.026	9.705	0.033		0.129	0.039	T	0.14	0.04	L	9.7213	0.0030	0.020	96		9.68	9.75		C			1							G
20221	8.939	0.022	8.327	0.022	*	0.570	0.027	T	0.64	0.03	L *	8.3947	0.0014	0.017	165	*	8.36	8.43		D	04200+6753	I 1	2 C A	AB	251	3.050	0.009	2.65	0.05	
20222						1.450	0.015	G	1.81	0.07	I	11.5430	0.0101	0.044	57		11.48	11.64					1 X							G
20223	9.537	0.017	7.701	0.008		1.527	0.015	T	1.57	0.03	L	7.6500	0.0012	0.011	110		7.63	7.67					1							S
20224	8.286	0.009	8.073	0.010		0.197	0.013	T	0.22	0.01	L	8.1173	0.0017	0.015	93		8.10	8.15					1							S
20225	8.224	0.010	7.055	0.006		1.003	0.009	T	0.98	0.01	L	7.1122	0.0008	0.008	133		7.09	7.13					1							S
20226	8.607	0.014	7.319	0.009		1.113	0.012	G	1.16	0.04	E	7.3452	0.0014	0.008	66		7.33	7.36		C			1							S
20227	9.852	0.025	8.942	0.019	*	0.807	0.023	T	0.83	0.02	L *	9.0182	0.0030	0.018	85	*	8.99	9.05			04201+3108	H 1	2 C D	AB	353	0.392	0.092	3.93	0.48	D
20228	9.940	0.020	8.547	0.012		1.178	0.018	T	1.14	0.02	L	8.6163	0.0014	0.016	112		8.58	8.65					1							
20229	6.757	0.004	6.790	0.006		−0.030	0.002	G	−0.01	0.00	H	6.7963	0.0009	0.009	138		6.78	6.82			04202−1626	I 1	1							S
20230	8.946	0.013	8.728	0.015		0.208	0.019	T	0.23	0.02	L	8.7889	0.0017	0.016	86		8.77	8.81		C			1							
20231	8.410	0.013	6.383	0.006		1.679	0.011	T	1.70	0.01	L	6.2724	0.0010	0.010	69		6.26	6.29		M			1							S
20232	11.464	0.081	9.960	0.036		1.209	0.011	G	1.35	0.02	I	9.9038	0.0032	0.022	81		9.86	9.93					1							
20233	9.736	0.017	9.091	0.015		0.599	0.020	T	0.67	0.02	L	9.1397	0.0025	0.021	143		9.11	9.17					1							
20234	5.503	0.003	5.542	0.003		−0.031	0.004	T	−0.01	0.00	L	5.5458	0.0008	0.006	95		5.53	5.56					1							S P
20235	10.370	0.039	8.178	0.013		1.852	0.034	T	2.96	0.06	O	7.8433	0.0131	0.059	70		7.77	7.92		U 2			1 S							P
20236	9.458	0.017	9.057	0.018	*	0.379	0.023	T	0.44	0.03	L *	9.0914	0.0018	0.014	92	*	9.07	9.12			04202−1030	H 1	2 C D	AB	136	0.430	0.068	3.88	0.31	D
20237	8.140	0.010	7.512	0.008		0.560	0.014	G	0.61	0.02	A	7.5755	0.0015	0.011	81		7.56	7.59					1							S
20238	8.652	0.012	8.495	0.014		0.151	0.017	T	0.17	0.02	L	8.5341	0.0012	0.012	100		8.52	8.56		C			1							
20239	10.662	0.051	10.608	0.082		0.364	0.003	G	0.43	0.00	H	10.4074	0.0036	0.027	90		10.36	10.46		C			1							G
20240	11.393	0.093	9.945	0.040		1.120	0.015	G	1.08	0.02	H	9.9458	0.0022	0.022	78		9.90	9.99		D			1							
20241	7.175	0.006	6.059	0.004		0.962	0.006	T	0.95	0.01	L	6.1173	0.0005	0.006	86		6.11	6.13					1							S
20242	8.675	0.012	7.964	0.010		0.654	0.008	G	0.72	0.01	H	8.0049	0.0015	0.016	91		7.98	8.04					1 S							S
20243	8.931	0.021	7.170	0.010		1.468	0.018	T	1.48	0.03	L	7.0017	0.0067	0.043	39		6.92	7.04					1 S							S P
20244	8.061	0.019	7.978	0.022		0.159	0.015	G	0.18	0.01	H	8.0094	0.0021	0.010	35		7.99	8.02					1							S
20245	10.328	0.036	9.685	0.032		0.590	0.036	T	0.66	0.03	L	9.8092	0.0032	0.024	87		9.77	9.85		P 1 A			1							G
20246	8.436	0.011	7.957	0.012		0.435	0.011	G	0.50	0.01	H	8.0079	0.0016	0.012	110		7.98	8.04		C			1							S
20247	8.438	0.011	8.166	0.012		0.259	0.015	T	0.29	0.02	L	8.2149	0.0012	0.012	82		8.19	8.23		C			1							S
20248	9.485	0.017	8.053	0.010		1.208	0.015	T	1.17	0.01	L	8.0808	0.0018	0.013	101		8.06	8.11		C			1							S
20249	10.247	0.022	8.368	0.009		1.561	0.019	T	1.58	0.02	L	8.3295	0.0016	0.014	148		8.30	8.36					1							
20250	6.437	0.005	5.079	0.003		1.150	0.015	G	1.35	0.04	E	5.1121	0.0009	0.007	67		5.10	5.13		M	04203+2721	I 1	1							S
20251	11.321	0.064	9.224	0.018		1.774	0.055	T	1.84	0.14	O	9.1487	0.0021	0.023	112		9.11	9.19		C			1							
20252	6.133	0.004	5.032	0.003		0.950	0.004	T	0.94	0.00	L	5.0895	0.0007	0.005	78		5.08	5.10			04204+3435	I 1	1							S
20253	9.810	0.029	9.313	0.029		0.467	0.037	T	0.54	0.04	L	9.3954	0.0024	0.014	52		9.37	9.42					1							
20254	9.295	0.014	9.063	0.015	*	0.221	0.020	T	0.24	0.02	L *	9.1026	0.0018	0.020	144	*	9.07	9.15		D	04204+7355	I 1	2 C S A	BA	354	0.186	0.017	1.12	0.40	
20255	6.555	0.005	6.142	0.005		0.404	0.006	T	0.44	0.03	C	6.1934	0.0007	0.005	86		6.18	6.20		C			1							S
20256	9.273	0.014	8.085	0.009		1.020	0.015	G	0.99	0.01	H	8.1432	0.0014	0.021	170		8.11	8.18		U			1							S
20257	7.107	0.007	6.808	0.007	*	0.284	0.009	T	0.32	0.01	L *	6.8592	0.0016	0.009	45	*	6.85	6.87		D	04205−0119	I 1	2 C S A	AB	23	0.187	0.006	0.04	0.14	S
20258	7.986	0.011	7.802	0.014		0.176	0.017	T	0.19	0.02	L	7.8516	0.0012	0.008	66		7.84	7.89		C			1 G							S
20259	9.489	0.020	7.445	0.008		1.800	0.015	G	1.78	0.01	J	7.3323	0.0031	0.023	90		7.31	7.38		U 2			1							S
20260	9.955	0.021	8.373	0.010		1.326	0.018	T	1.29	0.02	L	8.3990	0.0016	0.020	155		8.37	8.43					1							
20261	5.543	0.004	5.286	0.005		0.225	0.008	G	0.25	0.02	A	5.3233	0.0008	0.004	44		5.31	5.33					1							S P
20262	8.228	0.009	7.976	0.012		0.240	0.014	T	0.27	0.02	L	7.9994	0.0041	0.025	79		7.96	8.03	2.78	P 1 A			1							S
20263	7.269	0.006	6.246	0.004		0.901	0.002	G	0.92	0.04	E	6.2980	0.0045	0.028	109		6.26	6.34		U 2 C			1							S
20264	5.355	0.002	5.377	0.002		−0.027	0.001	G	−0.01	0.00	H	5.3834	0.0004	0.006	210		5.37	5.39		C			1							S
20265	10.003	0.028	8.700	0.016		1.107	0.025	T	1.07	0.03	L	8.7391	0.0016	0.012	76		8.71	8.76		C			1							
20266	6.281	0.003	5.349	0.002		0.820	0.006	G	0.83	0.03	C	5.4103	0.0006	0.007	166		5.40	5.42					1							S
20267	9.306	0.021	8.672	0.019		0.589	0.025	T	0.66	0.02	L	8.7412	0.0025	0.013	46		8.71	8.77		C			1							S
20268	6.924	0.008	5.861	0.005		0.914	0.022	G	0.93	0.02	A	5.9213	0.0010	0.005	49		5.91	5.93					1							S
20269	9.126	0.011	7.244	0.005		1.682	0.009	G	2.42	0.12	G	7.0038	0.0108	0.084	143		6.96	7.23		U 2			1 S							S
20270	10.104	0.048	9.676	0.050		0.404	0.064	T	0.47	0.07	L	9.6061	0.0040	0.023	48		9.55	9.64		C			1							
20271	5.688	0.003	5.830	0.004		−0.124	0.004	T	−0.11	0.01	L	5.8129	0.0011	0.008	90		5.80	5.83					1							S
20272	9.798	0.024	8.285	0.013		1.272	0.021	T	1.23	0.02	L	8.2936	0.0015	0.010	73		8.28	8.31		C			1							
20273	9.968	0.039	9.028	0.030		0.830	0.037	T	0.85	0.03	L	9.1010	0.0033	0.020	41		9.04	9.13		C			1							S
20274	8.787	0.015	8.517	0.017		0.200	0.015	G	0.22	0.02	H	8.5753	0.0012	0.012	98		8.55	8.60					1							
20275	10.211	0.019	8.749	0.010		1.232	0.017	T	1.19	0.02	L	8.7967	0.0013	0.021	216		8.76	8.84					1							
20276	10.519	0.030	8.479	0.011		1.689	0.025	T	1.71	0.03	L	8.3485	0.0016	0.014	138		8.32	8.38					1							
20277	10.620	0.038	9.472	0.024		1.003	0.002	G	1.05	0.00	I	9.5036	0.0021	0.019	100		9.47	9.56					1							
20278	9.915	0.039	9.614	0.045		0.287	0.063	T	0.33	0.08	L	9.6747	0.0028	0.020	52		9.65	9.71		C			1							
20279	9.086	0.012	8.624	0.012		0.435	0.016	T	0.50	0.02	L	8.6650	0.0016	0.018	145		8.63	8.70					1							
20280	10.025	0.023	8.906	0.015		0.964	0.021	T	0.95	0.02	L	8.9654	0.0016	0.018	100		8.94	8.99		C			1							
20281	6.712	0.007	6.546	0.008		0.148	0.003	G	0.16	0.00	H	6.5780	0.0015	0.010	52		6.57	6.59					1							S
20282	8.221	0.011	7.669	0.010		0.519	0.015	G	0.59	0.02	H	7.7413	0.0010	0.008	54		7.73	7.75		C			1 G							S
20283	8.194	0.010	7.220	0.006		0.858	0.002	G	0.87	0.00	H	7.2811	0.0016	0.012	104		7.26	7.30			04208−1920	I 1	1							S
20284	6.701	0.006	6.207	0.005		0.456	0.011	G	0.53	0.02	G	6.2566	0.0008	0.004	54		6.25	6.26		C			1							S
20285	9.622	0.018	8.489	0.012		0.975	0.017	T	0.96	0.01	L	8.5463	0.0016	0.015	122		8.51	8.57		C			1							
20286	8.691	0.012	8.544	0.014		0.141	0.017	T	0.16	0.02	L	8.5655	0.0020	0.015	77		8.53	8.59		C			1							
20287	7.816	0.006	7.682	0.007		0.110	0.015	G	0.12	0.01	H	7.7161	0.0010	0.010	124		7.70	7.74		C			1							S
20288	7.524	0.006	7.478	0.008		0.055	0.002	G	0.07	0.00	H	7.4862	0.0010	0.009	122		7.46	7.50					1							S
20289	8.271	0.010	7.942	0.010		0.312	0.015	G	0.36	0.02	H	7.9990	0.0016	0.015	120		7.98	8.03					1 G							S
20290	10.163	0.057	9.531	0.051		0.587	0.066	T	0.66	0.06	L	9.5721	0.0011	0.014	40		9.55	9.60		D			1 S							
20291	8.706	0.013	7.646	0.009		0.919	0.012	T	0.92	0.01	L	7.6330	0.0021	0.013	79		7.62	7.66		R			1							S
20292	8.585	0.010	7.689	0.008	*	0.797	0.010	T	0.83	0.01	L *	7.7271	0.0009	0.010	110	*	7.71	7.75		D	04209−5103	I 1	2 C A	AB	177	0.448	0.004	1.39	0.02	S
20293	9.768	0.015	9.277	0.015		0.474	0.016	T	0.55	0.02	L	9.3823	0.0020	0.028	187		9.34	9.44		C			1							
20294	10.966	0.052	9.293	0.021		1.398	0.044	T	1.37	0.05	L	9.2272	0.0025	0.020	112		9.19	9.26					1							
20295	10.042	0.025	9.419	0.023		0.576	0.025	T	0.65	0.02	L	9.5413	0.0021	0.024	88		9.51	9.58					1							
20296	9.232	0.019	7.308	0.009		1.690	0.015	G	1.70	0.09	H	7.2764	0.0015	0.011	86		7.26	7.29			04209+5016	I 1	1							S
20297	6.202	0.003	5.809	0.003		0.359	0.007	G	0.42	0.01	H	5.8633	0.0006	0.006	114		5.85	5.87		C			1							S
20298	10.783	0.043	9.963	0.031		0.724	0.041	T	0.78	0.03	L	10.0461	0.0026	0.027	125		9.99	10.09					1							G
20299	9.326	0.013	8.186	0.009		0.980	0.012	T	0.96	0.01	L	8.2500	0.0015	0.013	151		8.23	8.27		C			1							S
20300	8.060	0.011	7.725	0.011		0.318	0.015	T	0.37	0.02	L	7.7699	0.0019	0.010	67		7.75	7.79		C			1							S

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α deg (ICRS) (8)	δ deg (9)	(10)	Par. π mas (11)	μα* mas/yr (12)	μδ mas/yr (13)	SE α* mas (14)	SE δ mas (15)	SE π mas (16)	SE μα* mas/yr (17)	SE μδ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	F1 % (29)	F2 (30)
20301		04 20 59.06	−32 52 32.7	8.25		H	65.246 072 27	−32.875 760 88		2.36	32.03	8.64	0.61	0.73	0.93	0.68	0.93	−12	+17	+5	+16	−10	+11	−9	+4	+1	+8	3	−0.27
20302		04 21 00.35	−35 51 20.7	10.69		G	65.251 467 66	−35.855 739 36		35.72	242.40	3.49	1.02	1.30	1.52	1.42	1.81	−8	+3	−23	−14	+2	−1	+1	−26	+14	−14	0	−1.33
20303		04 21 01.59	−03 43 08.1	7.41		H	65.256 613 39	−03.718 915 73		4.49	8.30	5.68	0.96	0.69	1.08	1.08	0.99	+29	+26	−14	+43	+16	−2	+5	+35	−30	+32	0	0.22
20304		04 21 02.36	−59 09 50.5	8.61	2	H	65.259 843 78	−59.164 015 28		3.30	12.48	5.22	0.77	0.75	0.83	0.90	0.89	−15	+24	−7	+20	+1	−7	−5	−6	−21	−16	0	−1.96
20305		04 21 02.53	+33 22 20.9	8.20		H	65.260 543 88	+33.372 467 29		7.57	11.45	−53.97	1.01	0.71	1.14	1.36	1.02	+28	+5	−14	+7	+7	−17	−5	+47	−28	+48	0	0.39
20306		04 21 03.12	+55 31 52.5	7.66		H	65.263 011 14	+55.531 249 31		6.58	−15.00	−0.24	0.76	0.60	0.86	0.85	0.71	−34	+10	−3	+57	−49	+9	−50	+62	−1	−36	1	0.80
*20307		04 21 03.61	−05 33 29.3	8.84		H	65.265 027 78	−05.558 135 06		4.94	15.54	−5.00	0.99	0.79	1.36	1.62	1.66	+68	+9	+19	+0	+9	−5	+18	+27	−13	+45	0	0.73
*20308		04 21 03.60	+56 42 44.1	7.08		H	65.265 014 13	+56.712 242 14		2.60	−5.63	−4.04	0.59	0.50	0.77	0.69	0.59	−3	+10	−1	+32	−29	+12	−29	+47	−11	−11	0	0.92
20309		04 21 03.80	−48 48 40.6	7.38		H	65.265 820 52	−48.811 281 05		8.59	−17.37	13.52	0.57	0.58	0.67	0.66	0.71	+4	−18	+2	−18	−15	+30	−18	−8	−2	+12	0	−1.55
*20310	H	04 21 04.09	−08 51 07.0	8.22		G	65.267 053 66	−08.851 956 58	A	3.75	−7.30	2.40	1.58	1.33	1.77	1.97	1.88	+20	+25	+19	+20	−27	+7	−22	+25	+3	−32	1	−0.04
*20311		04 21 04.06	+83 54 05.7	8.71		H	65.266 924 06	+83.901 575 00		8.84	−7.17	40.11	0.60	0.73	0.81	0.72	0.94	−5	+4	+3	−2	+6	+5	+6	+3	−10	−10	0	−0.22
20312		04 21 04.71	+01 11 39.8	7.61		H	65.269 645 11	+01.194 380 74		−1.66	10.95	−0.72	1.12	0.77	1.17	1.32	0.93	−3	+43	−27	−2	−14	+9	−16	−15	−12	+10	0	2.12
20313		04 21 05.44	−21 14 53.6	7.46		H	65.272 653 21	−21.248 216 18		3.59	−12.75	−8.65	0.59	0.58	0.92	0.62	0.71	−19	+12	+0	−48	+19	−3	+17	−17	−5	−12	1	1.26
20314		04 21 07.15	+55 30 18.9	7.93		H	65.279 812 31	+55.505 254 61		0.89	0.30	−2.48	0.72	0.58	0.88	0.80	0.67	−23	+8	+8	+49	−45	−4	−46	+55	−4	−26	1	1.55
20315		04 21 07.30	+81 25 42.8	8.03	2	H	65.280 429 48	+81.428 542 92		6.48	19.76	−41.37	0.54	0.60	0.74	0.54	0.71	−12	+33	−7	−8	−2	+4	+6	+6	+20	−14	1	1.66
20316		04 21 08.02	−31 11 45.5	8.98		H	65.283 422 12	−31.195 969 18		12.45	−13.39	−113.85	0.64	0.92	1.14	0.71	1.12	−13	−4	−1	+17	+3	+23	+4	+20	−2	+5	0	1.49
20317	H	04 21 08.37	−61 38 51.0	9.89		H	65.284 885 23	−61.647 507 52	*	4.53	−10.86	7.93	2.15	2.16	1.24	1.27	1.33	−2	+13	−10	−38	+12	−3	+11	−6	+8	+20	1	0.16
20318		04 21 08.89	+10 32 15.9	8.14		H	65.287 025 67	+10.537 745 87		8.94	−15.95	−3.79	1.09	0.78	1.24	1.14	0.95	+4	+43	−16	+5	+14	+10	+2	+21	−26	+13	0	−0.98
20319		04 21 09.82	+06 06 13.0	11.86		G	65.290 921 22	+06.103 617 52		11.64	669.26	−30.20	3.32	2.70	3.73	4.12	3.18	+6	+4	−43	+22	−34	+8	−28	−17	+18	+27	3	2.37
20320		04 21 11.09	−37 32 05.8	8.06		H	65.296 217 73	−37.534 940 34		2.77	−2.68	3.50	0.62	0.70	0.85	0.70	0.88	−6	−12	−16	−23	+1	+21	+1	−5	+2	+16	0	1.69
20321	H	04 21 12.48	+04 27 55.6	8.86		H	65.302 010 26	+04.465 438 08	A	1.42	0.17	−18.09	2.51	1.73	2.37	2.90	2.03	+23	+38	−3	+9	−3	−13	−6	+17	−8	+4	0	−0.01
20322		04 21 13.10	+00 51 49.6	7.84		H	65.304 582 71	+00.863 769 54		4.96	40.78	−2.09	0.94	0.71	1.00	1.19	0.96	+16	+30	−19	−4	−3	−12	−9	+1	−15	+31	0	0.62
20323		04 21 15.00	−45 02 37.8	7.72		H	65.312 516 99	−45.043 821 54		5.21	15.38	23.56	0.60	0.56	0.69	0.64	0.63	+1	+6	−3	−6	−8	+7	−9	+0	−10	+8	0	−0.80
20324		04 21 15.26	+27 21 00.9	7.21		H	65.313 569 36	+27.350 257 99		4.62	3.09	−5.24	0.85	0.60	0.97	0.93	0.74	+22	+34	−23	+3	−2	−3	−10	+22	−17	+38	0	0.58
20325		04 21 15.65	−87 48 47.2	7.50		H	65.315 227 20	−87.813 111 63		17.08	62.66	68.84	0.50	0.57	0.60	0.54	0.71	+3	+1	−9	−12	+6	+0	+10	+14	−11	−11	0	0.57
20326	H	04 21 16.65	+38 14 39.6	7.97		G	65.319 386 62	+38.244 323 40	*	10.76	−9.28	−17.81	2.22	1.29	1.26	1.36	1.12	+10	+20	+27	+7	+32	+35	+2	+64	+28	+55	0	0.13
20327		04 21 17.06	+55 11 16.6	9.36		H	65.321 079 19	+55.187 946 38		2.66	−3.75	6.78	0.87	0.75	1.17	1.07	0.92	−13	+6	−13	+33	−29	+11	−30	+46	−13	−4	0	−0.24
20328		04 21 17.35	+59 54 04.5	8.28		H	65.322 286 07	+59.901 256 27		7.27	9.07	−38.97	0.69	0.67	1.01	0.76	0.82	−11	+21	−23	+34	−19	+20	−19	+38	−12	+1	0	−0.73
20329		04 21 18.73	−33 50 11.5	9.17		H	65.328 029 57	−33.836 528 10		3.96	10.81	−61.70	0.67	0.86	1.00	0.79	1.09	−14	+3	−2	+7	−3	+13	−1	−13	−1	−7	2	1.08
20330		04 21 19.59	+76 06 22.1	6.74		H	65.331 614 82	+76.106 150 09		2.58	11.12	−18.75	0.40	0.48	0.58	0.42	0.53	−16	+17	+7	−22	+13	+9	+13	−13	+1	−22	0	0.82
20331		04 21 21.53	−48 29 56.4	9.14		H	65.339 691 95	−48.498 998 14		12.89	−38.97	−174.76	0.82	0.83	0.89	0.88	0.96	−3	−13	+8	−12	−31	+12	−34	−7	−1	+3	0	−0.32
20332		04 21 21.54	+53 42 03.3	7.86		H	65.339 747 06	+53.700 903 42		12.73	−29.00	−29.61	0.87	0.69	1.10	1.00	0.88	−22	+34	−34	+0	+18	−7	+2	+50	−25	+6	0	0.07
20333		04 21 22.14	−33 55 20.9	9.26		H	65.342 243 46	−33.922 477 26		4.14	21.94	27.09	0.69	0.87	1.00	0.81	1.12	−8	−2	−11	−7	−10	+9	−9	−12	−1	+2	0	0.41
20334		04 21 22.95	+62 14 45.6	8.25		H	65.345 613 94	+62.245 994 70		12.52	26.13	−123.44	0.66	0.79	0.98	0.81	0.95	+23	+5	−19	+29	+23	−5	+18	+58	−18	+36	3	1.35
20335		04 21 23.60	−46 50 32.4	9.57		H	65.348 336 81	−46.842 345 64		9.59	83.61	122.12	0.90	0.89	1.08	1.11	1.03	+3	−25	−2	−6	−1	−2	+3	−18	−6	+20	0	−1.02
20336		04 21 23.94	+18 15 58.8	8.04		H	65.349 755 16	+18.266 334 41		1.67	4.01	−4.56	1.07	0.61	1.17	1.18	0.95	+43	+48	+17	−6	+7	+0	+2	+38	−23	+25	7	0.70
20337		04 21 24.44	+72 04 33.5	9.21		H	65.351 850 99	+72.075 981 19		1.78	9.51	−13.62	0.73	0.94	1.27	0.77	1.18	−27	+14	+9	−4	−1	+9	−3	+3	−10	−36	0	−1.16
20338		04 21 26.29	−20 54 06.6	11.53	2	H	65.359 539 61	−20.901 821 81		35.83	197.15	141.96	2.32	2.58	4.25	2.52	3.16	−29	+11	−19	−50	+20	−9	+11	−13	−2	−4	0	0.84
20339		04 21 26.69	−69 36 56.7	8.39	1	H	65.361 194 56	−69.615 742 46		5.35	27.11	27.59	0.60	0.66	0.66	0.62	0.83	+4	+5	−1	−5	+6	+0	+7	−4	−9	+11	0	−1.81
20340		04 21 26.78	+34 34 16.0	7.42		H	65.361 579 50	+34.571 109 93		3.01	0.55	2.53	0.81	0.64	0.93	0.99	0.83	+29	+21	−13	+24	+16	−23	+10	+60	−28	+27	0	−0.02
20341		04 21 27.05	−00 05 52.3	5.86		G	65.362 708 88	−00.097 866 58		6.98	−19.81	−124.66	0.76	0.65	0.91	0.94	0.83	+25	+25	−33	+16	+10	−20	+1	+11	−23	+54	0	0.87
20342	H	04 21 28.68	−20 54 55.5	8.78		G	65.369 498 11	−20.915 410 53	A	27.46	190.51	130.36	4.36	3.10	1.87	1.33	1.36	−27	+7	−5	−34	+11	−7	+4	−7	−16	−12	1	0.33
20343		04 21 30.42	+04 09 24.8	10.28		H	65.376 759 74	+04.156 890 42		6.33	16.11	−4.28	4.24	2.99	4.53	5.74	3.91	−3	+16	−21	+9	−4	−7	−8	+17	−17	−3	0	
20344		04 21 30.45	−06 04 23.1	7.23		H	65.376 893 45	−06.073 091 72		5.29	−8.14	−40.28	0.72	0.58	0.90	1.00	1.04	+66	+13	+6	+20	+22	−1	+27	+39	−6	+45	0	0.29
20345		04 21 30.81	−14 16 23.4	7.84		H	65.378 354 31	−14.273 179 68		0.24	2.93	7.40	0.88	0.82	1.13	1.09	1.07	+13	+35	−11	+28	+12	−2	+12	+50	−12	−5	0	1.42
20346		04 21 30.88	−28 55 09.5	9.12		H	65.378 677 36	−28.919 315 05		−0.21	1.86	7.03	0.77	0.97	1.36	0.89	1.35	−6	+4	+12	+12	+1	−4	+1	+22	−8	+0	0	0.16
20347	H	04 21 31.29	−25 43 42.4	6.08		H	65.380 380 46	−25.728 457 17	A	18.40	37.06	−50.38	0.85	1.16	1.16	0.68	0.93	−19	+8	−5	−37	+0	+9	−8	−28	−6	−40	3	0.19
20348		04 21 31.40	+60 47 33.7	8.02		H	65.380 823 19	+60.792 698 34		5.11	0.13	−9.98	0.47	0.55	0.87	0.60	0.72	+14	+6	−14	+8	+2	+9	+2	+33	−4	+17	0	−1.82
20349		04 21 31.58	+21 02 23.9	6.79		H	65.381 598 24	+21.039 964 54		19.55	105.20	−36.00	0.88	0.64	0.89	1.08	0.91	+55	+0	−20	−29	−26	+21	−30	−9	+12	+66	0	0.79
20350		04 21 32.20	+18 25 03.6	6.80		H	65.384 168 13	+18.417 659 43		19.83	111.05	−31.69	0.83	0.55	0.89	0.95	0.80	+43	+39	+19	+13	+7	−12	+8	+45	−13	+25	2	−0.99
20351		04 21 32.25	−24 17 31.2	9.09		H	65.384 360 86	−24.291 992 46		7.61	−21.01	59.91	0.50	0.84	1.25	0.62	1.00	+6	+10	+1	+4	+5	+8	+3	−10	−9	−4	1	1.26
20352		04 21 32.86	+16 48 11.6	9.17		H	65.386 901 21	+16.803 209 61		6.46	39.10	−105.18	1.31	1.02	1.48	2.05	1.78	+33	+14	−16	+12	+3	+27	+2	+25	+24	+62	0	0.71
20353		04 21 33.11	+57 44 42.5	8.82		H	65.387 960 76	+57.745 126 64		2.93	−0.35	−1.32	0.93	0.79	1.14	1.12	0.98	−1	+11	−30	+56	−7	−1	−11	+61	−30	+12	0	−0.66
20354		04 21 33.15	+46 29 56.3	4.80	1	H	65.388 119 42	+46.498 962 90		7.03	21.41	−34.97	0.63	0.46	0.79	0.79	0.67	+7	+11	−24	−1	+18	+0	+0	+46	−11	+47	0	0.01
20355	H	04 21 33.67	−29 33 17.4	10.07		H	65.390 278 63	−29.554 835 54	*	0.96	17.47	27.62	1.00	1.42	1.74	1.08	1.77	−14	+4	−18	+17	−2	+10	−4	+45	−20	−5	0	3.45
20356	H	04 21 34.17	+06 58 27.5	8.32		H	65.392 370 18	+06.974 303 30	*	4.59	−0.80	−10.58	0.94	0.78	1.12	1.31	1.09	+11	+5	−33	+2	−20	+5	−15	−22	+33	+25	0	1.39
20357		04 21 34.73	+14 24 35.4	6.60		H	65.394 717 02	+14.409 835 62		19.46	105.19	−19.11	0.96	0.65	1.02	1.00	0.87	+33	+57	+12	−13	−19	−4	−13	−9	+5	+38	0	0.88
20358		04 21 35.20	−08 06 30.9	7.50		H	65.396 677 56	−08.108 585 79		7.78	−10.25	−7.34	0.81	0.63	1.03	0.98	0.97	+43	+38	+20	+20	+5	−3	+4	+24	+0	+23	4	0.76
20359		04 21 35.92	+48 20 13.1	9.63		G	65.399 648 54	+48.336 962 28		32.58	−34.84	11.09	1.41	1.01	1.95	1.75	1.53	−3	+26	−28	+0	+19	+14	+9	+59	−44	+1	0	0.11
20360		04 21 37.51	−06 17 02.9	6.45		H	65.406 296 27	−06.284 137 88		6.54	5.14	−13.89	0.64	0.52	0.84	0.92	1.08	+53	+11	−4	+15	+7	+16	+7	+13	+25	+54	2	0.38
20361	H	04 21 38.04	+05 23 21.0	9.10		H	65.408 491 94	+05.389 176 23	A	6.31	3.50	4.17	4.11	2.57	3.13	4.64	2.67	+26	+31	−19	−6	−3	−14	−10	+6	−17	−5	0	0.52
20362		04 21 38.90	+62 47 56.7	9.74		H	65.412 076 48	+62.799 080 75		1.11	−1.89	1.18	0.94	1.09	1.41	1.24	1.36	+16	+3	−23	+8	+23	−15	+12	+62	−30	+31	1	0.75
20363		04 21 39.08	−60 19 47.3	8.78		H	65.412 820 17	−60.329 797 27		6.26	−10.58	−0.13	0.70	0.72	0.75	0.82	0.83	−5	+9	−2	−11	+14	−4	+14	+0	+6	+1	0	0.88
20364		04 21 41.52	+63 49 59.0	8.14	1	H	65.422 999 19	+63.833 058 62		5.55	−21.71	−5.27	0.66	0.74	0.95	0.83	0.92	−8	−1	−3	+39	−13	−1	−13	+53	+3	−7	0	−0.60
20365		04 21 41.55	−42 35 54.1	8.85		H	65.423 115 10	−42.598 347 39		9.32	113.65	−2.36	0.66	0.72	0.83	0.65	0.74	+1	+1	+5	−3	−8	+14	−9	−2	−1	+3	0	0.83
20366		04 21 41.69	+10 46 18.1	8.69		H	65.423 694 36	+10.771 700 13		17.53	−30.55	−11.81	1.35	0.88	1.49	1.37	1.03	−5	+46	−25	−3	+16	−10	+2	+24	−20	+13	0	1.64
20367		04 21 41.91	+41 24 26.7	7.99		H	65.424 632 37	+41.407 420 81		4.15	−0.70	−0.05	0.82	0.59	1.02	0.83	0.81	+11	+25	−24	+4	+24	−3	+9	+50	−40	+28	0	−0.31
20368		04 21 42.45	−30 12 31.1	9.89		H	65.426 869 21	−30.208 631 78		5.16	32.18	3.75	0.86	0.99	1.32	0.99	1.52	+10	−12	−11	+15	+3	−2	+4	+15	−12	+20	0	1.32
20369		04 21 42.55	+19 28 06.7	8.37		G	65.427 299 38	+19.468 532 45		11.96	−38.01	5.24	1.07	0.71	1.13	1.29	1.04	+45	+21	+9	+28	+14	−8	+13	+56	−18	+32	0	−0.02
*20370	H	04 21 45.47	+50 02 06.7	7.11		G	65.439 463 59	+50.035 188 08	A	2.15	5.05	−7.14	1.66	1.14	1.90	1.99	1.38	−18	+38	−16	+36	−30	+34	−26	+43	−28	−49	1	2.85
*20371		04 21 45.34	+13 35 05.8	7.37		H	65.438 935 24	+13.584 933 49		7.87	−4.75	−0.72	0.96	0.64	0.98	1.02	0.77	+6	+46	+2	+22	+1	−4	−1	+35	−6	+0	0	−1.96
20372		04 21 45.67	−37 46 54.3	6.53		H	65.440 292 57	−37.781 739 59		4.93	−8.07	−42.14	0.48	0.56	0.66	0.55	0.70	−7	−10	−11	−23	+4	+18	+9	−20	−15	+12	1	1.12
20373		04 21 46.30	+02 23 25.6	6.92		H	65.442 906 57	+02.390 448 05		16.12	19.58	−141.73	0.93	0.76	1.03	1.16	0.91	+2	+24	−29	+28	−31	+20	−25	−8	−4	+14	0	−0.85
20374	H	04 21 46.66	−42 47 17.0	7.57		H	65.444 405 18	−42.788 049 24	A	5.38	21.20	77.71	0.72	0.80	0.85	0.70	0.76	−2	−10	−9	+1	−1	+26	+0	+14	−4	+6	2	0.07
20375		04 21 47.43	−21 46 14.8	7.53	1	H	65.447 612 15	−21.770 771 55		18.16	73.00	−21.96	0.58	0.56	0.88	0.66	0.71	−11	+22	−7	−11	+4	−5	+1	−3	−17	−21	0	1.80
20376		04 21 47.58	+60 44 09.2	5.40	1	H	65.448 262 92	+60.735 901 67		7.64	56.70	−113.66	0.41	0.48	0.72	0.54	0.63	+15	+6	−18	+9	+0	+7	+0	+35	−2	+17	0	−1.75
20377		04 21 48.10	+71 18 26.2	8.67		H	65.450 423 12	+71.307 282 87		1.86	8.48	−14.28	0.56	0.79	1.08	0.62	1.03	−24	+21	+1	−1	+0	−1	+2	+0	+11	−32	0	−2.62
20378		04 21 49.92	−50 00 15.4	9.14		H	65.457 999 28	−50.004 270 29		9.33	0.54	28.72	0.75	0.83	0.89	0.90	0.99	+3	+10	+1	+11	−6	−16	−6	−9	+7	−6	0	−0.32
20379		04 21 50.29	−13 52 54.8	8.22		H	65.459 526 13	−13.881 898 39		1.48	−1.69	1.27	0.87	0.84	1.21	0.98	1.07	+20	+37	−10	+15	+32	+20	+29	+48	−24	+3	0	0.61
20380		04 21 51.82	+56 30 22.7	5.91		H	65.465 922 07	+56.506 300 39		10.53	−14.56	7.06	0.51	0.43	0.68	0.59	0.52	−5	+18	−10	+33	−26	+8	−28	+51	−17	−5	0	2.04
20381		04 21 52.91	+54 15 36.9	9.35		H	65.470 461 52	+54.260 238 12		2.50	2.83	0.72	0.92	0.80	1.18	1.14	0.99	−3	−2	−10	+4	+12	+13	+11	+35	−11	+3	0	−0.31
20382		04 21 52.98	−81 46 45.3	8.07		H	65.470 732 49	−81.779 251 06		4.30	22.41	20.80	0.51	0.64	0.66	0.54	0.87	−16	+22	−24	−11	+2	−1	+5	−40	+12	−5	0	−2.37
20383		04 21 53.19	−32 11 16.8	9.10		H	65.471 620 16	−32.187 990 67		2.73	13.90	20.20	0.66	0.87	1.06	0.73	1.08	−3	+9	+0	+6	−2	+19	−1	−10	+2	+5	0	0.29
20384		04 21 53.22	−63 23 12.5	5.24		H	65.471 732 39	−63.386 815 14		8.58	85.20	174.37	0.38	0.40	0.43	0.34	0.43	−3	+4	−10	−35	+12	+4	+10	−9	+1	+18	1	0.18
20385		04 21 54.57	−41 13 12.0	7.95		H	65.477 362 73	−41.220 009 27		13.67	49.88	−70.82	0.61	0.55	0.68	0.84	0.71	−11	+7	−2	−3	−15	−2	−14	+2	−4	−20	1	−0.18
20386		04 21 55.69	+29 39 01.2	8.52		H	65.482 030 51	+29.650 343 93		3.50	9.99	−24.58	1.03	0.69	1.25	1.05	0.89	+27	+28	−7	+3	+9	−1	−6	+33	−40	+34	4	2.51
20387		04 21 57.40	+28 26 35.8	10.20	3	T	65.489 178 56	+28.443 268 25	*	7.49	9.08	−23.05	2.54	1.59	2.18	2.62	1.89	+52	+38	+20	−23	−34	−28	−32	−8	−18	+33	0	0.36
20388		04 21 58.84	+28 18 06.7	9.02	2	H	65.495 177 18	+28.301 872 93		7.81	7.52	−27.45	1.22	0.86	1.30	1.57	1.14	+25	+14	−11	−8	−27	−4	−29	+0	−12	+28	0	0.46
20389		04 21 58.86	+15 47 05.9	8.89		H	65.495 235 23	+15.784 964 56		4.49	−5.38	−12.32	1.39	1.04	1.51	1.73	1.46	+6	+26	−13	+9	−1	+4	−3	+18	+8	+42	0	2.15
*20390		04 21 59.42	+19 32 06.5	9.81	2	H	65.497 603 67	+19.535 149 37		5.66	15.45	−12.48	1.52	1.09	1.58	1.88	1.62	+43	+18	+1	+35	+25	−10	+20	+63	−20	+40	0	0.41
*20391		04 21 59.41	+22 15 22.7	9.39		H	65.497 534 28	+22.256 319 37		2.41	8.94	−1.38	1.57	0.98	1.82	2.20	1.48	+23	+7	−6	−16	−1	+18	+12	+20	−37	−26	0	−0.82
20392		04 21 59.53	+73 35 13.0	8.71		H	65.498 032 46	+73.586 931 44		−0.20	−1.85	−4.30	0.57	0.73	0.91	0.69	0.95	−19	+3	+6	+9	−4	+6	−3	+23	+7	−23	2	−0.16
20393		04 21 59.77	+11 34 22.9	9.72		H	65.499 054 18	+11.573 023 95		4.61	5.85	−7.17	1.57	1.15	1.86	1.76	1.38	+29	+39	−4	+9	+29	−26	+11	+39	−38	+30	0	−0.40
20394		04 22 00.17	−15 33 48.0	8.73		H	65.500 704 02	−15.563 344 82		4.30	5.59	−24.70	0.90	0.70	1.19	1.37	1.18	−13	+6	−3	+27	+9	+11	+9	+47	−13	−7	0	0.56
20395		04 22 00.26	+39 56 03.3	7.02		H	65.501 085 84	+39.934 247 26		19.51	−23.27	−118.48	0.77	0.53	0.88	0.92	0.74	+19	+22	−19	−10	+3	+18	−10	+33	−2	+52	2	1.25
20396	H	04 22 00.66	−51 29 35.4	10.03		H	65.502 749 60	−51.493 172 93	*	4.47	−9.51	−12.82	1.01	0.99	1.10	1.05	1.10	−10	+2	−5	−5	+10	−10	+10	−8	−9	+3	0	−0.90
20397		04 22 00.93	+12 30 32.1	9.27		G	65.503 869 21	+12.508 926 19		19.15	29.73	66.31	1.74	0.97	2.11	1.62	1.24	+7	+64	−12	+5	+18	−20	−18	+37	−45	+18	0	0.90
20398		04 22 02.33	−34 53 50.5	8.44		H	65.509 715 68	−34.897 351 50		9.55	15.98	24.59	0.62	0.72	0.93	0.67	0.83	−4	−1	−16	+7	−12	+3	−13	−2	+14	−1	1	−0.53
20399		04 22 03.41	+67 43 35.8	7.52		H	65.514 218 26	+67.726 604 55		2.77	9.48	−20.53	0.50	0.58	0.85	0.57	0.71	−6	+7	−6	−32	−1	+19	−4	+9	+19	+11	0	0.01
20400		04 22 03.45	+14 04 38.1	5.72		H	65.514 373 51	+14.077 250 51		21.87	114.04	−21.40	0.86	0.59	0.96	0.94	0.80	+16	+51	−14	−10	−23	+7	−7	−17	+25	+37	0	0.16

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No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
20301	9.650	0.016	8.369	0.010		1.090	0.015	T	1.05	0.02	L	8.4174	0.0014	0.015	145		8.38	8.45					1							
20302						1.385	0.009	G	1.64	0.02	I	10.7643	0.0033	0.037	129		10.70	10.83		C			1 G							G
20303	8.679	0.020	7.521	0.013		0.994	0.019	T	0.97	0.01	L	7.5702	0.0015	0.009	60		7.55	7.60		C			1							S
20304	10.665	0.042	8.827	0.016		1.561	0.037	T	2.27	0.09	O	8.6628	0.0080	0.054	89		8.59	8.77		U 2 C			1 S							
20305	9.601	0.023	8.351	0.014		1.066	0.021	T	1.03	0.02	L	8.3704	0.0018	0.010	75		8.35	8.39		C			1							
20306	7.851	0.007	7.677	0.008		0.167	0.010	T	0.18	0.01	L	7.7123	0.0011	0.011	134		7.68	7.73			04211+5531	I 2	1							S
20307	10.247	0.025	8.980	0.014		1.079	0.022	T	1.04	0.02	L	9.0045	0.0017	0.018	164		8.97	9.03		C			1							
20308	8.945	0.012	7.235	0.006		1.427	0.011	T	1.41	0.02	L	7.2185	0.0012	0.010	132		7.20	7.23					1							S
20309	7.596	0.007	7.394	0.007		0.186	0.010	T	0.20	0.01	L	7.4435	0.0009	0.009	101		7.43	7.46					1							S
20310	8.791	0.025	8.356	0.025	A	0.441	0.015	G	0.51	0.02	H *	8.3263	0.0023	0.014	79	*	8.30	8.36		D	04211−0851	I 1	2 C A	AB	260	3.198	0.027	2.91	0.11	S
20311	9.271	0.017	8.783	0.016		0.459	0.021	T	0.53	0.02	L	8.8126	0.0015	0.018	129		8.78	8.85		C			1							
20312	9.716	0.035	7.773	0.015		1.612	0.030	T	1.63	0.03	L	7.7223	0.0021	0.011	36		7.70	7.74					1							S
20313	9.050	0.012	7.612	0.007		1.213	0.011	T	1.17	0.01	L	7.6252	0.0011	0.012	158		7.60	7.65					1							S
20314	8.187	0.009	7.942	0.009		0.233	0.012	T	0.26	0.01	L	7.9997	0.0012	0.012	142		7.98	8.03			04211+5531	I 2	1							
20315	8.313	0.008	8.054	0.008		0.247	0.011	T	0.28	0.01	L	8.0975	0.0046	0.042	131		8.04	8.16	0.07	P 1 A			1							
20316	9.705	0.019	9.045	0.017		0.602	0.019	T	0.67	0.02	L	9.1075	0.0023	0.020	137		9.07	9.15					1							
20317	10.325	0.030	9.932	0.032	*	0.372	0.041	T	0.43	0.04	L *	9.9756	0.0025	0.022	107	*	9.94	10.02		D	04211−6139	H 1	2 C A	AB	101	0.276	0.010	1.16	0.13	
20318	8.483	0.014	8.188	0.014		0.280	0.019	T	0.32	0.02	L	8.2115	0.0016	0.009	50		8.20	8.23		C			1							S
20319						1.180	0.015	G	1.30	0.03	I	11.9498	0.0102	0.060	48		11.56	12.03					1							G
20320	9.242	0.014	8.142	0.010		0.950	0.013	T	0.94	0.01	L	8.2204	0.0019	0.015	121		8.19	8.25					1							
20321	10.349	0.047	9.026	0.026	*	1.123	0.042	T	1.09	0.04	L *	9.0266	0.0038	0.019	50	*	8.98	9.05		C	04212+0428	H 1	2 C B	AB	198	0.734	0.040	3.01	0.20	
20322	8.562	0.016	7.892	0.014		0.620	0.018	T	0.69	0.02	L	7.9704	0.0015	0.008	47		7.96	7.99		C			1							S
20323	8.926	0.012	7.813	0.008		0.959	0.011	T	0.95	0.01	L	7.8782	0.0013	0.013	118		7.86	7.90					1							S
20324	9.965	0.035	7.526	0.011		2.020	0.030	G	2.26	0.03	C	7.2636	0.0019	0.014	71		7.24	7.29					1							S
20325	8.045	0.008	7.553	0.007		0.473	0.015	G	0.54	0.02	H	7.6085	0.0013	0.012	128		7.59	7.63		C			1							S
20326	8.342	0.011	7.995	0.011	*	0.351	0.004	G	0.41	0.00	H *	8.0547	0.0013	0.010	81	*	8.04	8.07		D	04213+3815	H 1	2 C B	AB	140	0.258	0.032	3.05	0.36	S
20327	9.977	0.023	9.448	0.022		0.496	0.029	T	0.57	0.03	L	9.4824	0.0026	0.026	122		9.45	9.54		R			1							G
20328	8.472	0.009	8.288	0.011		0.176	0.013	T	0.19	0.01	L	8.3395	0.0017	0.016	115		8.31	8.37					1							
20329	10.424	0.033	9.268	0.020		0.993	0.030	T	0.97	0.02	L	9.3361	0.0018	0.021	130		9.30	9.37		C			1							
20330	6.669	0.004	6.736	0.004		−0.043	0.004	G	−0.02	0.00	H	6.7347	0.0007	0.008	150		6.72	6.75		C			1							S
20331	9.951	0.022	9.199	0.019		0.672	0.022	T	0.73	0.02	L	9.2769	0.0019	0.017	102		9.24	9.32		C			1							
20332	8.276	0.010	7.903	0.011		0.400	0.007	G	0.47	0.01	H	7.9523	0.0015	0.012	92		7.93	7.98		C			1							S
20333	9.637	0.019	9.324	0.021		0.297	0.027	T	0.34	0.04	L	9.3349	0.0021	0.019	128		9.30	9.37		C			1							
20334	9.610	0.015	8.354	0.010		1.071	0.014	T	1.04	0.01	L	8.4152	0.0019	0.018	131		8.39	8.44					1							S
20335	10.206	0.025	9.626	0.024		0.544	0.026	T	0.62	0.02	L	9.6922	0.0020	0.021	103		9.66	9.74					1							
20336	8.532	0.012	8.098	0.012		0.410	0.016	T	0.48	0.02	L	8.1364	0.0013	0.010	77		8.12	8.15		C			1							S
20337	10.503	0.026	9.306	0.016		1.025	0.024	T	1.00	0.02	L	9.3746	0.0019	0.027	167		9.33	9.43					1							
20338	12.548	0.272	11.559	0.200		0.866	0.251	T	0.88	0.18	L	11.6917	0.0065	0.078	178		11.47	11.84		U			1 S							D G
20339	8.817	0.012	8.420	0.012		0.376	0.016	T	0.44	0.02	L	8.4726	0.0018	0.015	117		8.44	8.50		M			1							S
20340	9.505	0.033	7.630	0.015		1.558	0.029	T	1.58	0.03	L	7.5380	0.0014	0.010	80		7.53	7.56		C			1							S
20341	7.596	0.010	6.012	0.005		1.320	0.015	G	1.31	0.04	E	6.0066	0.0007	0.004	55		6.00	6.01			04214−0006	I 1	1							S
20342	9.961	0.022	8.911	0.015	*	0.939	0.003	G	0.99	0.00	I *	8.9149	0.0018	0.021	184	*	8.88	8.95		D	04215−2055	I 1	2 C A	AB	107	0.322	0.009	1.24	0.10	
20343	10.864	0.097	10.386	0.105		0.501	0.072	G	0.57	0.08	R	10.3926	0.0060	0.026	46		10.34	10.44		C			1 X							G
20344	8.529	0.009	7.332	0.006		1.025	0.008	T	1.00	0.01	L	7.3932	0.0008	0.009	139		7.38	7.41		C			1							S
20345	9.925	0.025	8.031	0.011		1.573	0.022	T	1.59	0.02	L	7.9542	0.0017	0.017	80		7.93	7.98					1							S
20346	10.371	0.026	9.196	0.016		1.008	0.024	T	0.98	0.02	L	9.2891	0.0021	0.025	149		9.23	9.33					1							S
20347	6.507	0.003	6.127	0.003	*	0.371	0.003	T	0.43	0.00	L *	6.1666	0.0008	0.009	223	*	6.15	6.19		D	04215−2544	I 1	2 C A	AB	340	0.494	0.002	0.26	0.01	S
20348	8.003	0.006	8.015	0.007		−0.006	0.008	T	0.01	0.01	L	8.0282	0.0012	0.014	153		8.01	8.05		C			1							
20349	7.306	0.008	6.837	0.006		0.434	0.015	G	0.50	0.02	A	6.8884	0.0011	0.006	70		6.88	6.90		C			1							S
20350	7.334	0.005	6.856	0.004		0.441	0.014	G	0.50	0.02	A	6.9026	0.0008	0.006	83		6.89	6.91		C			1							S
20351	10.089	0.017	9.178	0.012		0.793	0.016	T	0.82	0.01	L	9.2310	0.0014	0.020	220		9.20	9.27					1							
20352	9.826	0.031	9.232	0.028		0.554	0.037	T	0.63	0.03	L	9.2883	0.0026	0.017	59		9.25	9.32		C			1							
20353	9.324	0.017	8.847	0.016		0.449	0.021	T	0.52	0.02	L	8.9243	0.0017	0.018	117		8.89	8.96		C			1							
20354	4.754	0.004	4.809	0.003		−0.022	0.020	G	0.03	0.03	C	4.8094	0.0028	0.019	104		4.77	4.85	2.17	P 1 A			1							S P
20355	10.805	0.038	10.166	0.034	*	0.587	0.038	T	0.66	0.04	L *	10.1949	0.0034	0.038	136	*	10.13	10.26			04216−2933	H 1	2 C S A	AB	90	0.170	0.015	0.24	0.45	
20356	8.626	0.014	8.347	0.016	*	0.265	0.020	T	0.30	0.03	L *	8.3951	0.0009	0.008	47	*	8.38	8.41		D	04216+0658	I 1	2 C S A	AS	341	0.154	0.010	1.08	0.34	
20357	7.084	0.007	6.637	0.006		0.412	0.014	G	0.48	0.02	A	6.6899	0.0012	0.006	45		6.68	6.70		C			1							S
20358	7.529	0.006	7.496	0.008		0.025	0.003	G	0.04	0.00	H	7.5141	0.0011	0.011	92		7.50	7.53		C			1							S
20359	11.135	0.066	9.748	0.031		1.166	0.002	G	1.13	0.00	I	9.7589	0.0023	0.022	81		9.73	9.79		C			1							G
20360	6.519	0.003	6.446	0.004		0.056	0.004	G	0.07	0.00	H	6.4696	0.0009	0.007	123		6.46	6.48		C			1							S
20361	9.915	0.036	9.514	0.039	A	0.100	0.495	G	0.57	0.07	B *	9.2127	0.0033	0.014	40	*	9.17	9.23		R	04216+0523	I 1	2 C A	AB	196	1.381	0.011	0.40	0.02	
20362	10.164	0.027	9.807	0.029		0.338	0.037	T	0.39	0.05	L	9.8205	0.0028	0.027	112		9.77	9.87					1							G
20363	9.932	0.020	8.858	0.014		0.930	0.019	T	0.92	0.01	L	8.9405	0.0020	0.018	116		8.89	8.97					1							
20364	10.651	0.034	8.450	0.011		1.818	0.029	T	1.85	0.03	L	8.2313	0.0024	0.018	121		8.19	8.26		U			1							
20365	9.577	0.017	8.910	0.015		0.608	0.017	T	0.68	0.01	L	8.9744	0.0017	0.018	121		8.94	9.01		C			1							
20366	9.420	0.023	8.770	0.021		0.603	0.027	T	0.67	0.02	L	8.8193	0.0038	0.016	47		8.80	8.85					1							
20367	8.120	0.009	8.016	0.011		0.101	0.013	T	0.11	0.01	L	8.0337	0.0015	0.013	88		8.01	8.05					1							S
20368	10.518	0.030	9.929	0.028		0.551	0.030	T	0.62	0.03	L	10.0068	0.0023	0.027	133		9.95	10.08		C			1							
20369	8.876	0.015	8.414	0.015		0.445	0.015	G	0.51	0.02	H	8.4671	0.0012	0.013	96		8.44	8.49		C			1							
20370	8.795	0.014	7.339	0.008	A	1.322	0.030	G	1.31	0.03	H *	7.2795	0.0021	0.020	96	*	7.24	7.30		R	04218+5002	I 1	2 C A	AB	259	2.027	0.008	1.57	0.04	S
20371	7.582	0.010	7.376	0.009		0.172	0.003	G	0.19	0.00	H	7.4245	0.0022	0.013	53		7.40	7.44					1							S
20372	8.341	0.009	6.681	0.004		1.388	0.008	T	1.36	0.01	L	6.6758	0.0009	0.009	131		6.66	6.69		C			1							S
20373	7.591	0.009	6.986	0.009		0.571	0.015	G	0.64	0.01	H	7.0480	0.0018	0.010	43		7.04	7.07					1							S
20374	8.664	0.016	7.600	0.012	*	0.922	0.015	T	0.92	0.01	L *	7.7335	0.0012	0.012	123	*	7.71	7.75		D	04218−4247	I 1	2 C A	AB	144	2.289	0.009	2.60	0.04	S
20375	8.222	0.008	7.596	0.007		0.569	0.012	G	0.64	0.01	H	7.6553	0.0012	0.015	138		7.63	7.68		M			1							S
20376	7.378	0.005	5.580	0.003		1.497	0.005	T	1.52	0.01	L	5.5234	0.0010	0.010	153		5.51	5.54		M			1							S
20377	9.850	0.016	8.786	0.011		0.922	0.015	T	0.92	0.01	L	8.8288	0.0016	0.018	189		8.79	8.86		C			1							
20378	9.877	0.019	9.208	0.017		0.609	0.019	T	0.68	0.02	L	9.2703	0.0021	0.019	104		9.24	9.30		C			1							
20379	8.369	0.010	8.234	0.012		0.122	0.015	T	0.14	0.01	L	8.2689	0.0018	0.016	80		8.24	8.30					1							S
20380	6.054	0.003	5.924	0.003		0.112	0.002	G	0.13	0.00	H	5.9568	0.0004	0.005	127		5.95	5.96		C			1							S
20381	9.961	0.026	9.428	0.025		0.500	0.032	T	0.57	0.03	L	9.4597	0.0025	0.021	93		9.43	9.50					1							G
20382	9.563	0.018	8.183	0.010		1.168	0.016	T	1.13	0.01	L	8.2362	0.0012	0.010	108		8.22	8.26		C			1							
20383	10.319	0.028	9.202	0.017		0.962	0.025	T	0.95	0.02	L	9.2668	0.0024	0.022	130		9.24	9.34					1							
20384	6.451	0.004	5.341	0.003		0.955	0.002	G	0.91	0.04	E	5.4000	0.0008	0.006	116		5.39	5.41		C			1							S
20385	8.467	0.009	7.997	0.009		0.456	0.010	T	0.53	0.01	L	8.0502	0.0010	0.011	119		8.03	8.07		D	04219−4113	I 1	1							S
20386	9.087	0.017	8.591	0.017		0.466	0.022	T	0.54	0.02	L	8.6229	0.0018	0.017	83		8.60	8.65		C			1							S
20387	11.359	0.085	10.304	0.058		0.915	0.078	T	0.91	0.06	L	10.4974	0.0652	0.495	72		9.73	11.09		U 2 B			1 V							G
20388	10.002	0.027	9.105	0.020		0.798	0.025	T	0.83	0.02	L	9.1646	0.0060	0.039	70		9.12	9.24		U 2 C			1							
20389	10.797	0.088	9.111	0.033		1.408	0.074	T	1.39	0.09	L	9.0314	0.0033	0.020	39		8.99	9.07					1 S							
20390	11.326	0.082	10.012	0.041		1.116	0.072	T	1.08	0.07	L	9.9817	0.0074	0.063	84		9.87	10.12		U 2 B			1 S							G P
20391	11.648	0.170	9.573	0.039		1.717	0.139	T	1.74	0.14	L	9.4945	0.0039	0.025	47		9.46	9.53		C			1 S							
20392	8.765	0.009	8.718	0.011		0.048	0.013	T	0.06	0.01	L	8.7363	0.0013	0.016	153		8.71	8.77		C			1							
20393	10.396	0.045	9.794	0.042		0.561	0.054	T	0.63	0.05	L	9.8398	0.0023	0.020	55		9.80	9.87		C			1							
20394	9.926	0.019	8.822	0.013		0.952	0.018	T	0.94	0.01	L	8.8933	0.0017	0.021	145		8.85	8.94					1							
20395	7.771	0.007	7.106	0.006		0.616	0.008	T	0.68	0.01	L	7.1527	0.0011	0.008	95		7.14	7.17			04220+3956	I 1	1							S
20396	10.487	0.031	10.011	0.032	*	0.461	0.035	T	0.53	0.04	L *	10.1292	0.0027	0.030	120	*	10.09	10.18			04220−5130	H 1	2 C S A	AB	290	0.177	0.009	0.33	0.31	
20397	10.138	0.047	9.345	0.038		0.689	0.003	G	0.75	0.00	H	9.4011	0.0044	0.018	41		9.37	9.43					1							
20398	9.129	0.014	8.513	0.012		0.571	0.014	T	0.64	0.01	L	8.5654	0.0021	0.019	127		8.54	8.59		C			1							S
20399	8.835	0.011	7.630	0.007		1.031	0.010	T	1.00	0.01	L	7.6875	0.0013	0.013	147		7.67	7.72					1							S
20400	6.102	0.005	5.752	0.004		0.315	0.008	G	0.37	0.03	C	5.7967	0.0014	0.007	52		5.79	5.81			04220+1405	I 1	1							S P

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
20401		04 22 03.69	−09 57 06.5	8.21	1	H	65.515 367 31	−09.951 812 46	A	4.51	−11.86	−36.76	1.45	1.32	1.86	1.65	1.52	+29	+29	−25	+26	+34	−19	+31	+63	−17	+20	2	1.04
20402		04 22 05.94	+81 37 55.8	7.60		H	65.524 743 85	+81.632 159 71		5.26	16.47	−28.35	0.48	0.54	0.64	0.49	0.62	−12	+23	−3	−10	+2	+8	+5	−2	+10	−9	0	−0.06
20403	H	04 22 05.98	+51 01 00.9	8.57		H	65.524 919 69	+51.016 914 25	A	5.21	18.02	−28.91	1.80	1.37	2.18	1.75	1.54	−30	+16	−31	+2	+2	+12	−8	+34	−33	−9	1	−0.18
20404		04 22 06.47	−41 45 55.6	8.72		H	65.526 948 57	−41.765 430 69		2.76	5.30	8.57	0.66	0.67	0.79	0.81	0.83	−18	+16	−7	+5	−13	+7	−13	+5	+2	−31	0	0.14
20405		04 22 06.99	+79 00 02.8	8.15		H	65.529 136 27	+79.000 788 11		7.31	18.19	−19.38	0.51	0.62	0.72	0.56	0.78	−9	+19	−2	+4	−3	−1	−1	−2	+8	−1	0	−0.75
20406		04 22 07.57	−19 37 33.5	8.02		H	65.531 558 69	−19.625 964 62		5.53	1.32	0.03	0.77	0.68	1.02	1.01	0.96	−38	+22	−10	+27	−26	+7	−27	+34	−14	−50	0	0.86
20407	H	04 22 10.21	−04 40 37.0	7.47		G	65.542 562 35	−04.676 950 89	A	9.08	7.59	2.48	2.29	1.55	1.95	2.29	1.98	+64	+19	+3	+6	+12	−11	+7	+28	−13	+58	2	−0.05
20408		04 22 11.27	−17 02 42.6	9.87	1	H	65.546 942 62	−17.045 154 12		−1.38	4.58	12.28	1.26	1.00	1.67	1.85	1.67	−24	+8	−15	+18	−1	−1	+1	+36	−24	−32	0	0.77
20409		04 22 12.41	−10 15 54.1	8.48		H	65.551 728 77	−10.265 040 92		6.64	2.91	−8.92	0.89	0.77	1.30	0.95	0.91	+16	+44	−30	+38	+31	−8	+26	+64	−12	+15	0	−0.61
20410		04 22 13.18	+04 20 15.4	11.94		G	65.554 897 99	+04.337 606 45		12.45	72.02	−192.55	3.71	2.79	4.13	4.99	3.65	+12	+24	+5	+13	+2	−17	−3	+15	−21	+2	0	0.23
20411		04 22 13.57	−19 25 15.2	8.44		H	65.556 528 09	−19.420 896 58		5.55	−11.55	−20.55	0.83	0.67	1.05	1.04	0.95	−24	+30	−8	+29	−19	+10	−23	+28	−16	−38	0	1.13
20412		04 22 19.20	+22 39 45.0	8.79		H	65.579 985 71	+22.662 492 24		2.13	5.32	−36.23	1.36	0.91	1.55	1.78	1.30	+27	+6	−16	+1	+4	+5	+12	+32	−29	−7	0	−0.47
20413		04 22 19.23	+45 36 52.8	10.32		G	65.580 105 61	+45.614 667 58		13.10	75.34	−159.01	1.52	0.93	1.94	1.97	1.40	−26	+31	−35	−4	+9	+12	−13	+51	−19	+23	2	−1.28
20414		04 22 20.30	+03 20 48.6	10.12		H	65.584 582 38	+03.346 825 58		1.70	−4.34	−30.83	1.99	1.45	2.17	2.28	1.81	−2	+27	−24	+20	−14	−10	−16	+3	+2	+13	0	1.02
20415		04 22 20.63	+30 25 26.4	9.09		G	65.585 972 14	+30.423 993 16		15.44	108.46	−48.83	1.08	0.80	1.28	1.22	1.08	+26	+24	−28	+2	+20	−12	+1	+42	−31	+56	0	0.08
20416		04 22 21.76	+79 22 52.5	8.90		H	65.590 649 22	+79.381 239 28		3.09	−4.66	6.30	0.64	0.81	0.92	0.73	1.02	−1	+13	+0	+6	−1	+11	+5	−19	+19	+13	0	0.09
20417	H	04 22 22.73	+20 49 17.1	5.91	1	G	65.594 712 74	+20.821 418 42	A	1.86	−1.99	−1.04	1.15	0.80	1.13	1.18	0.96	+34	+19	−7	−21	−18	+14	−15	+7	−3	+28	1	0.93
20418		04 22 24.02	−25 54 33.0	9.54		H	65.600 100 68	−25.909 173 93		10.77	8.74	−18.31	0.81	1.06	1.56	0.96	1.30	−16	+13	−11	−19	−10	+1	−7	−2	−6	−37	0	−0.57
20419		04 22 25.62	+11 18 20.6	9.79		H	65.606 755 35	+11.305 730 62		19.17	115.03	−6.69	1.72	1.28	1.93	2.11	1.54	+23	+16	−6	+10	+10	−18	+5	+22	−27	+20	0	−0.23
20420		04 22 25.66	−61 50 05.8	8.72		H	65.606 905 42	−61.834 948 48		2.05	8.27	6.76	0.75	0.67	0.73	0.76	0.75	−10	+10	−20	−48	+13	−4	+7	−24	+0	+18	1	0.06
20421		04 22 26.50	+36 54 20.4	8.07		H	65.610 421 62	+36.905 655 50		3.07	4.02	−7.82	0.99	0.72	1.08	1.12	0.90	+34	+19	−7	+22	+20	+1	+19	+58	−23	+26	0	−1.41
20422		04 22 28.05	−00 33 06.6	7.27		G	65.616 879 98	−00.551 826 79		4.38	11.69	−16.42	0.88	0.78	1.15	1.10	0.96	+19	+23	−46	+8	+9	−23	−3	+4	−17	+51	0	−0.26
20423		04 22 29.26	−18 52 07.4	8.99		H	65.621 897 39	−18.868 721 13		2.34	−6.20	1.36	1.03	0.86	1.36	1.06	1.11	−5	+38	−25	+21	+8	+2	+1	+38	−18	+10	3	−1.14
20424		04 22 30.12	+03 24 35.0	8.77		G	65.625 497 34	+03.409 729 53		5.28	15.51	−19.28	1.33	0.97	1.44	1.51	1.19	−1	+30	−22	+15	−13	−8	−15	+2	−4	+11	0	−0.38
20425		04 22 32.99	+05 41 39.3	9.19		H	65.637 453 37	+05.694 258 46		3.81	20.29	−21.75	1.28	0.97	1.40	1.39	1.17	+12	+34	−13	+17	−5	−13	−13	+17	−17	+25	0	0.67
20426		04 22 33.94	+32 28 04.6	7.27		H	65.641 396 57	+32.467 938 20		1.40	−0.66	−6.05	0.86	0.55	0.96	1.01	0.68	+18	+26	+14	+13	−16	−7	−16	+39	−12	+7	0	−1.85
20427		04 22 34.75	+26 19 52.6	10.25		H	65.644 797 89	+26.331 283 34		3.24	−3.54	19.39	1.74	1.09	2.06	1.64	1.32	+11	+54	−19	−10	+7	−23	−16	+20	−31	+40	0	−1.15
20428		04 22 34.79	−55 05 46.9	8.46		H	65.644 939 75	−55.096 366 53		2.85	14.98	28.39	0.65	0.75	0.75	0.72	0.85	−5	+3	−6	−9	−5	−13	−3	+4	+8	−24	3	1.88
20429		04 22 34.83	−05 30 04.1	9.07	3	H	65.645 131 53	−05.501 125 14		0.49	4.98	−7.30	1.39	1.05	1.65	1.86	1.97	+73	+12	+19	−11	−9	+9	−11	+5	+10	+53	0	−0.14
20430		04 22 34.93	+25 37 45.7	5.38	1	H	65.645 543 50	+25.629 357 71		12.19	20.37	−17.88	0.92	0.65	1.00	1.06	0.81	+24	+26	+6	+5	−15	−21	−19	+12	−16	+27	0	2.39
20431		04 22 35.45	−04 54 19.7	8.04		G	65.647 727 77	−04.905 481 28		7.96	−13.25	−23.15	1.00	0.75	1.08	1.32	1.36	+60	+31	+10	+7	+5	−2	+2	+17	+6	+59	0	−1.11
20432		04 22 36.52	−31 04 09.4	9.15		H	65.652 165 77	−31.069 271 87		1.85	3.73	2.48	0.66	0.80	1.07	0.72	1.01	−1	+5	−10	+4	−10	+19	−9	−8	+1	+6	0	2.52
20433		04 22 37.39	+43 26 57.5	7.89		G	65.655 803 84	+43.449 297 90		7.69	−10.30	−10.02	0.94	0.59	1.18	0.83	0.76	+25	+48	−7	−9	+19	+7	−3	+35	−32	+42	0	−0.43
20434		04 22 37.43	+51 56 30.5	7.71		H	65.655 953 93	+51.941 814 90		16.38	146.62	−94.46	0.76	0.62	1.02	0.93	0.86	−10	+20	−29	+4	+18	−11	+7	+36	−27	+12	0	−0.48
20435		04 22 37.67	+66 27 40.5	9.80		H	65.656 959 81	+66.461 262 51		4.71	16.86	−16.10	0.73	0.96	1.38	0.87	1.18	−13	+14	−26	−15	−8	+4	−9	−9	+7	+14	0	1.05
20436		04 22 39.89	+47 39 36.1	7.85	2	G	65.666 225 09	+47.660 039 62		1.05	31.47	−4.89	0.84	0.63	1.09	1.05	0.93	+3	+12	−26	−3	+19	−3	+8	+54	−32	+20	4	0.12
20437		04 22 41.05	+71 02 40.5	8.87	1	H	65.671 035 27	+71.044 577 20		2.54	−3.42	−3.22	0.54	0.78	1.00	0.59	0.95	−18	+19	−3	+3	+0	−6	+2	+9	+8	−26	0	−0.72
20438		04 22 42.50	−02 14 39.1	8.16		H	65.677 087 88	−02.244 186 09		5.94	−8.67	−12.12	1.10	0.97	1.08	1.51	1.40	+45	+23	−26	+44	+48	−18	+39	+59	−16	+62	3	0.57
20439		04 22 43.57	+01 29 50.8	9.50		H	65.681 522 20	+01.497 455 64		0.11	7.70	−34.85	1.55	1.00	1.61	2.48	1.47	−12	+25	−18	−38	+13	−2	+2	−22	−39	−25	0	0.58
20440	H	04 22 44.10	+15 03 22.1	6.97		G	65.683 765 13	+15.056 139 81	A	21.45	111.98	−19.88	2.62	1.65	2.76	2.43	1.97	−7	+50	−23	+0	+9	+6	−16	+35	−30	+46	0	0.60
20441		04 22 44.67	+16 47 27.7	7.86		H	65.686 144 03	+16.791 028 88		26.96	173.30	4.67	2.66	2.36	1.40	11.52	10.19	+86	−41	−53	−77	−86	+58	−83	−83	+60	+95	0	0.55
20442		04 22 44.92	−78 42 52.1	8.70		H	65.687 151 61	−78.714 462 79		7.78	−47.58	2.17	0.69	0.77	0.79	0.71	0.92	−12	+27	−29	−18	−11	+0	−17	+4	−16	−5	0	0.45
20443		04 22 46.30	−20 14 34.3	8.23		H	65.692 911 77	−20.242 850 83		4.12	7.66	10.08	0.68	0.61	1.01	0.77	0.77	−31	+7	−11	−39	+12	+11	+10	−8	−17	−27	1	1.01
20444		04 22 46.77	−33 07 20.8	10.04		G	65.694 861 95	−33.122 448 63		21.31	−129.55	−335.88	0.94	1.17	1.39	1.09	1.33	−15	+2	+0	+34	−21	+9	−19	+5	+9	−7	4	3.20
20445		04 22 47.87	−45 29 07.8	8.46		H	65.699 473 09	−45.485 504 39		2.89	7.46	1.35	0.63	0.66	0.77	0.67	0.74	+4	+9	−1	−1	+2	−2	+2	+2	+1	+15	1	−0.91
*20446		04 22 51.08	−82 53 56.7	6.77		H	65.712 843 66	−82.899 089 00		10.05	−13.43	4.65	0.44	0.50	0.56	0.49	0.70	−16	+26	−20	−10	−6	−8	−4	−30	+11	−2	0	−2.70
*20447		04 22 50.95	+09 46 17.3	8.11		H	65.712 293 48	+09.771 462 10		7.60	14.13	−56.33	0.99	0.89	1.23	1.49	1.34	+30	+12	−33	−9	−12	+32	−2	−9	+15	+60	0	1.09
20448		04 22 51.21	+70 50 43.1	8.20		G	65.713 394 34	+70.845 300 40		4.66	25.70	−29.28	0.45	0.66	0.85	0.50	0.80	−15	+15	−4	+2	+0	+0	+0	−1	+0	−19	0	−0.14
20449		04 22 52.01	+68 29 37.2	8.81		H	65.716 704 29	+68.493 663 63		2.17	12.16	−6.96	0.50	0.82	1.10	0.63	0.93	−5	+15	−6	+18	+14	+7	+16	+2	+29	−1	0	−1.17
20450	H	04 22 53.34	+47 46 34.6	9.55		H	65.722 235 06	+47.776 280 03	A	0.27	−1.66	−1.96	2.94	1.70	2.38	2.40	2.00	+1	+4	−40	+2	+10	+8	+8	+56	−33	−5	0	0.65
20451		04 22 53.45	−21 35 50.6	9.86		G	65.722 710 92	−21.597 393 02		0.42	14.63	27.98	2.18	2.02	3.18	2.30	2.54	−4	+17	−6	−38	+9	−2	+8	−6	−13	−3	2	
20452		04 22 53.58	+37 57 05.0	8.32		H	65.723 233 83	+37.951 390 25		6.93	17.33	−6.80	1.08	0.77	1.25	1.16	0.99	+35	+11	−18	−10	+19	+20	+7	+48	−8	+57	0	−1.48
20453		04 22 54.10	−29 45 18.3	8.87		H	65.725 404 46	−29.755 090 79		3.51	−12.79	−5.82	0.71	0.96	1.25	0.82	1.41	−16	−1	−3	+30	−11	+20	−13	+30	−11	+6	0	−0.39
20454		04 22 55.12	−37 15 48.7	9.54		H	65.729 658 30	−37.263 515 13		2.36	26.90	−67.47	0.85	0.95	1.16	0.90	1.22	−9	−21	−3	−23	−2	+13	+1	−20	−14	+6	3	2.85
20455		04 22 56.03	+17 32 33.3	3.77		H	65.733 447 22	+17.542 584 30		21.29	107.75	−28.84	0.80	0.49	0.93	1.11	0.87	+23	+37	−9	+17	+1	+39	+8	+36	+25	+43	0	1.05
20456		04 22 57.91	+59 36 58.6	6.18		H	65.741 281 94	+59.616 289 14		8.62	35.93	−44.13	0.53	0.46	0.76	0.57	0.59	+0	+25	−17	+10	−6	+20	−13	+28	−20	+19	0	−0.43
20457		04 22 58.95	+09 24 10.9	8.03		G	65.745 635 93	+09.403 019 87		10.59	−61.82	65.87	1.00	0.91	1.19	1.49	1.27	+33	+4	−36	−17	−20	+24	−13	−21	+10	+52	0	0.14
20458		04 22 59.67	+09 14 56.5	8.06		H	65.748 631 87	+09.249 041 60		4.62	19.22	−7.12	1.03	0.92	1.22	1.53	1.28	+33	+6	−32	−12	−11	+23	−4	−12	+6	+50	0	0.12
*20459		04 23 01.19	+47 04 30.0	8.99		G	65.754 967 60	+47.075 013 37		3.37	0.19	−5.71	1.04	0.74	1.26	1.49	1.14	−12	−10	+1	+18	−13	−21	−20	+52	+9	+0	0	0.30
*20460		04 23 01.18	+61 39 27.1	9.22		H	65.754 933 64	+61.657 520 49		1.70	3.52	−15.78	0.86	0.87	1.35	1.00	1.08	+3	+8	−5	+10	+1	+6	−4	+40	−10	+15	0	−0.45
20462		04 23 02.66	−36 29 29.3	7.85		H	65.761 073 55	−36.491 462 67		4.32	73.63	−45.24	0.58	0.65	0.80	0.67	0.84	−2	+1	−7	−9	−1	+5	−2	−2	−15	+11	0	1.15
20463		04 23 03.08	−01 21 44.6	8.48		G	65.762 819 76	−01.362 386 44		2.80	2.15	−1.11	1.08	0.91	1.37	1.32	1.21	+22	+18	−33	+18	+14	−17	+1	+24	−41	+40	0	1.37
20464		04 23 04.13	−35 27 38.4	8.51		H	65.767 227 99	−35.460 658 87		2.10	9.58	7.51	0.62	0.76	0.92	0.66	0.87	−5	−7	−14	−14	−5	+7	−6	−21	+20	+0	0	−0.51
20465		04 23 05.66	−24 53 31.6	5.81	1	H	65.773 587 35	−24.892 118 83		7.18	19.59	−15.64	0.32	0.46	0.70	0.34	0.50	−7	+6	−21	−28	−7	+13	−5	−26	+1	−28	1	0.16
20466		04 23 06.17	−22 07 13.4	8.52		H	65.775 698 15	−22.120 399 66		2.29	−4.73	−11.81	0.77	0.72	1.18	0.90	0.92	−13	+26	−12	−13	+6	−6	+1	+1	−20	−15	1	0.30
20467		04 23 07.76	−35 32 41.4	6.38		G	65.782 325 07	−35.544 840 31		3.88	−1.62	10.27	0.44	0.49	0.61	0.49	0.61	−6	−6	−11	−4	−5	+0	−7	−2	+8	−3	0	−0.01
20468		04 23 11.09	+36 02 07.1	8.33		H	65.796 221 49	+36.035 305 61		2.73	3.11	−0.60	1.01	0.72	1.13	1.05	0.92	+31	+30	−10	+20	+23	−15	+11	+56	−26	+40	0	0.22
20469		04 23 14.06	−05 00 30.3	9.65		G	65.808 584 50	−05.008 415 22	B	1.95	101.21	−19.67	34.15	25.85	2.39	29.84	25.41	+70	+2	+1	+0	+0	+1	+0	+0	+1	+37	0	4.91
20470	H	04 23 14.24	−36 19 58.7	8.20		H	65.809 326 41	−36.332 966 28	*	11.90	38.59	51.31	0.62	0.72	0.87	0.74	0.88	−12	+0	−11	−4	−4	+8	−3	+0	−8	−7	0	−0.56
20471		04 23 15.01	−05 00 20.3	7.60		G	65.812 547 18	−05.005 650 75	A	1.95	37.11	−19.27	2.73	2.11	2.39	3.46	3.57	+48	+30	+10	+8	+1	+8	+0	+12	+9	+50	0	4.91
20472	H	04 23 16.83	+11 22 40.8	6.64		H	65.820 134 76	+11.378 007 31	A	13.23	25.85	−35.07	1.37	1.06	1.34	1.53	1.16	+17	+13	−16	+3	+3	−7	+0	+8	−20	+39	1	0.04
20473		04 23 17.76	+00 30 35.2	9.07		H	65.824 003 61	+00.509 780 76		−0.63	3.34	−7.60	1.32	1.11	1.65	1.69	1.24	+0	+17	−49	+3	+6	+3	+3	+12	−33	+18	0	−0.38
20474		04 23 17.81	−32 09 07.1	7.13		H	65.824 189 02	−32.151 963 03		6.71	−11.84	−1.73	0.45	0.57	0.73	0.48	0.67	−10	+13	−20	+4	−12	+11	−10	−3	−2	+13	0	1.46
20475		04 23 18.57	+60 49 11.7	9.11		H	65.827 378 06	+60.819 925 38		10.20	39.30	−53.47	0.70	0.77	1.29	0.88	0.99	+8	+3	−16	+7	−3	+3	−2	+33	−3	+9	0	0.07
*20476		04 23 19.73	−07 42 16.4	7.18		H	65.832 221 75	−07.704 548 95		2.59	5.14	3.49	0.69	0.56	0.85	0.85	0.91	+56	+31	+22	+2	+6	+2	+5	+13	−9	+42	0	0.10
*20477		04 23 19.72	−00 58 08.0	8.36		H	65.832 154 13	−00.968 891 56		9.53	67.25	−48.74	1.12	0.93	1.38	1.46	1.37	+26	+23	−25	+5	+2	−28	−8	+2	−26	+56	0	0.28
20478		04 23 20.14	−25 23 39.7	7.82		H	65.833 914 42	−25.394 347 45		24.90	36.73	−268.47	0.45	0.61	0.87	0.47	0.66	−15	+2	−11	−36	−3	+14	−1	−30	−9	−43	2	−1.12
20479		04 23 21.83	−41 14 54.7	8.81		H	65.840 952 10	−41.248 527 43		2.67	4.38	3.74	0.71	0.70	0.84	0.94	0.90	−6	+8	−13	−16	−11	+3	−9	+7	−1	−12	3	−1.15
20480		04 23 22.27	+21 22 45.1	8.84		H	65.842 782 38	+21.379 190 12		20.63	99.77	−39.07	1.24	0.81	1.34	1.45	1.15	+34	+17	−7	−19	−6	+10	−8	+12	−10	+36	0	−0.88
20481		04 23 22.63	+10 49 12.6	10.88		H	65.844 292 35	+10.820 174 65		7.94	9.93	−4.23	2.20	1.66	2.40	2.83	2.18	+8	+10	−10	+6	−15	+15	−12	−2	+8	+27	6	1.98
20482		04 23 22.79	+19 39 31.5	9.39		G	65.844 953 55	+19.658 755 12	+	15.82	98.53	−32.57	3.84	2.02	1.44	1.72	1.46	+54	+5	+18	−6	−5	−6	−4	+6	−14	+44	6	0.33
20483		04 23 24.75	+29 02 48.8	9.68		H	65.853 140 15	+29.046 875 39		−0.79	0.53	0.66	1.47	0.87	1.57	1.68	1.20	+21	+40	−3	−9	−32	+7	−42	+2	−31	+25	0	−2.13
20484		04 23 25.00	+16 46 38.4	5.64		H	65.854 159 80	+16.777 326 94		21.17	105.09	−27.62	0.73	0.48	0.80	1.02	0.76	+31	+21	+2	+12	+5	+28	+6	+46	+10	+32	0	−0.83
20485		04 23 25.20	+15 45 47.5	10.47		H	65.855 020 34	+15.763 187 00		21.08	126.22	−30.50	2.50	1.58	2.69	2.99	2.48	+39	+44	+9	+6	+13	−15	−1	+46	−12	+54	0	0.57
20486		04 23 25.31	+03 05 01.9	9.27		H	65.855 455 39	+03.083 869 32		9.01	4.18	−25.78	1.62	1.15	1.78	1.83	1.39	−2	+43	−27	+8	−24	−8	−26	−13	−4	+14	0	−0.20
20487		04 23 25.62	−51 01 35.4	8.73		H	65.856 753 12	−51.026 498 65		4.45	42.24	13.26	0.66	0.70	0.75	0.70	0.78	−1	+8	−1	−9	+7	−1	+6	−1	−8	+2	0	−0.04
20488		04 23 27.33	+20 27 01.6	9.29		H																							
20489		04 23 28.83	−27 39 28.2	8.59		H	65.870 143 54	−27.657 822 25		14.02	6.77	−33.81	0.57	0.74	1.01	0.66	1.00	−15	+14	−10	−9	+0	+4	−3	+10	−20	−10	1	0.08
20490		04 23 29.95	−01 35 08.5	9.00		H	65.874 809 44	−01.585 703 13		7.36	−4.63	−40.64	1.39	1.33	1.62	1.84	2.06	+46	+14	−23	+35	+38	−10	+29	+49	−37	+59	0	1.20
20491		04 23 30.34	+24 24 19.8	7.18		G	65.876 420 41	+24.405 511 68		20.04	93.11	−45.08	0.87	0.64	0.89	1.04	0.85	+26	+30	+1	+28	+0	+0	−1	+38	+4	+33	5	1.28
20492		04 23 32.27	+14 40 13.9	9.11		G	65.884 447 21	+14.670 521 87		21.23	107.57	−18.24	1.56	1.08	1.80	1.90	1.37	+1	+43	−30	+3	−31	+25	−20	−5	+9	+36	0	−0.69
20493		04 23 32.36	+20 58 55.7	6.00	1	H	65.884 820 40	+20.982 129 75		6.77	15.93	−35.07	0.70	0.51	0.76	0.76	0.66	+33	+23	−3	+13	+14	−5	+8	+39	−14	+39	0	1.01
20494		04 23 32.76	+45 04 44.6	9.45		H	65.886 481 56	+45.079 047 63		5.60	9.89	−18.68	1.19	0.83	1.46	1.59	1.17	+1	+14	−31	+17	+9	−21	−9	+60	−29	+28	0	−2.28
20495		04 23 34.69	+59 43 57.3	7.76		H	65.894 523 01	+59.732 589 97		2.56	2.27	−6.62	0.66	0.55	0.93	0.70	0.70	−9	+27	−16	+25	−19	+20	−25	+35	−22	−2	0	−0.80
20496		04 23 35.00	−38 51 54.9	9.53		H	65.895 829 03	−38.865 258 43		2.53	−1.88	24.61	0.77	0.94	1.04	0.82	1.13	−14	−6	+5	−15	+10	+8	+7	+8	−1	+0	0	−0.33
20497		04 23 35.19	+35 54 11.1	7.16		H	65.896 630 66	+35.903 086 65		2.40	9.96	−9.86	0.82	0.61	0.95	0.80	0.76	+29	+38	−15	+8	+30	−17	+10	+52	−31	+50	0	0.62
20498	H	04 23 35.80	+42 25 40.8	6.25		G	65.899 163 21	+42.427 992 19	A	5.90	21.03	−34.14	1.18	1.05	0.85	0.82	0.69	−10	+6	+12	+1	+5	+16	+5	+46	+0	+5	0	−0.48
20499		04 23 36.04	−17 32 52.4	8.98		H	65.900 167 52	−17.547 887 16		3.80	29.40	23.40	1.08	0.83	1.34	1.41	1.28	+10	−20	−24	+54	+22	−25	+26	+47	−43	+15	0	0.01
20500		04 23 36.12	−40 23 43.1	8.62		H	65.900 504 99	−40.395 310 84		0.80	−5.88	6.09	0.73	0.72	0.84	0.74	0.79	−16	+7	−7	−37	+12	−9	+9	−10	−11	−7	1	−1.22

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags		AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61		62	63	64	65	66	67	68-70
20401	10.052	0.026	8.349	0.012	A	1.422	0.023	T	1.41	0.04	L	8.3508	0.0140	0.026	94	A	8.31	8.39		U	04221−0957	I 1	2 C	A	AB	351	18.299	0.017	2.12	0.10	
20402	7.769	0.007	7.618	0.007		0.145	0.009	T	0.16	0.01	L	7.6504	0.0011	0.010	123		7.63	7.67		C			1								S
20403	8.963	0.016	8.642	0.017	*	0.305	0.022	T	0.35	0.03	L *	8.6523	0.0019	0.014	93	*	8.63	8.68		D	04221+5101	I 1	2 C	A	AB	33	0.673	0.011	2.35	0.05	
20404	8.678	0.010	8.715	0.014		−0.031	0.015	T	−0.01	0.01	L	8.7219	0.0017	0.014	106		8.70	8.75		C			1								S
20405	8.331	0.008	8.167	0.009		0.157	0.011	T	0.17	0.01	L	8.2084	0.0013	0.013	139		8.19	8.23		C			1								S
20406	8.440	0.009	8.063	0.010		0.371	0.015	G	0.43	0.02	H	8.1072	0.0020	0.019	125		8.07	8.14					1								S
20407	7.651	0.015	7.355	0.012	*	0.320	0.015	G	0.37	0.02	H *	7.5522	0.0013	0.011	87	*	7.54	7.57		D	04222−0441	I 1	2 C	A	AB	184	1.512	0.008	0.77	0.02	S
20408	11.586	0.079	9.891	0.027		1.443	0.069	T	2.08	0.46	K	9.9468	0.0040	0.035	145		9.88	10.00		U			1								
20409	8.821	0.013	8.487	0.014		0.317	0.018	T	0.37	0.02	L	8.5542	0.0015	0.011	90		8.54	8.57		C			1								S
20410						1.344	0.015	G	1.56	0.02	I	12.0718	0.0171	0.070	37		11.82	12.15					1								G
20411	8.972	0.013	8.490	0.012		0.466	0.014	T	0.54	0.01	L	8.5403	0.0019	0.017	120		8.52	8.56					1								S
20412	10.106	0.043	8.882	0.025		1.046	0.039	T	1.02	0.03	L	8.9517	0.0028	0.019	50		8.92	8.98		C			1								
20413	11.110	0.050	10.383	0.040		0.673	0.002	G	0.73	0.00	H	10.4701	0.0028	0.023	122		10.43	10.51		C			1								G
20414	10.714	0.062	10.161	0.058		0.501	0.072	G	0.57	0.08	R	10.2354	0.0040	0.031	38		10.18	10.27					1								G
20415	9.945	0.029	9.187	0.023		0.656	0.004	G	0.72	0.00	H	9.2215	0.0024	0.014	89		9.20	9.25		C			1								
20416	9.027	0.011	8.916	0.014		0.108	0.017	T	0.12	0.02	L	8.9446	0.0017	0.020	129		8.90	8.98		C			1	S							
20417	7.869	0.015	6.073	0.009	*	1.660	0.042	G	2.21	0.15	L *	5.9458	0.0020	0.012	69	*	5.92	5.96		U 2	04224+2049	I 1	2 C	A	AB	169	1.923	0.009	2.49	0.05	S
20418	10.311	0.022	9.606	0.018		0.649	0.023	T	0.71	0.02	L	9.6751	0.0022	0.035	199		9.62	9.73					1	S							
20419	11.326	0.107	9.926	0.048		1.183	0.005	G	1.30	0.01	I	9.9119	0.0036	0.022	50		9.88	9.96		C			1								
20420	10.213	0.027	8.843	0.015		1.160	0.024	T	1.12	0.02	L	8.8888	0.0017	0.015	104		8.86	8.91		C			1								
20421	8.228	0.010	8.088	0.012		0.135	0.015	T	0.15	0.01	L	8.1216	0.0017	0.011	73		8.10	8.14		C			1								
20422	8.661	0.014	7.400	0.009		1.089	0.015	G	1.05	0.02	H	7.4443	0.0009	0.007	45		7.43	7.46		D			1								S
20423	11.014	0.051	9.148	0.017		1.551	0.043	T	1.57	0.04	L	9.1131	0.0028	0.022	98		9.08	9.15					1								
20424	9.099	0.019	8.833	0.022		0.289	0.015	G	0.33	0.02	H	8.8444	0.0011	0.011	38		8.83	8.86		D			1								
20425	9.765	0.035	9.261	0.035		0.474	0.045	T	0.55	0.05	L	9.2900	0.0037	0.020	44		9.27	9.32					1								
20426	9.239	0.016	7.427	0.007		1.508	0.014	T	1.54	0.02	L	7.3949	0.0013	0.009	80		7.38	7.41		C			1								S
20427											T	10.4098	0.0035	0.023	59		10.36	10.45		C			1								G
20428	9.675	0.018	8.561	0.012		0.960	0.017	T	0.95	0.01	L	8.6195	0.0020	0.014	103		8.60	8.65					1								
20429	11.077	0.042	9.353	0.016		1.467	0.037	T	3.47	0.04	O	8.7994	0.0055	0.272	147		8.71	9.60		U 2			1	S							P
20430	5.339	0.003	5.373	0.004		−0.041	0.008	G	−0.02	0.01	H	5.3693	0.0023	0.013	66		5.35	5.39		U 2	04226+2538	I 1	1	S							S
20431	8.467	0.010	8.078	0.011		0.375	0.015	G	0.44	0.02	H	8.1262	0.0017	0.013	97		8.10	8.15		C			1								S
20432	11.021	0.046	9.293	0.018		1.442	0.039	T	1.44	0.06	L	9.2870	0.0021	0.021	149		9.25	9.33		C			1								
20433	8.309	0.013	7.949	0.013		0.398	0.015	G	0.46	0.02	H	7.9838	0.0013	0.010	84		7.97	8.00		C			1								S
20434	8.696	0.012	7.799	0.009		0.798	0.011	T	0.83	0.01	L	7.8638	0.0014	0.011	98		7.84	7.89		C			1								S
20435	10.194	0.020	9.822	0.022		0.352	0.028	T	0.41	0.03	L	9.8861	0.0029	0.032	188		9.81	9.94					1								G
20436	10.161	0.028	8.059	0.010		1.830	0.015	G	1.84	0.09	H	7.8474	0.0067	0.036	96		7.81	7.90		U 2 C			1	S							
20437	9.036	0.009	8.871	0.011		0.158	0.013	T	0.17	0.01	L	8.9274	0.0018	0.021	197		8.89	8.97		U			1								
20438	8.416	0.017	8.199	0.018		0.207	0.023	T	0.23	0.03	L	8.2302	0.0023	0.010	40		8.22	8.25		C			1								S
20439	10.631	0.068	9.634	0.046		0.872	0.061	T	0.88	0.04	L	9.6546	0.0029	0.014	44		9.63	9.68		C			1								
20440	7.760	0.020	7.172	0.018	A	0.518	0.015	G	0.63	0.01	G *	7.0928	0.0019	0.007	34	*	7.08	7.10		D	04227+1503	I 1	2 C	A	AB	350	1.343	0.008	1.41	0.10	S
20441	8.689	0.013	7.919	0.011		0.677	0.000	G	0.74	0.00	H	7.9908	0.0027	0.019	74		7.96	8.02					1	G							S
20442	9.282	0.016	8.740	0.015		0.515	0.016	T	0.59	0.02	L	8.8121	0.0014	0.014	94		8.79	8.83					1								
20443	8.357	0.008	8.236	0.009		0.109	0.011	T	0.12	0.01	L	8.2751	0.0014	0.016	181		8.25	8.31					1								S
20444	11.246	0.052	10.089	0.030		0.989	0.002	G	1.03	0.00	I	10.1752	0.0033	0.031	141		10.11	10.22					1								
20445	9.832	0.019	8.552	0.012		1.089	0.018	T	1.05	0.02	L	8.6248	0.0020	0.017	127		8.60	8.65					1								
20446	7.026	0.005	6.794	0.005		0.209	0.003	G	0.23	0.00	H	6.8351	0.0009	0.010	123		6.82	6.85			04228−8254	I 1	1								S
20447	8.662	0.016	8.176	0.016		0.457	0.021	T	0.53	0.02	L	8.2117	0.0020	0.011	50		8.19	8.23					1								S
20448	8.688	0.008	8.228	0.008		0.434	0.010	T	0.50	0.01	L	8.2974	0.0010	0.017	194		8.27	8.33					1								
20449	10.347	0.021	8.944	0.011		1.186	0.019	T	1.15	0.02	L	8.9705	0.0015	0.020	216		8.93	9.02					1								
20450	9.963	0.026	9.569	0.027	*	0.373	0.034	T	0.44	0.04	L *	9.6384	0.0020	0.021	93	*	9.60	9.68		D	04229+4747	H 1	2 C	B	AB	84	0.499	0.067	3.15	0.24	G
20451	11.382	0.072	9.980	0.032		1.127	0.020	G	1.09	0.02	I	10.0076	0.0025	0.026	140		9.95	10.06		C			1	X							
20452	9.876	0.025	8.473	0.014		1.186	0.022	T	1.15	0.02	L	8.4859	0.0021	0.014	77		8.46	8.51		C			1								
20453	10.288	0.025	8.994	0.015		1.100	0.023	T	1.06	0.02	L	9.0348	0.0025	0.023	132		9.00	9.08					1								
20454	10.411	0.033	9.606	0.027		0.714	0.033	G	0.77	0.03	H	9.6841	0.0029	0.031	117		9.63	9.73					1								
20455	5.024	0.003	3.868	0.002		0.983	0.010	G	0.93	0.01	G	3.9308	0.0005	0.003	76		3.93	3.94		C	04229+1733	I 1	1								S
20456	6.310	0.003	6.191	0.004		0.108	0.005	T	0.12	0.01	L	6.2180	0.0006	0.006	112		6.20	6.23			04230+5937	I 1	1								S
20457	8.970	0.026	8.097	0.021		0.777	0.002	G	0.81	0.00	H	8.1772	0.0018	0.011	54		8.16	8.19		C			1	S							S
20458	8.333	0.019	8.051	0.020		0.268	0.026	T	0.30	0.03	L	8.1350	0.0024	0.011	47		8.12	8.16					1								S
20459	10.296	0.032	9.142	0.020		1.040	0.015	G	1.01	0.01	H	9.1571	0.0020	0.018	113		9.13	9.19		C			1								
20460	11.448	0.068	9.471	0.020		1.639	0.056	T	1.66	0.06	L	9.3321	0.0020	0.021	133		9.28	9.37		C	04230+6139	I 1	1	S							
20462	8.996	0.013	7.961	0.009		0.900	0.012	T	0.90	0.01	L	8.0088	0.0012	0.013	125		7.99	8.04					1								S
20463	8.567	0.016	8.452	0.019		0.052	0.015	G	0.06	0.01	H	8.5080	0.0021	0.008	37		8.49	8.52					1								S
20464	9.891	0.023	8.605	0.013		1.094	0.021	T	1.06	0.02	L	8.6769	0.0019	0.016	125		8.65	8.70		C			1								
20465	7.796	0.005	5.985	0.002		1.507	0.004	T	1.54	0.01	L	5.9373	0.0007	0.010	246		5.92	5.95		U			1								S
20466	10.264	0.024	8.640	0.012		1.360	0.021	T	1.33	0.02	L	8.6666	0.0024	0.021	139		8.63	8.70					1	S							S
20467	7.996	0.007	6.511	0.004		1.242	0.006	G	1.15	0.04	E	6.5461	0.0007	0.007	128		6.53	6.56		C	04231−3533	I 1	1	S							S
20468	8.481	0.011	8.354	0.013		0.123	0.016	T	0.14	0.02	L	8.3767	0.0017	0.011	75		8.36	8.39		C			1	S							
20469	10.261	0.052	9.579	0.044	B	0.669	0.015	G	0.73	0.01	H	9.3426	0.0530			B				D	04232−0500	I 2	1 C L D								D
20470	8.839	0.012	8.270	0.011	*	0.536	0.012	T	0.61	0.01	L *	8.3125	0.0015	0.016	121	*	8.29	8.34			04232−3620	H 1	2 C S B		AB	133	0.114	0.022	0.54	1.09	S
20471	9.261	0.035	7.773	0.019	A	1.266	0.015	G	1.22	0.02	H	7.7854	0.0147	0.040	85	A	7.74	7.86		D	04232−0500	I 2	1 C P D								S D
20472	6.989	0.012	6.775	0.014	A						T *	6.7184	0.0012	0.010	52	*	6.70	6.73		D	04233+1123	I 1	2 C	A	AB	286	1.203	0.008	1.38	0.03	S
20473	10.728	0.075	9.169	0.033		1.308	0.065	T	1.27	0.07	L	9.2220	0.0036	0.021	40		9.19	9.26					1								
20474	7.329	0.005	7.153	0.006		0.161	0.007	T	0.18	0.01	L	7.1831	0.0010	0.010	134		7.17	7.20		C			1								S
20475	9.764	0.015	9.161	0.014		0.562	0.018	T	0.64	0.02	L	9.2348	0.0021	0.023	159		9.19	9.28					1								
20476	8.497	0.010	7.289	0.006		1.033	0.009	T	1.01	0.01	L	7.3479	0.0011	0.009	108		7.33	7.36		C	04233−0742	I 1	1								S
20477	8.969	0.019	8.391	0.018		0.540	0.023	T	0.61	0.02	L	8.4744	0.0019	0.011	36		8.45	8.49					1								S
20478	8.586	0.006	7.894	0.005		0.627	0.005	G	0.69	0.00	H	7.9538	0.0010	0.014	250		7.93	7.98		C			1								S
20479	10.829	0.040	8.966	0.015		1.549	0.034	T	1.61	0.07	L	8.9342	0.0020	0.018	117		8.90	8.96					1								
20480	9.754	0.032	8.928	0.026		0.758	0.003	G	0.80	0.00	H	8.9838	0.0026	0.019	59		8.96	9.01		C			1								
20481						0.444	0.100	G	0.51	0.11	R	10.9784	0.0036	0.029	44		10.88	11.04		D			1								G
20482	10.587	0.049	9.468	0.030		0.908	0.003	G	0.95	0.00	I	9.5453	0.0034	0.024	77		9.51	9.58					1	O							
20483	11.674	0.122	9.859	0.041		1.510	0.102	T	1.54	0.15	L	9.8096	0.0030	0.021	69		9.78	9.84		C			1	S							G
20484	6.002	0.003	5.666	0.004		0.310	0.006	G	0.34	0.03	C	5.7146	0.0006	0.004	77		5.71	5.72		C			1								S
20485	11.936	0.160	10.601	0.081		1.231	0.009	G	1.39	0.01	I	10.5881	0.0046	0.035	54		10.54	10.65		C			1								G
20486	9.883	0.036	9.308	0.034		0.537	0.044	T	0.61	0.05	L	9.3833	0.0033	0.021	42		9.35	9.41					1								
20487	10.145	0.025	8.876	0.015		1.075	0.023	T	1.04	0.02	L	8.8756	0.0022	0.020	121		8.85	8.92					1								
20488						0.649	0.126	G	0.70	0.10	L	9.4216	0.0027	0.017	69		9.40	9.48		D				S							G
20489	9.420	0.012	8.656	0.010		0.686	0.015	G	0.74	0.01	H	8.7238	0.0012	0.018	173		8.69	8.75		C			1								S
20490	9.530	0.034	9.082	0.034		0.440	0.040	G	0.51	0.04	R	9.0961	0.0034	0.016	35		9.07	9.11					1								
20491	7.715	0.010	7.227	0.009		0.462	0.009	G	0.53	0.02	A	7.2786	0.0007	0.006	56		7.26	7.29		C			1								S
20492	10.266	0.048	9.170	0.032		0.855	0.018	G	0.89	0.02	A	9.2505	0.0034	0.020	43		9.22	9.28					1								
20493	6.024	0.004	5.998	0.004		0.029	0.005	T	0.05	0.00	L	6.0145	0.0014	0.011	67		5.99	6.03	0.62	P 1 A			1	S							S
20494	10.049	0.028	9.506	0.028		0.509	0.035	T	0.58	0.04	L	9.5571	0.0019	0.020	107		9.52	9.59		C			1								G
20495	8.473	0.010	7.844	0.011		0.585	0.013	T	0.66	0.01	L	7.8904	0.0012	0.010	111		7.87	7.91		C			1								S
20496	10.659	0.042	9.649	0.027		0.910	0.015	G	0.91	0.01	I	9.6950	0.0024	0.022	107		9.65	9.73		C			1								
20497	8.808	0.013	7.306	0.007		1.263	0.012	T	1.22	0.01	L	7.3256	0.0012	0.007	78		7.31	7.34		C			1								S
20498	6.240	0.003	6.227	0.004	*	0.023	0.004	G	0.04	0.00	H *	6.2385	0.0011	0.007	99	*	6.22	6.25		D	04236+4226	I 1	2 C	A	AB	155	0.345	0.002	0.52	0.02	S
20499	10.085	0.024	9.080	0.016		0.878	0.022	T	0.89	0.02	L	9.1338	0.0026	0.023	112		9.10	9.19		C			1								
20500	10.702	0.035	8.806	0.013		1.575	0.030	T	1.59	0.03	L	8.7385	0.0020	0.021	130		8.70	8.77					1								

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ α* (19)	π α* (20)	π δ (21)	$\mu_{\alpha*}$ α* (22)	$\mu_{\alpha*}$ δ (23)	$\mu_{\alpha*}$ π (24)	μ_δ α* (25)	μ_δ δ (26)	μ_δ π (27)	μ_δ $\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
20501		04 23 36.19	−20 16 25.9	8.07		H	65.900 778 32	−20.273 870 72		6.62	−27.04	−39.64	0.65	0.62	1.00	0.79	0.83	−39	+13	−11	−31	+16	+5	+15	−7	−21	−43	1	−0.28
20502		04 23 37.18	+08 03 29.6	8.52		H	65.904 919 81	+08.058 233 66		4.45	0.79	−9.99	1.29	1.01	1.37	1.65	1.30	−2	+27	−34	+20	−42	+5	−31	−21	+9	+36	3	0.79
20503		04 23 37.73	−04 07 15.6	8.15		G	65.907 224 11	−04.121 003 28		4.10	11.83	−4.61	1.29	0.95	1.41	1.44	1.55	+3	+48	−21	+40	−7	+7	−11	+22	−10	+41	4	−0.60
20504	H	04 23 39.78	−53 51 04.0	10.00		H	65.915 769 85	−53.851 113 01	A	3.38	−19.57	1.40	2.37	2.67	2.39	2.93	3.24	−1	+14	+7	+12	−7	+12	−12	+15	−15	−8	1	0.85
20505		04 23 40.15	−19 28 23.1	8.10		H	65.917 307 87	−19.473 076 59		2.10	3.75	−8.11	0.69	0.61	0.96	0.71	0.75	−29	+34	−14	+15	−19	+8	−25	+12	−20	−24	0	−1.56
20506		04 23 40.40	−27 49 49.5	7.92	2	H	65.918 347 76	−27.830 417 08		0.37	6.40	−2.47	0.54	0.68	0.98	0.60	0.88	−13	+11	−3	−27	+3	+1	−1	+12	−21	−10	1	0.09
20507		04 23 40.88	−03 44 43.2	5.17		H	65.920 334 83	−03.745 332 44		15.66	−47.92	−56.73	0.73	0.61	0.80	0.81	0.80	+25	+34	−17	+39	+17	+3	+14	+31	−11	+44	0	1.45
20508		04 23 41.52	+13 49 43.4	7.55		H	65.922 992 01	+13.828 732 69		5.47	−4.93	−22.14	0.92	0.63	0.98	0.99	0.74	+7	+45	−9	+4	+12	−17	+3	+23	−14	+10	0	0.68
20509		04 23 42.86	−28 45 59.4	9.16		G	65.928 578 24	−28.766 510 53		15.36	−58.20	−178.02	0.77	0.98	1.34	0.94	1.40	−10	+4	+4	+15	−1	−6	−2	+11	−17	−4	0	1.36
20510		04 23 42.95	−39 08 23.5	8.51		H	65.928 953 95	−39.139 869 62		6.94	−6.81	5.00	0.62	0.71	0.80	0.72	0.83	−16	+13	−10	−9	+7	−3	+7	+4	+6	−16	2	0.20
20511		04 23 43.23	+11 31 01.0	8.67		H	65.930 119 00	+11.516 949 42		4.91	−3.54	−8.64	1.16	0.88	1.28	1.34	1.06	+20	+32	−10	+22	+10	−9	+3	+31	−18	+24	0	1.00
20512		04 23 43.91	+28 11 11.8	8.31		H	65.932 945 02	+28.186 604 09		11.98	56.59	−127.00	0.96	0.70	1.06	1.20	0.88	+30	+21	−15	+0	−14	−7	−17	+10	−12	+37	0	1.18
20513		04 23 44.18	+22 57 53.4	7.03	2	H	65.934 068 15	+22.964 832 25		1.02	1.82	−13.64	0.81	0.61	0.90	0.83	0.74	+33	+24	−15	+1	+11	−1	+6	+26	−18	+42	0	2.19
20514		04 23 44.62	−43 27 23.3	7.92		H	65.935 919 18	−43.456 483 15		10.91	−8.40	−41.84	0.56	0.59	0.68	0.59	0.64	−6	+7	+7	−10	−7	+3	−8	+2	−1	+2	0	−1.42
20515		04 23 45.80	+06 22 44.2	8.69	2	G	65.940 826 67	+06.378 952 29		7.21	−10.17	3.77	0.95	0.74	1.02	1.26	0.97	+7	+13	−3	+19	−4	−13	−3	+15	+5	+7	0	−0.84
20516		04 23 46.27	−49 08 43.9	10.14		H	65.942 782 08	−49.145 514 78		10.56	32.13	30.83	0.92	1.06	1.11	1.08	1.18	+5	+5	−4	+7	−8	+17	−6	+0	−4	+15	0	−0.41
20517		04 23 46.56	+69 07 46.7	7.83		H	65.944 012 87	+69.129 634 41		3.59	−5.62	2.71	0.39	0.65	0.89	0.39	0.69	−24	+22	−12	−16	+18	+1	+22	−23	+18	−18	0	−0.29
20518		04 23 48.48	+65 14 18.2	7.89		H	65.951 983 19	+65.238 376 96		4.23	11.18	−30.05	0.56	0.64	0.99	0.60	0.78	+18	+11	−4	−23	+14	+3	+14	+10	+14	+26	0	−0.91
20519		04 23 49.38	−41 58 59.0	9.42		H	65.955 740 09	−41.983 050 68		5.25	−6.85	−8.68	0.98	0.89	1.12	1.11	1.06	−22	+28	−26	+17	−19	+12	−17	+10	+1	−38	0	0.11
20520		04 23 49.96	−36 28 20.6	8.16	1	H	65.958 163 47	−36.472 390 42		9.52	−12.99	−35.11	0.61	0.70	0.85	0.75	0.85	−10	+13	−29	−13	+2	+2	+0	+3	−5	+6	0	−0.92
20521		04 23 51.31	−14 00 54.8	7.95		G	65.963 808 88	−14.015 209 73		9.69	−41.66	−23.71	0.74	0.60	1.11	0.93	0.96	+5	+27	−10	+20	+25	+25	+24	+46	−29	−1	0	1.37
20522		04 23 51.84	+09 27 39.5	5.10		H	65.965 990 09	+09.460 983 77		8.23	−21.02	−6.65	0.78	0.68	0.94	1.14	1.01	+23	+11	−33	−12	−5	+12	−3	−5	−9	+54	0	0.18
20523		04 23 53.23	−12 33 49.3	8.40		H	65.971 782 93	−12.563 685 72		2.49	−7.55	−19.99	0.90	0.79	1.18	1.21	1.07	+20	+20	−16	+2	+21	+10	+30	+48	−26	−12	0	1.19
20524		04 23 53.40	−34 45 21.3	8.38		G	65.972 484 67	−34.755 911 17		21.22	−76.28	−344.01	0.64	0.77	0.94	0.76	1.02	−6	+2	−2	+3	−13	+16	−14	−3	−2	+8	0	0.41
20525		04 23 53.67	−63 17 55.8	9.18		G	65.973 623 39	−63.298 828 54		10.14	−22.25	23.39	0.68	0.80	0.81	0.60	0.88	−1	+7	−6	−37	+14	+15	+18	−22	+19	+23	3	0.62
20526		04 23 54.28	+21 43 09.8	10.42		H	65.976 168 49	+21.719 400 13		2.08	9.42	−5.86	2.19	1.34	2.43	3.31	2.04	+22	−2	−8	−29	−6	+30	+7	+17	−23	−9	0	0.84
20527		04 23 54.34	+14 03 07.7	10.89		H	65.976 429 05	+14.052 150 00		22.57	115.90	−15.21	2.55	1.72	2.78	2.93	2.13	+12	+48	−6	−5	−7	+2	−13	−5	−14	+14	0	−0.71
20528		04 23 55.15	+27 49 21.5	10.97		H	65.979 772 90	+27.822 646 21		19.26	−21.18	−39.64	1.93	1.44	2.09	2.54	1.86	+36	+8	−16	−10	−18	−4	−19	+3	−8	+36	0	−1.49
20529		04 23 55.82	−66 44 14.2	6.98		H	65.982 586 19	−66.737 266 28		10.20	28.73	61.18	0.51	0.53	0.55	0.57	0.67	+5	+12	−9	+0	+1	+9	−5	+25	−6	+25	0	−0.51
20530		04 23 56.50	+14 24 46.6	8.75		G	65.985 404 94	+14.412 947 66		4.25	26.47	−24.55	1.42	0.99	1.56	1.61	1.19	+5	+41	−12	+7	−9	+0	−15	+12	−18	+15	0	0.69
20531		04 23 57.77	+24 18 13.9	8.18		G	65.990 698 69	+24.303 861 55	B	3.78	5.76	−7.04	9.68	7.03	5.01	6.62	5.05	+32	+16	−3	+5	−8	+9	−5	+25	+8	+29	1	−0.12
20532		04 23 59.57	+33 50 43.8	8.30		G	65.998 201 14	+33.845 489 34		5.73	27.26	−51.92	1.04	0.66	1.23	1.29	0.91	+17	+36	−7	+4	−8	−8	−17	+35	−35	+11	0	0.20
20533		04 23 59.76	+24 18 03.7	6.34		H	65.998 995 68	+24.301 023 25	A	4.49	4.54	−12.94	1.39	1.15	1.11	1.38	1.11	+22	+15	−2	+20	−6	+4	−5	+36	+10	+25	1	−0.12
20534		04 23 59.79	+35 12 57.2	7.89		G	65.999 142 03	+35.215 878 40		8.27	−26.96	−19.41	0.78	0.59	0.92	0.81	0.78	+28	+33	−16	+5	+23	−15	+4	+45	−33	+49	0	−0.32
20535		04 24 02.17	−34 01 01.2	3.97	1	H	66.009 022 33	−34.016 986 32		11.95	73.77	57.57	0.41	0.45	0.59	0.46	0.52	−4	+5	−18	+2	−5	+8	−2	−9	+7	+10	0	1.19
20536		04 24 03.07	−32 04 48.2	9.42		H	66.012 773 50	−32.080 056 93		9.47	11.78	−27.40	0.77	0.88	1.16	0.84	1.09	−5	+11	−14	−3	−4	+6	−3	−8	+0	+2	0	3.30
20537		04 24 03.44	−75 36 17.4	7.95		H	66.014 342 78	−75.604 827 80		3.92	1.09	13.55	0.58	0.57	0.60	0.63	0.69	−8	+20	−10	−29	+0	+1	+1	+3	+3	−9	0	−1.07
20538		04 24 03.51	−47 09 24.2	7.98		H	66.014 622 08	−47.156 710 00		1.62	15.23	6.01	0.61	0.64	0.72	0.68	0.70	+15	+5	+0	−17	−16	+19	−16	−29	+7	+18	0	−0.49
20539		04 24 04.30	+31 51 18.3	9.06		H	66.017 912 15	+31.855 072 89		2.86	6.79	−3.39	1.26	0.73	1.31	1.77	0.98	+15	+17	−17	−20	−33	+16	−33	+12	−4	+25	0	0.12
20540		04 24 04.48	+12 58 21.0	7.70		G	66.018 651 21	+12.972 499 74		6.58	69.19	−36.40	0.96	0.73	1.09	1.11	0.88	+24	+32	−16	+21	+31	−28	+13	+44	−37	+28	0	−0.58
20541		04 24 05.40	+53 29 43.4	7.05		H	66.022 496 72	+53.495 399 67		13.84	48.44	−52.93	0.75	0.56	0.99	0.97	0.72	−9	+26	−17	−7	+4	−13	−3	+35	−17	+3	0	1.71
20542		04 24 05.69	+17 26 39.2	4.80		G	66.023 724 01	+17.444 211 61		22.36	109.99	−33.47	0.77	0.49	0.88	1.13	0.87	+26	+27	−7	+17	+0	+40	+1	+41	+19	+40	2	−0.80
20543		04 24 06.89	−57 15 11.4	7.53		H	66.028 711 96	−57.253 179 34		7.58	10.68	7.07	0.55	0.52	0.57	0.70	0.63	−5	+12	−13	−2	−14	+2	−12	+6	−2	−23	0	−0.85
20544		04 24 07.08	−30 50 50.4	9.17		H	66.029 513 31	−30.847 330 70		2.59	3.41	12.59	0.68	0.93	1.18	0.74	1.07	−9	+9	−19	+9	−15	+21	−11	−3	+11	−5	0	2.20
20545		04 24 07.42	−20 07 05.7	8.47		H	66.030 919 94	−20.118 246 47		7.54	32.31	−113.83	0.79	0.71	1.19	1.12	1.08	−40	+18	−9	+3	−11	+18	−13	+10	−37	−59	0	−0.77
20546		04 24 09.36	+07 26 46.6	10.59		H	66.039 016 14	+07.446 286 45		5.26	6.05	−31.34	2.49	1.84	2.68	2.73	1.98	−33	+49	−54	+37	−48	+23	−26	−13	+12	+16	0	−0.52
20547		04 24 09.68	+08 33 17.3	12.62		G	66.040 316 94	+08.554 806 27		3.88	29.65	−6.87	5.02	4.30	5.22	7.00	5.77	+49	+26	−10	−31	−42	−27	−45	−46	−15	+65	0	−0.72
20548		04 24 09.99	+62 01 57.4	7.03		H	66.041 605 51	+62.032 604 46		9.32	24.46	−23.49	0.48	0.51	0.76	0.56	0.61	+11	+15	−14	+6	+13	−2	+6	+38	−18	+25	0	−0.35
20549		04 24 10.10	−16 02 30.1	8.08	1	H	66.042 100 11	−16.041 706 95		6.99	−14.20	−59.04	0.77	0.64	1.04	1.26	0.97	−10	+13	+2	+21	+5	+5	+1	+44	−20	−11	0	0.40
20550		04 24 11.13	+40 57 39.1	9.76		H	66.046 373 86	+40.960 870 26		9.41	20.57	−56.91	1.25	0.82	1.52	1.38	1.21	+5	+23	−25	−8	+12	−1	−7	+48	−39	+30	0	0.61
20551		04 24 11.84	−47 09 49.7	9.82		G	66.049 317 54	−47.163 793 86		15.30	118.04	262.06	0.92	0.92	1.07	0.98	1.04	+7	−2	−2	−25	−7	+11	−7	−25	+13	+18	0	−0.79
20552	H	04 24 12.32	−57 04 16.2	6.28		G	66.051 331 35	−57.071 157 47	A	36.92	−104.32	−73.73	0.97	0.94	0.84	1.09	0.92	+1	−1	+3	−8	+1	+11	+1	−8	−7	−18	4	1.36
20553	H	04 24 12.40	+14 45 29.8	7.58		H	66.051 658 05	+14.758 288 42	A	22.25	97.38	−33.51	1.86	2.25	1.52	1.53	1.06	+17	+32	−5	+8	−8	+19	−24	+21	−27	+8	1	0.16
20554		04 24 12.90	−40 03 09.9	7.36		H	66.053 762 91	−40.052 749 42		4.90	1.36	13.49	0.53	0.52	0.63	0.56	0.61	−13	+17	−2	−27	+4	−6	+4	+1	+2	−12	3	1.48
20555	H	04 24 13.00	−64 11 21.8	8.92		H	66.054 162 81	−64.189 384 73	A	4.96	−11.03	−4.43	2.74	2.82	2.10	1.95	2.41	−22	+2	−19	−13	+4	+1	+9	−4	−12	+17	0	−0.74
20556		04 24 13.95	+51 56 13.6	6.84		H	66.058 141 98	+51.937 117 31		5.13	−15.94	−9.37	0.62	0.48	0.82	0.68	0.58	−10	+28	−31	+0	+10	−4	−1	+35	−21	+12	0	−0.82
*20557		04 24 14.50	+21 44 10.9	7.13		H	66.060 417 07	+21.736 357 08		24.47	119.10	−46.63	0.98	0.60	1.06	1.41	0.91	+20	+2	−3	−32	+9	+26	+20	+16	−26	−10	0	0.77
*20558		04 24 14.47	+12 09 28.9	6.42		H	66.060 304 27	+12.158 041 00		4.57	15.83	−22.23	1.16	0.61	1.35	0.88	0.75	+13	+74	−5	+12	+21	−11	−21	+37	−45	+21	0	1.67
*20559	H	04 24 15.28	−48 56 09.1	9.19		H	66.063 661 59	−48.935 873 40	A	7.83	−33.85	−5.05	2.94	2.13	2.39	2.92	2.22	−2	−9	−1	−1	−6	+20	−6	+2	+0	+10	1	1.19
*20560		04 24 15.28	−64 11 14.2	9.33		H	66.063 659 69	−64.187 272 93	C	4.96	−11.03	−4.43	11.97	13.50	2.10	1.95	2.41	+14	−1	−8	−10	−6	+1	−5	+4	−12	+17	0	−0.74
20561		04 24 15.97	−46 38 41.3	7.06		H	66.066 561 32	−46.644 816 67		15.99	−26.54	−12.51	0.51	0.53	0.62	0.56	0.59	+10	+0	−9	−6	−10	+12	−7	−21	+4	+23	0	0.93
20562		04 24 16.44	+07 19 12.7	7.71		H	66.068 488 79	+07.320 192 77		3.37	3.48	−25.09	1.18	0.85	1.20	1.38	0.98	−27	+39	−40	+42	−32	+16	−24	+16	−3	+0	0	0.55
20563		04 24 16.87	+18 00 10.8	9.99		G	66.070 299 08	+18.002 995 03		19.35	112.72	−33.20	1.67	1.06	1.79	2.48	1.99	+32	+10	−5	+1	+2	+18	−7	+41	+7	+45	0	−1.26
20564		04 24 17.28	+73 04 26.1	8.20		H	66.071 992 11	+73.073 908 42		2.42	8.16	−25.66	0.49	0.71	0.89	0.59	0.99	−15	+5	+4	−5	−2	+4	−4	−8	−9	−12	0	0.52
20565		04 24 18.68	+49 15 37.1	11.47		G	66.077 852 82	+49.260 318 63		−2.29	168.07	−69.89	2.46	1.63	3.07	3.17	2.44	−27	+41	−32	+24	−10	+11	−13	+50	−19	−19	0	−1.89
20566		04 24 19.94	−55 50 02.3	7.94		H	66.083 091 49	−55.833 973 91		2.63	19.82	19.54	0.61	0.65	0.69	0.71	0.82	+0	+11	−5	+15	+9	−19	+7	+5	−6	−8	1	−0.13
20567		04 24 22.21	+17 04 44.5	6.96		H	66.092 550 92	+17.079 019 27		18.74	99.08	−27.93	0.97	0.53	1.17	1.52	0.90	+32	+30	+0	−3	−3	+47	+7	+48	−14	+2	0	−0.51
20568		04 24 23.80	−35 16 49.8	8.24	1	H	66.099 146 91	−35.280 494 08		1.80	1.09	0.39	0.61	0.75	0.88	0.64	0.87	−7	−10	−14	−10	−9	+2	−9	−18	+3	+6	0	−1.05
20569		04 24 24.40	+61 13 25.7	8.79		H	66.101 672 83	+61.223 793 12		5.12	−3.30	−11.59	0.68	0.72	1.15	0.81	0.85	+4	+4	−28	+9	+2	+7	+0	+43	−13	+16	0	0.83
20570		04 24 24.84	+34 18 53.4	7.30	2	H	66.103 514 76	+34.314 819 58	A	−6.73	18.19	−27.96	3.36	2.07	3.00	3.40	2.57	+33	+16	−11	−12	+6	+4	−1	+42	−32	+38	16	1.60
20571	H	04 24 25.32	−48 09 06.8	9.31		H	66.105 479 84	−48.151 891 61	A	6.17	3.92	−16.46	2.70	2.41	2.73	2.70	2.44	+17	+4	−2	−16	−15	+2	−14	−21	+11	+34	1	0.30
20572		04 24 25.54	−21 44 17.1	9.69		H	66.106 417 83	−21.738 092 72		−0.83	8.95	−12.18	1.18	1.16	1.78	1.43	1.45	−15	+20	−14	−20	+1	−8	−5	−2	−27	−16	0	1.31
20573		04 24 26.24	+34 19 02.7	8.64		H	66.109 323 82	+34.317 427 31	B	−6.99	−17.29	−14.23	30.22	16.88	9.55	22.76	13.95	+36	+7	−16	−21	+6	+6	+4	+38	−33	+36	16	1.60
20574		04 24 26.59	+02 29 27.4	7.76		H	66.110 806 51	+02.490 949 73		12.18	64.33	−56.07	1.04	0.76	1.18	1.10	0.97	+5	+50	−21	+13	−29	−1	−39	−5	−32	+25	7	1.32
20575		04 24 27.47	+43 35 56.2	9.57		H	66.114 466 43	+43.598 933 01		7.32	23.09	−37.42	1.41	0.74	1.56	1.38	0.97	+12	+26	−2	−33	+4	+13	−12	+33	−27	+23	0	0.22
20576		04 24 27.59	+41 43 48.2	7.11		H	66.114 955 90	+41.730 061 48		10.64	11.63	−21.08	0.97	0.70	0.97	2.84	1.79	−14	+31	−20	+42	−12	−18	−34	+18	−9	−62	0	−0.80
20577		04 24 28.26	+16 53 10.4	7.79		G	66.117 738 50	+16.886 226 03		20.73	110.89	−24.72	1.08	0.64	1.29	1.64	1.13	+35	+25	−11	−1	+4	+36	+11	+55	−29	+10	0	0.15
20578		04 24 28.92	−60 39 32.7	9.21		H	66.120 492 77	−60.659 082 58		4.42	61.06	76.78	0.83	0.76	0.84	0.89	0.84	−5	−5	−4	−17	+7	+3	+6	−7	+13	−2	0	0.58
20579		04 24 29.14	+34 07 51.0	5.73		H	66.121 419 78	+34.130 840 80		5.34	20.50	−34.17	0.72	0.50	0.84	0.74	0.65	+27	+44	−8	−5	+8	−16	−8	+28	−29	+40	0	0.86
20580	H	04 24 29.47	+22 44 29.8	7.95		G	66.122 805 84	+22.741 601 11	*	6.80	31.05	−36.92	2.00	1.07	1.35	1.37	1.15	+18	+2	−17	−22	−13	+7	−9	+5	−15	+45	1	0.37
20581		04 24 29.69	−14 36 40.4	9.14		H	66.123 711 21	−14.611 216 68		1.06	−1.50	4.21	0.94	0.79	1.50	1.22	1.34	−4	+34	−21	+32	+19	+11	+11	+52	−33	+5	1	0.17
20582		04 24 30.81	−44 01 14.3	8.26		H	66.128 372 76	−44.020 651 28		3.76	7.05	16.94	0.63	0.64	0.75	0.80	0.75	−4	−7	−4	+22	−8	−1	−5	+10	−7	+8	0	0.29
20583		04 24 32.07	−29 12 50.0	8.47		H	66.133 610 45	−29.213 899 21		6.85	61.37	16.70	0.64	0.87	1.14	0.75	1.19	−13	+7	−8	+15	−5	+3	−7	+23	−15	−6	0	1.66
20584		04 24 32.33	+75 27 54.2	8.93		H	66.134 705 82	+75.465 052 49		3.33	−2.77	−23.10	0.58	0.86	0.99	0.65	1.07	−22	+11	−6	−10	+8	+13	+9	−14	+3	−28	1	0.81
20585		04 24 32.47	−68 59 37.2	8.02		H	66.135 281 36	−68.993 668 78		3.03	14.69	0.18	0.65	0.69	0.70	0.65	0.94	−8	+15	−17	−14	+10	+1	+13	+11	−6	−8	0	0.32
20586	H	04 24 32.79	+50 50 43.2	6.87		G	66.136 624 61	+50.845 331 16	A	20.69	3.90	−64.48	0.85	0.70	1.02	0.87	0.79	−17	+16	−23	−10	+3	+15	+3	+20	−19	−12	2	−1.21
20587		04 24 32.97	+04 07 24.2	9.73	3	T	66.137 377 66	+04.123 376 51		3.04	3.98	−10.39	1.39	1.15	1.45	1.70	1.39	+11	+23	−13	+12	−39	+5	−35	−29	−2	+22	0	−0.15
20588		04 24 33.56	+33 19 04.5	9.38		H	66.139 812 65	+33.317 926 49		2.00	2.14	−5.41	1.43	0.80	1.48	1.90	1.12	−2	+28	+6	+26	−34	+5	−36	+41	−25	−19	0	1.46
20589		04 24 35.58	−12 17 55.1	8.81		H	66.148 266 71	−12.298 627 84		4.59	13.43	−6.98	0.86	0.82	1.16	1.12	1.05	+22	+17	−14	+32	+29	−4	+21	+42	−30	+13	2	1.32
20590	H	04 24 36.06	+42 43 17.8	8.45		H	66.150 247 98	+42.721 619 95	*	−0.40	4.79	−3.56	1.50	1.12	1.33	1.29	1.07	−1	+7	−18	−6	+9	+10	−5	+56	−31	+17	0	−0.09
20591	H	04 24 37.42	+33 57 35.6	5.77		G	66.155 933 84	+33.959 888 43	A	24.00	54.69	−83.07	0.87	0.60	0.91	0.94	0.69	+14	+33	−9	+0	−8	−10	−11	+38	−34	−3	5	0.55
20592		04 24 38.58	−74 30 32.8	9.47		H	66.160 765 07	−74.509 101 10		6.52	2.56	−8.03	0.76	0.82	0.85	0.70	0.96	−19	+21	+1	−9	−6	+9	−5	+24	−1	−26	1	1.42
20593		04 24 39.00	−37 36 40.7	8.60		H	66.162 491 37	−37.611 296 41		2.98	19.18	29.22	0.70	0.76	0.92	0.76	1.00	−13	−11	+4	−12	+18	+8	+13	+20	−20	+13	1	−0.07
20594		04 24 39.41	−34 17 35.7	9.66		G	66.164 224 02	−34.293 240 75		15.49	221.51	−170.01	0.79	1.05	1.25	0.88	1.16	−4	+8	−12	+0	−2	+16	+0	−6	−4	+9	1	1.56
20595		04 24 40.43	+12 54 14.5	7.87		H	66.168 475 58	+12.904 036 04		6.00	−8.64	1.06	1.04	0.72	1.15	1.04	0.81	+34	+52	+16	+11	+12	−22	+2	+28	−23	+25	0	0.76
20596		04 24 41.40	−21 52 21.9	8.76		H	66.172 486 71	−21.872 756 94		1.22	−2.08	0.03	0.79	0.76	1.25	0.92	0.95	−13	+26	−1	−11	−1	−19	−6	+5	−19	−11	0	0.80
20597		04 24 42.00	+10 02 48.4	7.22		G	66.175 001 31	+10.046 783 85		9.31	23.43	−51.52	2.11	1.80	2.60	2.55	2.17	+12	+22	−48	−24	−27	+20	−18	−28	+14	+55	0	
20598	H	04 24 42.01	−08 45 10.5	8.10		G	66.175 041 69	−08.752 915 41	A	15.11	−111.63	−161.39	1.60	1.31	1.80	1.84	1.47	+57	+26	+16	+36	+33	−4	+43	+56	+2	+28	5	−0.15
20599		04 24 42.05	−28 50 12.9	9.55		H	66.175 205 68	−28.836 904 68		4.33	0.78	−0.71	0.94	1.35	1.71	1.06	1.85	−27	−10	+8	+22	−13	−3	−13	+27	−2	−25	0	1.46
20600		04 24 42.95	+18 54 47.2	7.35		H	66.178 974 07	+18.913 113 58		2.49	13.28	−16.84	0.84	0.56	0.89	1.06	0.86	+36	+28	+11	+8	−1	+3	−7	+35	+2	+41	0	−0.80

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
20501	8.656	0.009	8.120	0.009		0.510	0.015	G	0.58	0.02	H	8.1782	0.0014	0.017	178		8.15	8.21					1							S
20502	9.708	0.031	8.623	0.021		0.938	0.029	T	0.93	0.02	L	8.6860	0.0035	0.016	44		8.67	8.71		C			1							S
20503	8.545	0.019	8.196	0.019		0.372	0.015	G	0.43	0.02	H	8.2259	0.0021	0.012	35		8.20	8.25					1							S
20504	9.793	0.041	9.178	0.033	*	0.570	0.039	T	0.64	0.04	L *	10.1222	0.0033	0.028	110	*	10.09	10.19		D	04237−5351	I 1	2 C A	AB	52	2.265	0.005	0.18	0.03	
20505	8.204	0.008	8.119	0.009		0.077	0.011	T	0.09	0.01	L	8.1376	0.0017	0.017	140		8.11	8.16					1							S
20506	9.759	0.016	8.165	0.008		1.359	0.015	T	3.01	0.03	O	7.8122	0.0065	0.095	170		7.70	7.95		U 2			1 S							S
20507	5.270	0.004	5.179	0.004		0.072	0.001	G	0.10	0.03	C	5.2039	0.0005	0.005	48		5.19	5.21		D			1							S
20508	8.970	0.016	7.686	0.010		1.090	0.015	G	1.05	0.02	H	7.7198	0.0016	0.011	53		7.70	7.74		C			1							S
20509	10.155	0.022	9.223	0.017		0.773	0.002	G	0.82	0.00	H	9.3104	0.0025	0.023	129		9.26	9.36		C			1							
20510	8.845	0.012	8.547	0.013		0.283	0.017	T	0.32	0.02	L	8.5866	0.0018	0.019	121		8.56	8.62		C			1							S
20511	9.070	0.019	8.674	0.019		0.375	0.025	T	0.44	0.03	L	8.7576	0.0025	0.012	51		8.74	8.78		C			1 S							
20512	9.098	0.016	8.369	0.014		0.642	0.007	G	0.71	0.01	H	8.4439	0.0016	0.013	71		8.42	8.47		C			1							
20513	9.398	0.023	7.238	0.009		1.826	0.020	T	2.55	0.04	O	7.0354	0.0051	0.025	56		6.97	7.07		U 2			1 S							
20514	8.400	0.010	7.964	0.009		0.427	0.015	G	0.49	0.02	H	8.0148	0.0017	0.012	122		7.99	8.04		C			1							S
20515	9.070	0.022	8.763	0.024		0.316	0.006	G	0.36	0.01	H	8.7729	0.0042	0.030	49		8.74	8.82		U 2			1							
20516	10.884	0.042	10.177	0.035		0.638	0.041	T	0.70	0.04	L	10.2703	0.0028	0.025	110		10.22	10.32		C			1							
20517	9.100	0.009	7.943	0.006		0.993	0.008	T	0.97	0.01	L	7.9986	0.0010	0.016	261		7.97	8.03					1							S
20518	9.155	0.013	7.985	0.009		1.004	0.012	T	0.98	0.01	L	8.0525	0.0014	0.017	145		8.03	8.08		C			1							S
20519	9.839	0.019	9.446	0.020		0.384	0.023	T	0.45	0.03	L	9.5106	0.0027	0.028	115		9.45	9.56					1							S
20520	8.552	0.011	8.201	0.011		0.362	0.015	G	0.42	0.02	H	8.2450	0.0022	0.019	118		8.22	8.28		U			1							S
20521	8.277	0.009	7.974	0.010		0.317	0.015	G	0.37	0.02	H	8.0368	0.0014	0.014	137		8.01	8.06					1							S
20522	5.218	0.003	5.122	0.004		0.074	0.006	G	0.12	0.03	C	5.1431	0.0009	0.004	42		5.14	5.15		C	04239+0928	I 1	1							S
20523	9.943	0.028	8.532	0.016		1.192	0.025	T	1.15	0.02	L	8.5699	0.0020	0.017	69		8.55	8.62					1							
20524	9.244	0.015	8.479	0.012		0.701	0.002	G	0.75	0.00	H	8.5269	0.0020	0.017	120		8.50	8.56					1							S
20525	9.869	0.023	9.225	0.020		0.567	0.004	G	0.64	0.00	H	9.3036	0.0019	0.019	101		9.25	9.33					1							
20526	11.135	0.103	10.534	0.098		0.495	0.107	G	0.57	0.11	R	10.5285	0.0068	0.039	48		10.39	10.56					1							G
20527	12.188	0.264	11.429	0.200		1.288	0.002	G	1.35	0.14	K	11.0037	0.0069	0.031	48		10.91	11.06		C			1							G
20528	12.240	0.237	11.058	0.142		1.210	0.015	G	1.35	0.03	I	11.0845	0.0049	0.030	64		11.04	11.14		C			1							G
20529	7.359	0.007	7.013	0.006		0.320	0.003	G	0.35	0.02	A	7.0565	0.0010	0.008	116		7.04	7.07		C	04239−6644	I 1	1							S
20530	10.527	0.050	8.887	0.021		1.370	0.015	G	1.34	0.02	I	8.8880	0.0026	0.014	46		8.86	8.90		C			1							
20531	8.490	0.016	8.128	0.017	B	0.353	0.017	G	0.41	0.02	H	8.2729	0.0247			B				D	04240+2419	I 2	1 C I D							S D
20532	8.725	0.014	8.345	0.014		0.388	0.004	G	0.45	0.00	H	8.3934	0.0020	0.012	68		8.37	8.41		C			1							
20533	6.539	0.007	6.350	0.006	A	0.173	0.009	T	0.19	0.01	L	6.4000	0.0061	0.007	59	A	6.39	6.41		D	04240+2419	I 2	1 C P D							S D
20534	8.368	0.012	7.922	0.010		0.384	0.006	G	0.45	0.01	H	7.9902	0.0013	0.009	80		7.97	8.01		C			1							S
20535	5.907	0.003	4.132	0.002		1.468	0.052	G	1.53	0.02	A	4.0941	0.0008	0.009	125		4.08	4.11		M			1							S
20536	10.546	0.035	9.555	0.023		0.867	0.031	T	0.88	0.02	L	9.5808	0.0021	0.020	137		9.53	9.63		C			1							
20537	9.305	0.015	8.064	0.010		1.059	0.014	T	1.03	0.01	L	8.1148	0.0013	0.014	117		8.09	8.14		C			1							S
20538	9.885	0.020	8.144	0.009		1.452	0.017	T	1.45	0.03	L	8.1126	0.0016	0.014	110		8.09	8.14		C			1							S
20539	9.599	0.020	9.090	0.020		0.478	0.026	T	0.55	0.03	L	9.1650	0.0021	0.016	82		9.14	9.19		C			1							
20540	8.982	0.019	7.815	0.013		1.000	0.015	G	0.98	0.01	H	7.8385	0.0013	0.007	46		7.82	7.85					1							S
20541	7.481	0.007	7.085	0.006		0.375	0.009	T	0.44	0.01	L	7.1416	0.0007	0.007	100		7.13	7.15		C			1 G							S
20542	5.008	0.002	4.821	0.003		0.154	0.007	G	0.18	0.03	C	4.8526	0.0005	0.004	89		4.85	4.86		C	04240+1726	I 1	1							S
20543	7.626	0.006	7.535	0.007		0.082	0.008	T	0.09	0.01	L	7.5613	0.0011	0.009	119		7.55	7.58					1							S
20544	10.994	0.043	9.277	0.017		1.433	0.037	T	1.42	0.06	L	9.3124	0.0019	0.022	145		9.28	9.36					1							
20545	9.026	0.012	8.515	0.011		0.490	0.012	T	0.56	0.01	L	8.5731	0.0015	0.019	157		8.54	8.61		C			1							S
20546	11.317	0.102	10.697	0.095		0.594	0.107	G	0.66	0.10	R	10.7135	0.0051	0.026	43		10.66	10.76		C			1							G
20547						−0.030	0.020	G	−0.01	0.02	R	12.6121	0.0168	0.061	35		12.54	12.78					1							G
20548	7.480	0.005	7.071	0.005		0.387	0.007	T	0.45	0.01	L	7.1183	0.0010	0.010	133		7.11	7.14		C			1							S
20549	9.331	0.015	8.173	0.010		0.994	0.014	T	0.97	0.01	L	8.2488	0.0012	0.016	129		8.22	8.28		M			1							
20550	10.397	0.035	9.831	0.034		0.529	0.043	T	0.60	0.04	L	9.8771	0.0019	0.024	95		9.84	9.92					1							G
20551	10.829	0.039	9.885	0.029		0.822	0.003	G	0.86	0.00	H	9.9548	0.0024	0.022	106		9.92	10.00		C			1							
20552	7.032	0.007	6.302	0.008	*	0.659	0.004	G	0.72	0.00	H *	6.4102	0.0009	0.008	119	*	6.40	6.43		D	04242−5704	I 1	2 C A	AB	246	5.602	0.002	0.42	0.01	S
20553	8.348	0.015	7.643	0.011	*	0.604	0.015	G	0.70	0.02	A *	7.7132	0.0024	0.015	59	*	7.69	7.74			04242+1445	H 1	2 C A	AB	189	0.303	0.018	3.02	0.21	S
20554	7.232	0.005	7.347	0.007		−0.099	0.007	T	−0.08	0.01	L	7.3287	0.0011	0.010	129		7.32	7.35		C	04242−4003	I 1	1							S
20555	9.656	0.021	9.113	0.020	*	0.524	0.100	G	0.64	0.03	L *	9.0472	0.0113	0.077	103	−	8.94	9.16		D	04242−6411	I 2	2 C P B	AB	311	0.337	0.007	0.71	0.08	Y
20556	7.072	0.006	6.872	0.005		0.191	0.007	T	0.21	0.01	L	6.9046	0.0009	0.007	101		6.89	6.92		C			1							S
20557	7.756	0.009	7.181	0.009		0.518	0.014	G	0.58	0.02	A	7.2415	0.0012	0.010	51		7.23	7.26		C			1							S
20558	8.241	0.012	6.556	0.007		1.408	0.011	T	1.39	0.01	L	6.5601	0.0014	0.007	41		6.55	6.57		C			1							S
20559	10.060	0.024	9.286	0.019	*	0.641	0.001	G	0.71	0.00	H *	9.3184	0.0032	0.029	103	*	9.27	9.37		R	04243−4856	I 1	2 C A	AB	264	0.581	0.004	0.51	0.02	S
20560	10.876	0.054	10.393	0.057	C	0.593	0.072	G	0.66	0.07	R	9.4521	0.0509	0.399	100	−	8.99	10.29		D	04242−6411	I 2	1 C F B							G
20561	7.588	0.006	7.099	0.007		0.472	0.007	T	0.54	0.01	L	7.1608	0.0011	0.009	109		7.15	7.17		C			1							S
20562	9.178	0.020	7.829	0.012		1.143	0.018	T	1.11	0.02	L	7.8783	0.0019	0.010	42		7.87	7.89		C			1							S
20563	11.788	0.256	10.089	0.078		1.050	0.011	G	1.02	0.01	H	10.1364	0.0034	0.027	79		10.10	10.18		C			1							G
20564	10.013	0.017	8.380	0.009		1.367	0.015	T	1.34	0.02	L	8.3478	0.0010	0.015	180		8.32	8.38					1							
20565						0.844	0.003	G	0.86	0.00	H	11.6689	0.0044	0.038	92		11.57	11.73					1							G
20566	9.832	0.022	8.103	0.010		1.479	0.020	G	1.50	0.02	A	8.0676	0.0017	0.016	109		8.04	8.09					1							S
20567	7.498	0.006	7.007	0.007		0.450	0.018	G	0.52	0.02	A	7.0609	0.0007	0.007	87		7.05	7.07		C			1							S
20568	10.019	0.024	8.394	0.012		1.360	0.021	T	1.33	0.02	L	8.3910	0.0020	0.024	130		8.35	8.44		U			1							
20569	9.320	0.013	8.797	0.012		0.491	0.016	T	0.56	0.02	L	8.8973	0.0023	0.022	145		8.87	8.93					1							
20570	7.301	0.008	7.278	0.009	A	0.021	0.011	T	0.04	0.01	L	7.3155	0.0241	0.075	78	A	7.22	7.44	5.69	P 1 A	04244+3418	I 2	1 C P A							S
20571	10.288	0.029	9.532	0.023	*	0.675	0.028	T	0.73	0.02	L *	9.4435	0.0028	0.032	103	*	9.41	9.50		R	04244−4809	I 1	2 C A	AB	60	0.860	0.004	0.23	0.02	
20572	10.849	0.038	9.759	0.024		0.942	0.034	T	0.93	0.03	L	9.8524	0.0034	0.033	142		9.78	9.90					1 S							S
20573	9.047	0.021	8.622	0.021	B	0.401	0.028	T	0.47	0.03	L	8.3805	0.0522			B				D	04244+3418	I 2	1 C I A							
20574	8.236	0.009	7.814	0.012		0.413	0.004	G	0.48	0.00	H	7.8590	0.0016	0.008	50		7.84	7.87		C			1							S
20575	10.106	0.034	9.613	0.034		0.464	0.044	T	0.53	0.05	L	9.6759	0.0018	0.019	84		9.64	9.71		C			1							G
20576	7.290	0.005	7.123	0.006		0.160	0.007	T	0.18	0.01	L	7.1645	0.0007	0.008	100		7.15	7.18					1 G							S
20577	8.498	0.012	7.872	0.011		0.599	0.015	G	0.69	0.02	A	7.9233	0.0017	0.012	84		7.90	7.94		C			1							S
20578	10.261	0.024	9.338	0.018		0.817	0.022	T	0.84	0.02	L	9.3663	0.0019	0.018	104		9.33	9.40		C			1							
20579	5.653	0.003	5.716	0.004		−0.054	0.004	T	−0.03	0.00	L	5.7193	0.0007	0.005	73		5.71	5.73		C			1							S
20580	8.407	0.012	7.994	0.012	*	0.406	0.015	G	0.47	0.02	H *	8.0380	0.0015	0.010	59	*	8.00	8.06		D	04245+2244	I 1	2 C A	AB	61	0.289	0.007	0.16	0.09	S
20581	10.616	0.034	9.254	0.018		1.260	0.020	G	1.22	0.02	H	9.3003	0.0017	0.020	138		9.26	9.33		C			1							
20582	8.266	0.008	8.261	0.010		0.006	0.011	T	0.03	0.01	L	8.2748	0.0012	0.013	111		8.25	8.31					1							S
20583	9.073	0.012	8.530	0.012		0.516	0.013	T	0.59	0.01	L	8.5815	0.0015	0.020	135		8.56	8.62					1							S
20584	9.126	0.011	8.943	0.013		0.180	0.015	G	0.20	0.02	H	8.9917	0.0015	0.019	155		8.96	9.02					1							
20585	9.335	0.016	8.132	0.011		1.029	0.015	T	1.00	0.01	L	8.1889	0.0017	0.015	97		8.16	8.23					1							
20586	7.421	0.007	6.954	0.007	*	0.456	0.010	G	0.53	0.01	H *	6.9930	0.0011	0.008	97	*	6.98	7.01			04245+5051	M 1	2 C A	AB	164	0.656	0.009	3.14	0.04	S
20587	10.369	0.049	9.788	0.047		0.543	0.060	T	0.62	0.06	L	9.9051	0.1318	0.374	45		9.44	10.27	1.58	P 1 A			1							G
20588	9.595	0.022	9.410	0.026		0.177	0.032	T	0.19	0.04	L	9.4388	0.0023	0.018	74		9.41	9.48		C			1							
20589	8.980	0.016	8.793	0.019		0.172	0.024	T	0.19	0.03	L	8.8684	0.0019	0.012	69		8.84	8.89		C			1							
20590	10.492	0.035	8.641	0.014	*						T *	8.6046	0.0016	0.014	95	*	8.58	8.62		C	04246+4243	H 1	2 C A	AB	158	0.204	0.030	2.71	0.46	
20591	6.235	0.005	5.785	0.005	*	0.400	0.019	G	0.47	0.02	H *	5.8454	0.0008	0.005	74	*	5.84	5.85		D	04246+3358	I 1	2 C A	AB	21	4.302	0.016	3.84	0.12	S
20592	10.320	0.028	9.567	0.023		0.688	0.029	T	0.75	0.02	L	9.6069	0.0023	0.026	109		9.57	9.66					1							
20593	9.851	0.020	8.690	0.013		0.997	0.019	T	0.98	0.01	L	8.7620	0.0017	0.019	124		8.73	8.80		C			1							
20594	10.746	0.060	9.731	0.039		0.783	0.002	G	0.83	0.00	H	9.8125	0.0024	0.028	135		9.77	9.87		C			1							
20595	8.325	0.012	7.918	0.013		0.411	0.004	G	0.48	0.00	H	7.9668	0.0012	0.009	45		7.95	7.98					1							S
20596	8.733	0.009	8.758	0.012		−0.021	0.013	T	0.00	0.01	L	8.7660	0.0020	0.019	129		8.73	8.79					1							S
20597	7.480	0.010	7.253	0.012		0.210	0.015	G	0.23	0.02	H	7.2823	0.0020	0.010	38		7.26	7.30					1 X S							S
20598	8.783	0.014	8.094	0.011	*	0.670	0.002	G	0.73	0.00	H *	8.2311	0.0015	0.011	119	*	8.21	8.25		D	04248−0845	I 1	2 C A	AB	352	3.195	0.004	0.90	0.01	S
20599	10.529	0.029	9.639	0.022		0.777	0.028	T	0.81	0.02	L	9.6915	0.0034	0.035	143		9.63	9.76					1							
20600	7.762	0.009	7.389	0.009		0.364	0.011	T	0.43	0.01	L	7.4352	0.0013	0.010	75		7.42	7.45					1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ α* (19)	π α* (20)	π δ (21)	$\mu_{\alpha*}$ α* (22)	$\mu_{\alpha*}$ δ (23)	$\mu_{\alpha*}$ π (24)	μ_δ α* (25)	μ_δ δ (26)	μ_δ π (27)	μ_δ $\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
20601		04 24 43.17	+04 41 59.8	8.93		G	66.179 864 54	+04.699 948 56		14.97	99.52	−1.15	1.33	0.93	1.51	1.34	1.10	+0	+54	−17	−2	−6	−15	−17	+0	−19	+23	0	−0.22
20602		04 24 44.41	−05 41 24.5	8.22		H	66.185 027 55	−05.690 125 07		3.16	−3.12	−20.22	0.96	0.77	1.07	1.20	1.13	+52	+23	+10	+34	+23	−2	+24	+39	+5	+43	0	−0.28
20603		04 24 45.86	−09 13 24.6	7.70		H	66.191 095 52	−09.223 506 28		6.32	−10.12	−7.55	0.84	0.73	1.06	1.07	1.01	+60	+1	−14	+57	+47	−4	+55	+75	−29	+21	0	−0.18
20604		04 24 47.11	+25 24 34.1	11.15		H	66.196 281 78	+25.409 472 80		−0.41	0.71	−20.83	2.65	1.80	2.98	3.05	2.45	+6	+40	−15	+7	−4	−8	−3	+25	+13	+27	0	2.34
20605	H	04 24 47.99	+15 52 29.2	11.66		G	66.199 969 15	+15.874 781 73	A	24.41	102.58	−26.06	8.68	6.99	6.94	10.11	9.06	+49	+28	+6	+0	+13	−9	+4	+32	−25	+56	1	−0.20
20606		04 24 50.77	−50 37 18.6	7.69		H	66.211 528 30	−50.621 841 38		17.80	−66.98	−144.01	0.60	0.56	0.64	0.65	0.62	−12	+12	−10	−2	+1	+0	+1	−4	+3	−10	3	0.53
20607		04 24 51.91	−28 12 30.7	7.91		H	66.216 282 65	−28.208 526 26		2.31	−0.13	−4.39	0.61	0.71	1.03	0.67	0.99	−12	+12	−4	−24	+2	−7	+0	+21	−21	−11	0	−0.05
20608		04 24 51.97	−38 20 04.4	8.76		H	66.216 556 95	−38.334 554 56		6.58	−5.47	40.67	0.64	0.73	0.87	0.71	0.94	−7	−4	+8	−15	+10	+14	+9	−1	−22	+3	0	0.92
20609		04 24 52.02	+50 50 43.5	8.57		H	66.216 754 84	+50.845 426 43		1.80	−7.16	−5.98	0.87	0.65	1.20	0.99	0.81	−13	+28	−30	−4	+0	+12	−2	+21	−20	−7	0	−0.98
20610		04 24 52.80	−77 41 06.0	8.00		G	66.219 995 41	−77.685 005 91	A	15.48	−48.30	−4.94	2.35	2.92	2.04	2.34	3.42	−5	+19	−22	−11	+6	−11	+4	−17	+7	−5	11	2.02
20611		04 24 53.97	−44 43 46.2	8.64		H	66.224 858 28	−44.729 511 31		13.81	11.30	−11.06	0.66	0.73	0.87	0.77	0.89	+9	−6	+9	−7	−6	+28	−10	+3	−12	+18	5	0.72
20612		04 24 55.78	−77 41 02.1	8.20		G	66.232 426 68	−77.683 903 94	B	16.98	−48.51	−0.58	4.36	5.23	2.29	3.20	4.53	−2	+19	−13	−18	+4	−8	+5	−5	+9	−5	11	2.02
20613		04 24 56.45	−34 45 25.9	6.55		H	66.235 219 47	−34.757 194 92		11.94	−3.79	−116.25	0.47	0.53	0.66	0.52	0.61	−6	+4	−9	+6	−17	+19	−16	−10	+1	+3	0	0.25
20614		04 24 57.06	+19 02 31.5	5.97		H	66.237 748 71	+19.042 092 30		20.40	110.73	−32.50	0.70	0.51	0.74	0.88	0.74	+36	+24	+13	+12	+5	−1	+2	+39	+5	+41	0	1.01
20615		04 24 58.06	+58 35 53.8	8.11		H	66.241 916 58	+58.598 273 91		3.22	1.21	−9.60	0.67	0.61	1.09	0.78	0.82	+5	+14	−21	+22	+6	+18	+0	+41	−36	+23	2	1.19
20616		04 25 00.30	+11 58 40.7	8.41		G	66.251 244 67	+11.977 963 91		21.00	43.19	−16.32	1.21	0.78	1.37	1.23	0.93	−2	+54	−23	+17	+9	+1	−11	+27	−34	+5	0	2.98
20617		04 25 01.36	−21 12 40.5	8.17		H	66.255 679 15	−21.211 262 59		3.62	12.72	−8.38	0.69	0.66	1.05	0.71	0.78	−16	+20	−13	−49	+16	−11	+15	−5	−16	−17	2	1.42
20618		04 25 03.69	−50 54 21.6	8.32		H	66.265 364 56	−50.906 009 53		6.61	23.86	33.68	0.60	0.60	0.72	0.70	0.72	−5	+21	−2	−2	+1	−13	−1	+6	−6	−4	0	1.35
20619		04 25 05.36	−61 14 17.7	5.94	1	G	66.272 333 79	−61.238 246 28		5.08	−18.82	21.69	0.46	0.44	0.48	0.51	0.50	−13	+3	−14	−24	+4	+0	+4	−13	+14	−13	1	−0.09
20620		04 25 06.13	−69 23 22.4	8.53		H	66.275 533 69	−69.389 546 41		3.52	21.37	17.48	0.68	0.71	0.73	0.70	0.93	−6	+11	−11	−15	+14	+2	+16	−4	−13	−7	0	0.88
20621	H	04 25 06.73	+31 13 46.4	9.70		H	66.278 026 99	+31.229 566 87	*	−0.27	−0.40	−4.27	1.43	0.88	1.78	1.68	1.19	+4	+34	−33	+8	+0	−15	−19	+45	−43	+19	0	−0.10
20622		04 25 06.77	−32 43 37.6	8.59		H	66.278 210 02	−32.727 114 84		4.51	−45.37	−132.11	0.62	0.80	0.98	0.68	0.89	−13	+13	−15	+19	−13	+21	−8	+4	+6	+8	0	−1.20
20623		04 25 07.01	−34 48 12.0	12.39		H	66.279 214 15	−34.803 344 33		15.09	278.02	−4.72	3.04	3.72	4.37	3.49	4.53	−6	+16	−8	+2	−19	+18	−19	−18	−1	−4	2	−0.39
*20624		04 25 09.51	+44 21 53.3	7.89		H	66.289 631 57	+44.364 803 37		1.31	2.66	−9.50	1.01	0.75	1.12	1.20	0.93	+25	+30	−11	+22	+16	−6	+14	+67	−10	+25	0	1.27
*20625		04 25 09.23	−64 04 51.1	7.89		G	66.288 471 64	−64.080 851 58		23.13	−61.28	321.60	0.53	0.64	0.64	0.51	0.74	+5	−1	−20	−19	+17	+3	+16	+7	−11	+29	1	−0.87
20626		04 25 10.79	+25 44 57.3	7.86		H	66.294 946 07	+25.749 239 44		15.92	57.57	−26.22	0.93	0.71	1.00	1.03	0.94	+35	+38	−4	+17	+24	−11	+16	+46	−6	+51	0	−1.63
20627		04 25 12.66	−61 37 20.4	8.25		H	66.302 731 88	−61.622 335 05		10.83	48.60	101.09	0.64	0.61	0.66	0.69	0.72	−11	+2	−12	−35	+15	+7	+12	−7	+9	+10	1	−2.00
20628		04 25 17.49	−05 39 07.7	7.46		H	66.322 860 82	−05.652 134 02		4.25	−44.45	19.83	0.80	0.82	0.93	1.03	1.06	+42	+10	−22	+30	+22	−11	+20	+35	−6	+43	0	0.60
20629		04 25 18.47	+84 04 54.1	8.42		H	66.326 966 09	+84.081 707 34		3.33	−9.98	8.66	0.56	0.68	0.76	0.67	0.87	−3	+8	+0	+9	+1	−3	−3	−7	−10	−22	1	0.39
20630		04 25 19.10	−44 09 39.8	6.38		H	66.329 572 33	−44.161 056 59		27.00	27.33	65.64	0.47	0.49	0.57	0.60	0.58	+5	−9	−12	+11	−19	+11	−14	−3	−6	+18	1	−0.90
20631		04 25 19.16	+23 47 17.0	8.12		H	66.329 845 54	+23.788 047 81	A	5.15	5.89	−11.52	2.03	1.56	1.76	1.97	1.55	+27	+17	−30	−2	−10	+12	−10	+21	−12	+35	1	0.05
20632		04 25 19.26	+23 47 46.1	10.46	2	H	66.330 250 83	+23.796 132 24	B	−4.14	4.39	−10.66	17.96	12.86	10.85	12.85	9.08	+25	+14	−26	+0	−14	+12	−14	+19	−12	+28	1	0.05
20633		04 25 19.86	+39 03 09.6	8.23		H	66.332 760 29	+39.052 676 79		8.23	−11.67	−69.13	1.04	0.65	1.13	1.27	0.81	+11	+15	−7	+0	−18	+11	−17	+44	+2	+12	3	0.88
20634		04 25 20.18	−57 44 46.7	8.88		H	66.334 078 72	−57.746 305 82		4.32	5.54	22.34	0.82	0.77	0.86	0.90	0.91	+3	+25	−8	−18	−8	−9	−8	−3	−5	−8	0	0.06
20635		04 25 22.10	+22 17 38.3	4.21		G	66.342 078 25	+22.293 980 98		21.27	105.49	−44.14	0.74	0.53	0.80	0.81	0.66	+32	+34	−4	+16	+15	−4	+9	+39	−16	+31	0	1.59
20636		04 25 22.66	−43 08 43.6	8.67		H	66.344 430 35	−43.145 433 98		2.76	9.59	−0.67	0.63	0.71	0.80	0.68	0.84	+1	+8	+7	−16	−5	+13	−10	+3	−9	+10	0	0.81
20637		04 25 22.84	+63 37 34.7	9.96		H	66.345 185 49	+63.626 305 46		15.11	−128.46	−51.39	1.18	1.40	1.66	1.62	1.96	+31	−1	−28	+39	+35	−13	+30	+63	−28	+42	0	−0.78
20638		04 25 23.73	−35 40 31.5	7.79		H	66.348 868 91	−35.675 408 77		24.04	53.90	−65.38	0.53	0.62	0.74	0.57	0.75	−10	+1	−8	−1	−1	−2	−3	+10	+5	+3	0	−0.89
20639		04 25 24.29	−73 19 33.6	9.22		H	66.351 209 82	−73.325 997 36		10.32	112.86	63.20	0.70	0.74	0.78	0.73	0.83	−8	+10	−1	−3	−6	−6	−8	+29	−12	+4	0	−0.11
20640		04 25 24.52	−51 56 08.1	8.10		H	66.352 158 32	−51.935 580 11		3.31	−0.27	1.37	0.64	0.57	0.66	0.63	0.61	−17	+5	+4	−6	−5	+10	−7	+6	−14	−16	0	0.44
*20641		04 25 24.94	+22 12 00.4	5.27		H	66.353 935 96	+22.200 112 40		22.65	112.45	−47.06	0.77	0.55	0.84	0.88	0.73	+30	+30	−3	+12	+16	+0	+12	+36	−18	+22	0	0.97
*20642		04 25 24.89	+02 13 04.7	8.11		G	66.353 726 15	+02.217 972 03		2.18	12.92	−21.21	1.05	0.83	1.32	1.20	1.02	−2	+37	−44	+22	−14	−8	−30	+18	−38	+26	0	0.16
20643		04 25 26.20	−03 46 08.6	8.12		H	66.359 180 68	−03.769 061 70		4.19	19.27	−1.17	1.04	0.83	1.07	1.26	1.27	+20	+5	−16	+42	−2	−16	−7	+18	+1	+40	0	1.34
20644		04 25 27.01	+23 44 17.9	10.76		H	66.362 559 10	+23.738 302 28		5.37	29.93	14.80	2.22	1.64	2.56	2.26	1.89	+28	+30	−22	+6	+8	−8	−4	+36	−28	+41	0	0.79
20645		04 25 27.70	−65 48 45.4	8.08		H	66.365 408 27	−65.812 615 95		9.88	−25.56	−28.90	0.62	0.61	0.65	0.63	0.79	−18	+8	+0	−14	−5	+18	−6	+3	+13	−16	1	−0.73
20646		04 25 27.87	+18 53 03.5	8.73		H	66.366 119 77	+18.884 312 70		4.53	−8.15	−7.83	1.12	0.76	1.21	1.70	1.39	+35	+7	−3	−13	−12	+24	−22	+14	+18	+59	0	−0.65
20647		04 25 29.14	+46 08 37.4	7.43		H	66.371 398 02	+46.143 713 03		1.86	−1.80	−2.81	0.77	0.58	0.94	1.03	0.86	−2	+6	−10	+17	+15	−15	−4	+61	−1	+32	2	−0.14
*20648	H	04 25 29.32	+17 55 40.8	4.30		G	66.372 155 93	+17.927 989 17	A	22.05	108.26	−32.47	0.75	0.52	0.77	0.97	0.83	+34	+10	+8	−2	+5	+25	−10	+34	+20	+54	2	−0.74
*20649		04 25 29.27	−34 51 48.6	9.43		H	66.371 937 86	−34.863 496 86		11.17	−3.78	−8.57	0.82	1.02	1.20	0.92	1.22	−2	+4	−9	−3	−16	+15	−16	−12	−2	+8	0	−1.31
20650	H	04 25 29.65	−53 06 42.8	6.91		G	66.373 556 32	−53.111 885 16	A	8.10	42.00	28.13	0.69	0.69	0.68	0.68	0.68	−6	−5	−3	+11	−9	−5	−10	+18	−14	+7	0	−0.74
20651		04 25 30.75	−17 11 00.1	8.24		H	66.378 117 04	−17.183 366 68		4.68	−7.13	−6.21	0.91	0.76	1.12	1.24	1.09	−9	+10	−13	+38	+13	−7	+9	+48	−25	−3	0	−1.10
20652		04 25 30.86	+26 17 32.8	11.06		H	66.378 602 99	+26.292 447 09		21.93	35.04	−97.93	2.52	1.52	2.80	2.60	2.04	+22	+49	−2	+3	−9	+0	−24	+27	−26	+33	0	2.36
20653		04 25 31.18	+37 16 24.7	8.48		G	66.379 905 95	+37.273 521 46		4.61	−4.66	−11.67	1.11	0.91	1.11	1.14	1.11	+51	+32	+11	+31	+38	−4	+33	+71	−5	+53	0	−0.25
20654		04 25 32.66	−47 52 15.3	8.94		H	66.386 083 05	−47.870 924 98		7.62	−19.75	−41.86	0.72	0.72	0.85	0.84	0.77	+12	−2	−15	−4	−11	+6	−9	−20	+10	+18	0	−0.61
20655		04 25 33.47	+54 49 07.5	9.46		H	66.389 440 64	+54.818 742 66		3.33	4.80	−14.02	1.07	0.91	1.31	1.24	1.16	−12	+5	−13	+49	−21	+0	−27	+68	−22	+0	0	2.15
20656		04 25 34.68	−16 25 06.5	7.76		H	66.394 479 71	−16.418 480 45		3.18	45.28	9.15	0.79	0.66	0.99	1.20	0.96	−26	+1	−14	+31	−6	−7	−7	+48	−23	−33	2	0.43
20657		04 25 35.42	−60 45 25.1	8.69	2	H	66.397 570 43	−60.756 958 52		3.67	−5.36	13.57	0.66	0.66	0.70	0.77	0.77	−10	−3	−14	−22	−2	+11	+1	−10	+12	−18	1	−1.89
20658		04 25 36.18	−05 05 28.8	7.77		H	66.400 747 27	−05.091 322 98		7.60	73.02	−34.63	1.04	0.84	1.20	1.13	1.07	+0	+46	−36	+25	+16	−4	+10	+35	−7	+33	0	−0.15
20659	H	04 25 36.44	+32 09 31.4	8.57		H	66.401 852 21	+32.158 723 98	A	8.92	2.13	46.20	1.94	1.20	1.87	2.57	1.53	+5	−15	−28	−19	−19	+19	−27	+31	−9	+31	1	−0.17
20660		04 25 36.82	+05 38 43.2	7.03		H	66.403 429 84	+05.645 335 21		2.61	−1.41	3.30	0.90	0.67	0.99	1.02	0.78	+21	+34	+6	+16	−12	−23	−14	+12	−11	+22	0	0.91
20661	H	04 25 37.25	+15 56 27.9	6.44		H	66.405 223 19	+15.941 080 06	*	21.47	104.62	−28.83	0.93	0.50	0.97	1.08	0.75	+40	+49	+26	−11	−20	−5	−26	+18	−17	+24	0	−0.50
20662		04 25 38.20	−71 17 15.4	9.91		H	66.409 165 46	−71.287 601 64		1.86	3.83	4.76	0.95	1.00	1.03	1.06	1.18	+1	+6	+4	−26	−2	+23	−2	+20	+7	+3	0	2.22
20663		04 25 38.26	+29 31 36.3	8.17		H	66.409 401 14	+29.526 742 64		4.77	4.01	−14.80	0.97	0.66	1.07	1.10	0.93	+38	+30	−8	−16	+5	−2	−9	+24	−20	+57	0	0.63
20664		04 25 38.49	+36 39 56.0	8.40		H	66.410 377 80	+36.665 561 31		3.48	6.78	−22.07	1.03	0.80	1.15	1.08	1.01	+38	+24	−21	+15	+41	−25	+24	+67	−37	+54	0	−0.13
20665		04 25 38.70	−38 03 34.4	9.95	2	H	66.411 264 51	−38.059 542 46		1.11	32.13	26.30	0.82	0.92	1.14	0.91	1.18	−10	−11	+12	−17	+9	+17	+6	+3	−23	+6	1	−0.31
20666		04 25 39.07	−10 35 13.9	8.53		H	66.412 771 02	−10.587 191 65		4.65	−1.11	−22.38	0.89	0.76	1.20	1.13	0.98	+24	+37	+4	+33	+11	−11	+19	+59	+4	−12	0	−1.01
20667		04 25 39.61	−01 24 39.1	6.76		G	66.415 022 13	−01.410 869 61		6.53	−10.64	−18.54	0.81	0.67	0.89	0.95	0.91	+27	+33	−8	+26	+26	−3	+19	+36	−14	+47	0	−0.13
20668		04 25 40.13	+02 54 50.2	8.89		H	66.417 191 27	+02.913 948 19		−0.90	−12.92	5.19	1.25	0.88	1.30	1.64	1.18	+4	+22	−7	−1	−20	−13	−24	−10	−16	+8	0	0.51
20669		04 25 40.26	+63 40 29.5	8.30		H	66.417 730 00	+63.674 853 36		15.21	−128.25	−55.73	0.66	0.73	0.95	0.90	0.98	+13	−3	+0	+33	+6	−14	+6	+46	+4	+13	0	1.62
20670		04 25 40.34	−39 50 09.6	8.18	2	H	66.418 098 21	−39.836 009 11		1.93	30.10	25.46	0.63	0.67	0.78	0.75	0.79	−12	+10	+6	−22	−7	−10	−3	+10	+6	−22	0	−0.53
20671		04 25 41.66	−04 43 38.7	8.23		G	66.423 581 84	−04.727 425 50		10.46	−1.34	−3.12	1.15	0.95	1.33	1.25	1.28	+6	+42	−27	+37	+1	+7	−7	+32	−23	+33	0	1.68
20672		04 25 41.71	+09 43 30.3	8.60		H	66.423 800 84	+09.725 070 51		1.77	14.17	−12.68	1.29	1.12	1.72	1.65	1.44	+13	+30	−48	−26	−16	+0	−23	−13	−19	+57	0	1.00
20673	H	04 25 41.81	−02 13 56.8	7.25		H	66.424 206 39	−02.232 457 65	A	23.86	62.60	7.57	1.29	1.06	1.21	1.40	1.22	+24	+5	−50	+42	+29	−11	+27	+54	−26	+34	2	−0.64
20674		04 25 41.97	+29 54 26.9	9.45		H	66.424 886 89	+29.907 468 09		3.36	−5.54	−0.91	1.17	0.77	1.31	1.27	1.00	+35	+33	+2	−6	+0	−7	−10	+27	−20	+42	0	1.29
20675		04 25 42.31	−09 55 35.9	6.66		H	66.426 291 16	−09.926 626 50		2.79	3.22	−3.03	0.74	0.56	0.98	0.88	0.74	+37	+39	+11	+43	+24	+21	+23	+52	−13	−11	0	0.02
20676		04 25 43.74	−05 09 11.0	7.34		H	66.432 251 58	−05.153 063 47		4.74	17.43	−4.75	0.99	0.82	1.16	1.05	1.03	+4	+48	−34	+24	+18	−4	+11	+35	−7	+36	3	1.32
20677		04 25 45.60	−69 59 37.3	7.86		H	66.440 007 68	−69.993 698 13		23.09	144.02	4.88	0.56	0.61	0.62	0.58	0.76	−5	+12	−17	−10	+3	+3	+4	+3	+6	+7	0	−1.59
20678		04 25 46.47	−44 51 15.5	7.58		H	66.443 633 18	−44.854 308 83		2.94	13.41	2.45	0.51	0.53	0.63	0.57	0.58	+2	+3	−5	+1	−13	+18	−12	−1	−3	+17	0	0.83
20679	H	04 25 47.49	+18 01 02.5	8.99		G	66.447 877 12	+18.017 359 14	*	20.79	112.62	−35.79	2.47	1.64	1.83	2.46	2.06	+25	+12	−2	+1	+3	+32	−3	+21	+26	+54	1	−0.41
20680		04 25 47.54	+21 08 17.2	8.48		G	66.448 063 41	+21.138 107 60		4.44	−12.14	25.96	1.22	0.89	1.24	1.38	1.27	+42	+18	+6	+14	+42	+16	+44	+54	−17	+32	0	2.19
20681	H	04 25 48.45	−50 13 31.5	8.76		H	66.451 881 23	−50.225 417 00	A	4.19	26.04	46.17	1.07	1.11	1.10	1.09	1.14	−11	+19	−14	−1	−15	−2	−13	+10	+0	−10	2	−0.21
20682		04 25 49.82	−15 39 35.7	8.14		H	66.457 571 69	−15.659 903 86		0.59	3.98	3.89	0.83	0.69	1.11	1.41	1.06	−22	+5	−16	+22	−9	+25	−7	+48	−34	−34	0	1.61
20683		04 25 50.01	+46 14 01.9	8.10		H	66.458 369 76	+46.233 867 18		2.61	−0.20	−3.53	0.97	0.71	1.14	1.33	1.04	−15	+13	−6	+35	−6	−21	−17	+70	+1	+6	0	1.28
20684		04 25 50.90	−32 17 07.6	9.20		H	66.462 093 74	−32.285 441 20		2.82	21.01	9.83	1.60	1.94	2.44	1.68	2.17	−8	+9	−10	−8	−11	+10	−10	−20	+6	−1	0	
20685		04 25 50.94	−32 57 23.7	8.62		H	66.462 258 18	−32.956 579 80		3.85	10.86	−3.20	0.70	0.84	1.06	0.78	0.93	−14	+21	−14	+24	−18	+24	−13	+0	+3	−1	0	1.31
20686	H	04 25 51.66	+18 51 50.9	8.07		G	66.465 246 97	+18.864 145 16	*	23.08	110.87	−33.75	2.30	1.12	1.22	1.74	1.48	+35	+0	−2	−14	−4	+14	−9	+15	+9	+68	1	0.05
20687	H	04 25 52.41	+60 15 21.1	8.29		H	66.468 355 24	+60.255 870 57	A	3.24	4.37	0.02	1.60	1.62	2.34	1.75	1.76	+10	+4	−20	+8	−3	−13	−6	+27	−1	+12	4	1.18
20688		04 25 52.92	−67 34 19.8	8.99		H	66.470 507 49	−67.572 168 48		1.94	−2.27	−6.65	0.75	0.85	0.83	0.87	1.16	+2	+22	−12	+13	+1	−4	−8	+38	−20	+18	0	0.10
20689		04 25 53.06	+47 03 30.5	7.84		H	66.471 072 66	+47.058 475 09		1.30	2.88	−3.36	0.85	0.59	1.07	1.09	0.86	−13	+21	−24	+9	+0	−2	−15	+56	−21	+13	0	0.95
20690		04 25 54.95	+57 29 43.0	8.59		H	66.478 942 71	+57.495 271 40		22.24	−62.75	−65.94	0.85	0.69	1.14	0.93	0.84	−27	+35	−27	+44	−37	+16	−41	+53	−27	−35	0	−0.10
20691		04 25 55.84	+58 20 10.7	8.61		H	66.482 662 07	+58.336 302 21		4.60	−2.75	−12.84	0.81	0.73	1.28	0.98	0.94	+8	+14	−28	+27	+8	+20	+7	+41	−33	+23	0	−0.78
20692		04 25 56.21	+01 01 54.4	7.36		H	66.484 207 97	+01.031 789 72		5.94	−5.01	−5.77	1.17	1.16	1.50	2.18	2.13	+20	−2	−52	+25	+2	+18	+11	+27	+1	+46	5	0.58
20693		04 25 57.28	+05 09 00.5	7.36		H	66.488 676 47	+05.150 133 62		22.03	96.32	4.55	0.85	0.63	0.90	0.97	0.75	+7	+28	−2	+16	−19	−8	−18	+4	−1	+13	0	1.66
20694		04 25 57.90	+53 47 07.3	8.70		H	66.491 254 87	+53.785 373 46		−0.15	−3.90	1.01	0.97	0.70	1.22	1.14	0.92	−6	−1	−13	−5	+13	+10	+10	+33	−28	+6	0	−0.39
20695		04 26 00.54	−17 51 59.4	8.10		H	66.502 234 50	−17.866 497 68		3.16	43.26	−27.92	0.87	0.67	1.03	1.07	0.94	−16	+4	−4	+45	−13	−4	−20	+12	−13	−30	2	−1.12
20696		04 26 00.68	−56 31 34.2	8.88		H	66.502 821 00	−56.526 176 01		3.33	−5.44	−13.86	0.79	0.74	0.82	0.99	0.92	−4	+10	−9	−1	−1	+2	−2	−3	−5	−17	3	0.55
20697		04 26 01.07	−13 16 49.2	8.37		H	66.504 478 13	−13.280 343 38		11.46	63.46	33.13	0.80	0.65	1.29	1.29	1.18	−5	+20	−16	+4	+14	+30	+21	+41	−35	−31	1	0.34
20698	H	04 26 01.34	+04 22 24.6	6.37		G	66.505 562 92	+04.373 489 76	*	5.17	22.87	−16.01	2.66	1.39	1.15	1.16	0.91	+7	+12	−41	−3	−8	−3	−10	−11	−6	+7	2	−0.37
20699		04 26 02.08	−06 10 49.1	9.73		G	66.508 653 26	−06.180 311 31		20.27	−39.68	−181.34	1.50	1.43	1.69	1.81	1.94	+63	+36	+19	+32	+32	−2	+29	+43	−3	+60	0	3.75
20700		04 26 02.66	+00 40 49.6	8.68		H	66.511 090 75	+00.680 444 00		2.27	−6.15	−28.87	1.72	1.26	1.74	3.27	2.45	−20	+19	−51	−44	+30	−5	+21	−1	−5	+27	0	1.55

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
20601	9.915	0.035	9.046	0.027		0.758	0.000	G	0.80	0.00	H	9.0629	0.0031	0.017	39		9.03	9.09				1							
20602	9.497	0.019	8.329	0.012		1.002	0.018	T	0.98	0.01	L	8.3818	0.0019	0.015	110		8.36	8.41				1							S
20603	7.925	0.009	7.721	0.009		0.195	0.012	T	0.21	0.01	L	7.7594	0.0008	0.012	117		7.74	7.78		C		1							S
20604						0.698	0.155	G	0.75	0.13	R	11.2891	0.0048	0.036	47		11.19	11.35				1							G
20605						1.408	0.013	G	1.69	0.03	I *	11.7579	0.0086	0.060	79	*	11.68	11.86		D	04248+1552	H 1 2 C B	AB	9	0.400	0.021	0.97	0.13	G
20606	8.602	0.009	7.784	0.008		0.722	0.009	T	0.77	0.01	L	7.8277	0.0013	0.011	108		7.80	7.86			04248−5037	I 1 1							S
20607	9.270	0.013	8.027	0.008		1.061	0.012	T	1.03	0.01	L	8.0780	0.0012	0.016	142		8.05	8.11		C		1							S
20608	9.759	0.018	8.823	0.013		0.813	0.017	T	0.84	0.01	L	8.9054	0.0019	0.019	128		8.87	8.94				1							
20609	10.991	0.053	8.788	0.015		1.819	0.044	T	1.85	0.04	L	8.6580	0.0022	0.018	101		8.63	8.68		R		1 S							
20610	8.543	0.013	8.041	0.012	A	0.516	0.015	G	0.59	0.02	H	8.0855	0.0070	0.039	107	A	8.07	8.33		D	04249−7741	I 2 1 C P A							S
20611	9.570	0.017	8.731	0.013		0.754	0.016	T	0.80	0.01	L	8.7834	0.0019	0.019	98		8.75	8.81				1							
20612	8.784	0.014	8.244	0.013	B	0.524	0.015	G	0.60	0.02	H	8.3170	0.0085			B				D	04249−7741	I 2 1 C I A							
20613	7.084	0.004	6.601	0.004		0.445	0.005	G	0.51	0.01	H	6.6536	0.0010	0.009	126		6.64	6.67			04249−3446	I 1 1							S
20614	6.428	0.005	6.014	0.005		0.378	0.014	G	0.47	0.03	C	6.0632	0.0010	0.007	77		6.05	6.07				1							S
20615	8.461	0.009	8.139	0.010		0.306	0.013	T	0.35	0.02	L	8.1890	0.0012	0.013	110		8.16	8.22		C		1							
20616	9.182	0.025	8.457	0.021		0.639	0.015	G	0.70	0.01	H	8.5546	0.0024	0.017	45		8.53	8.58				1							
20617	9.444	0.013	8.269	0.009		1.008	0.012	T	0.98	0.01	L	8.3326	0.0018	0.018	178		8.30	8.37				1 S							
20618	8.759	0.011	8.345	0.011		0.405	0.013	T	0.47	0.01	L	8.4085	0.0013	0.014	113		8.39	8.44		C		1 G							S
20619	7.944	0.008	6.112	0.004		1.533	0.003	G	1.58	0.01	H	6.0602	0.0009	0.009	105		6.04	6.08		M		1							S
20620	9.035	0.013	8.585	0.013		0.424	0.017	T	0.49	0.02	L	8.6303	0.0015	0.013	103		8.61	8.66				1							S
20621	12.282	0.283	9.989	0.049	*						T *	9.8664	0.0036	0.026	79	*	9.83	9.90			04251+3114	H 1 2 C S B	AB	348	0.130	0.016	0.60	0.80	G
20622	9.914	0.019	8.684	0.012		1.044	0.018	T	1.01	0.01	L	8.7354	0.0017	0.018	161		8.71	8.77		C		1							
20623											T	12.5260	0.0100	0.103	104		12.35	12.72				1 S							G
20624	9.674	0.022	8.043	0.011		1.365	0.019	T	1.33	0.02	L	8.0439	0.0014	0.011	92		8.02	8.06		C		1							
20625	8.684	0.011	7.967	0.009		0.650	0.015	G	0.71	0.01	H	8.0270	0.0013	0.012	109		8.01	8.05		C	04252−6405	I 1 1							S
20626	8.408	0.013	7.901	0.013		0.448	0.020	G	0.52	0.02	H	7.9604	0.0017	0.010	63		7.95	7.98		C		1							S
20627	8.973	0.013	8.309	0.011		0.605	0.013	T	0.67	0.01	L	8.3773	0.0016	0.015	108		8.35	8.40		C		1							S
20628	8.702	0.013	7.562	0.009		0.980	0.012	T	0.96	0.01	L	7.6235	0.0015	0.012	71		7.60	7.65		C		1							S
20629	9.781	0.021	8.549	0.014		1.052	0.020	T	1.02	0.02	L	8.5912	0.0017	0.015	131		8.56	8.62				1							
20630	6.901	0.004	6.429	0.004		0.457	0.004	T	0.53	0.00	L	6.4791	0.0008	0.007	116		6.47	6.49				1							S
20631	8.316	0.012	8.124	0.013	A	0.184	0.017	T	0.20	0.02	L	8.1783	0.0073	0.012	62	A	8.16	8.20		C	04253+2348	M 2 1 C P B							
20632	11.306	0.109	10.405	0.077	B	0.801	0.099	T	0.83	0.07	L	10.5804	0.0466			B				U 2	04253+2348	M 2 1 C I B							
20633	9.046	0.016	8.306	0.013		0.649	0.011	G	0.71	0.01	H	8.3704	0.0011	0.010	89		8.34	8.39				1							
20634	10.866	0.040	9.074	0.015		1.523	0.035	T	2.04	0.09	O	8.9549	0.0020	0.023	113		8.91	8.99				1							
20635	4.394	0.004	4.225	0.005		0.136	0.004	G	0.16	0.03	C	4.2573	0.0008	0.006	53		4.25	4.27		C	04254+2215	I 2 1							S
20636	9.851	0.019	8.773	0.013		0.933	0.018	T	0.93	0.01	L	8.8312	0.0016	0.016	131		8.80	8.86		C		1							
20637	11.154	0.059	10.025	0.036		0.964	0.055	T	1.01	0.05	L	10.1080	0.0038	0.029	104		10.07	10.16				1							G
20638	8.564	0.011	7.863	0.009		0.629	0.015	G	0.70	0.01	H	7.9266	0.0010	0.013	129		7.90	7.95				1							S
20639	9.990	0.022	9.304	0.019		0.622	0.022	T	0.69	0.02	L	9.3544	0.0018	0.020	129		9.32	9.40				1 G							
20640	9.505	0.017	8.224	0.010		1.090	0.015	T	1.05	0.02	L	8.2667	0.0015	0.016	115		8.24	8.30				1							S
20641	5.571	0.004	5.299	0.005		0.250	0.010	G	0.28	0.01	H	5.3388	0.0008	0.005	56		5.33	5.35		C	04254+2215	I 2 1							S
20642	8.356	0.014	8.164	0.016		0.211	0.015	G	0.23	0.02	H	8.1655	0.0029	0.011	43		8.15	8.18				1							S
20643	8.200	0.016	8.117	0.019		0.082	0.023	T	0.09	0.03	L	8.1591	0.0018	0.012	43		8.13	8.20		C		1							S
20644	11.688	0.152	10.822	0.113		0.774	0.142	T	0.81	0.10	L	10.9137	0.0054	0.035	55		10.85	10.97		C		1							G
20645	8.543	0.011	8.121	0.011		0.412	0.013	T	0.48	0.01	L	8.1719	0.0014	0.012	105		8.15	8.19		C		1							S
20646	10.391	0.044	8.881	0.022		1.270	0.039	T	1.23	0.04	L	8.8849	0.0031	0.015	70		8.85	8.91				1							
20647	7.697	0.006	7.447	0.005		0.234	0.008	T	0.26	0.01	L	7.4956	0.0011	0.011	117		7.48	7.52		C		1							S
20648	4.382	0.003	4.317	0.003	A	0.049	0.007	G	0.08	0.03	C *	4.3212	0.0006	0.004	72	*	4.32	4.33		D	04255+1755	I 1 2 C B	AB	338	1.750	0.017	4.02	0.09	S
20649	10.160	0.029	9.462	0.024		0.631	0.028	T	0.70	0.03	L	9.5589	0.0023	0.024	123		9.52	9.59		C		1							
20650	7.363	0.005	6.984	0.006	*	0.371	0.004	G	0.43	0.00	H *	6.9950	0.0007	0.009	127	*	6.98	7.01		D	04255−5307	I 1 2 C A	AB	103	0.867	0.005	1.86	0.02	S
20651	10.260	0.027	8.387	0.011		1.576	0.025	T	1.59	0.03	L	8.3401	0.0019	0.017	115		8.32	8.38				1							
20652						1.260	0.020	G	1.43	0.03	I	11.1749	0.0089	0.055	68		11.09	11.26		R		1							G
20653	9.105	0.017	8.578	0.016		0.569	0.015	G	0.64	0.01	H	8.6147	0.0017	0.014	81		8.59	8.64		C		1							
20654	9.426	0.015	8.951	0.015		0.460	0.016	T	0.53	0.02	L	9.0435	0.0017	0.017	109		9.02	9.08		C		1							S
20655	9.867	0.020	9.511	0.021		0.337	0.027	T	0.39	0.04	L	9.5498	0.0017	0.018	140		9.52	9.59		C		1							G
20656	9.182	0.013	7.880	0.008		1.107	0.012	T	1.07	0.01	L	7.9297	0.0011	0.013	121		7.90	7.96		D		1							S
20657	9.244	0.014	8.797	0.014		0.435	0.016	T	0.50	0.02	L	8.7913	0.0045	0.159	113		8.75	9.22	2.08	P 1 A		1 S							
20658	9.435	0.024	7.927	0.013		1.268	0.021	T	1.23	0.02	L	7.9259	0.0018	0.010	42		7.91	7.95		C		1							S
20659	9.426	0.017	8.682	0.014	*	0.681	0.017	T	0.74	0.01	L *	8.7134	0.0022	0.015	87	*	8.69	8.74		D	04256+3210	I 1 2 C A	AB	237	0.821	0.013	2.03	0.04	
20660	8.644	0.015	7.157	0.009		1.252	0.014	T	1.21	0.01	L	7.1963	0.0013	0.006	46		7.19	7.20		C		1							S
20661	7.034	0.005	6.500	0.005	*	0.509	0.005	T	0.58	0.01	L *	6.5556	0.0008	0.007	99	*	6.54	6.57		C	04256+1557	I 1 2 C S A	PA	156	0.099	0.012	0.74	0.42	S
20662	10.167	0.027	9.913	0.031		0.238	0.042	T	0.27	0.05	L	9.9812	0.0025	0.026	100		9.92	10.02				1							
20663	9.625	0.021	8.312	0.013		1.115	0.019	T	1.08	0.02	L	8.3399	0.0017	0.012	83		8.32	8.38				1							
20664	8.695	0.011	8.416	0.012		0.265	0.015	T	0.30	0.02	L	8.4684	0.0013	0.009	79		8.45	8.49				1							
20665	10.501	0.029	10.009	0.030		0.474	0.032	T	0.55	0.03	L	10.0541	0.0110	0.081	127		9.95	10.20	0.64	P 1 A		1							P
20666	9.822	0.019	8.654	0.012		1.002	0.018	T	0.98	0.01	L	8.6996	0.0013	0.015	103		8.68	8.73		C		1							S
20667	7.925	0.017	6.863	0.010		0.913	0.015	G	0.91	0.01	H	6.9167	0.0015	0.007	40		6.91	6.93			04257−0124	I 1 1							S
20668	10.269	0.046	9.000	0.026		1.081	0.041	T	1.04	0.03	L	9.0562	0.0020	0.016	40		9.03	9.08		C		1							
20669	9.297	0.016	8.391	0.013		0.804	0.015	T	0.83	0.01	L	8.4507	0.0014	0.013	105		8.43	8.47		C		1							
20670	10.201	0.024	8.419	0.010		1.514	0.021	T	2.63	0.04	O	8.1709	0.0082	0.057	133		8.08	8.25		U 2		1 S							P
20671	8.768	0.019	8.266	0.018		0.495	0.015	G	0.57	0.02	H	8.3404	0.0026	0.011	35		8.32	8.37				1							S
20672	9.380	0.031	8.704	0.027		0.625	0.034	T	0.69	0.03	L	8.7285	0.0023	0.015	38		8.70	8.75				1							
20673	8.018	0.011	7.381	0.011	A	0.200	0.495	G	0.63	0.02	L *	7.3760	0.0012	0.009	48	*	7.37	7.40		D	04257−0214	I 1 2 C A	AB	89	1.215	0.008	1.96	0.03	S
20674	9.953	0.029	9.502	0.029		0.439	0.033	T	0.51	0.04	L	9.5485	0.0023	0.016	86		9.51	9.58		C		1							
20675	8.715	0.011	6.836	0.005		1.561	0.010	T	1.58	0.01	L	6.7791	0.0012	0.011	104		6.76	6.80				1							S
20676	8.836	0.018	7.460	0.010		1.165	0.016	T	1.13	0.01	L	7.5066	0.0017	0.011	43		7.49	7.52		C		1							S
20677	8.648	0.011	7.938	0.009		0.650	0.015	G	0.71	0.01	H	7.9936	0.0012	0.013	112		7.97	8.02				1							S
20678	7.403	0.005	7.559	0.008		−0.136	0.008	T	−0.13	0.01	L	7.5367	0.0015	0.014	112		7.51	7.56				1							S
20679			9.588	0.024	*	0.935	0.005	G	0.98	0.01	I *	9.1564	0.0027	0.017	67	*	9.13	9.19		D	04258+1801	M 1 2 C A	AB	166	0.271	0.007	1.10	0.10	
20680	10.105	0.034	8.608	0.018		1.251	0.003	G	1.21	0.00	H	8.6362	0.0025	0.016	67		8.61	8.66		C		1							
20681	9.995	0.023	8.910	0.015	A	1.100	0.495	G	0.96	0.03	L *	8.9203	0.0020	0.020	103	*	8.89	8.95		C	04258−5014	I 1 2 C D	AB	347	3.660	0.093	4.30	0.36	D
20682	10.142	0.026	8.299	0.011		1.533	0.022	T	1.58	0.05	L	8.2552	0.0016	0.015	113		8.23	8.28		C		1							S
20683	8.430	0.009	8.118	0.010		0.292	0.015	G	0.33	0.02	H	8.1704	0.0018	0.014	117		8.15	8.20				1							
20684	11.073	0.045	9.334	0.018		1.450	0.038	T	1.45	0.06	L	9.3306	0.0026	0.023	152		9.28	9.38				1 X							
20685	10.105	0.023	8.740	0.013		1.156	0.021	T	1.12	0.02	L	8.7847	0.0024	0.022	143		8.74	8.82				1							
20686	8.377	0.013	7.606	0.012	*	0.680	0.600	G	0.74	0.02	A *	7.6627	0.0029	0.017	70	*	7.64	7.69		D	04259+1852	I 1 2 C A	AB	205	0.246	0.006	0.80	0.09	S
20687	8.693	0.013	8.271	0.013	*	0.399	0.017	T	0.46	0.02	L *	8.3849	0.0017	0.018	142	*	8.36	8.43		D	04259+6015	I 1 2 C A	AB	54	5.679	0.004	0.45	0.01	S
20688	10.363	0.029	9.081	0.017		1.091	0.026	T	1.05	0.03	L	9.1560	0.0020	0.015	98		9.12	9.18				1							
20689	9.999	0.021	8.024	0.009		1.638	0.018	T	1.66	0.02	L	7.9473	0.0014	0.014	128		7.93	7.97		C		1							
20690	9.378	0.014	8.646	0.012		0.671	0.015	T	0.73	0.01	L	8.7277	0.0012	0.015	118		8.70	8.75		C		1							
20691	10.232	0.025	8.769	0.013		1.233	0.022	T	1.19	0.02	L	8.7714	0.0018	0.017	112		8.75	8.80		C		1							
20692	7.275	0.008	7.350	0.013		−0.057	0.002	G	−0.04	0.00	H	7.3519	0.0016	0.013	33		7.34	7.38				1							S
20693	7.969	0.012	7.408	0.011		0.509	0.010	G	0.57	0.01	A	7.4711	0.0017	0.011	45		7.45	7.49				1							S
20694	10.938	0.048	8.925	0.016		1.668	0.040	T	1.69	0.04	L	8.8142	0.0021	0.020	106		8.78	8.84		C		1							
20695	9.512	0.016	8.240	0.010		1.083	0.015	T	1.05	0.01	L	8.2689	0.0019	0.017	106		8.24	8.31				1							
20696	10.289	0.027	8.991	0.015		1.104	0.024	T	1.07	0.03	L	9.0472	0.0022	0.017	102		9.02	9.08				1							
20697	8.983	0.011	8.425	0.010		0.519	0.015	G	0.59	0.02	H	8.4850	0.0015	0.014	133		8.45	8.51		C		1							S
20698	8.324	0.014	6.515	0.006	*	1.078	0.218	G	1.51	0.03	M *	6.4418	0.0011	0.008	49	*	6.43	6.46		D	04260+0422	H 1 2 C B	AB	222	0.232	0.040	2.85	0.28	S
20699	10.849	0.051	9.839	0.033		0.870	0.015	G	0.91	0.01	H	9.8767	0.0042	0.025	94		9.83	9.93				1							
20700	10.489	0.065	8.845	0.029		1.375	0.056	T	1.35	0.07	L	8.8303	0.0040	0.013	26		8.82	8.85				1							

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
20701		04 26 04.78	+42 13 10.1	7.64		H	66.519 915 07	+42.219 470 86		2.90	4.26	−10.78	0.78	0.59	0.97	0.81	0.82	+18	+38	−29	+ 6	+40	−21	+12	+64	−41	+49	0	−1.41
20702		04 26 05.40	+66 57 41.1	8.26		H	66.522 491 46	+66.961 412 03		2.25	−3.49	−4.58	0.53	0.67	1.02	0.62	0.82	−23	+18	−23	−25	− 6	+ 1	− 8	−13	+11	+ 8	0	−0.25
20703		04 26 05.98	−62 10 35.4	8.91		H	66.524 935 38	−62.176 500 71		0.88	2.91	−22.47	0.72	0.77	0.80	0.75	0.91	− 3	− 4	−16	−33	+15	+ 4	+13	−17	+ 9	+30	1	−0.59
20704		04 26 06.26	+31 26 21.1	5.29		H	66.526 072 57	+31.439 206 64		13.42	76.70	−121.54	0.71	0.55	0.81	0.88	0.69	+41	+21	−21	+21	+23	−22	+12	+54	−33	+49	0	−0.04
20705		04 26 08.81	+06 03 16.4	9.53		H	66.536 689 11	+06.054 554 90		11.01	30.71	−7.90	1.56	1.10	1.89	1.82	1.29	+22	+42	+14	+ 4	−10	−35	−17	+ 5	−29	+21	0	−0.06
20706		04 26 11.77	−30 19 52.6	8.25		H	66.549 058 39	−30.331 265 98		4.31	−2.09	9.30	0.58	0.77	0.98	0.61	0.88	−10	+ 8	+ 3	+ 9	−12	+21	−13	+ 2	+ 5	−12	1	3.38
20707	H	04 26 12.37	+35 44 22.2	9.20		H	66.551 521 62	+35.739 502 46	A	8.75	11.99	−35.01	3.12	1.76	2.36	2.65	1.75	+39	+ 9	−13	+ 5	+ 8	− 9	− 1	+47	−28	+23	0	−0.14
20708		04 26 13.77	−62 45 13.3	8.54		G	66.557 377 71	−62.753 704 47		2.74	26.62	17.42	0.63	0.74	0.74	0.56	0.79	− 1	+10	−13	−36	+13	+ 0	+15	−22	+17	+18	2	−0.64
20709	H	04 26 14.99	+34 42 57.8	8.28		H	66.562 445 27	+34.716 065 08	*	6.69	90.74	−77.64	1.99	1.64	1.58	1.44	1.20	+21	+20	−10	+ 7	+13	−15	− 4	+49	−33	+39	2	−0.07
20710	H	04 26 17.31	+31 57 33.1	8.63		H	66.572 105 72	+31.959 180 91	*	2.78	−4.14	−11.42	3.02	2.43	1.60	1.54	1.10	+ 6	+ 1	−40	−19	−17	+20	−12	+27	−43	+15	1	−0.90
20711		04 26 18.39	+22 48 49.3	4.28	1	G	66.576 644 84	+22.813 693 94		21.07	108.66	−45.83	0.75	0.56	0.80	0.94	0.82	+45	+20	−13	−10	− 8	+19	−13	+11	+ 6	+65	0	0.95
20712		04 26 18.43	+21 28 13.9	7.36		H	66.576 805 49	+21.470 523 06		21.54	105.82	−36.48	0.93	0.66	0.97	1.24	0.95	+28	+ 9	+10	−12	+33	+25	+40	+34	−23	− 2	0	1.92
20713		04 26 20.67	+15 37 06.0	4.48		H	66.586 132 17	+15.618 346 20		20.86	114.66	−33.30	0.78	0.45	0.84	0.80	0.58	+29	+52	+23	+15	− 4	− 5	− 5	+43	−15	− 1	0	−0.87
20714	H	04 26 20.83	−65 39 02.7	8.37		H	66.586 790 35	−65.650 748 73	A	2.75	−5.76	−6.69	1.39	1.23	1.13	1.21	1.44	−14	+13	− 6	+ 1	− 7	+ 3	− 1	− 2	+27	−24	1	−0.55
20715		04 26 21.10	+08 35 25.0	6.06	1	H	66.587 920 35	+08.590 281 89		5.46	3.43	−5.46	0.85	0.74	1.02	1.36	1.10	+24	+ 8	−31	− 9	−23	+34	−11	−20	+23	+45	0	−0.14
20716		04 26 22.11	−26 16 50.8	8.20		H	66.592 113 74	−26.280 785 06		2.51	14.08	38.91	0.48	0.68	1.02	0.68	0.90	−10	+10	− 5	−15	+ 6	+ 8	+ 3	− 2	−13	+ 3	1	1.01
20717		04 26 22.94	−21 30 27.4	9.34		H	66.595 580 51	−21.507 621 66		−0.16	−9.98	22.11	0.92	0.95	1.42	1.00	1.18	−18	+20	−12	−35	+20	−10	+15	+ 9	− 7	− 4	0	−0.39
20718		04 26 23.76	+08 17 14.7	10.69		H	66.599 010 17	+08.287 418 17		5.30	11.28	−3.01	1.70	1.34	1.85	2.44	1.95	+13	+21	−10	+ 2	+ 2	+11	+ 5	+ 4	+11	+18	0	1.60
20719		04 26 24.54	+16 51 12.1	8.04		G	66.602 270 09	+16.853 364 96		21.76	103.64	−17.58	1.33	0.64	1.46	1.41	1.05	+32	+58	+ 9	− 3	−11	+ 2	−28	+24	−37	+16	0	0.55
20720		04 26 26.04	+54 43 14.2	9.38		H	66.608 499 93	+54.720 604 30		1.33	−1.98	−0.63	1.17	0.99	1.30	1.44	1.26	−20	−12	−14	+66	−23	−13	−26	+76	−22	− 2	1	1.02
20721		04 26 26.05	−20 57 39.2	8.85		H	66.608 536 42	−20.960 876 06		7.20	28.73	−4.38	0.84	0.81	1.37	0.87	1.01	−15	+22	+ 5	−55	+17	− 7	+15	−10	−13	−16	0	−1.29
20722		04 26 26.12	+52 30 18.0	8.05		H	66.608 825 02	+52.504 990 74		21.66	78.66	−89.64	0.88	0.67	1.15	1.26	0.90	−18	+ 3	−28	+ 9	−10	+10	− 5	+51	−30	−26	0	−0.27
*20723		04 26 26.27	−10 33 02.4	7.80		H	66.609 469 03	−10.550 674 42		25.28	80.85	−60.29	0.83	0.64	1.08	0.99	0.86	+25	+40	+ 8	+40	+ 9	− 5	+16	+57	+ 7	−11	2	0.28
*20724		04 26 26.26	+70 05 41.8	9.76		H	66.609 401 10	+70.094 943 25		17.13	122.04	−163.78	0.66	1.20	1.47	0.74	1.41	−22	+ 3	−13	− 1	+ 6	+ 3	+ 9	+ 9	+10	−30	1	0.64
20725		04 26 27.14	−00 30 40.1	7.17	1	H	66.613 085 38	−00.511 137 75		2.93	−13.07	−24.59	1.03	0.92	1.07	1.26	1.25	+50	+29	−23	+36	+49	−28	+32	+60	−32	+67	0	−0.44
20726		04 26 29.96	+47 35 25.7	10.04		H	66.624 842 39	+47.590 484 86		0.32	1.92	−0.76	1.43	0.81	1.80	1.83	1.26	−35	+29	−34	−18	+10	+11	−10	+44	−32	+ 0	0	0.38
20727		04 26 30.50	−32 48 58.8	6.81		H	66.627 069 20	−32.816 321 64		18.89	35.57	9.80	0.44	0.52	0.66	0.49	0.58	− 5	+10	−22	+18	−19	+19	−12	−13	+ 4	+10	0	0.04
20728		04 26 31.03	+29 15 46.1	9.64		H	66.629 293 57	+29.262 791 99		7.45	−13.32	−66.56	1.30	0.89	1.48	1.52	1.18	+32	+12	−22	−19	+ 2	+ 8	− 6	+22	−18	+51	2	0.48
20729		04 26 31.48	+68 02 23.6	8.18	1	H	66.631 147 77	+68.039 892 31		0.36	8.28	−12.35	0.46	0.68	0.95	0.58	0.81	+ 4	+11	+ 4	−13	− 7	+ 8	− 5	− 7	+16	+ 5	0	1.48
20730		04 26 31.89	−23 08 06.3	8.05		H	66.632 879 24	−23.135 090 08		3.82	−3.48	−5.40	0.72	0.70	1.05	0.71	0.80	−19	+38	−29	−42	+16	−13	+11	−10	− 4	− 6	4	1.69
20731		04 26 36.11	+07 05 09.0	10.15		H	66.650 455 94	+07.085 820 69		7.45	−0.38	−7.88	2.27	1.43	2.33	2.17	1.57	−17	+49	−20	+33	−19	−16	−28	+34	−19	+ 3	0	−0.38
20732		04 26 36.38	+14 42 49.9	4.69		H	66.651 569 91	+14.713 857 64		7.17	−7.57	−31.15	0.74	0.42	0.81	0.77	0.56	+24	+46	+15	+ 4	+ 4	+ 4	− 2	+36	−23	+ 3	0	0.27
20733		04 26 36.56	−55 12 35.2	8.39	1	H	66.652 335 04	−55.209 774 94		1.33	15.28	−1.43	0.65	0.72	0.74	0.72	0.82	− 8	+11	+ 4	+ 6	+10	− 6	+11	+ 4	+15	−20	0	0.13
20734		04 26 37.50	+09 23 39.3	8.10		H	66.656 266 21	+09.394 248 92		3.42	9.28	−0.94	1.23	0.93	1.42	1.56	1.43	+33	+42	−25	−35	−41	+19	−38	−42	− 5	+67	0	1.59
20735	H	04 26 37.69	−40 31 45.9	6.70		H	66.657 054 44	−40.529 425 61	A	8.20	0.51	19.70	0.81	0.82	0.88	0.80	0.93	−14	− 6	+22	−19	+ 2	+ 7	− 2	+ 2	− 4	+ 4	0	2.58
20736		04 26 37.93	−27 15 50.0	9.11		H	66.658 035 48	−27.263 896 68		10.19	−9.59	31.60	0.64	0.91	1.24	0.77	1.29	−10	+14	−15	−23	− 2	+ 5	− 6	+ 4	−18	− 3	0	1.19
20737		04 26 38.57	−28 57 06.6	8.78	1	H	66.660 727 27	−28.951 827 55		25.66	39.41	−78.02	0.73	0.88	1.20	0.90	1.26	−16	+ 7	−16	+18	− 7	+ 4	− 7	+12	− 6	−17	0	−0.96
20738		04 26 38.81	−03 46 03.0	8.82		G	66.661 720 22	−03.767 513 68		6.76	−10.53	−21.38	1.10	0.92	1.18	1.49	1.36	+22	+19	−14	+19	+10	− 5	+ 8	+18	− 9	+34	0	−1.33
20739		04 26 38.94	−53 42 15.7	8.29		H	66.662 246 29	−53.704 353 86		10.77	−29.39	50.15	0.62	0.60	0.66	0.74	0.69	− 1	− 9	+ 0	+11	−15	+ 5	−13	+ 1	−13	− 4	0	−0.02
20740		04 26 38.98	+14 13 13.7	9.23		G	66.662 407 73	+14.220 474 86		7.92	−39.05	54.76	1.84	0.95	2.27	1.73	1.50	+36	+57	+ 6	+28	+16	− 5	−11	+53	−52	+14	0	−0.29
20741		04 26 40.05	+16 44 49.1	8.10		G	66.666 891 31	+16.746 966 16		21.42	110.29	−27.82	1.38	0.70	1.54	1.53	1.14	+30	+56	+ 4	− 1	−10	+ 2	−27	+25	−38	+16	0	−0.13
20742		04 26 41.06	−06 24 14.9	7.49		H	66.671 072 41	−06.404 129 43		4.83	21.33	15.79	0.77	0.70	0.92	1.00	1.00	+49	+17	+ 3	+ 1	− 5	+ 0	− 5	− 1	+ 6	+34	0	−0.44
20743		04 26 42.28	−70 22 51.9	8.96		H	66.676 169 98	−70.381 079 94		3.29	5.57	0.69	0.79	0.72	0.77	0.78	0.84	−20	− 9	− 3	−34	+14	+17	+13	+ 2	− 2	− 9	0	−0.10
20744		04 26 42.58	+41 07 23.1	8.06		H	66.677 407 91	+41.123 070 94		6.05	−6.52	−18.35	0.88	0.53	1.01	1.01	0.77	+13	+34	−14	−15	− 8	− 8	−23	+38	−31	+25	0	0.74
20745	H	04 26 42.75	+12 41 11.8	10.50		G	66.678 120 98	+12.686 618 75	A	28.27	123.44	−16.78	6.08	5.12	3.17	3.97	2.55	−24	+17	+ 0	+ 0	− 4	+ 2	− 7	+ 7	−19	− 8	1	1.17
20746		04 26 43.91	+76 09 49.5	9.39		H	66.682 951 98	+76.163 743 24		1.81	24.74	27.18	0.67	0.91	1.09	0.81	1.19	−11	+10	− 2	−13	− 3	+10	− 1	− 3	+ 3	−26	0	0.43
20747		04 26 46.07	−06 52 56.7	7.30		G	66.691 938 28	−06.882 403 62		6.52	−0.31	−6.60	0.68	0.58	0.90	0.87	0.90	+64	+28	+22	+ 0	+ 2	− 8	+ 5	+10	− 3	+37	0	−0.44
20748	H	04 26 46.25	+55 38 37.4	7.33		G	66.692 727 02	+55.643 726 04	A	5.76	−13.70	2.73	1.22	1.03	1.22	1.31	1.11	−35	− 1	− 8	+48	−37	− 9	−37	+68	−15	−26	1	−1.00
20749		04 26 46.60	−14 37 16.1	8.10		H	66.694 146 69	−14.621 133 37		2.65	1.72	−10.24	0.76	0.71	1.27	0.90	1.01	−15	+37	−41	+ 7	+26	+ 1	+ 7	+52	−46	+ 8	0	−1.06
20750		04 26 47.81	+44 15 26.9	10.31		H	66.699 204 41	+44.257 464 81		2.39	−1.18	−3.38	1.61	1.01	1.85	2.02	1.31	+ 5	+25	− 3	+14	−14	−21	−16	+58	−15	+ 3	0	−1.29
20751		04 26 48.19	+10 52 16.0	9.45		G	66.700 800 47	+10.871 109 65		23.03	111.07	−16.26	1.37	1.20	1.66	1.84	1.35	+32	+10	−42	− 6	−31	+15	−25	−27	+ 1	+43	0	2.49
20752		04 26 48.84	−01 43 28.9	8.06		H	66.703 494 35	−01.724 693 28		19.51	−33.47	28.83	0.92	0.76	1.01	1.08	1.03	+21	+29	− 6	+23	+18	+ 1	+15	+31	− 4	+38	0	−0.38
20753		04 26 49.35	+42 54 35.7	7.66		H	66.705 605 62	+42.909 917 31		13.54	134.75	−177.41	0.80	0.51	0.95	0.76	0.67	+ 6	+46	−22	− 8	+23	−11	− 6	+52	−35	+38	0	1.38
20754	H	04 26 49.60	+58 14 26.7	8.13		G	66.706 682 23	+58.240 754 13	*	10.03	−68.50	−58.49	0.69	0.61	1.12	0.79	0.79	+11	+12	− 9	+25	+ 8	+19	+ 2	+41	−34	+21	0	0.97
20755		04 26 50.69	−76 32 04.4	8.75		H	66.711 225 66	−76.534 568 76		5.10	140.98	18.69	0.73	0.74	0.80	0.78	0.94	−19	+22	−20	+15	− 9	−10	− 8	− 1	+24	−29	3	−1.07
20756		04 26 51.12	+17 01 43.5	6.86		H	66.712 984 75	+17.028 759 80		5.77	27.27	−52.56	0.91	0.56	0.95	1.09	0.81	+44	+38	+15	−16	− 9	− 3	−12	+14	−20	+29	0	−0.26
20757		04 26 51.59	−07 35 34.8	9.37		H	66.714 968 75	−07.592 995 26		2.69	0.14	−5.26	0.94	0.78	1.29	1.08	1.09	+59	+26	+15	+35	+32	+12	+38	+53	− 3	+26	0	−1.00
20758		04 26 52.17	−29 20 08.1	9.45		H	66.717 386 84	−29.335 580 66		3.06	42.76	−42.83	0.96	1.08	1.55	1.18	1.47	−18	+ 9	−22	+15	−17	+ 8	−17	+14	+ 0	−13	0	−0.69
20759		04 26 52.41	−22 57 28.9	8.54		H	66.718 364 44	−22.958 040 30		1.36	31.34	−17.96	0.87	0.90	1.27	0.89	1.03	−21	+31	−32	−46	+20	−11	+21	−13	+ 9	−13	4	2.45
20760		04 26 52.55	+52 51 29.4	8.27		H	66.718 955 66	+52.858 158 60		1.26	−3.98	−7.51	0.88	0.64	1.19	1.02	0.76	−22	+17	−29	−12	+10	+15	+ 3	+42	−30	− 6	0	−0.21
20761		04 26 53.16	−18 39 22.3	7.00		G	66.721 506 79	−18.656 188 23		15.05	92.70	15.31	0.58	0.46	0.78	0.59	0.60	−11	+38	− 6	+11	− 6	+ 4	−16	− 3	−21	−22	1	1.77
20762		04 26 54.28	+13 08 17.6	10.48		G	66.726 165 15	+13.138 216 29		21.83	104.54	−18.10	2.00	1.11	2.29	2.23	1.59	+38	+43	+14	− 5	− 2	−25	−11	+28	−38	+25	0	0.09
20763		04 26 54.76	−46 10 17.6	9.21		H	66.728 157 60	−46.171 542 04		2.17	−5.00	6.53	0.81	0.83	0.97	0.88	0.92	+ 5	+ 3	− 8	+ 7	− 2	− 7	− 2	−10	+11	+ 7	1	1.52
20764		04 26 55.61	−02 09 45.0	8.51		H	66.731 716 24	−02.162 512 85		2.43	16.07	−7.59	1.32	1.04	1.33	1.55	1.38	+ 0	+28	− 6	+45	+ 4	+ 4	+ 0	+46	−13	+17	0	−0.82
20765	H	04 26 56.93	−24 04 52.6	6.11		G	66.737 226 42	−24.081 288 40	A	9.00	−6.88	−14.09	0.94	1.18	1.26	0.77	1.04	− 5	+ 9	− 8	− 8	− 6	+ 9	− 6	−22	−11	−15	1	−0.08
20766	H	04 26 57.76	−72 38 01.8	7.71		H	66.740 658 53	−72.633 834 35	A	3.45	−13.05	−5.92	0.96	0.93	0.91	0.95	1.01	−19	+11	−12	+17	+ 7	+16	+11	+16	−11	+16	0	−0.50
20767		04 26 59.77	+33 57 06.3	8.67		H	66.749 045 80	+33.951 747 91		2.01	16.00	−11.86	1.03	0.65	1.12	1.15	0.92	+31	+42	− 1	−13	− 2	− 7	−14	+22	−20	+42	0	0.70
20768		04 26 59.80	+50 41 46.3	9.53		H	66.749 146 36	+50.696 202 05		8.32	25.37	−73.94	1.20	0.83	1.57	1.30	1.08	−15	+29	−27	− 8	+ 7	+11	− 1	+30	−24	+ 3	0	−0.83
20769	H	04 27 00.56	+19 07 04.7	7.69		G	66.752 343 39	+19.117 966 81	A	15.26	95.44	−130.10	1.39	0.95	1.50	2.13	1.50	+40	− 4	− 5	−21	−19	+37	−21	+17	+19	+47	1	0.43
20770		04 27 00.64	+52 00 08.3	7.49		H	66.752 668 19	+52.002 317 65		1.69	11.61	−11.85	0.79	0.58	0.95	1.03	0.75	−26	+15	−18	+26	−18	− 8	−19	+49	−10	−28	0	−0.56
20771		04 27 00.66	+02 04 46.4	6.23		G	66.752 730 55	+02.079 559 80		8.26	73.76	−61.95	0.93	0.95	1.17	1.27	1.42	+16	+27	−46	+37	+26	−12	+ 8	+56	−30	+59	0	−0.44
20772		04 27 00.86	+57 35 07.2	6.28		H	66.753 601 39	+57.585 330 41		4.32	7.47	−16.75	0.51	0.43	0.72	0.51	0.51	+ 8	+28	−13	+19	− 3	+13	−10	+38	−24	+13	3	0.38
20773		04 27 01.54	−28 40 17.2	8.94		H	66.756 407 98	−28.671 433 90		1.14	20.39	3.61	0.75	0.86	1.23	0.86	1.17	− 8	+12	−21	+ 5	+ 2	+ 5	+ 1	+13	−19	− 1	0	−1.05
20774		04 27 01.57	+19 50 36.0	7.46		H	66.756 537 19	+19.843 332 79		2.31	6.45	−10.97	0.86	0.58	0.92	1.01	0.86	+39	+36	+15	− 4	+ 0	− 3	− 8	+25	− 8	+46	2	−0.78
20775		04 27 02.55	+40 17 55.8	8.34		H	66.760 618 32	+40.298 821 49		5.40	47.36	−40.33	1.07	0.57	1.22	1.21	0.78	+16	+11	− 6	−36	+ 3	+34	− 9	+37	−17	+27	0	1.39
*20776		04 27 02.89	+80 49 27.2	5.42		H	66.762 061 07	+80.824 210 18		3.48	12.94	−20.90	0.41	0.43	0.54	0.44	0.52	− 7	+26	+ 5	+ 7	+ 2	+ 3	+ 7	+ 7	+20	− 9	0	1.69
*20777		04 27 02.79	+25 42 22.6	11.96	3	H	66.761 608 28	+25.706 265 82	*	25.72	14.48	−26.38	5.58	3.74	6.36	6.25	4.26	+33	+35	− 7	+ 6	− 4	+27	+ 6	+29	+ 3	+29	5	2.72
*20778		04 27 03.51	+04 16 51.5	9.02		H	66.764 633 50	+04.280 984 31		5.92	−4.96	−10.97	1.26	0.88	1.37	1.27	1.05	+ 7	+53	−19	− 4	−28	− 7	−25	−18	+ 0	+28	0	2.66
*20779		04 27 03.49	+71 46 53.0	7.57	2	H	66.764 529 42	+71.781 398 37		3.41	12.87	−19.35	0.44	0.58	0.79	0.45	0.68	−22	+18	+17	−12	+ 7	+13	+ 4	− 2	− 9	−28	0	0.34
20780		04 27 04.86	+18 12 27.3	6.94		G	66.770 242 75	+18.207 580 48	A	8.04	2.83	−17.77	1.87	1.38	1.53	2.18	1.85	+41	+27	+18	+23	+15	+18	+11	+45	+18	+50	1	1.33
20781		04 27 05.92	−46 56 48.6	6.10		H	66.774 654 26	−46.946 835 71		30.82	66.47	−275.40	0.45	0.45	0.53	0.50	0.49	+ 8	− 4	−13	−17	−13	+17	−10	−30	+10	+20	0	1.74
20782		04 27 05.98	+18 12 37.3	9.57		H	66.774 898 46	+18.210 348 17	B	7.69	−5.93	−33.28	45.01	28.03	17.39	25.67	20.88	+38	+28	+17	+17	+15	+23	+ 7	+42	+15	+50	1	1.33
20783		04 27 06.05	−25 00 35.2	9.30		H	66.775 226 82	−25.009 771 53		1.34	39.10	4.80	0.56	0.89	1.38	0.61	0.96	− 5	+10	+ 7	−23	−18	+ 4	−14	−12	−13	−39	0	1.67
20784		04 27 06.45	−62 47 58.8	6.87		H	66.776 894 43	−62.799 656 49		7.26	−6.50	13.73	0.45	0.53	0.52	0.40	0.56	− 6	+11	−17	−38	+13	+ 4	+17	−30	+19	+12	0	−0.01
20785		04 27 07.38	+20 59 27.6	8.57		H	66.780 763 90	+20.991 009 97		11.09	10.22	−51.36	1.06	0.74	1.11	1.28	1.09	+28	+15	+ 2	− 7	+29	+13	+30	+37	−16	+25	0	0.65
20786		04 27 08.11	−42 38 43.2	8.94		H	66.783 800 22	−42.645 323 80		1.87	9.10	5.26	0.79	0.83	0.97	0.89	1.03	+ 1	+12	− 8	− 4	− 3	+12	− 3	− 8	− 5	+ 2	0	−0.35
20787		04 27 08.50	−08 53 54.7	8.58		H	66.785 414 74	−08.898 541 49		3.64	3.43	−2.00	0.80	0.64	1.09	0.96	0.82	+41	+27	+13	+29	+20	−10	+34	+55	+ 9	− 6	0	−1.87
20788		04 27 17.00	+37 14 44.9	9.26		H	66.820 831 94	+37.245 794 49		3.75	−7.23	−10.23	1.21	0.81	1.33	1.25	1.02	+25	+32	+ 5	+10	+15	− 8	+ 6	+59	−17	+31	0	0.54
20789		04 27 17.45	+22 59 46.9	5.53	1	H	66.822 698 76	+22.996 368 81		7.86	−0.35	−13.25	0.70	0.54	0.75	0.75	0.70	+33	+34	− 5	+18	+26	+ 1	+15	+51	−12	+51	0	0.97
20790		04 27 17.63	−29 11 27.2	9.62		H	66.823 464 75	−29.190 893 97		8.02	72.54	64.65	0.86	1.15	1.52	1.04	1.56	−21	+ 0	−18	− 1	− 6	+ 0	− 8	+22	+ 8	−13	0	−0.65
20791		04 27 18.28	+36 31 13.3	6.76		H	66.826 166 35	+36.520 354 41		7.86	5.43	−28.10	0.79	0.53	0.91	0.75	0.68	+27	+39	−11	− 3	+26	−13	+ 3	+53	−33	+48	0	0.17
20792		04 27 19.79	−49 17 35.1	9.99		H	66.832 454 85	−49.293 095 56		14.37	37.87	−67.57	0.89	0.93	1.06	0.94	0.93	+ 8	+ 9	+ 1	+18	− 9	+15	− 8	−10	−17	+ 9	1	0.56
20793		04 27 20.68	−05 50 38.3	7.74		H	66.836 157 98	−05.843 982 86		7.92	−3.31	−8.12	1.00	0.78	1.11	1.04	1.03	+18	+53	− 5	+17	− 6	− 1	− 5	+14	+ 1	+36	0	−0.31
20794		04 27 22.19	+07 03 45.0	7.58		G	66.842 448 93	+07.062 497 87		15.28	33.45	−3.60	1.04	0.72	1.14	1.16	0.85	+13	+43	− 7	+18	− 6	−22	−14	+19	−20	+22	0	−0.92
20795		04 27 22.51	−40 11 50.2	8.21		G	66.843 772 99	−40.197 280 37		3.39	23.88	34.43	0.63	0.66	0.77	0.72	0.86	−12	+10	− 4	−26	+ 8	−18	+ 3	+13	− 6	+ 3	0	−0.37
20796		04 27 22.80	+48 47 27.2	8.01		H	66.844 988 43	+48.790 901 43		1.53	−10.00	−8.03	0.98	0.65	1.21	1.24	0.98	−29	+38	−45	+31	+ 1	−11	−18	+65	−36	− 4	0	−0.18
20797		04 27 23.86	−08 23 34.7	8.90		H	66.849 423 52	−08.392 969 45		4.17	3.73	1.30	1.06	0.92	1.19	1.13	1.16	+76	+31	+32	+61	+58	+26	+67	+78	+12	+42	0	−0.68
20798		04 27 24.03	−20 22 21.8	8.92		H	66.850 104 91	−20.372 725 78		3.44	57.84	2.21	0.90	0.81	1.23	1.16	1.09	−45	+19	− 5	+24	−35	−13	−34	+40	− 5	−55	1	−1.99
20799		04 27 24.12	−53 24 15.7	8.07		H	66.850 512 50	−53.404 349 19		8.17	12.50	14.47	0.56	0.58	0.63	0.63	0.67	+ 2	− 6	+ 5	+ 2	− 6	− 6	− 5	+ 3	−16	+ 9	0	−0.63
20800		04 27 24.63	+46 51 14.0	6.72		H	66.852 645 73	+46.853 888 68		33.52	82.48	−302.13	0.70	0.50	0.86	0.93	0.77	+ 6	+13	−18	− 2	+24	− 5	+ 8	+57	−19	+32	0	1.55

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
20701	7.901	0.008	7.663	0.007		0.227	0.010	T	0.25	0.01	L	7.7032	0.0009	0.009	112		7.69	7.72		C			1							S
20702	8.453	0.007	8.278	0.008		0.168	0.010	T	0.18	0.01	L	8.3186	0.0014	0.016	181		8.29	8.35		C			1							S
20703	10.569	0.037	9.112	0.018		1.228	0.032	T	1.19	0.03	L	9.0701	0.0019	0.016	97		9.04	9.09		C			1							
20704	6.539	0.004	5.392	0.003		0.986	0.004	T	0.97	0.00	L	5.4506	0.0006	0.005	87		5.44	5.46		C			1							S
20705	10.327	0.051	9.615	0.045		0.642	0.051	T	0.71	0.04	L	9.6602	0.0051	0.017	38		9.63	9.71					1							
20706	9.574	0.016	8.341	0.010		1.053	0.015	T	1.02	0.01	L	8.4162	0.0018	0.018	148		8.38	8.44					1							
20707	9.890	0.027	9.276	0.024	*	0.572	0.031	T	0.64	0.03	L *	9.3198	0.0024	0.016	79	*	9.29	9.35		D	04262+3544	I 1	2 C	A	AB	69	0.525	0.006	0.53	0.03	
20708	9.698	0.021	8.650	0.014		0.940	0.015	G	0.93	0.01	H	8.7018	0.0019	0.014	99		8.67	8.72					1							
20709	8.961	0.014	8.358	0.012	*	0.562	0.016	T	0.64	0.01	L *	8.3977	0.0017	0.013	88	*	8.38	8.42		D	04262+3443	I 1	2 C	A	BA	350	0.208	0.005	0.32	0.13	S
20710	9.169	0.015	8.692	0.015	*	0.449	0.019	T	0.52	0.02	L *	8.7262	0.0019	0.015	87	*	8.69	8.75		C	04263+3158	H 1	2 C	B	AB	149	0.227	0.037	2.85	0.48	
20711	4.616	0.003	4.320	0.002		0.263	0.006	G	0.32	0.03	C	4.3556	0.0014	0.008	55		4.34	4.37		M	04263+2249	I 1	1							S P
20712	8.000	0.013	7.403	0.012		0.557	0.013	T	0.63	0.01	L	7.4759	0.0015	0.008	56		7.46	7.49		C			1							S
20713	4.794	0.002	4.515	0.002		0.262	0.011	G	0.33	0.03	C	4.5524	0.0006	0.006	94		4.54	4.56					1							S P
20714	9.813	0.023	8.499	0.014	*	1.116	0.021	T	1.08	0.02	L *	8.5373	0.0019	0.014	98	*	8.51	8.56		D	04263−6539	I 1	2 C	A	AB	272	0.515	0.005	1.49	0.03	
20715	6.050	0.004	6.066	0.005		−0.010	0.006	T	0.01	0.01	L	6.0670	0.0030	0.015	53		6.05	6.09	1.26	P 1 A			1							S P
20716	9.759	0.014	8.330	0.008		1.206	0.013	T	1.17	0.01	L	8.3642	0.0013	0.016	204		8.33	8.40		C			1							
20717	10.818	0.036	9.445	0.019		1.162	0.032	T	1.12	0.03	L	9.5010	0.0025	0.027	150		9.45	9.55					1							
20718	11.073	0.084	10.758	0.095		0.432	0.107	G	0.50	0.11	R	10.7899	0.0049	0.032	51		10.72	10.83		C			1							G
20719	8.846	0.017	8.112	0.014		0.651	0.004	G	0.71	0.00	H	8.1652	0.0022	0.013	68		8.15	8.19					1							S
20720	9.571	0.016	9.412	0.019		0.153	0.023	T	0.17	0.02	L	9.4304	0.0021	0.021	138		9.40	9.47					1							G
20721	10.007	0.020	8.936	0.014		0.927	0.019	T	0.92	0.01	L	9.0083	0.0019	0.023	163		8.97	9.04					1							
20722	8.847	0.013	8.132	0.011		0.657	0.014	T	0.72	0.01	L	8.1896	0.0016	0.011	98		8.17	8.21		C			1							S
20723	8.717	0.010	7.884	0.008		0.750	0.010	T	0.79	0.01	L	7.9484	0.0013	0.012	117		7.93	7.97		C			1							S
20724	10.782	0.031	9.815	0.022		0.837	0.030	T	0.86	0.02	L	9.9055	0.0029	0.033	235		9.84	9.96					1	S						G
20725	9.298	0.024	7.339	0.010		1.567	0.015	G	1.78	0.05	F	7.2651	0.0044	0.016	42		7.24	7.28		U			1							S
20726	10.601	0.033	10.099	0.033		0.472	0.042	T	0.54	0.04	L	10.1516	0.0020	0.019	122		10.12	10.20					1							G
20727	7.247	0.005	6.852	0.005		0.386	0.006	T	0.45	0.01	L	6.8986	0.0007	0.010	156		6.88	6.92					1							S
20728	10.275	0.036	9.692	0.034		0.546	0.037	T	0.62	0.03	L	9.7558	0.0021	0.018	80		9.72	9.81					1							G
20729	8.304	0.007	8.201	0.008		0.100	0.010	T	0.11	0.01	L	8.2241	0.0022	0.020	183		8.19	8.26		U			1							S
20730	8.175	0.008	8.046	0.010		0.125	0.012	T	0.14	0.01	L	8.0953	0.0016	0.015	124		8.07	8.13					1							S
20731	10.545	0.061	10.161	0.067		0.364	0.084	T	0.43	0.09	L	10.2333	0.0046	0.026	42		10.19	10.28		C			1							G
20732	5.931	0.003	4.798	0.002		0.979	0.004	G	0.96	0.01	G	4.8523	0.0005	0.004	85		4.85	4.86		C			1							S
20733	10.495	0.038	8.588	0.015		1.617	0.034	T	1.98	0.10	O	8.4755	0.0038	0.021	96		8.44	8.52		U			1							
20734	8.218	0.015	8.128	0.018		0.088	0.022	T	0.10	0.02	L	8.1398	0.0024	0.010	41		8.11	8.16		C			1							S
20735	6.691	0.007	6.604	0.009	*	0.078	0.010	T	0.09	0.01	L *	6.7306	0.0032	0.021	117	*	6.70	6.76		R 2	04266−4032	I 1	2 C	A	AB	183	2.868	0.003	1.22	0.02	S
20736	9.872	0.023	9.142	0.020		0.655	0.023	T	0.72	0.02	L	9.2463	0.0022	0.024	178		9.20	9.30					1							
20737	9.847	0.019	8.875	0.014		0.841	0.018	T	0.86	0.01	L	8.9271	0.0027	0.029	150		8.88	8.97		U			1							
20738	9.374	0.024	8.899	0.024		0.466	0.015	G	0.54	0.02	H	8.9379	0.0026	0.013	42		8.92	8.97		C			1							
20739	8.867	0.011	8.346	0.010		0.500	0.015	G	0.57	0.02	H	8.4029	0.0015	0.013	118		8.37	8.43					1							S
20740	9.917	0.026	9.273	0.022		0.527	0.004	G	0.60	0.00	H	9.3558	0.0023	0.015	71		9.33	9.37		C			1							
20741	8.952	0.018	8.172	0.015		0.664	0.008	G	0.72	0.02	A	8.2399	0.0024	0.015	64		8.22	8.26		C			1							
20742	8.642	0.011	7.590	0.008		0.913	0.010	T	0.91	0.01	L	7.6510	0.0015	0.013	87		7.63	7.68		C			1							S
20743	10.276	0.028	9.084	0.017		1.021	0.026	T	0.99	0.02	L	9.1303	0.0017	0.016	111		9.10	9.16		C			1							
20744	8.165	0.009	8.051	0.011		0.111	0.013	T	0.12	0.01	L	8.1002	0.0008	0.008	103		8.08	8.11		D			1							S
20745	12.115	0.206	10.686	0.094	*	1.358	0.002	G	1.59	0.00	I *	10.5767	0.0038	0.024	64	*	10.53	10.63		D	04267+1241	M 1	2 C	A	AS	321	0.316	0.008	0.29	0.13	G
20746	10.655	0.035	9.524	0.022		0.973	0.032	T	0.96	0.03	L	9.5546	0.0020	0.021	148		9.52	9.60		C			1							
20747	7.297	0.005	7.313	0.006		−0.009	0.002	G	0.01	0.00	H	7.3139	0.0007	0.008	125		7.30	7.33		C			1							S
20748	7.911	0.010	7.454	0.010	*	0.420	0.014	G	0.49	0.01	H *	7.4211	0.0011	0.010	128	*	7.40	7.44		D	04268+5539	I 1	2 C	A	AB	320	0.996	0.003	1.07	0.02	S
20749	9.911	0.022	8.241	0.011		1.396	0.019	T	1.37	0.02	L	8.2486	0.0009	0.015	121		8.22	8.28		D			1							
20750	10.800	0.045	10.346	0.049		0.428	0.061	T	0.50	0.07	L	10.4056	0.0023	0.026	108		10.36	10.45		C			1							G
20751	10.776	0.061	9.520	0.032		1.033	0.005	G	1.08	0.01	I	9.5825	0.0031	0.016	48		9.56	9.60		C			1							
20752	8.803	0.019	8.119	0.017		0.629	0.015	G	0.70	0.01	H	8.1922	0.0017	0.012	43		8.17	8.22					1							S
20753	8.430	0.011	7.733	0.010		0.643	0.012	T	0.71	0.01	L	7.7978	0.0010	0.008	114		7.79	7.81		C			1							S
20754	8.749	0.010	8.186	0.010	*	0.559	0.015	G	0.63	0.01	H *	8.2509	0.0013	0.011	119	*	8.23	8.28		D	04268+5814	H 1	2 C	S A	AB	49	0.182	0.022	1.81	0.37	
20755	9.860	0.021	8.842	0.015		0.888	0.019	T	0.89	0.01	L	8.9049	0.0017	0.015	110		8.88	8.94					1							
20756	8.789	0.016	7.012	0.008		1.494	0.015	T	1.52	0.02	L	6.9692	0.0014	0.010	71		6.95	6.98					1							S
20757	9.455	0.012	9.367	0.015		0.086	0.018	T	0.10	0.02	L	9.4082	0.0019	0.018	149		9.38	9.44		C			1							
20758	10.348	0.029	9.549	0.022		0.724	0.028	T	0.78	0.02	L	9.5922	0.0028	0.032	147		9.53	9.64					1	S						
20759	10.075	0.025	8.656	0.014		1.198	0.022	T	1.16	0.02	L	8.7058	0.0021	0.022	131		8.68	8.75					1							
20760	8.468	0.011	8.302	0.013		0.159	0.016	T	0.18	0.02	L	8.3209	0.0017	0.014	106		8.29	8.34					1	S						
20761	7.650	0.006	7.054	0.005		0.551	0.015	G	0.62	0.01	H	7.1204	0.0007	0.009	139		7.10	7.14					1							S
20762	12.065	0.192	10.570	0.079		1.146	0.001	G	1.11	0.00	I	10.6226	0.0037	0.028	72		10.58	10.67		C			1							G
20763	10.260	0.028	9.317	0.020		0.832	0.026	T	0.85	0.02	L	9.3667	0.0023	0.021	105		9.33	9.41					1							
20764	9.850	0.034	8.607	0.020		1.061	0.031	T	1.03	0.03	L	8.6794	0.0022	0.014	49		8.65	8.71		D			1							
20765	6.285	0.003	6.131	0.003	*	0.143	0.004	G	0.16	0.00	H *	6.1569	0.0007	0.007	179	*	6.15	6.17		D	04269−2405	I 1	2 C	A	AB	129	0.483	0.002	0.02	0.01	S
20766	8.958	0.012	7.902	0.009	A	0.800	0.495	G	0.91	0.02	L *	7.8718	0.0013	0.011	103	*	7.85	7.89		D	04270−7238	I 1	2 C	A	AB	139	1.280	0.009	1.88	0.03	S
20767	10.218	0.032	8.838	0.018		1.168	0.029	T	1.13	0.03	L	8.8363	0.0016	0.015	81		8.82	8.87		C			1							
20768	10.141	0.024	9.574	0.022		0.530	0.029	T	0.60	0.03	L	9.6471	0.0029	0.027	113		9.61	9.69					1							G
20769	8.324	0.019	7.708	0.015	*	0.586	0.015	G	0.66	0.01	H *	7.8216	0.0016	0.011	63	*	7.80	7.86		D	04270+1907	I 1	2 C	A	AB	182	6.789	0.007	1.84	0.03	S
20770	9.720	0.021	7.696	0.009		1.677	0.018	T	1.70	0.02	L	7.5908	0.0012	0.011	106		7.56	7.61					1							
20771	7.625	0.011	6.345	0.006		1.087	0.012	G	1.04	0.02	A	6.3973	0.0012	0.007	36		6.39	6.41					1							S
20772	6.343	0.004	6.280	0.004		0.063	0.005	T	0.07	0.01	L	6.3074	0.0006	0.006	126		6.30	6.32			04270+5735	I 1	1							S
20773	10.200	0.024	9.046	0.015		0.991	0.022	T	0.97	0.02	L	9.1020	0.0022	0.024	149		9.06	9.14					1							
20774	7.817	0.011	7.483	0.008		0.317	0.013	T	0.37	0.02	L	7.5360	0.0008	0.005	59		7.53	7.54		D			1							S
20775	9.764	0.021	8.459	0.013		1.130	0.015	G	1.09	0.02	H	8.5044	0.0011	0.010	95		8.48	8.52					1							
20776	6.928	0.004	5.534	0.002		1.179	0.004	T	1.14	0.00	L	5.5849	0.0005	0.005	141		5.58	5.59		C			1							S
20777						1.470	0.510	G	1.60	0.54	K	12.0807	0.0498	0.338	64		11.61	12.59		U 2			1 V							D
20778	9.146	0.023	9.021	0.027		0.121	0.033	T	0.14	0.03	L	9.0626	0.0021	0.012	46		9.03	9.08					1							
20779	7.720	0.005	7.590	0.007		0.126	0.008	T	0.14	0.01	L	7.6156	0.0012	0.013	180		7.60	7.71		U 2 C			1							S
20780	6.967	0.007	6.925	0.008	A	0.021	0.002	G	0.04	0.00	H	6.9551	0.0130	0.027	70	A	6.91	6.99		D	04271+1812	I 2	1 C	P A						S
20781	6.650	0.004	6.161	0.003		0.470	0.006	G	0.54	0.07	F	6.2083	0.0008	0.007	117		6.20	6.22					1							S
20782	10.006	0.048	9.350	0.041	B	0.609	0.053	T	0.68	0.05	L	9.5175	0.1126			B				D	04271+1812	I 2	1 C	I A						
20783	10.446	0.024	9.369	0.015		0.932	0.022	T	0.93	0.02	L	9.4660	0.0017	0.025	269		9.42	9.51					1							
20784	6.869	0.005	6.871	0.006		−0.001	0.007	T	0.02	0.01	L	6.8827	0.0009	0.007	102		6.87	6.90					1							S
20785	9.567	0.025	8.671	0.019		0.797	0.023	T	0.83	0.02	L	8.7199	0.0018	0.014	61		8.70	8.74		C	04271+2059	I 1	1							
20786	10.259	0.025	9.067	0.016		1.021	0.023	T	0.99	0.02	L	9.1054	0.0019	0.016	119		9.07	9.13					1							
20787	8.617	0.009	8.579	0.011		0.040	0.013	T	0.06	0.01	L	8.5981	0.0015	0.014	128		8.57	8.63		C			1							
20788	10.658	0.039	9.391	0.022		1.079	0.035	T	1.04	0.03	L	9.4279	0.0025	0.023	91		9.40	9.47					1							
20789	5.395	0.004	5.505	0.004		−0.098	0.003	G	−0.08	0.00	H	5.4969	0.0013	0.009	65		5.48	5.51		M			1							S
20790	10.165	0.026	9.664	0.026		0.503	0.015	G	0.58	0.02	H	9.7273	0.0026	0.029	154		9.67	9.78					1							
20791	8.146	0.009	6.884	0.006		1.075	0.008	T	1.04	0.01	L	6.9336	0.0006	0.006	89		6.92	6.95					1							S
20792	11.066	0.048	10.056	0.031		0.870	0.045	T	0.88	0.03	L	10.1308	0.0023	0.024	105		10.09	10.17		C			1							
20793	7.825	0.010	7.740	0.012		0.083	0.015	T	0.10	0.02	L	7.7733	0.0018	0.011	46		7.75	7.80		C			1							S
20794	8.033	0.013	7.617	0.013		0.408	0.015	G	0.47	0.02	H	7.6719	0.0017	0.008	47		7.66	7.69					1							S
20795	8.459	0.010	8.228	0.011		0.195	0.004	G	0.21	0.01	H	8.2804	0.0013	0.013	115		8.26	8.30		C			1							S
20796	8.670	0.010	8.072	0.009		0.558	0.012	T	0.63	0.01	L	8.1314	0.0011	0.011	121		8.12	8.15		C			1							
20797	8.928	0.009	8.908	0.011		0.023	0.013	T	0.04	0.01	L	8.9202	0.0015	0.013	162		8.90	8.94		C			1							
20798	9.317	0.015	8.961	0.016		0.346	0.019	T	0.41	0.03	L	8.9987	0.0022	0.019	114		8.96	9.04		C			1							
20799	8.480	0.009	8.096	0.009		0.375	0.011	T	0.44	0.01	L	8.1564	0.0016	0.013	114		8.14	8.19					1							S
20800	7.578	0.006	6.795	0.005		0.711	0.006	T	0.77	0.01	L	6.8647	0.0006	0.007	135		6.85	6.88		C			1							S

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α (ICRS) deg (8)	δ (ICRS) deg (9)	(10)	Par. π mas (11)	μα* mas/yr (12)	μδ mas/yr (13)	σα* mas (14)	σδ mas (15)	σπ mas (16)	σμα* mas/yr (17)	σμδ mas/yr (18)	δ α* (19)	π α* (20)	π δ (21)	μα* α* (22)	μα* δ (23)	μα* π (24)	μδ α* (25)	μδ δ (26)	μδ π (27)	μδ μα* (28)	F1 % (29)	F2 (30)
20801		04 27 26.03	−29 57 38.1	8.57		H	66.858 474 73	−29.960 575 73		1.90	25.24	−2.57	0.64	0.75	1.02	0.73	0.97	−5	+8	−11	+5	−12	+12	−13	−8	+6	−11	1	1.65
20802		04 27 26.56	−29 11 49.0	7.75		H	66.860 681 00	−29.196 931 39		10.05	58.55	120.20	0.57	0.66	0.92	0.67	0.86	−9	+3	−14	+6	−14	+12	−13	+2	+10	−16	0	0.72
20803		04 27 26.75	+50 43 05.4	9.22		H	66.861 462 32	+50.718 157 59		1.14	−1.58	−5.13	1.10	0.74	1.39	1.20	0.96	−5	+31	−22	+7	+6	+6	−2	+38	−15	+17	0	0.34
20804	H	04 27 28.77	+11 12 44.4	5.87		H	66.869 875 18	+11.212 332 08	*	6.70	−2.51	−13.20	0.85	0.59	0.96	1.14	0.84	+27	+26	−31	−22	−16	+7	−19	−6	−8	+51	0	1.96
20805	H	04 27 30.47	−55 54 18.5	9.42		H	66.876 952 37	−55.905 147 05	A	4.17	19.08	31.17	2.31	2.78	2.35	2.61	3.03	−6	+7	+21	+1	+3	+0	+2	+12	−9	−13	2	0.77
*20806	H	04 27 31.86	−17 06 31.2	8.40	2	H	66.882 742 62	−17.108 656 43	A	20.90	76.03	68.79	1.71	1.54	2.04	2.31	1.98	−3	+2	−36	−1	−9	+15	−1	+31	−27	−19	3	1.57
*20807	H	04 27 31.68	−24 27 25.9	8.11		H	66.881 988 63	−24.457 195 31	A	13.05	−36.96	−54.71	0.98	1.46	1.68	0.91	1.26	−5	+6	+8	−18	−5	+9	−8	−32	−13	−43	1	0.89
*20808		04 27 31.67	+07 22 10.5	9.83		H	66.881 948 29	+07.369 590 62		6.00	14.38	−15.63	1.70	1.13	1.84	2.15	1.30	+1	+25	−8	+23	−8	−37	−15	+16	−10	+1	0	−0.40
*20809		04 27 31.69	−08 11 29.6	8.24		H	66.882 046 64	−08.191 567 56		2.10	−7.64	−9.25	0.83	0.71	1.08	0.98	1.00	+64	+8	+3	+40	+43	+2	+58	+70	−15	+23	0	1.04
20810		04 27 32.30	+15 21 55.5	11.05		G	66.884 570 63	+15.365 414 42		8.66	86.29	−25.06	2.39	1.48	2.61	2.92	2.19	+34	+33	+11	+12	+5	−7	−1	+40	−22	+25	8	2.25
20811		04 27 32.60	−40 28 20.8	7.14		H	66.885 815 58	−40.472 441 33		14.99	−26.55	27.79	0.55	0.54	0.64	0.58	0.64	−7	+13	−5	−31	+7	−5	+4	−3	−7	+5	0	0.34
20812		04 27 34.05	+25 03 41.8	8.96		H	66.891 867 37	+25.061 602 32		9.02	3.43	−6.85	1.04	0.79	1.17	1.14	0.91	+29	+19	−27	+16	+20	−16	+13	+44	−14	+38	0	0.29
20813		04 27 35.18	−51 17 45.0	8.22		H	66.896 577 21	−51.295 837 12		3.88	−8.41	−3.47	0.61	0.60	0.67	0.67	0.69	−10	+15	−2	+2	+2	−12	+1	+7	−6	+0	0	−1.15
20814		04 27 35.69	+48 17 51.2	8.71		H	66.898 727 65	+48.297 548 17		−2.34	−1.59	−1.44	1.22	0.73	1.41	1.35	1.06	−50	+34	−33	+33	−22	−14	−41	+66	−32	−21	2	0.05
20815		04 27 35.83	+15 35 21.3	7.41		H	66.899 281 12	+15.589 249 26		21.83	103.54	−25.16	0.94	0.58	1.01	1.10	0.81	+31	+38	+12	+15	+3	−6	+2	+43	−22	+8	2	1.11
20816		04 27 35.96	+06 36 43.2	9.12		G	66.899 848 24	+06.612 009 67		3.87	−11.33	−8.44	2.21	0.98	2.44	1.61	1.25	−17	+79	−19	+3	−20	−20	−53	+16	−53	+11	0	1.73
20817		04 27 38.04	+32 50 53.8	9.24		H	66.908 490 79	+32.848 277 76		4.59	−8.51	1.33	1.40	0.75	1.58	2.24	1.07	+10	−8	−33	−30	−28	+38	−16	+32	−25	−2	0	0.42
20818		04 27 39.13	−33 09 41.2	8.55		H	66.913 022 35	−33.161 440 19		1.77	15.58	14.22	0.66	0.70	0.94	0.75	0.90	−2	+16	−9	+16	−13	+19	−12	−1	−10	+7	0	1.15
20819		04 27 40.64	−32 24 31.3	7.08		H	66.919 322 64	−32.408 691 90		12.76	29.22	20.80	0.44	0.54	0.69	0.48	0.62	−9	+4	−19	+7	−10	+16	−5	−5	+3	+9	0	1.78
20820		04 27 41.83	−19 21 24.6	8.31		H	66.924 273 85	−19.356 823 97		2.06	23.77	8.44	0.67	0.59	0.96	0.71	0.71	−29	+32	−18	+6	−13	−1	−18	+17	−14	−25	0	1.04
20821		04 27 42.10	+56 10 46.0	8.41		H	66.925 431 00	+56.179 456 15		1.36	0.73	−6.32	0.72	0.62	0.97	0.87	0.80	−12	+6	−7	+36	−17	+3	−21	+60	−13	−4	0	−1.08
20822		04 27 42.50	+05 36 54.8	9.94		H	66.927 095 03	+05.615 228 39		8.72	36.53	−4.35	1.62	1.31	1.77	2.18	1.70	+17	+14	−18	+4	−26	+6	−24	−22	+8	+20	3	0.60
20823		04 27 43.02	−67 59 55.0	8.80		H	66.929 233 06	−67.998 614 47		2.71	21.12	54.20	0.65	0.81	0.75	0.72	1.07	+9	+19	−17	+3	+16	+2	+12	+35	−19	+19	3	−0.07
20824		04 27 43.26	+43 11 26.9	7.45		H	66.930 249 99	+43.190 811 62		2.89	−9.97	−7.61	0.82	0.52	0.91	0.82	0.66	+10	+35	−13	+3	+23	−2	+6	+56	−22	+32	4	1.99
*20825		04 27 46.04	−62 31 16.4	5.74		H	66.941 845 98	−62.521 214 28		9.92	−11.73	3.50	0.46	0.50	0.51	0.41	0.53	−5	+7	−17	−39	+10	+8	+13	−33	+16	+11	0	−1.45
*20826		04 27 46.01	+11 44 11.2	7.49		H	66.941 704 43	+11.736 449 54		21.18	110.28	−12.11	0.97	0.58	1.04	1.29	0.92	+32	+21	−11	−10	−8	+20	−11	+14	−8	+38	0	1.09
20827		04 27 46.97	+14 25 04.1	9.48		G	66.945 728 22	+14.417 797 10		17.29	101.43	−20.00	1.85	0.94	2.23	1.91	1.50	+39	+43	+9	+20	+9	−21	−11	+46	−48	+31	0	0.63
20828		04 27 47.25	−18 06 03.4	8.42		H	66.946 871 83	−18.100 939 95		1.99	20.81	0.32	0.88	0.69	1.05	1.01	0.90	−24	+17	+2	+32	−19	+10	−25	+12	−15	−41	0	−1.57
20829	H	04 27 47.50	−11 07 27.7	6.97		H	66.947 922 43	−11.124 352 58	*	3.32	−7.00	10.13	0.79	0.59	1.04	0.99	0.90	+33	+37	−2	+43	+28	−1	+30	+66	−6	+16	0	−0.54
20830		04 27 50.89	+10 01 15.3	8.26		H	66.962 044 62	+10.020 924 49	A	7.67	3.72	−8.31	3.22	2.58	2.55	3.96	3.25	+41	+9	−27	−24	−34	+14	−33	−23	+2	+60	1	0.38
20831		04 27 51.55	+10 00 51.8	10.28		H	66.964 807 95	+10.014 379 53	B	4.76	−32.00	−22.12	29.02	23.32	15.28	25.95	22.09	+50	+16	−17	−39	−47	+9	−45	−45	−5	+67	1	0.38
20832		04 27 51.62	+10 17 29.4	10.50		H	66.965 100 06	+10.291 512 24		3.26	3.69	−6.01	2.35	1.93	2.54	3.37	2.84	+43	+8	−22	−18	−34	+10	−31	−28	+9	+63	0	1.33
20833		04 27 52.48	+49 26 44.0	9.02		H	66.968 673 07	+49.445 555 19		2.30	−5.75	−1.29	1.27	0.96	1.50	2.18	1.59	−24	+19	−36	+43	−20	+15	−18	+72	−40	−35	2	−0.11
20834		04 27 52.69	+24 26 40.2	9.40		G	66.969 552 88	+24.444 510 29		24.05	375.08	114.38	1.34	0.96	1.64	1.70	1.14	+19	+22	−21	+10	+3	−38	−5	+32	−3	+21	0	2.59
20835		04 27 54.75	+43 19 52.1	7.74		G	66.978 114 25	+43.331 136 05		4.17	−1.39	−16.20	0.81	0.55	0.94	0.87	0.72	+13	+34	−26	+7	+27	−11	+6	+62	−29	+40	2	−0.30
20836	H	04 27 55.38	−21 30 14.2	6.75		G	66.980 740 92	−21.503 945 49	A	9.18	−19.31	−48.75	1.27	1.20	1.46	1.01	1.18	−13	+17	−20	−47	+18	−7	+13	−8	−2	+0	3	0.98
20837		04 27 56.39	−13 27 52.3	8.44		G	66.984 969 72	−13.464 515 80		1.69	12.24	0.43	0.78	0.65	1.22	1.29	1.06	+4	+33	+3	+18	+10	+31	+10	+46	−27	−35	0	−0.05
20838		04 27 56.62	−12 00 47.1	8.38		H	66.985 927 56	−12.013 082 48		2.55	−18.33	−5.29	0.85	0.68	1.23	1.01	1.12	+25	+31	−15	+40	+32	−1	+25	+61	−21	+35	0	0.82
20839		04 27 58.09	−17 50 27.6	7.32		H	66.992 054 49	−17.840 992 20		2.13	16.13	−8.81	0.76	0.58	0.84	0.88	0.75	−15	+15	+3	+47	−11	−4	−15	+26	−9	−25	0	−0.95
20840	H	04 27 58.26	+67 08 57.7	8.69		H	66.992 738 65	+67.149 347 75	A	3.86	−15.33	−6.27	8.12	4.78	2.73	1.79	2.15	−25	+21	−13	−32	+4	−1	−1	−14	+12	+11	0	0.84
20841		04 27 59.08	+12 04 04.1	9.61		H	66.996 184 01	+12.067 801 65		4.35	−9.82	−16.17	1.44	0.93	1.49	1.88	1.33	+29	+12	−9	−11	−18	+2	−20	−3	−6	+36	0	0.44
20842		04 28 00.72	+21 37 12.0	5.72		G	67.003 006 62	+21.620 005 58		20.85	98.82	−40.59	0.81	0.59	0.86	0.92	0.80	+33	+31	−8	+22	+29	−4	+22	+56	−17	+36	0	0.37
20843		04 28 00.86	−62 11 59.8	9.04		H	67.003 600 21	−62.199 953 21		1.71	14.46	18.71	0.74	0.77	0.80	0.76	0.95	−3	+2	−18	−36	+9	+3	+9	−24	+18	+28	1	0.50
20844		04 28 02.04	−42 45 14.0	8.48		G	67.008 486 69	−42.753 888 59		6.19	−20.43	6.05	0.69	0.71	0.83	0.76	0.91	−13	+16	−7	−7	−7	+4	−8	−3	+0	−9	1	0.42
20845	H	04 28 02.97	+10 04 19.9	7.46		G	67.012 372 21	+10.072 207 51	A	9.35	−19.60	−19.27	1.75	1.22	1.51	2.11	1.67	+33	+15	−14	−37	−27	−1	−43	−18	−11	+70	1	−0.24
20846		04 28 03.18	−25 59 32.3	8.93		H	67.013 261 61	−25.992 309 50		1.89	5.79	21.03	1.24	1.66	2.40	1.66	2.04	−12	+12	−8	−17	+2	+0	−1	+1	−7	+1	0	
20847		04 28 03.41	−45 30 21.9	8.66		H	67.014 217 77	−45.506 082 99		3.78	−2.65	7.25	0.64	0.70	0.78	0.72	0.78	+6	+4	−8	+12	−6	+18	−2	−5	−2	+17	1	0.50
20848		04 28 03.62	+01 51 30.9	6.14		G	67.015 088 38	+01.858 581 98		9.33	28.61	9.55	0.89	0.94	1.14	1.62	1.88	+34	+9	−45	+26	+11	+12	+11	+25	+7	+79	0	−1.18
20849		04 28 04.02	−12 00 07.6	7.54		H	67.016 738 34	−12.002 119 62		4.77	9.69	3.99	0.68	0.50	0.92	0.78	0.78	+18	+34	−6	+41	+25	−1	+19	+57	−16	+28	0	0.30
20850		04 28 04.37	+13 52 04.7	9.02		G	67.018 216 61	+13.867 984 98		21.29	106.16	−17.59	1.58	0.71	1.91	1.57	1.18	+22	+58	+7	+15	−7	−5	−35	+32	−57	+4	4	2.23
20851		04 28 04.79	+35 01 13.9	8.18		H	67.019 960 92	+35.020 529 47		4.92	4.19	−11.17	1.04	0.62	1.25	0.99	0.86	+17	+41	−14	−1	+15	−20	−13	+43	−41	+45	0	−0.69
20852		04 28 05.34	+08 09 17.4	7.00		G	67.022 231 32	+08.154 820 59		6.60	−1.31	−7.57	0.81	0.62	0.88	1.08	0.76	+4	+19	−19	+13	+6	+5	+4	+18	−13	+2	0	0.38
20853		04 28 06.42	−42 07 44.9	9.00		H	67.026 746 68	−42.129 125 30		2.77	−2.15	−38.07	0.81	0.79	0.96	1.00	1.05	−16	+21	−15	+3	−15	+1	−13	−4	+12	−26	0	−2.50
20854		04 28 07.18	−15 10 49.5	6.69		H	67.029 910 87	−15.180 411 17		14.08	−9.18	33.13	0.62	0.53	0.89	0.82	0.74	−6	+25	−25	+21	+3	+22	+1	+37	−29	−2	0	−0.10
20855		04 28 07.92	+67 40 50.3	8.05		H	67.032 993 91	+67.680 648 41		5.84	29.01	−41.98	0.54	0.67	0.93	0.63	0.79	−11	+14	−10	−21	−2	+10	+0	−12	+20	+15	0	−0.26
20856		04 28 09.48	−41 57 35.4	6.41	2	H	67.039 480 44	−41.959 839 05		3.04	−14.68	2.56	0.50	0.50	0.60	0.59	0.63	−7	+11	−9	+7	−14	+8	−13	−1	+15	−26	0	−0.88
20857		04 28 10.80	−12 15 54.8	8.02		H	67.045 016 57	−12.265 235 95		2.50	3.32	−4.31	0.77	0.59	1.03	0.84	0.88	+18	+38	−8	+42	+26	+6	+21	+62	−15	+25	0	−0.26
20858		04 28 12.09	−26 39 55.4	8.17		H	67.050 382 04	−26.665 386 53		2.78	4.22	−16.87	0.52	0.70	1.03	0.69	0.98	−12	+5	−2	−7	+10	+4	+6	+12	−19	+2	0	−0.26
20859	H	04 28 12.15	+22 19 58.1	8.66		H	67.050 644 34	+22.332 797 94	A	6.92	1.49	−11.03	1.77	1.47	1.49	1.61	1.50	+23	+22	+7	+11	+23	+12	+15	+42	+11	+54	0	0.78
20860	H	04 28 13.30	+83 48 27.9	5.51	2	H	67.055 397 51	+83.807 762 84	A	4.76	−4.23	11.25	0.62	0.67	0.63	0.59	0.66	+6	+10	+26	+0	+5	+1	+5	−1	−7	−16	1	0.93
20861		04 28 13.47	+45 02 44.4	9.23		H	67.056 124 63	+45.045 667 12		7.67	−0.13	9.74	1.39	0.77	1.61	1.41	1.00	+13	+49	−2	−5	−1	−11	−12	+52	−22	+18	0	0.80
20862		04 28 14.57	−22 46 04.6	7.01		H	67.060 706 07	−22.767 957 39		2.86	−2.25	3.25	0.57	0.56	0.84	0.61	0.71	−7	+21	−16	−26	+7	−5	+8	+10	−5	−8	0	2.26
20863		04 28 15.12	−38 49 04.9	8.01		H	67.062 988 69	−38.818 021 54		4.40	−16.35	−10.63	0.56	0.64	0.73	0.58	0.70	−14	−10	+10	−16	+8	+16	+6	−10	−1	−9	0	1.05
20864		04 28 17.91	+27 46 50.5	7.80		H	67.074 612 28	+27.780 694 92		8.14	−11.24	1.00	0.96	0.59	1.04	1.01	0.71	+12	+41	+3	+20	−8	−15	−14	+44	−17	+10	0	0.64
*20865		04 28 20.20	+79 38 43.6	8.99		G	67.084 180 41	+79.645 431 11		7.60	29.38	43.39	0.60	0.70	0.84	0.72	0.86	+3	+8	−2	−8	+0	+11	+3	−21	+16	+18	1	0.37
*20866		04 28 20.18	+24 07 04.3	8.48		H	67.084 079 78	+24.117 860 10		2.05	12.22	−16.62	1.07	0.78	1.23	1.31	1.01	+22	+29	−19	−6	−3	−14	−5	+21	+7	+34	5	0.53
*20867		04 28 21.47	+45 22 51.0	9.63		H	67.089 473 06	+45.380 844 21		0.58	2.12	−4.76	1.52	0.80	1.75	1.54	1.05	+2	+44	−13	−26	−7	−16	−22	+48	−28	+13	0	0.15
*20868		04 28 21.53	−54 02 08.5	8.29		H	67.089 724 42	−54.035 688 15		5.73	11.70	2.08	0.63	0.65	0.69	0.72	0.74	+1	−12	−1	+0	−19	+14	−18	+10	+2	−3	0	0.20
*20869		04 28 21.25	−65 42 43.9	8.25		H	67.088 547 02	−65.712 208 18	A	12.72	24.44	129.59	2.20	2.17	1.77	2.14	2.56	−12	+24	−9	+9	−3	+2	−1	−5	+9	−23	3	−0.78
20870		04 28 22.05	−31 27 21.6	8.34		G	67.091 855 64	−31.455 990 21		7.52	4.97	−37.29	0.53	0.68	0.93	0.58	0.78	−4	+7	−20	+16	−13	+32	−5	−1	+4	+17	0	2.82
20871		04 28 22.29	+03 12 38.2	10.03		H	67.092 881 21	+03.210 617 51		2.39	12.79	−8.76	1.56	1.44	1.73	2.35	2.39	+43	+13	−8	+20	+10	−18	+5	+26	−13	+63	0	−1.53
20872	H	04 28 22.95	+49 13 53.9	8.24		H	67.095 604 94	+49.231 647 75	A	5.60	25.30	−28.61	2.19	1.61	2.03	2.38	1.78	−40	+29	−30	+26	−21	+3	−26	+59	−38	−38	0	0.29
20873		04 28 23.34	+14 44 27.7	5.90		G	67.097 236 20	+14.741 025 99		18.42	109.72	−21.27	1.79	1.10	1.93	2.34	1.63	+21	+19	−12	+7	−8	−10	−13	+27	−24	+19	0	
*20874		04 28 23.38	−06 55 25.0	8.79		H	67.097 433 64	−06.923 619 13		4.22	−18.80	−33.51	0.99	0.95	1.31	1.12	1.13	+51	+27	+8	+38	+42	−4	+49	+65	+9	+29	0	0.56
*20875		04 28 23.34	−65 42 48.1	9.53		H	67.097 254 37	−65.713 351 80	B	3.81	−9.59	9.99	12.60	12.17	6.85	8.14	9.78	−12	+26	−9	+6	−6	+4	−4	−6	+11	−24	3	−0.78
20876		04 28 23.66	+11 39 57.4	7.39		H	67.098 586 47	+11.665 948 98		5.11	−12.42	−16.39	0.90	0.58	0.98	1.24	0.88	+33	+16	−22	−20	−11	+10	−14	+8	−19	+39	0	1.90
20877		04 28 26.37	+16 21 34.7	4.96		H	67.109 854 79	+16.359 629 02		16.78	8.12	17.79	0.86	0.46	1.02	1.07	0.69	+20	+53	+19	+8	+6	+35	−11	+18	−40	−37	0	−0.89
20878		04 28 26.86	+53 26 29.5	9.06		H	67.111 921 83	+53.441 516 65		1.68	−4.97	20.53	0.94	0.63	1.30	1.04	0.79	−16	−1	−21	−16	−2	+17	−1	+30	−31	−13	0	0.20
20879		04 28 27.81	−37 36 46.0	8.01		H	67.115 874 40	−37.612 764 77		12.07	51.61	−116.98	0.59	0.65	0.76	0.72	0.77	−11	−7	−1	−6	−1	−5	+1	+10	−11	−8	1	1.18
20880		04 28 28.15	−17 24 10.7	9.40		H	67.117 299 35	−17.402 959 63		0.93	1.99	−5.52	1.18	1.07	1.48	1.59	1.45	−29	+22	−21	+39	−20	−1	−22	+41	−8	−42	0	0.89
20881		04 28 30.14	+73 41 36.6	8.86		H	67.125 592 05	+73.693 495 12		4.48	16.21	−44.04	0.68	0.94	1.22	0.85	1.30	−22	+15	−22	+1	+2	+3	+4	+12	+11	−9	1	−1.77
20882		04 28 31.29	−07 33 09.7	8.02		H	67.130 386 31	−07.552 681 64		13.55	63.14	124.26	0.72	0.65	1.02	0.86	0.86	+60	+7	−6	+37	+44	−10	+56	+66	−21	+23	0	−0.29
20883		04 28 31.93	+34 11 56.9	8.09		H	67.133 035 92	+34.199 140 89		4.34	4.70	4.99	0.95	0.55	1.05	0.86	0.69	+23	+46	−2	−12	−6	−12	−23	+21	−30	+36	0	0.06
20884		04 28 32.11	+01 22 51.1	5.53		H	67.133 788 78	+01.380 874 16		8.47	17.66	−21.97	0.89	0.94	1.11	1.15	1.29	+22	+25	−45	+39	+35	−18	+13	+66	−40	+56	0	0.47
20885		04 28 34.43	+15 57 44.0	3.84		H	67.143 468 05	+15.962 217 21		20.66	104.76	−15.01	0.82	0.45	0.85	1.07	0.67	+7	+40	+18	−20	+12	+14	+13	+13	−26	−41	0	−1.46
20886		04 28 34.67	+41 48 24.2	8.14		H	67.144 466 02	+41.806 711 35		1.77	2.84	−4.33	0.86	0.58	1.01	0.92	0.78	+12	+36	−30	−9	+13	−6	−10	+46	−25	+47	0	−0.15
20887		04 28 35.03	−29 45 24.7	8.00		H	67.145 948 71	−29.756 857 11		7.18	24.36	15.13	0.55	0.64	0.88	0.64	0.84	−14	+13	−7	+11	−17	+13	−17	+0	+9	−20	0	1.18
20888		04 28 36.49	−32 27 56.7	7.88	2	G	67.152 061 37	−32.465 737 88		8.14	5.22	26.06	0.51	0.60	0.78	0.54	0.70	+0	+12	−14	+8	−8	+16	−5	−4	−2	+14	1	0.33
20889		04 28 36.93	+19 10 49.9	3.53		H	67.153 888 79	+19.180 520 92		21.04	107.23	−36.77	0.69	0.51	0.82	1.02	0.80	+31	+6	−23	+2	−11	+37	−6	+12	+29	+55	0	1.57
20890		04 28 37.15	+19 44 26.8	8.62		G	67.154 802 44	+19.740 782 00		20.09	99.83	−39.82	1.01	0.69	1.11	1.40	1.19	+34	+13	−12	−22	−6	+30	−10	+6	+21	+62	3	−0.21
20891		04 28 37.57	+67 51 06.0	10.25		H	67.156 560 56	+67.851 657 43		13.25	182.25	−195.57	0.81	1.38	1.79	1.07	1.68	−4	+4	−15	−16	−2	+10	+1	−27	+27	+8	0	1.47
20892		04 28 39.01	−19 27 31.0	5.95		H	67.162 560 11	−19.458 598 08		10.09	37.76	−113.46	0.47	0.42	0.67	0.51	0.52	−17	+29	−13	+14	−7	−1	−12	+16	−15	−20	0	0.43
20893		04 28 39.19	−11 57 30.6	7.63		H	67.163 274 82	−11.958 508 71		5.23	3.61	5.68	0.71	0.56	0.96	0.83	0.86	+24	+31	−8	+42	+31	+0	+27	+65	−15	+29	1	3.05
20894		04 28 39.67	+15 52 15.4	3.40	1	G	67.165 312 19	+15.870 946 80		21.89	108.66	−26.39	0.77	0.45	0.83	1.03	0.66	+10	+37	+19	−14	+10	+18	+10	+15	−28	−38	0	−2.00
20895	H	04 28 39.78	+26 13 12.6	10.92		G	67.165 753 46	+26.220 166 60	*	25.00	73.83	−36.86	8.83	6.96	3.24	3.77	2.16	+64	+4	−8	+0	−12	+35	−7	+10	−1	+6	0	−0.09
*20896		04 28 42.27	+79 42 07.2	7.76	2	G	67.176 104 32	+79.702 004 08		10.14	−52.90	−30.57	0.48	0.56	0.67	0.51	0.65	+3	+21	−2	−6	−1	+11	+4	−20	+14	+17	0	0.72
*20897		04 28 42.17	+20 40 38.8	7.74		H	67.175 709 06	+20.677 453 27		3.81	4.69	−6.99	0.94	0.62	1.01	1.09	0.94	+37	+29	+7	−14	+14	+14	+7	+22	−11	+45	3	1.55
20898		04 28 47.06	+14 49 10.3	7.98		H	67.196 090 54	+14.819 519 18		4.67	−6.54	−0.39	0.97	0.64	1.08	1.14	0.83	+30	+28	−11	+24	+20	−25	+9	+49	−33	+27	0	0.01
20899		04 28 48.23	+17 17 07.9	7.83		H	67.200 966 32	+17.285 537 19		21.09	105.58	−30.05	1.02	0.62	1.08	1.19	0.92	+31	+40	+11	−5	−14	−13	−22	+15	−15	+36	0	0.67
20900		04 28 49.32	−23 33 29.2	12.02		G	67.205 497 24	−23.558 117 26		14.40	13.16	−297.92	2.13	2.00	3.02	2.48	2.60	−17	+21	−13	−26	+6	−4	+5	+16	−13	−18	0	1.42

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
20801	10.220	0.025	8.710	0.012		1.270	0.022	T	1.23	0.02	L	8.7261	0.0012	0.017	155		8.69	8.76					1							
20802	8.689	0.010	7.815	0.008		0.752	0.015	G	0.80	0.01	H	7.8876	0.0013	0.015	154		7.86	7.92					1 S							S
20803	9.725	0.018	9.244	0.018		0.453	0.023	T	0.52	0.02	L	9.3223	0.0021	0.022	111		9.28	9.36					1							
20804	5.922	0.004	5.874	0.004	*	0.049	0.006	T	0.06	0.01	L *	5.8946	0.0006	0.005	56	*	5.89	5.90		D	04275+1113	I 1	2 C S B	AB	136	0.150	0.072	1.86	0.39	S
20805	9.833	0.025	9.302	0.024	*	0.506	0.026	T	0.58	0.03	L *	9.5269	0.0021	0.023	104	*	9.47	9.58		D	04275−5554	I 1	2 C A	AB	140	6.494	0.007	0.36	0.03	
20806	9.292	0.017	8.513	0.014	A	1.000	0.495	G	0.75	0.03	L *	8.5390	0.0036	0.071	103	*	8.50	8.85		U 2	04275−1707	I 1	2 C A	AB	318	2.034	0.023	2.65	0.10	
20807	8.811	0.007	8.209	0.006	*	0.560	0.007	T	0.63	0.01	L *	8.2299	0.0013	0.020	262	*	8.20	8.27		D	04275−2427	I 1	2 C A	AB	305	0.521	0.003	0.85	0.01	S
20808	10.547	0.071	9.940	0.061		0.566	0.082	T	0.64	0.08	L	9.9540	0.0042	0.022	48		9.91	9.99		C			1							
20809	9.664	0.013	8.383	0.008		1.090	0.012	T	1.05	0.01	L	8.4082	0.0010	0.010	165		8.39	8.43		C			1							
20810	13.010	0.891	11.344	0.305		0.808	0.002	G	0.85	0.00	H	11.2241	0.0035	0.034	80		11.17	11.27					1							G
20811	7.846	0.007	7.202	0.006		0.591	0.007	T	0.66	0.01	L	7.2705	0.0009	0.008	114		7.26	7.29		C			1							S
20812	9.582	0.025	9.031	0.024		0.516	0.031	T	0.59	0.03	L	9.0759	0.0016	0.011	65		9.06	9.10					1							
20813	9.529	0.016	8.348	0.011		1.012	0.015	T	0.99	0.01	L	8.3867	0.0012	0.014	126		8.36	8.41		C			1							
20814	9.333	0.013	8.768	0.012		0.529	0.016	T	0.60	0.02	L	8.8283	0.0014	0.013	128		8.80	8.85					1							
20815	8.067	0.012	7.463	0.009		0.537	0.015	G	0.60	0.02	A	7.5281	0.0015	0.011	83		7.51	7.54					1							S
20816	9.410	0.027	9.150	0.030		0.240	0.004	G	0.27	0.01	H	9.1977	0.0035	0.018	41		9.17	9.22		C			1							
20817	9.609	0.023	9.266	0.025		0.325	0.032	T	0.38	0.04	L	9.3214	0.0019	0.014	77		9.30	9.36		C			1							
20818	9.914	0.023	8.657	0.014		1.071	0.021	T	1.04	0.02	L	8.7211	0.0017	0.018	130		8.69	8.76		C			1							
20819	7.621	0.006	7.125	0.005		0.466	0.007	T	0.54	0.01	L	7.1860	0.0011	0.011	161		7.16	7.20					1							S
20820	9.184	0.013	8.395	0.011		0.729	0.015	G	0.78	0.01	H	8.4566	0.0013	0.016	166		8.42	8.49		C			1							
20821	10.623	0.034	8.622	0.012		1.658	0.029	T	1.68	0.03	L	8.5219	0.0012	0.015	129		8.50	8.55		C			1							
20822	10.800	0.073	10.012	0.059		0.715	0.073	T	0.77	0.06	L	10.0848	0.0027	0.019	40		10.06	10.12					1							
20823	9.078	0.014	8.826	0.016		0.236	0.022	T	0.26	0.03	L	8.8655	0.0021	0.018	98		8.84	8.90					1							
20824	8.454	0.010	7.574	0.007		0.785	0.009	T	0.82	0.01	L	7.6037	0.0009	0.012	138		7.58	7.62		D	04277+4311	I 1	1 S							S
20825	7.021	0.005	5.849	0.003		1.005	0.005	G	0.96	0.04	E	5.9026	0.0005	0.005	98		5.89	5.92		C	04278−6231	I 1	1							S
20826	8.192	0.014	7.550	0.009		0.560	0.007	G	0.63	0.01	H	7.6166	0.0016	0.011	69		7.60	7.64					1							S
20827	10.644	0.061	9.617	0.042		0.929	0.005	G	0.97	0.01	I	9.6272	0.0017	0.018	83		9.60	9.66					1							
20828	9.804	0.022	8.552	0.013		1.068	0.020	T	1.03	0.02	L	8.5860	0.0018	0.016	118		8.56	8.62		C			1							
20829	8.258	0.010	7.083	0.006	*	1.008	0.009	T	0.98	0.01	L *	7.1416	0.0009	0.009	143	*	7.13	7.16		D	04278−1107	H 1	2 C S A	AB	19	0.134	0.005	0.38	0.23	S
20830	8.727	0.017	8.258	0.017	A	0.442	0.022	T	0.51	0.02	L	8.3560	0.0170	0.013	43	A	8.33	8.38		D	04278+1001	I 2	1 C P D							S D
20831	10.465	0.061	9.920	0.060	B	0.511	0.077	T	0.58	0.08	L	10.2665	0.0725			B				D	04278+1001	I 2	1 C I D							D
20832	11.047	0.078	10.391	0.070		0.609	0.089	T	0.68	0.08	L	10.6294	0.0076	0.030	48		10.59	10.69					1							G
20833	9.651	0.017	9.048	0.015		0.562	0.020	T	0.64	0.02	L	9.1445	0.0022	0.021	109		9.11	9.19		C			1							
20834	10.597	0.058	9.531	0.037		0.894	0.006	G	0.94	0.01	H	9.5470	0.0020	0.014	48		9.52	9.57		D			1							
20835	7.754	0.006	7.729	0.008		0.030	0.000	G	0.05	0.00	H	7.7518	0.0011	0.011	140		7.73	7.77					1							S
20836	7.194	0.010	6.701	0.009	*	0.505	0.015	G	0.58	0.02	H *	6.8615	0.0008	0.009	147	*	6.85	6.88		D	04279−2130	I 1	2 C A	AB	250	1.780	0.003	0.34	0.01	S
20837	8.319	0.008	8.415	0.011		−0.094	0.004	G	−0.08	0.01	H	8.4179	0.0022	0.018	126		8.39	8.45		C			1							S
20838	9.829	0.017	8.487	0.010		1.138	0.015	T	1.10	0.02	L	8.5523	0.0014	0.014	162		8.52	8.58					1							
20839	9.312	0.015	7.472	0.007		1.530	0.013	T	1.57	0.03	L	7.4347	0.0014	0.012	112		7.41	7.46					1							S
20840	10.709	0.030	8.919	0.013	*						T *	8.8600	0.0017	0.021	163	*	8.82	8.90			04280+6709	H 1	2 C C	AB	285	0.376	0.050	2.90	0.40	
20841	10.350	0.038	9.611	0.030		0.677	0.039	T	0.74	0.03	L	9.7513	0.0034	0.019	76		9.71	9.78		C			1							
20842	6.054	0.006	5.739	0.004		0.270	0.015	G	0.30	0.02	A	5.7887	0.0008	0.004	55		5.78	5.80		C	04280+2137	I 1	1							S
20843	10.617	0.036	9.186	0.019		1.208	0.032	T	1.17	0.03	L	9.2023	0.0016	0.017	102		9.18	9.23					1							
20844	8.898	0.011	8.492	0.012		0.328	0.002	G	0.38	0.00	H	8.5821	0.0019	0.016	121		8.55	8.60					1							S
20845	7.732	0.010	7.495	0.011	*	0.220	0.015	G	0.24	0.02	H *	7.5287	0.0017	0.009	50	*	7.51	7.54		D	04280+1004	I 1	2 C A	AB	225	0.746	0.029	3.02	0.09	S
20846	10.318	0.022	9.023	0.013		1.101	0.020	T	1.06	0.02	L	9.0975	0.0016	0.023	211		9.05	9.14					1 X							
20847	8.873	0.012	8.686	0.013		0.172	0.017	T	0.19	0.02	L	8.7149	0.0014	0.018	116		8.68	8.75		C			1							S
20848	7.445	0.010	6.261	0.005		1.018	0.000	G	1.01	0.04	E	6.3078	0.0009	0.006	36		6.30	6.32					1							S
20849	7.826	0.005	7.554	0.006		0.259	0.007	T	0.29	0.01	L	7.6153	0.0012	0.013	167		7.59	7.64					1							S
20850	10.154	0.031	9.169	0.022		0.839	0.007	G	0.88	0.01	H	9.1735	0.0015	0.014	85		9.15	9.20		D			1							
20851	9.880	0.023	8.340	0.012		1.293	0.020	T	1.25	0.02	L	8.3346	0.0010	0.011	86		8.31	8.36					1							
20852	7.050	0.006	7.024	0.008		0.038	0.002	G	0.05	0.00	H	7.0253	0.0017	0.010	54		7.01	7.05					1							S
20853	10.516	0.033	9.154	0.018		1.154	0.029	T	1.12	0.03	L	9.1634	0.0017	0.021	122		9.12	9.19					1							
20854	7.727	0.007	6.790	0.005		0.827	0.006	T	0.85	0.00	L	6.8460	0.0011	0.009	118		6.83	6.86					1							S
20855	8.469	0.008	8.086	0.008		0.389	0.015	G	0.45	0.02	H	8.1388	0.0012	0.015	154		8.11	8.17					1							S
20856	8.499	0.011	6.596	0.006		1.614	0.010	T	1.85	0.05	O	6.5032	0.0049	0.034	116		6.44	6.56		U 2			1							S
20857	7.977	0.006	8.006	0.008		−0.031	0.002	G	−0.01	0.00	H	8.0147	0.0012	0.014	172		7.99	8.04					1							S
20858	8.442	0.007	8.204	0.008		0.222	0.011	T	0.24	0.01	L	8.2375	0.0015	0.016	163		8.22	8.27		C			1							S
20859	9.224	0.017	8.744	0.017	*	0.452	0.022	T	0.52	0.02	L *	8.7646	0.0012	0.010	69	*	8.75	8.78		D	04282+2220	I 1	2 C A	AB	191	0.443	0.008	1.88	0.04	
20860	5.365	0.004	5.489	0.005	*	−0.106	0.005	T	−0.09	0.01	L *	5.4794	0.0021	0.033	128	*	5.41	5.50		U 2 C	04282+8348	H 1	2 C A	AB	68	0.422	0.010	3.16	0.06	S P
20861	9.729	0.018	9.274	0.019		0.429	0.024	T	0.50	0.03	L	9.3251	0.0022	0.020	109		9.30	9.36					1							
20862	8.445	0.010	7.148	0.006		1.103	0.009	T	1.07	0.01	L	7.1822	0.0013	0.012	133		7.16	7.20		C			1 S							S
20863	9.416	0.015	8.149	0.009		1.079	0.014	T	1.04	0.01	L	8.1769	0.0015	0.015	125		8.15	8.20		C			1							S
20864	8.403	0.014	7.858	0.012		0.510	0.015	G	0.58	0.02	H	7.9153	0.0011	0.008	74		7.89	7.94		C			1							S
20865	9.504	0.017	9.032	0.017		0.501	0.015	G	0.57	0.02	H	9.0996	0.0016	0.016	133		9.08	9.14		C			1							
20866	11.135	0.091	8.794	0.024		1.930	0.076	T	1.96	0.08	L	8.5666	0.0023	0.014	53		8.54	8.59					1							
20867	9.805	0.021	9.657	0.026		0.142	0.031	T	0.16	0.03	L	9.6782	0.0019	0.020	100		9.64	9.71		C			1							G
20868	9.540	0.016	8.406	0.011		0.976	0.015	T	0.96	0.01	L	8.4557	0.0019	0.015	115		8.43	8.48					1							
20869	8.792	0.014	8.297	0.014	A	0.477	0.015	T	0.55	0.02	L	8.3594	0.0165	0.040	101	A	8.32	8.45		D	04284−6543	I 2	1 C P B							S
20870	8.921	0.010	8.382	0.010		0.519	0.015	G	0.59	0.02	H	8.4487	0.0014	0.018	150		8.42	8.48		C			1							S
20871	10.688	0.069	10.209	0.076		0.451	0.094	T	0.52	0.10	L	10.1338	0.0041	0.017	40		10.10	10.17					1							
20872	10.046	0.021	8.398	0.010	*	1.378	0.018	T	1.35	0.02	L *	8.3831	0.0026	0.023	118	*	8.35	8.41		R	04284+4914	H 1	2 C A	AB	314	0.498	0.012	2.14	0.06	
20873	6.293	0.004	5.942	0.004		0.325	0.013	G	0.39	0.02	A	5.9812	0.0007	0.005	80		5.97	5.99		C			1 X							S
20874	10.223	0.027	8.900	0.015		1.123	0.024	T	1.09	0.03	L	8.9561	0.0014	0.016	100		8.92	8.98		D			1							
20875	10.119	0.032	9.627	0.032	B	0.463	0.041	T	0.53	0.04	L	9.6265	0.0501			B				D	04284−6543	I 2	1 C I B							
20876	9.187	0.018	7.537	0.009		1.380	0.016	T	1.35	0.02	L	7.5333	0.0017	0.011	76		7.51	7.55		C			1							S
20877	6.438	0.004	5.092	0.004		1.137	0.002	G	1.12	0.04	E	5.1264	0.0007	0.005	65		5.12	5.13		C			1							S
20878	9.367	0.016	9.075	0.018		0.278	0.023	T	0.32	0.03	L	9.1263	0.0018	0.017	108		9.10	9.15					1							
20879	9.058	0.012	8.106	0.009		0.838	0.011	T	0.86	0.01	L	8.1600	0.0015	0.013	128		8.13	8.19					1 G							S
20880	11.570	0.097	9.625	0.027		1.649	0.083	T	1.75	0.21	K	9.5055	0.0055	0.033	97		9.45	9.57					1							
20881	10.126	0.022	8.964	0.015		0.997	0.021	T	0.98	0.02	L	9.0192	0.0022	0.021	141		8.99	9.07		C			1							
20882	8.613	0.009	8.073	0.009		0.506	0.011	T	0.58	0.01	L	8.1317	0.0010	0.012	138		8.11	8.15		C			1							S
20883	9.773	0.020	8.241	0.010		1.287	0.018	T	1.25	0.02	L	8.2463	0.0011	0.012	98		8.22	8.26					1							S
20884	5.398	0.004	5.517	0.005		−0.099	0.008	G	−0.08	0.01	H	5.5040	0.0009	0.005	43		5.50	5.51		C			1							S
20885	5.054	0.004	3.947	0.003		0.952	0.004	G	1.02	0.14	G	4.0043	0.0006	0.005	67		4.00	4.01			04286+1554	I 2	1							S
20886	9.445	0.021	8.258	0.014		1.017	0.020	T	0.99	0.02	L	8.3037	0.0015	0.016	129		8.28	8.33					1							S
20887	8.426	0.008	8.048	0.009		0.369	0.010	T	0.43	0.01	L	8.0868	0.0010	0.015	151		8.06	8.11			04286−2945	I 1	1							S
20888	8.343	0.009	7.931	0.009		0.407	0.015	G	0.47	0.02	H	7.9774	0.0028	0.030	155		7.91	8.02		U 2			1							S
20889	4.834	0.004	3.647	0.002		1.014	0.006	G	1.04	0.12	G	3.6992	0.0005	0.005	60		3.69	3.71		C	04286+1911	I 1	1							S
20890	9.566	0.026	8.718	0.021		0.741	0.014	G	0.79	0.01	H	8.7550	0.0023	0.014	63		8.74	8.78		C			1							
20891	11.461	0.057	10.317	0.032		0.976	0.052	T	1.02	0.05	L	10.3959	0.0031	0.039	170		10.32	10.46					1 S							G
20892	7.526	0.005	6.081	0.003		1.215	0.000	G	1.12	0.04	E	6.1136	0.0007	0.008	148		6.10	6.13					1							S
20893	8.586	0.008	7.726	0.007		0.754	0.008	T	0.80	0.01	L	7.7718	0.0009	0.011	168		7.75	7.79			04287−1158	I 1	1 S							S
20894	3.648	0.003	3.429	0.003		0.179	0.004	G	0.21	0.03	C	3.4597	0.0015	0.008	64		3.45	3.47		M	04286+1554	I 2	1							S P
20895	12.175	0.227	11.515	0.212	*	1.389	0.006	G	1.64	0.01	I *	11.0712	0.0050	0.033	65	*	11.01	11.12			04287+2613	H 1	2 C B	AB	283	0.216	0.030	0.27	0.61	G
20896	8.339	0.010	7.845	0.008		0.465	0.012	T	0.54	0.01	L	7.8795	0.0010	0.023	137		7.86	8.05	4.17	P 1 A			1							S
20897	7.889	0.009	7.765	0.011		0.120	0.013	T	0.13	0.01	L	7.7786	0.0013	0.009	57		7.76	7.79		C	04287+2041	I 1	1							S
20898	8.322	0.012	8.011	0.012		0.295	0.016	T	0.34	0.02	L	8.0514	0.0015	0.012	76		8.03	8.07		C			1							
20899	8.557	0.013	7.904	0.012		0.609	0.010	G	0.66	0.02	A	7.9584	0.0019	0.014	66		7.93	7.98					1							S
20900						1.010	0.020	G	1.05	0.02	I	12.1482	0.0076	0.065	107		12.02	12.28					1							G

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
20901		04 28 50.10	+13 02 51.5	5.02		H	67.208 754 44	+13.047 639 05		20.33	105.17	−15.08	0.79	0.48	0.84	0.84	0.63	+32	+39	+6	+19	+9	−17	+1	+45	−22	+28	0	−0.02
20902		04 28 50.21	+02 22 18.4	8.01		G	67.209 188 57	+02.371 764 19		13.38	62.07	−53.03	1.16	1.01	1.34	1.96	2.09	+34	−19	−29	+28	+18	−4	+9	+26	+15	+69	0	0.90
20903		04 28 50.57	−14 58 45.6	8.21	2	H	67.210 701 44	−14.979 324 41		1.26	10.88	10.12	0.85	0.76	1.25	1.11	1.05	−3	+33	−29	+16	+5	+14	+0	+44	−29	+0	0	−1.58
20904		04 28 51.98	+30 21 41.5	6.38		H	67.216 569 06	+30.361 541 12	A	18.42	23.05	−20.33	2.07	1.30	1.61	2.62	1.54	+32	+28	−1	−8	−25	−3	−28	+15	−12	+41	13	2.15
20905		04 28 52.03	−46 51 10.7	9.47		H	67.216 777 12	−46.852 983 58		2.96	23.12	30.46	0.81	0.79	0.92	0.93	0.89	+6	+1	−8	−18	−17	+15	−15	−22	+1	+15	0	0.62
20906		04 28 52.41	+59 23 10.4	10.26		H	67.218 371 43	+59.386 221 06		0.68	3.68	−1.23	1.19	1.03	1.74	1.37	1.27	−15	+25	−34	+29	−7	+6	−15	+43	−34	+10	2	0.36
20907		04 28 52.64	+30 21 53.6	8.21		H	67.219 337 86	+30.364 881 63	B	21.46	14.18	−21.63	19.60	11.58	7.51	11.24	7.29	+34	+22	−5	−19	−33	−3	−35	+2	−12	+36	13	2.15
20908		04 28 52.68	+52 23 21.9	7.80		H	67.219 511 93	+52.389 412 64		0.51	−0.39	−3.66	0.81	0.59	1.03	1.09	0.76	−25	+15	−25	+1	−9	+10	−7	+50	−26	−30	2	−0.32
20909	H	04 28 54.13	−25 11 41.5	7.58		H	67.225 522 04	−25.194 870 50	A	3.06	16.66	−1.88	0.73	0.97	1.31	0.77	1.05	−3	+5	+5	−15	−10	−6	−10	−17	−13	−15	2	1.00
20910		04 28 54.34	+55 00 01.9	7.67		G	67.226 399 48	+55.000 528 69		11.40	−33.25	−20.95	0.80	0.61	0.92	0.99	0.78	−5	−9	−11	+60	−10	−25	−13	+68	−28	+14	0	0.38
20911	H	04 28 54.37	−49 36 06.4	7.48		H	67.226 547 73	−49.601 770 16	A	5.22	20.37	−30.56	1.41	1.34	1.27	1.13	1.03	−2	−1	+2	+2	+5	+16	+7	−23	−8	+7	1	1.34
20912		04 28 54.49	−10 01 16.3	8.74		H	67.227 059 81	−10.021 184 10		3.07	−12.41	−0.56	0.75	0.59	1.04	1.12	0.93	+23	+18	+10	+22	+10	+6	+21	+50	−10	−20	1	−0.27
20913		04 28 54.75	−11 03 28.3	7.71		H	67.228 122 94	−11.057 855 65		13.35	43.17	−62.44	0.76	0.48	1.09	0.91	0.78	+15	+44	−12	+27	+19	−3	+11	+48	−20	+14	0	0.37
20914		04 28 56.32	−64 33 56.9	8.08	2	H	67.234 668 04	−64.565 803 33		2.27	32.10	18.92	0.57	0.65	0.66	0.57	0.82	+0	+4	−12	−24	+4	+19	+7	−5	+12	+12	0	−1.12
20915		04 28 58.84	−13 39 40.4	8.65		H	67.245 182 59	−13.661 229 40		6.50	11.66	−40.11	0.84	0.69	1.32	1.55	1.24	−6	+15	−13	+23	+1	+22	+1	+45	−46	−41	2	−0.38
20916	H	04 28 59.72	+16 09 33.0	6.59		G	67.248 822 18	+16.159 153 91	A	20.58	90.28	−25.47	2.58	1.25	1.74	2.12	1.38	+40	+5	−20	−5	+5	+20	+9	+36	−39	−18	11	−0.57
20917		04 29 00.17	+21 55 20.2	8.30		H	67.250 691 46	+21.922 275 14		87.17	−65.14	175.55	1.01	0.79	1.05	1.14	1.08	+38	+31	−8	+22	+41	−5	+28	+58	−14	+61	3	1.29
20918	H	04 29 01.38	+71 39 49.8	8.45	1	H	67.255 743 79	+71.663 822 20	A	1.47	7.95	−19.84	0.77	1.09	1.27	0.81	1.25	−21	+8	+8	−8	+6	+14	+3	−7	−8	−20	3	0.20
20919		04 29 02.03	+42 42 56.6	7.36		H	67.258 461 28	+42.715 718 12		6.69	−30.34	−18.23	0.81	0.52	0.94	0.75	0.67	+9	+47	−25	+0	+32	−11	+0	+60	−28	+51	0	−1.28
20920		04 29 04.44	−69 36 44.0	8.20		H	67.268 481 16	−69.612 217 92		11.80	−4.37	3.76	0.59	0.66	0.65	0.63	0.87	−10	+13	−20	−9	+5	−6	+7	+13	+1	−16	0	−2.23
20921	H	04 29 05.37	+69 16 13.9	9.04		H	67.272 392 18	+69.270 537 19	A	3.75	−3.22	0.12	1.44	1.95	1.88	0.93	1.63	−46	+12	+3	−2	+13	+10	+14	−6	+3	−28	1	−0.21
20922		04 29 06.93	−13 02 54.1	5.61	2	H	67.278 855 35	−13.048 367 25		2.07	0.30	−0.95	0.57	0.42	0.82	0.68	0.62	+7	+33	−6	+31	+19	+14	+12	+41	−31	−7	0	0.76
20923		04 29 07.98	−46 32 01.0	8.77		G	67.283 267 93	−46.533 614 29		2.12	−1.46	−10.67	0.72	0.71	0.83	0.79	0.81	−3	+1	−8	−11	−14	+16	−14	−18	+11	+1	0	0.20
20924		04 29 08.42	−51 08 19.5	9.18		H	67.285 076 38	−51.138 756 32		13.69	−86.67	−14.94	0.70	0.78	0.82	0.77	0.90	−4	+4	+1	+6	+8	−16	+8	+9	−4	+11	1	1.06
20925		04 29 11.44	−40 58 58.6	9.32		H	67.297 674 08	−40.982 934 47		9.17	−55.85	−105.15	0.78	0.86	0.95	0.85	0.99	−11	−3	−6	−33	+2	+11	+3	−15	+5	−10	1	0.97
20926		04 29 12.32	+35 15 57.0	7.39		H	67.301 320 32	+35.265 828 07		6.34	15.70	−18.52	0.93	0.56	1.04	1.04	0.75	+16	+26	−6	+15	+3	−31	−14	+52	−33	+36	0	0.64
20927		04 29 13.30	−54 24 25.2	9.03		H	67.305 426 48	−54.406 993 87		3.23	39.48	39.14	0.80	0.78	0.85	0.96	0.85	+6	−17	−13	−2	−18	+10	−15	−1	−2	−6	2	−0.55
20928		04 29 14.52	+75 20 01.5	9.50		H	67.310 519 04	+75.333 746 20		4.61	15.33	−13.94	0.67	0.88	1.12	0.75	1.06	−11	+18	−9	+7	+4	+1	+7	+6	+16	−8	0	0.54
20929		04 29 16.34	−42 11 54.2	8.42		G	67.318 097 34	−42.198 376 77		4.70	8.14	34.49	0.65	0.67	0.79	0.81	0.94	−9	+12	−5	+9	−15	−8	−16	+0	+13	−20	0	1.81
20930		04 29 16.65	−84 48 18.4	8.41	2	H	67.319 378 18	−84.805 108 07		1.91	9.07	−4.40	0.58	0.71	0.71	0.67	0.88	−11	+12	−15	−9	−2	+3	−1	+16	−3	−12	0	−1.32
20931		04 29 17.63	−57 11 15.9	7.98		H	67.323 438 99	−57.187 745 97		3.80	−20.55	−10.22	0.65	0.57	0.65	0.76	0.62	−9	+15	−15	−5	−7	−1	−8	−2	−7	−17	0	1.07
20932		04 29 19.16	−05 40 49.7	8.78		G	67.329 848 37	−05.680 474 60		10.59	25.49	−187.79	1.50	0.92	1.85	1.24	1.19	−20	+74	−33	+14	−14	+16	−3	+6	+6	+17	0	1.50
20933		04 29 19.83	+27 24 15.5	6.53		H	67.332 611 27	+27.404 293 87		8.44	11.09	−29.04	0.77	0.54	0.84	0.89	0.68	+36	+36	+7	+12	+1	−15	−2	+39	−16	+28	0	−0.68
20934		04 29 20.04	−46 30 55.3	6.13		G	67.333 510 38	−46.515 359 31		8.32	51.93	36.72	0.45	0.45	0.52	0.48	0.48	−1	+8	−7	−1	−10	+10	−9	−10	+0	+3	0	1.94
20935		04 29 20.49	+17 32 42.0	7.02		H	67.335 370 74	+17.545 011 89	+	23.25	104.88	−31.65	1.05	0.75	1.04	1.08	0.85	+36	+14	+18	+2	+4	−10	−31	+0	−2	+35	0	0.80
20936		04 29 20.69	+05 47 40.7	10.28		H	67.336 188 72	+05.794 648 75		7.55	−20.24	−18.23	1.90	1.38	2.05	2.36	1.69	−13	+35	−27	+19	−16	+3	−12	+8	+7	+1	0	−0.32
20937		04 29 21.35	−21 25 45.7	8.78		H	67.338 949 35	−21.429 355 80		8.63	18.45	42.31	0.82	0.88	1.30	0.86	1.16	−19	+22	−25	−47	+32	−18	+25	+14	−2	−1	0	0.48
20938		04 29 22.33	+58 27 55.9	9.40		H	67.343 027 35	+58.465 517 40		0.51	−4.06	−9.14	0.98	0.84	1.46	1.04	1.03	−10	+32	−24	+27	−2	+12	−12	+47	−31	+6	0	−0.12
20939		04 29 22.60	−14 03 12.8	7.80		H	67.344 161 33	−14.053 558 73		12.36	28.73	3.63	0.69	0.58	1.13	1.01	0.91	+5	−6	−21	−6	+14	+32	+23	+38	−52	−17	0	0.23
20940		04 29 22.71	−20 27 56.2	9.18		H	67.344 621 22	−20.465 598 14		0.74	2.37	4.60	0.96	0.98	1.46	1.41	1.31	−23	+1	+28	+11	−29	−7	−21	+26	+1	−59	0	0.63
20941		04 29 23.65	+09 32 09.3	10.56		H	67.348 524 04	+09.535 930 02		6.32	7.73	−22.33	1.90	1.08	2.05	2.43	1.65	+9	+22	−10	+11	−11	+12	−17	+28	−18	+15	0	1.57
20942		04 29 24.03	−04 12 22.5	8.68		H	67.350 116 77	−04.206 257 74		3.80	5.90	−2.78	1.08	0.99	1.18	1.17	1.21	+19	+32	−24	+45	+18	+6	+17	+47	−5	+41	0	−0.39
20943	H	04 29 24.79	−33 34 34.3	10.07	2	H	67.353 287 20	−33.576 203 87	A	2.05	8.31	0.60	1.99	2.34	2.61	2.06	2.49	−8	+9	−4	+12	−10	+3	−9	+0	−6	−1	7	1.74
20944		04 29 26.21	−02 24 50.1	7.86		H	67.359 208 70	−02.413 906 21		3.61	10.68	−80.97	1.10	0.87	1.17	1.25	1.19	+15	+33	+0	+36	−4	+2	−6	+28	−4	+33	0	−1.49
20945		04 29 26.45	−42 32 53.7	8.74		H	67.360 198 62	−42.548 247 54		4.08	9.85	13.95	0.76	0.71	0.89	0.87	0.88	−6	+29	−15	+11	−6	+0	−6	−3	−1	−5	0	0.55
20946		04 29 27.56	−35 17 13.8	9.13		H	67.364 839 09	−35.287 175 46		6.10	−13.60	19.38	0.64	0.81	0.97	0.68	0.99	+5	+4	−17	+11	+10	−6	+5	+28	−29	+23	0	−0.46
20947		04 29 27.96	+43 41 23.7	9.15		H	67.366 509 19	+43.689 928 95		−0.12	−3.75	−4.37	1.35	0.86	1.40	1.69	1.10	−10	+25	−2	+39	−18	−27	−22	+71	−13	−9	2	2.47
20948		04 29 30.29	+17 51 47.7	6.90		H	67.376 190 58	+17.863 242 56		21.59	105.72	−32.56	1.03	0.68	1.09	1.21	0.95	+38	+31	+8	+2	−11	−21	−18	+20	−11	+48	0	−0.28
20949		04 29 30.71	+26 40 18.0	9.19		H	67.377 965 82	+26.671 666 48		17.08	81.85	−49.43	1.09	0.78	1.18	1.36	0.99	+31	+15	−8	+8	+2	+7	+7	+35	+3	+22	0	0.43
20950		04 29 31.22	+50 36 35.5	8.64		H	67.380 102 93	+50.609 857 95		1.75	−0.52	−1.91	0.90	0.64	1.10	1.10	0.91	−4	+14	−17	+4	+24	+3	+8	+52	−16	+31	2	−0.38
20951		04 29 31.54	+17 53 35.7	8.95		G	67.381 418 03	+17.893 263 07		24.19	107.00	−33.31	1.59	1.02	1.76	1.98	1.46	+35	+23	−2	+3	−4	−20	−14	+26	−22	+46	0	0.63
20952		04 29 32.58	+13 53 41.1	7.72		G	67.385 752 63	+13.894 746 52		7.68	176.16	−15.25	1.11	0.56	1.27	1.13	0.82	+29	+50	+4	−3	−6	−14	−26	+23	−43	+26	0	1.17
20953		04 29 32.61	−26 16 33.4	6.78		H	67.385 885 35	−26.275 933 95		3.62	33.49	29.08	0.42	0.55	0.80	0.58	0.74	−7	+11	−22	−22	+9	+3	+4	+2	−15	+13	0	−1.95
20954		04 29 32.89	−65 22 39.4	8.05		H	67.387 059 99	−65.377 611 82		4.24	15.45	20.12	0.65	0.67	0.70	0.72	0.81	−20	+19	−19	+6	−18	+24	−15	+7	+1	−26	0	−1.06
20955		04 29 34.00	−28 23 07.5	8.53		H	67.391 656 21	−28.385 413 74		5.29	4.63	−1.05	0.69	0.89	1.14	0.77	1.08	−20	+22	−26	−18	+1	+9	+2	+3	−2	−7	0	−0.78
20956	H	04 29 35.59	+03 50 19.1	10.20		H	67.398 273 07	+03.838 648 88	A	2.45	47.66	−40.57	3.70	2.80	4.52	4.10	4.04	−23	+48	−28	−21	+19	−32	−30	+37	−34	+50	0	−0.37
20957		04 29 36.82	+80 55 54.1	7.16		H	67.403 421 20	+80.931 703 85		8.12	−10.77	13.94	0.46	0.48	0.59	0.52	0.59	−9	+27	+5	+10	+4	+3	+8	+4	+13	−11	0	2.15
20958		04 29 38.93	+05 09 51.5	6.93	2	H	67.412 209 70	+05.164 308 47		4.27	17.36	−16.62	0.86	0.66	0.95	1.09	0.84	+10	+19	−13	+8	−13	+7	−11	−1	+7	+14	3	0.82
20959		04 29 40.47	−66 44 04.0	10.02		H	67.418 611 85	−66.734 434 43		6.42	−8.95	−25.05	0.90	0.99	0.99	1.12	1.32	+4	+6	−3	−3	+7	+14	+1	+27	−6	+26	0	−0.73
20960	H	04 29 40.70	+12 10 33.1	8.33		G	67.419 576 92	+12.175 856 70	A	7.07	5.81	−36.56	3.68	5.19	1.76	2.57	2.17	+63	+5	−12	+13	+27	−1	+18	+44	−8	+67	1	−0.18
20961		04 29 40.87	−48 22 20.6	8.77	2	H	67.420 304 07	−48.372 379 18		1.36	20.87	24.89	0.76	0.68	0.83	0.90	0.75	−3	+3	−8	−21	−10	+3	−11	−9	−5	+11	0	−0.37
20962		04 29 41.54	+38 47 49.8	8.65	2	H	67.423 096 41	+38.797 173 91		−2.40	19.41	−20.88	1.49	0.91	1.69	1.41	1.33	+42	+50	−14	+6	+43	−12	+17	+75	−39	+54	6	1.36
20963		04 29 42.86	+10 31 18.7	6.77	1	H	67.428 565 75	+10.521 854 58		4.71	0.04	2.06	1.01	0.52	1.02	1.26	0.89	+42	+40	+9	−28	−23	−9	−36	+3	−23	+51	0	−0.74
20964		04 29 43.06	+27 16 37.8	8.74		H	67.429 436 74	+27.277 157 66		13.88	6.35	−47.37	1.05	0.76	1.14	1.33	0.98	+29	+23	−9	+6	−9	−4	−9	+25	+2	+36	0	−1.16
20965		04 29 43.45	−29 01 46.9	7.73		H	67.431 042 46	−29.029 701 62	A	2.18	−32.44	−31.12	1.42	1.91	1.89	1.44	2.00	−15	+1	+0	+6	−16	+16	−16	−1	+9	−11	3	0.79
20966		04 29 43.57	−04 35 50.0	8.05		H	67.431 556 72	−04.597 223 93		3.51	−8.00	−4.56	1.04	0.89	1.09	1.19	1.18	+19	+19	−19	+47	+4	+5	+5	+27	+5	+38	0	0.74
20967		04 29 43.93	−48 32 17.9	11.29		H	67.433 030 66	−48.538 317 25		8.11	241.29	−304.55	1.28	1.22	1.49	1.52	1.31	+3	+4	−4	−6	−2	−5	−2	−8	−8	+20	2	−2.18
20968		04 29 44.91	−29 01 34.9	11.42		H	67.437 131 16	−29.026 366 95	B	120.70	−58.31	−283.12	67.52	86.47	56.47	44.96	61.11	−17	−3	−8	+4	−11	+15	−10	−9	+3	−12	3	0.79
20969		04 29 45.46	−00 55 11.5	9.64		G	67.439 417 95	−00.919 864 88		5.65	−2.15	−3.49	1.47	1.27	1.57	1.98	1.86	+25	+31	−16	+33	+26	+13	+25	+44	+0	+46	0	0.75
20970		04 29 45.94	−45 05 03.1	9.10		H	67.441 419 35	−45.084 207 80		9.20	15.35	18.44	0.76	0.84	0.95	0.94	1.00	+1	+1	−20	+1	−17	+17	−14	+7	−10	+1	0	−0.81
20971	H	04 29 48.12	+17 40 39.4	7.73		G	67.450 503 66	+17.677 617 52	*	4.85	4.02	−8.74	1.02	0.63	1.08	1.17	0.92	+28	+37	+8	+0	−15	−16	−24	+18	−10	+43	0	−0.73
20972		04 29 48.35	−39 24 59.7	8.20		H	67.451 439 36	−39.416 582 41		2.37	7.16	−1.18	0.65	0.72	0.83	0.70	0.88	−12	+5	+13	−18	+7	−5	+7	−6	−8	−6	1	−0.20
20973		04 29 50.10	−52 59 06.3	8.08		G	67.458 738 20	−52.985 094 41		7.86	−5.00	−63.68	0.61	0.61	0.67	0.65	0.68	−1	−5	−2	−5	+4	−8	+2	+5	−4	+16	0	−1.46
20974		04 29 51.92	+69 22 42.2	6.63	1	H	67.466 315 61	+69.378 397 66		2.67	13.33	−35.12	0.31	0.51	0.69	0.32	0.56	−23	+14	−3	−7	+11	+10	+11	−6	−6	−20	0	0.18
20975		04 29 55.78	+46 26 20.5	8.36		H	67.482 402 97	+46.439 037 76		5.31	10.61	−14.26	0.93	0.72	1.10	1.23	1.02	+17	+4	−17	+5	+16	+4	+13	+62	−18	+23	0	1.30
20976		04 29 56.24	−58 55 28.5	9.32		H	67.484 346 20	−58.924 594 42		0.54	5.08	5.29	0.85	0.77	0.86	1.04	0.98	−2	+19	−7	+16	+10	−10	+11	+3	−5	+13	0	1.17
*20977		04 29 57.62	−33 32 43.5	8.58	2	H	67.490 074 32	−33.545 416 89		2.13	25.53	−3.49	0.67	0.71	0.94	0.75	0.77	−15	+4	−18	+21	−16	+13	−12	+1	−11	−7	0	1.03
*20978		04 29 57.66	+16 40 22.5	9.08		H	67.490 262 05	+16.672 909 21		24.71	105.04	−28.33	1.19	0.71	1.27	1.30	0.91	+9	+38	+9	+14	−12	−17	−16	+30	−13	+7	7	2.28
*20979		04 29 57.61	−28 52 46.7	7.71	2	G	67.490 035 18	−28.879 651 52		5.37	10.99	6.74	0.51	0.69	0.90	0.56	0.83	−18	+0	−11	+2	−8	+13	−7	−6	+3	−13	0	1.60
20980		04 29 58.48	+62 42 23.6	7.75		H	67.493 670 45	+62.706 558 54		7.46	29.73	−32.16	0.55	0.65	0.87	0.74	0.79	+2	+1	−9	+11	+12	−20	+9	+50	−6	+5	0	−0.91
20981		04 29 58.64	−72 16 31.9	8.37		G	67.494 317 16	−72.275 518 73		12.48	4.37	10.09	0.71	0.71	0.75	0.89	0.84	+2	+8	−14	−7	+17	−7	+12	+28	−20	+11	0	−0.71
20982		04 30 00.60	+83 20 24.5	5.47		H	67.502 494 74	+83.340 131 44		10.74	−46.72	101.95	0.41	0.46	0.54	0.48	0.53	+4	+13	+15	−3	+16	+21	+13	−11	−10	+11	0	1.50
20983		04 30 00.74	+39 50 11.3	9.00		H	67.503 066 26	+39.836 461 81		0.93	−11.19	−0.91	1.46	0.80	1.92	1.67	1.18	+25	+12	−29	−22	+3	+28	+0	+60	−45	+20	0	−0.18
20984		04 30 02.10	−03 03 45.8	8.98		G	67.508 731 59	−03.062 735 89		12.08	205.79	−133.28	1.31	1.06	1.53	1.79	1.57	+12	+12	−23	+9	+13	+13	+13	+42	−40	+3	0	−0.98
20985		04 30 02.30	+10 15 44.7	6.47		H	67.509 603 22	+10.262 404 93		8.92	−25.03	−78.44	0.76	0.47	0.81	1.00	0.72	+20	+14	−7	+12	+1	+9	−2	+38	−8	+23	0	−1.32
20986		04 30 03.03	+08 11 32.2	9.72		H	67.512 617 70	+08.192 270 92		4.12	−2.99	−1.05	1.44	0.89	1.68	1.58	1.24	+21	+33	−10	−1	+3	−1	−10	+25	−37	+21	0	0.00
20987		04 30 03.38	−30 16 06.6	9.00		H	67.514 092 70	−30.268 496 97		−0.49	0.75	1.56	0.75	0.91	1.23	0.81	1.14	−1	+1	−17	+18	−17	+14	−17	−10	+6	−1	0	0.46
20988		04 30 03.71	+32 30 42.0	7.67		G	67.515 475 81	+32.511 674 97		9.00	−13.96	6.87	0.94	0.60	1.13	1.31	0.88	+23	+5	−20	+8	+4	−7	+6	+51	−43	+9	4	−0.17
20989		04 30 03.75	+29 02 28.6	8.69		H	67.515 636 45	+29.041 272 29		7.13	−6.76	−31.92	1.10	0.77	1.18	1.10	0.98	+39	+40	+1	+10	+33	−1	+17	+53	−16	+56	0	1.12
20990		04 30 03.99	+18 13 49.6	11.03	3	H	67.516 605 72	+18.230 452 25	*	−6.68	8.59	−27.42	4.06	2.25	4.04	5.08	3.78	+19	+29	−10	−14	−11	−19	−23	+15	−28	+51	0	3.17
20991		04 30 04.89	+66 08 31.8	8.11		H	67.520 392 45	+66.142 172 29		4.79	11.28	−37.67	0.59	0.71	1.01	0.63	0.84	+0	+21	−10	−14	−1	−3	+0	+6	+16	+11	0	0.22
20992		04 30 06.91	−08 03 10.3	9.76	2	H	67.528 778 98	−08.052 858 12		−0.65	−1.06	4.13	1.28	1.03	1.74	1.36	1.35	+38	+30	+9	+29	+34	+7	+38	+60	−8	+21	0	0.57
20993		04 30 07.92	+45 57 02.1	8.28	2	H	67.533 011 15	+45.950 584 75		−0.26	−0.45	−5.60	1.04	0.70	1.27	1.43	0.93	+9	+11	+12	+1	−26	−29	−17	+44	−8	−9	0	−1.28
20994		04 30 07.99	+20 52 35.6	9.73	2	H	67.533 286 81	+20.876 563 60		9.16	23.79	14.40	1.72	0.98	1.75	2.88	1.84	+30	+0	−1	−43	−19	+29	−33	+7	+11	+53	0	0.33
20995	H	04 30 08.53	+15 38 16.4	5.58		G	67.535 553 51	+15.637 898 64	A	22.93	107.59	−23.92	1.19	0.65	1.25	1.27	0.89	+33	+49	+8	−16	+15	−1	−3	+20	−53	−9	7	0.07
20996		04 30 09.03	+57 04 05.4	8.62		H	67.537 627 42	+57.068 179 17		1.87	0.67	−6.98	0.72	0.64	1.06	0.80	0.82	−12	+32	−7	+26	−18	+9	−23	+42	−15	−9	0	1.93
20997		04 30 09.99	−13 35 32.5	6.22		G	67.541 636 91	−13.592 373 69		7.54	17.90	0.60	0.60	0.47	0.88	1.05	0.80	−5	+12	−12	+13	+5	+24	+8	+39	−41	−37	0	−0.90
20998		04 30 10.89	−67 52 42.9	7.68		G	67.545 372 55	−67.878 572 86		19.33	212.57	421.22	0.53	0.62	0.59	0.63	0.80	+12	+13	−10	+7	+14	−5	+11	+29	−8	+22	0	−1.68
20999		04 30 10.92	−38 01 45.9	9.50		H	67.545 485 27	−38.029 423 59		10.77	51.95	67.57	0.83	0.96	1.10	1.07	1.19	−5	−4	+17	−16	−9	+3	−9	−13	−7	+3	0	0.02
21000	T	04 30 12.52	+05 17 54.7	9.83		H	67.552 165 85	+05.298 526 69		84.76	106.90	119.86	4.33	3.68	4.74	5.51	5.18	−47	−9	+45	+26	−21	−5	−20	+39	+56	−16	20	2.67

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
20901	5.289	0.003	5.043	0.002		0.215	0.003	G	0.22	0.03	C	5.0849	0.0006	0.005	101		5.08	5.09		C			1							S
20902	8.522	0.015	8.066	0.015		0.473	0.015	G	0.54	0.02	H	8.1102	0.0019	0.010	33		8.09	8.13					1							S
20903	10.351	0.032	8.439	0.012		1.621	0.028	T	2.39	0.06	O	8.2477	0.0038	0.039	116		8.19	8.30		U 2			1							
20904	7.013	0.006	6.429	0.005	A	0.547	0.006	T	0.62	0.01	L	6.4961	0.0116	0.046	81	A	6.46	6.60		D	04289+3021	I 2	1 C P A							S
20905	10.919	0.052	9.601	0.027		1.119	0.046	T	1.08	0.05	L	9.6338	0.0024	0.020	116		9.59	9.67		C			1							
20906	10.588	0.038	10.317	0.047		0.258	0.057	T	0.29	0.07	L	10.3358	0.0041	0.031	103		10.28	10.38					1							G
20907	8.719	0.016	8.215	0.016	B	0.750	0.020	G	0.13	0.05	M	8.3239	0.0499			B				D	04289+3021	I 2	1 C I A							S
20908	7.916	0.009	7.808	0.008		0.105	0.011	T	0.12	0.01	L	7.8401	0.0011	0.012	108		7.82	7.86		C			1							S
20909	8.811	0.011	7.696	0.007	*	0.961	0.010	T	0.95	0.01	L *	7.7420	0.0011	0.014	232	*	7.72	7.78		D	04289−2512	I 1	2 C A	AC	352	7.074	0.005	1.68	0.02	S
20910	8.320	0.008	7.735	0.007		0.561	0.015	G	0.63	0.01	H	7.7915	0.0009	0.011	148		7.77	7.81		C			1							S
20911	8.346	0.011	7.496	0.009	*	0.762	0.011	T	0.80	0.01	L *	7.6255	0.0014	0.015	125	*	7.61	7.66		D	04289−4936	I 1	2 C A	AB	122	5.598	0.003	0.50	0.01	S
20912	8.818	0.009	8.727	0.011		0.089	0.013	T	0.10	0.01	L	8.7746	0.0016	0.021	158		8.74	8.81					1							
20913	8.312	0.008	7.766	0.008		0.512	0.010	T	0.58	0.01	L	7.8246	0.0011	0.014	160		7.80	7.85					1							S
20914	10.111	0.025	8.278	0.011		1.556	0.023	T	1.98	0.07	O	8.1666	0.0029	0.019	101		8.13	8.21		U 2			1							
20915	9.284	0.014	8.707	0.013		0.542	0.014	T	0.62	0.01	L	8.7725	0.0019	0.018	122		8.74	8.80		C			1							
20916	7.236	0.007	6.640	0.007	*	0.536	0.011	G	0.59	0.03	C *	6.6909	0.0016	0.008	60	*	6.68	6.70		D	04290+1610	I 1	2 C A	AB	258	0.406	0.005	0.70	0.04	S
20917	10.117	0.032	8.496	0.015		1.363	0.029	T	1.33	0.03	L	8.4228	0.0019	0.011	65		8.40	8.44		C			1							
20918	8.848	0.009	8.503	0.009	A	0.500	0.495	G	0.32	0.04	L *	8.5284	0.0017	0.019	182	*	8.50	8.57		U	04290+7140	I 1	2 C D	AB	203	4.873	0.053	3.88	0.18	S D
20919	7.909	0.007	7.414	0.006		0.466	0.008	T	0.54	0.01	L	7.4670	0.0008	0.008	127		7.45	7.49		C			1							S
20920	8.691	0.011	8.244	0.011		0.435	0.012	T	0.50	0.01	L	8.3014	0.0011	0.012	113		8.29	8.33					1							S
20921	10.484	0.026	9.177	0.014	*	1.111	0.023	T	1.07	0.02	L *	9.2057	0.0018	0.023	239	*	9.17	9.25		D	04291+6916	H 1	2 C A	AB	312	0.463	0.025	2.59	0.11	
20922	5.336	0.003	5.569	0.004		−0.202	0.004	T	−0.21	0.01	L	5.5352	0.0027	0.026	133		5.48	5.56		U 2			1							S
20923	10.160	0.026	8.860	0.015		1.117	0.005	G	1.08	0.01	H	8.9256	0.0014	0.018	119		8.89	8.96					1							
20924	10.021	0.022	9.204	0.018		0.721	0.022	T	0.77	0.02	L	9.3163	0.0018	0.018	118		9.28	9.34					1							
20925	10.209	0.025	9.407	0.019		0.712	0.005	G	0.77	0.00	H	9.4595	0.0018	0.017	121		9.43	9.49		C			1							
20926	7.923	0.010	7.418	0.008		0.475	0.012	T	0.55	0.01	L	7.4920	0.0013	0.010	87		7.47	7.51					1							S
20927	10.472	0.029	9.168	0.017		1.108	0.026	T	1.07	0.03	L	9.1959	0.0017	0.017	107		9.16	9.22		C			1							
20928	9.716	0.017	9.502	0.020		0.204	0.025	T	0.22	0.03	L	9.5615	0.0027	0.026	160		9.52	9.61		C			1							
20929	8.686	0.011	8.442	0.012		0.224	0.002	G	0.25	0.00	H	8.4924	0.0018	0.016	115		8.47	8.52					1							S
20930	10.461	0.031	8.708	0.013		1.490	0.028	T	3.15	0.06	O	8.2744	0.0192	0.168	120		8.12	8.58		U 2			1 S							
20931	9.549	0.017	8.112	0.009		1.212	0.015	T	1.17	0.01	L	8.1395	0.0012	0.014	121		8.11	8.17		D			1							S
20932	9.484	0.030	8.845	0.026		0.580	0.002	G	0.65	0.00	H	8.9034	0.0017	0.011	35		8.88	8.93					1							
20933	6.517	0.005	6.544	0.004		−0.016	0.011	G	0.06	0.03	C	6.5532	0.0007	0.007	70		6.54	6.56		C			1							S
20934	7.497	0.005	6.242	0.004		1.062	0.003	G	1.01	0.04	E	6.2999	0.0007	0.007	124		6.29	6.31					1							S
20935	7.614	0.009	7.058	0.008		0.526	0.009	T	0.60	0.01	L	7.1320	0.0011	0.009	74		7.12	7.14					1 O							S
20936	10.731	0.076	10.263	0.078		0.441	0.100	T	0.51	0.11	L	10.3802	0.0075	0.026	42		10.32	10.42					1 S							G
20937	9.390	0.014	8.831	0.013		0.528	0.014	T	0.60	0.01	L	8.8996	0.0018	0.024	162		8.86	8.95					1							S
20938	9.634	0.019	9.416	0.022		0.208	0.027	T	0.23	0.03	L	9.4699	0.0023	0.023	111		9.43	9.51		C			1							G
20939	8.285	0.009	7.840	0.010		0.434	0.011	T	0.50	0.01	L	7.8938	0.0012	0.014	121		7.88	7.92					1							S
20940	10.544	0.034	9.291	0.020		1.068	0.031	T	1.03	0.03	L	9.3430	0.0032	0.028	117		9.30	9.39					1 S							
20941	11.718	0.130	10.667	0.076		0.912	0.114	T	0.91	0.08	L	10.7206	0.0041	0.032	70		10.66	10.77		C			1							G
20942	8.709	0.015	8.687	0.019		0.025	0.022	T	0.04	0.02	L	8.6979	0.0025	0.014	50		8.67	8.72		C			1							S
20943	10.666	0.039	10.259	0.043	A						T *	10.1425	0.0151	0.131	149	*	10.03	10.48	0.63	P 1 A	04294−3335	I 1	2 C A	AB	117	9.958	0.020	1.93	0.14	P
20944	9.290	0.026	7.972	0.016		1.119	0.024	T	1.08	0.03	L	8.0280	0.0027	0.015	46		7.99	8.06					1							
20945	9.974	0.021	8.838	0.014		0.977	0.020	T	0.96	0.02	L	8.9094	0.0019	0.015	109		8.88	8.94		C			1							
20946	9.747	0.019	9.216	0.019		0.506	0.020	T	0.58	0.02	L	9.2448	0.0023	0.020	135		9.21	9.29					1							
20947	10.281	0.024	9.259	0.017		0.891	0.022	T	0.90	0.02	L	9.3107	0.0020	0.019	117		9.28	9.34		C			1							
20948	7.445	0.008	6.947	0.008		0.451	0.002	G	0.54	0.02	A	7.0050	0.0016	0.009	68		6.99	7.03			04295+1752	I 2	1							S
20949	10.108	0.030	9.268	0.025		0.766	0.002	G	0.81	0.00	H	9.3250	0.0021	0.019	72		9.29	9.35		C			1							
20950	10.724	0.035	8.846	0.013		1.560	0.030	T	1.58	0.03	L	8.7625	0.0017	0.019	121		8.73	8.80					1							
20951	9.984	0.034	9.059	0.026		0.831	0.003	G	0.86	0.02	A	9.0821	0.0028	0.016	61		9.05	9.11		C	04295+1752	I 2	1							
20952	9.272	0.022	7.869	0.013		1.216	0.003	G	1.36	0.01	I	7.8610	0.0012	0.012	81		7.85	7.88		C			1							S
20953	8.387	0.008	6.920	0.004		1.236	0.007	T	1.19	0.01	L	6.9469	0.0008	0.011	185		6.93	6.97					1							S
20954	8.119	0.009	8.062	0.010		0.051	0.012	T	0.06	0.01	L	8.0745	0.0018	0.012	100		8.06	8.10					1							S
20955	10.084	0.021	8.677	0.012		1.189	0.019	T	1.15	0.02	L	8.6958	0.0024	0.024	153		8.65	8.74					1							
20956	11.321	0.127	10.287	0.081	A	0.758	0.126	G	1.07	0.07	B *	10.3658	0.0043	0.024	40	*	10.33	10.41		R	04296+0350	I 1	2 C A	AB	320	5.936	0.023	1.86	0.16	G
20957	7.314	0.005	7.185	0.006		0.125	0.007	T	0.14	0.01	L	7.2116	0.0008	0.009	137		7.20	7.23					1							S
20958	9.229	0.026	7.179	0.011		1.740	0.015	G	2.56	0.13	G	6.9395	0.0103	0.053	41		6.87	7.07		U 2 C			1 S							S
20959	10.645	0.037	10.042	0.035		0.562	0.045	T	0.64	0.04	L	10.1380	0.0028	0.024	98		10.10	10.19		C			1							
20960	8.961	0.014	8.402	0.013	*	0.576	0.004	G	0.65	0.00	H *	8.4333	0.0010	0.009	100	*	8.41	8.46		D	04297+1211	H 1	2 C B	AB	225	0.319	0.061	3.23	0.57	S
20961	10.726	0.042	8.952	0.017		1.508	0.037	T	1.88	0.12	O	8.8613	0.0046	0.033	97		8.81	8.91		U 2			1							P
20962	11.190	0.058	8.871	0.014		1.957	0.049	T	2.85	0.07	O	8.6121	0.0029	0.021	106		8.58	8.65		U 2			1							
20963	6.879	0.005	6.784	0.006		0.086	0.007	T	0.10	0.01	L	6.8070	0.0019	0.012	79		6.79	6.83	1.48	P 1 A			1							S
20964	9.338	0.018	8.791	0.017		0.490	0.015	G	0.56	0.02	H	8.8500	0.0014	0.014	71		8.83	8.89					1							
20965	9.393	0.019	7.873	0.011	A	1.278	0.017	T	1.24	0.02	L	7.8896	0.0283	0.016	147	A	7.86	7.92		D	04297−2902	I 2	1 C P C							S
20966	9.386	0.020	8.170	0.013		1.039	0.019	T	1.01	0.02	L	8.2153	0.0018	0.010	53		8.19	8.23		C			1							
20967	12.028	0.160	11.198	0.120		1.088	0.015	G	0.10	0.23	S	11.3295	0.0065	0.062	90		11.25	11.42		R			1							G
20968	11.599	0.093	10.898	0.075	B	0.646	0.097	T	0.71	0.09	L	10.8869	0.3448			B				D	04297−2902	I 2	1 C I C							
20969	9.758	0.032	9.589	0.040		0.098	0.002	G	0.11	0.00	H	9.6863	0.0038	0.025	47		9.65	9.73					1							
20970	9.765	0.026	9.150	0.024		0.570	0.026	T	0.64	0.02	L	9.2253	0.0022	0.019	111		9.19	9.26					1							
20971	7.972	0.011	7.779	0.011	*	0.240	0.015	G	0.27	0.02	H *	7.7971	0.0014	0.010	68	*	7.78	7.82		C	04298+1741	I 1	2 C S A	BA	195	0.133	0.017	1.28	0.58	S
20972	9.782	0.019	8.336	0.010		1.219	0.017	T	1.18	0.02	L	8.3599	0.0016	0.019	126		8.33	8.39		C			1							
20973	8.629	0.011	8.157	0.010		0.486	0.001	G	0.56	0.00	H	8.1864	0.0015	0.013	100		8.16	8.21					1							S
20974	8.838	0.007	6.827	0.003		1.666	0.006	T	1.69	0.01	L	6.7390	0.0011	0.015	255		6.71	6.76		U 2			1							S
20975	8.667	0.011	8.389	0.012		0.264	0.015	T	0.30	0.02	L	8.4318	0.0018	0.013	105		8.40	8.46		C			1							S
20976	10.860	0.046	9.492	0.023		1.158	0.040	T	1.12	0.04	L	9.4849	0.0021	0.024	106		9.45	9.53					1							
20977	10.590	0.031	8.786	0.013		1.532	0.028	T	2.18	0.07	O	8.6416	0.0033	0.030	137		8.60	8.69		U 2			1							
20978	10.197	0.043	9.182	0.030		0.865	0.013	G	0.91	0.01	H	9.2280	0.0028	0.017	64		9.19	9.25		C			1							
20979	8.073	0.008	7.760	0.008		0.299	0.001	G	0.34	0.00	H	7.7925	0.0037	0.038	150		7.74	7.86		U 2			1							S P
20980	7.961	0.008	7.764	0.009		0.188	0.011	T	0.21	0.01	L	7.8078	0.0013	0.011	123		7.79	7.83		C			1							S
20981	8.976	0.012	8.407	0.011		0.501	0.001	G	0.57	0.00	H	8.4881	0.0015	0.015	100		8.46	8.51		C			1							S
20982	6.539	0.004	5.565	0.003		0.855	0.004	T	0.87	0.00	L	5.6225	0.0007	0.006	130		5.61	5.63					1							S
20983	11.123	0.053	9.186	0.018		1.607	0.044	T	1.63	0.04	L	9.1198	0.0020	0.017	98		9.09	9.15		C			1 S							
20984	9.788	0.035	9.009	0.028		0.645	0.004	G	0.71	0.00	H	9.1137	0.0027	0.018	43		9.09	9.15					1							
20985	7.805	0.006	6.581	0.005		1.038	0.007	G	0.98	0.04	E	6.6382	0.0009	0.008	88		6.63	6.65		C			1							S
20986	10.578	0.057	9.777	0.044		0.725	0.055	T	0.78	0.04	L	9.8613	0.0026	0.017	72		9.83	9.89		C			1							
20987	10.761	0.043	9.128	0.018		1.367	0.037	T	1.34	0.04	L	9.1526	0.0021	0.022	137		9.11	9.20		C			1							
20988	8.160	0.011	7.680	0.011		0.446	0.001	G	0.52	0.00	H	7.7728	0.0012	0.009	84		7.76	7.79		C			1							S
20989	9.312	0.018	8.750	0.017		0.574	0.015	G	0.65	0.01	H	8.8115	0.0016	0.013	81		8.79	8.84		C			1							
20990											T	11.1691	0.0303	0.359	59		10.84	12.44		U 2	04301+1814	I 1	1 V							G
20991	9.543	0.016	8.222	0.010		1.122	0.015	T	1.08	0.02	L	8.2829	0.0017	0.016	132		8.26	8.31		C			1							
20992	12.038	0.142	10.026	0.035		1.704	0.121	T	2.08	0.26	K	9.8344	0.0057	0.057	136		9.74	9.91		U 2			1							
20993	10.732	0.044	8.577	0.013		1.822	0.038	T	3.30	0.06	O	8.1051	0.0139	0.148	96		7.77	8.15	16.88	P 1 A			1 S							
20994	10.336	0.056	9.789	0.051		0.512	0.068	T	0.58	0.07	L	9.8424	0.0048	0.022	47		9.75	9.87		U 2			1							G
20995	6.012	0.006	5.670	0.007	A	0.324	0.011	G	0.40	0.03	C *	5.6460	0.0007	0.004	60	*	5.64	5.65		D	04301+1538	I 1	2 C A	AB	18	1.654	0.009	2.52	0.03	S
20996	10.617	0.033	8.779	0.013		1.529	0.028	T	1.57	0.06	L	8.7444	0.0016	0.015	109		8.72	8.77		C			1							
20997	7.510	0.007	6.326	0.004		1.001	0.004	G	0.96	0.04	E	6.3913	0.0009	0.010	126		6.38	6.41					1							S
20998	8.559	0.011	7.749	0.009		0.711	0.003	G	0.77	0.00	H	7.8192	0.0011	0.009	117		7.80	7.83		C			1							S
20999	10.249	0.028	9.599	0.025		0.595	0.028	T	0.67	0.03	L	9.6305	0.0031	0.024	119		9.57	9.69					1 G							
21000						0.600	0.495	G	0.75	0.07	B	9.9710	0.0044	0.019	41		9.93	10.00		D	04302+0518	I 1	1 S							

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors $\alpha*$ mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ $\alpha*$ 19	π $\alpha*$ 20	π δ 21	$\mu_{\alpha*}$ $\alpha*$ 22	$\mu_{\alpha*}$ δ 23	$\mu_{\alpha*}$ π 24	μ_δ $\alpha*$ 25	μ_δ δ 26	μ_δ π 27	μ_δ $\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
21001		04 30 13.42	−47 58 42.7	8.16		G	67.555 903 55	−47.978 517 95		4.99	12.94	31.50	0.61	0.58	0.69	0.70	0.62	+2	−12	−11	−10	+0	−6	−1	−10	−4	+18	0	−1.80
21002		04 30 13.80	−38 59 20.5	7.32		H	67.557 493 19	−38.989 031 26		5.54	48.36	60.97	0.52	0.62	0.67	0.55	0.71	−15	−4	−1	−17	+7	+8	+7	−15	−10	−11	0	−2.91
21003		04 30 15.33	−11 33 38.6	8.04		G	67.563 876 97	−11.560 709 62		9.94	34.88	16.71	0.74	0.55	1.02	1.02	0.85	+15	+27	−18	+32	+15	−6	+12	+53	−23	−1	0	1.33
21004		04 30 15.43	−41 39 35.1	7.68		H	67.564 310 76	−41.659 754 22		4.29	−4.79	−3.78	0.58	0.61	0.70	0.63	0.71	−14	+8	−9	−11	−1	+12	+1	−15	+9	−16	3	−0.60
21005		04 30 16.60	−37 00 44.1	8.97		H	67.569 177 99	−37.012 247 54		2.50	2.06	−12.71	0.74	0.78	0.96	0.84	0.96	−4	+17	−10	−15	+1	−7	−4	+0	−10	+15	0	0.96
21006		04 30 16.68	+00 58 48.2	10.45		G	67.569 511 72	+00.980 051 42		35.53	82.62	−66.94	2.34	2.08	2.74	2.84	2.96	+11	+35	−33	+43	+19	−19	−7	+65	−51	+34	0	0.92
21007		04 30 16.75	−53 27 16.8	8.76		H	67.569 798 22	−53.454 670 82		2.94	0.76	25.78	0.65	0.76	0.76	0.73	0.82	+5	−4	+0	−8	−5	−10	−6	−4	−4	+16	1	0.62
21008		04 30 17.91	+19 50 26.3	7.09		H	67.574 636 36	+19.840 644 58		19.94	94.90	−28.30	0.81	0.56	0.93	1.08	0.88	+19	+1	−19	−16	+0	+35	+1	+10	+21	+47	0	0.12
21009		04 30 18.22	−38 16 28.7	7.13		H	67.575 909 69	−38.274 625 23		3.00	−2.56	−3.64	0.52	0.58	0.68	0.60	0.66	−17	−10	−3	−23	−1	+25	+1	−16	−8	−20	0	−0.01
21010		04 30 19.96	+28 07 54.4	6.51		H	67.583 184 92	+28.131 772 20		25.18	139.28	47.91	0.82	0.53	0.95	0.76	0.65	+33	+42	+0	−6	+21	+7	+2	+34	−28	+46	0	−1.36
21011		04 30 21.76	+51 36 47.8	9.39		H	67.590 683 03	+51.613 268 38		−0.72	2.38	−3.39	1.11	0.79	1.43	1.51	1.04	−23	+17	−11	+12	−20	+8	−22	+57	−11	−20	0	0.65
21012		04 30 22.40	−30 26 38.8	7.33		H	67.593 335 54	−30.444 110 76		4.83	11.79	14.09	0.44	0.59	0.78	0.50	0.68	−1	−3	−19	+10	−16	+21	−15	−14	+12	−2	0	−1.67
21013		04 30 22.43	+23 35 19.9	7.18		H	67.593 462 38	+23.588 856 77		3.32	19.05	0.71	0.81	0.57	0.89	0.92	0.73	+16	+43	−11	+13	+15	−17	+10	+48	+2	+32	0	−0.27
21014		04 30 22.68	+78 25 15.2	9.34		H	67.594 495 37	+78.420 886 62		3.10	8.42	−9.13	0.67	0.77	0.97	0.75	1.01	−10	+15	+14	−7	−3	−9	+3	+0	+30	−8	0	−1.33
21015		04 30 22.90	+08 55 54.6	9.11		H	67.595 406 26	+08.931 823 27		2.31	6.30	7.94	1.25	0.67	1.34	1.30	0.94	+16	+34	−6	+8	+5	+3	−3	+40	−26	+13	0	1.88
21016		04 30 23.83	+01 42 52.8	10.32		H	67.599 304 47	+01.714 674 16		0.03	3.43	8.27	2.60	2.19	3.03	3.48	3.08	+14	+28	−16	+34	+20	−40	+3	+57	−31	+45	0	−0.20
21017		04 30 24.76	+39 52 26.3	7.98		H	67.603 159 07	+39.873 985 97		12.52	116.05	−187.13	1.05	0.65	1.27	1.06	0.91	+28	+25	−22	−8	+29	+8	+16	+63	−39	+37	0	0.78
21018		04 30 26.45	+73 57 56.0	8.28		H	67.610 199 67	+73.965 559 24		4.12	75.08	−93.32	0.53	0.74	0.92	0.63	0.98	−16	+12	−13	−10	+4	+12	+10	−18	+28	−1	1	0.64
21019		04 30 26.60	+20 32 52.3	9.74		G	67.610 813 85	+20.547 864 98		3.52	31.78	−18.60	1.80	0.98	1.98	3.20	1.61	+16	−16	−21	−47	−13	+50	−1	+6	+4	+11	0	0.03
21020		04 30 26.69	−43 12 46.0	7.35		H	67.611 208 77	−43.212 774 05		7.50	2.72	21.13	0.51	0.59	0.65	0.56	0.73	+1	+11	−16	−6	+1	+5	−1	+6	−5	+23	0	−0.11
21021		04 30 27.84	+36 06 33.4	8.44		H	67.616 007 12	+36.109 273 26		4.98	−1.46	−5.58	1.11	0.66	1.25	1.29	1.03	+18	+32	−24	−24	+15	−18	−24	+51	−41	+59	0	−2.30
21022		04 30 28.37	+47 38 50.5	10.13		H	67.618 197 14	+47.647 371 91		0.49	17.73	−29.53	1.64	1.05	1.86	2.23	1.50	−33	+11	−24	+9	−24	+18	−26	+61	−27	−30	2	0.40
21023		04 30 29.28	+46 09 01.7	7.83		G	67.621 979 87	+46.150 470 75		6.95	67.80	−70.56	0.86	0.67	0.99	1.16	0.97	+21	+2	−9	+11	+15	−13	+12	+64	−18	+25	0	1.41
21024		04 30 29.54	−43 24 38.4	7.27		H	67.623 065 11	−43.410 665 98		6.46	2.37	22.28	0.52	0.54	0.64	0.58	0.67	+4	−5	−24	−7	−3	+11	+1	−7	−4	+21	0	−1.99
21025		04 30 30.10	−09 54 54.9	8.81		H	67.625 427 85	−09.915 263 84		4.10	2.94	−5.88	0.85	0.62	1.16	1.24	1.06	+32	+8	−8	+40	+21	−3	+20	+49	−23	+21	1	−1.96
21026		04 30 30.41	−32 19 54.2	8.92		H	67.626 718 62	−32.331 726 16		2.76	15.67	−3.44	0.69	0.79	1.06	0.70	0.83	−4	+10	−28	+9	−6	+12	−2	+0	−11	+10	2	0.57
21027		04 30 31.28	+08 19 18.6	9.09		H	67.630 351 05	+08.321 833 54		5.31	−12.94	−21.70	1.35	0.74	1.59	1.41	1.13	+23	+42	−1	+0	+5	+7	−12	+33	−40	+17	0	−0.13
21028		04 30 32.04	−15 05 20.1	9.83		G	67.633 498 21	−15.088 908 67		−0.35	−6.70	0.74	1.06	0.98	1.64	1.32	1.39	−2	+21	−28	+23	+7	+13	+5	+33	−30	+9	0	1.41
21029		04 30 33.57	+16 11 38.7	4.78		H	67.639 871 24	+16.194 075 56		22.54	104.98	−25.14	0.72	0.43	0.77	0.71	0.53	+22	+53	+12	+12	−2	−5	−9	+30	−17	+7	0	0.51
21030		04 30 33.57	−40 13 06.5	9.60		H	67.639 881 24	−40.218 478 41		12.18	96.86	−88.90	0.97	0.97	1.11	1.16	1.27	−18	−1	−3	−34	+6	+2	+6	−22	+5	−16	0	0.47
21031		04 30 33.63	−20 53 35.3	9.13		H	67.640 142 40	−20.893 135 48		7.59	16.89	0.56	0.89	0.99	1.58	1.02	1.28	−10	+3	−17	−40	+16	−14	+13	+12	−15	−3	0	1.42
21032	H	04 30 33.75	−23 01 27.8	6.83		H	67.640 631 75	−23.024 384 31	A	7.06	−0.82	−1.60	1.06	0.99	1.02	0.78	0.83	+0	+18	−16	−27	+3	−4	−4	+7	−10	−5	2	0.04
21033		04 30 34.24	−02 13 46.8	7.74		G	67.642 666 82	−02.229 665 10		5.70	9.12	20.31	0.93	0.72	1.04	0.99	0.95	+29	+44	+1	+9	+4	−13	−2	+18	−8	+46	0	1.35
21034		04 30 35.33	+65 03 04.1	7.72		H	67.647 223 03	+65.051 127 69		10.21	−15.78	0.22	0.51	0.61	0.92	0.57	0.73	+8	+21	−13	−10	+22	−1	+24	+20	+22	+18	0	0.08
21035		04 30 36.69	−40 23 42.8	8.16		H	67.652 861 65	−40.395 210 23		11.33	72.27	43.66	0.67	0.75	0.83	0.70	0.87	−2	+1	+0	−38	+3	−3	+4	−14	+12	−6	0	−0.04
21036		04 30 37.30	+13 43 28.0	5.40		H	67.655 410 66	+13.724 450 18		21.84	108.06	−19.71	0.81	0.50	0.89	0.87	0.67	+32	+41	−5	+11	+17	+0	+7	+43	−25	+29	0	1.19
21037		04 30 37.75	+62 04 11.5	8.92		G	67.657 301 68	+62.069 870 53		4.00	−13.24	−5.26	0.65	0.70	1.02	0.84	0.88	−8	+4	−13	+21	−10	+0	−10	+29	+4	−8	0	0.92
21038		04 30 38.40	+32 27 28.1	6.18		H	67.660 009 62	+32.457 814 87		10.63	7.97	−19.24	0.74	0.49	0.86	1.02	0.65	+22	+14	−3	−1	−1	−7	+5	+40	−30	−4	0	0.01
21039		04 30 38.83	+15 41 31.0	5.47		H	67.661 777 72	+15.691 938 29		22.55	104.17	−24.29	0.94	0.50	1.09	1.12	0.78	+4	+47	−5	+1	+15	+18	+1	+30	−47	−34	0	−0.62
21040		04 30 39.48	+33 32 44.1	10.67		H	67.664 510 07	+33.545 589 59		8.73	176.18	−178.52	1.79	1.07	1.99	1.95	1.49	+18	+37	−16	−8	+1	−5	−18	+37	−26	+42	4	1.96
21041		04 30 39.91	+65 53 24.9	8.67		H	67.666 302 37	+65.890 248 66		1.03	−9.49	24.54	0.71	0.88	1.31	0.76	1.02	−1	+19	−10	−19	+10	+3	+14	+2	+28	+7	5	1.74
21042		04 30 40.33	−35 39 12.9	5.95		H	67.668 039 02	−35.653 580 06		8.92	1.51	31.23	0.42	0.48	0.58	0.49	0.59	−16	+2	−7	+9	−5	−12	−6	+16	−9	−6	0	0.72
21043		04 30 41.17	−41 28 36.8	8.44		H	67.671 522 58	−41.476 896 35		3.25	31.25	5.28	0.69	0.77	0.84	0.75	0.87	−17	+4	−10	−26	+8	+16	+10	−25	+7	−14	1	−0.08
21044		04 30 41.20	+52 18 22.5	8.41	2	H	67.671 649 62	+52.306 261 41		1.17	10.33	−17.63	0.93	0.62	1.25	1.10	0.77	−22	+15	−25	−17	+2	+20	−1	+40	−33	−18	2	−0.26
*21045		04 30 41.72	−01 26 18.1	9.37		H	67.673 852 76	−01.438 353 40		−0.92	3.98	−4.20	1.44	1.06	1.59	1.70	1.65	+3	+44	−15	+21	−12	+4	−8	+13	+10	+39	0	−1.11
*21046		04 30 41.68	+57 24 42.2	8.06	3	H	67.673 686 77	+57.411 729 31		3.01	−5.67	4.27	0.63	0.58	0.97	0.68	0.68	−4	+27	−18	+24	−9	+21	−14	+40	−25	+0	6	1.90
21047		04 30 42.13	−16 27 11.1	8.80		H	67.675 529 98	−16.453 097 13		5.15	15.25	−29.76	0.88	0.84	1.29	1.36	1.31	−6	+8	−21	+20	−1	+20	+6	+48	−42	−37	0	2.85
21048		04 30 44.89	−58 37 35.7	9.69		H	67.687 023 94	−58.626 577 75		5.53	27.80	106.39	0.94	0.88	0.98	1.13	1.09	+0	+9	−12	+2	+5	−11	+6	−6	+8	+11	0	−0.83
21049		04 30 45.00	+00 06 46.3	8.35		H	67.687 502 74	+00.112 852 97		7.02	−14.44	2.20	1.17	0.89	1.24	1.65	1.29	+0	+35	−19	+8	+16	−1	+10	+43	−20	−2	0	2.12
21050		04 30 45.11	−07 14 27.8	8.51	1	H	67.687 972 28	−07.241 055 76		6.32	−0.42	−3.61	0.89	0.72	1.10	1.04	0.99	+54	+30	+2	+40	+50	−14	+56	+74	−2	+40	0	0.01
21051		04 30 45.32	−65 59 16.0	8.89		G	67.688 837 35	−65.987 778 13		2.05	10.12	11.33	0.80	0.86	0.86	0.90	1.12	−16	+14	−10	−13	−1	+4	+1	+6	+6	−21	0	−1.48
21052		04 30 46.22	+40 08 47.8	7.82		H	67.692 594 58	+40.146 597 34		4.83	3.71	−8.33	0.96	0.66	1.13	1.14	0.94	+33	+23	−17	+4	+17	−3	+6	+57	−29	+41	0	−0.67
21053		04 30 46.74	+16 08 55.5	6.50		H	67.694 735 55	+16.148 751 40		24.28	98.20	−22.75	0.74	0.46	0.79	0.80	0.57	+20	+43	+5	+12	+5	−12	+0	+37	−17	+6	0	0.78
21054		04 30 47.63	−21 22 27.5	7.71		H	67.698 438 62	−21.374 309 19		3.21	−14.77	4.00	0.64	0.64	0.96	0.64	0.77	−14	+28	−26	−45	+28	−22	+17	+22	−11	+6	0	−0.50
21055		04 30 48.41	−23 24 28.1	7.76		H	67.701 691 60	−23.407 802 33		4.12	5.02	9.35	0.68	0.63	0.98	0.72	0.72	−19	+24	−20	−45	−2	−4	+7	−4	−6	−41	0	−0.40
21056	H	04 30 48.42	−57 27 00.5	8.65		G	67.701 763 24	−57.450 132 35	A	8.55	49.79	43.44	1.20	1.18	1.15	1.37	1.23	+15	+19	+7	−9	−12	+0	−14	−9	−12	−3	0	0.45
21057		04 30 48.59	−45 35 47.4	7.91	2	H	67.702 460 36	−45.596 513 83		1.09	6.17	16.92	0.57	0.61	0.70	0.63	0.71	−11	+5	−12	+8	−11	+29	−9	+2	−14	−6	1	−0.84
21058		04 30 48.70	+69 15 13.7	8.72		H	67.702 917 36	+69.253 799 06		−0.25	−2.67	−9.49	0.46	0.78	1.08	0.50	0.86	−18	+5	+6	+3	+8	+18	+7	+8	−10	−22	0	0.21
21059	H	04 30 50.05	+64 26 30.5	8.41	3	H	67.708 528 71	+64.441 818 15	*	1.71	19.64	−15.44	0.63	0.70	0.94	0.77	0.87	+6	−10	−10	−37	+33	+10	+31	+9	−2	+16	0	1.75
21060		04 30 50.10	−44 57 13.5	5.07		H	67.708 740 38	−44.953 743 51		4.59	2.44	−2.48	0.43	0.45	0.51	0.47	0.53	−2	+2	−7	−1	−14	+18	−15	−14	+0	−4	0	0.00
21061		04 30 51.30	−20 49 49.2	8.16		H	67.713 756 09	−20.830 337 97		6.37	−11.79	1.36	0.65	0.69	1.07	0.73	0.88	−6	+7	+1	−24	+9	−10	+12	+20	−12	−10	0	0.78
21062		04 30 52.89	+44 36 11.0	6.99		H	67.720 359 29	+44.603 056 20		7.46	−9.72	−46.72	0.80	0.53	0.89	0.84	0.68	+7	+33	−5	+9	+9	−3	−2	+53	−18	+19	0	−0.52
21063		04 30 53.32	−41 10 27.2	7.02	2	T	67.722 165 48	−41.174 209 32		6.51	21.27	−23.14	0.52	0.55	0.62	0.53	0.61	−10	−1	−7	−32	+2	+14	+3	−18	+6	−9	1	−0.37
21064		04 30 53.69	−36 52 34.3	7.32		H	67.723 718 70	−36.876 181 68		5.02	30.45	2.31	0.56	0.59	0.72	0.65	0.70	−17	+20	−25	−6	+1	+6	−1	+10	−3	+4	0	0.15
21065	H	04 30 54.38	+63 24 56.7	8.55		H	67.726 570 60	+63.415 742 24	A	6.03	7.77	32.22	1.03	1.15	1.43	1.32	1.47	+3	−7	−17	+13	+19	−18	+17	+17	−28	+12	1	−0.33
21066		04 30 57.11	+10 45 06.5	7.03		G	67.737 960 15	+10.751 793 67		22.96	104.19	−10.52	0.92	0.46	0.99	1.03	0.74	+20	+48	−9	+2	−2	+7	−18	+35	−29	+26	0	−0.49
21067	H	04 30 58.19	+41 58 33.3	8.03		H	67.742 470 62	+41.975 910 11	*	3.27	20.20	−28.14	0.93	0.54	1.03	0.90	0.72	+16	+48	−17	−23	+13	−4	−14	+36	−17	+56	2	0.78
21068		04 30 58.58	+54 03 03.8	9.61		H	67.744 080 92	+54.051 062 75		−0.14	−2.30	1.04	1.08	0.90	1.53	1.29	1.07	−29	+7	−4	+51	−45	+1	−44	+67	−27	−28	2	1.87
21069		04 30 58.96	+35 35 58.3	8.59		G	67.745 664 39	+35.599 530 10		19.02	123.23	122.96	1.04	0.55	1.13	1.19	0.73	+17	+23	−5	−18	−19	−16	−27	+34	−35	+22	0	0.69
21070		04 30 59.44	−39 10 45.1	9.20		H	67.747 647 60	−39.179 190 60		11.06	114.23	109.18	0.72	0.88	0.94	0.81	1.08	−18	+8	+0	−21	+6	+5	+5	−16	−8	−6	0	1.41
21071		04 30 59.61	−24 58 47.5	8.30		H	67.748 385 97	−24.979 874 62	A	3.72	4.54	−4.08	0.70	1.05	1.40	0.76	1.18	+1	−3	−14	−17	−1	−2	−1	−13	−16	−11	1	1.53
21072		04 31 00.72	−46 00 09.9	9.61		G	67.752 993 25	−46.002 738 64		7.64	−62.21	−3.80	0.85	0.84	1.02	1.00	0.93	+5	−6	−2	−18	−13	+36	−13	−10	+0	+8	4	−1.00
21073		04 31 01.12	−44 16 20.5	8.94		G	67.754 658 10	−44.272 368 63		3.15	−5.02	6.29	0.70	0.77	0.85	0.86	0.95	−1	+8	−6	+14	−22	+14	−22	+3	−2	−6	0	−1.38
21074		04 31 01.71	+66 34 39.3	8.80		H	67.757 142 70	+66.577 588 31		2.53	2.25	−21.82	0.61	0.76	1.10	0.69	0.89	−13	+14	−18	−20	+0	+1	−2	−5	+15	+12	0	−0.15
21075		04 31 01.89	−38 44 47.8	8.77		H	67.757 891 66	−38.746 601 98		2.98	41.29	26.33	0.69	0.82	0.93	0.78	0.95	−8	−2	−10	−15	+1	+17	+3	−15	−8	+0	0	0.14
21076		04 31 02.07	−04 57 39.1	7.95		G	67.758 641 86	−04.960 874 14		4.58	8.62	5.62	0.86	0.63	1.01	0.95	0.91	+13	+34	−5	+35	+13	−2	+11	+50	+6	+25	0	2.28
21077		04 31 03.68	−39 51 40.0	9.27		H	67.765 330 19	−39.861 122 62		12.18	39.48	−4.50	0.77	0.91	1.00	0.98	1.17	−13	+1	+5	−24	−4	−11	−3	−21	−12	−13	0	−0.57
21078	H	04 31 04.12	+06 47 29.6	6.78		H	67.767 159 13	+06.791 548 83	A	12.13	−67.19	−90.66	1.52	0.92	1.37	1.74	1.25	+9	+26	−2	+13	−4	−16	−14	+42	−15	+22	8	1.09
21079		04 31 04.83	−45 21 37.7	8.26		G	67.770 136 69	−45.360 474 76		19.87	−48.72	19.00	0.64	0.67	0.78	0.72	0.77	−13	+20	−22	+14	−17	+19	−16	+5	−19	−1	3	2.08
21080		04 31 05.15	−36 14 36.2	8.29	2	H	67.771 476 06	−36.243 395 87		1.19	6.11	8.80	0.70	0.76	0.92	0.84	0.94	−8	−3	−20	−15	+4	+10	+3	+13	−10	+5	0	−0.27
21081		04 31 06.11	−41 43 32.3	9.68		H	67.775 440 50	−41.725 633 65		14.46	−23.26	−101.82	0.80	0.94	1.03	1.04	1.15	−16	+2	−9	−2	+0	+22	+2	−19	+7	−16	0	−0.60
21082		04 31 07.16	+15 06 18.6	6.28	1	H	67.779 853 94	+15.105 165 13		7.16	42.72	−52.75	0.89	0.52	1.06	1.12	0.79	+23	+37	+8	−5	+18	+3	+10	+25	−46	−20	0	−0.60
21083		04 31 07.63	+70 20 20.5	7.76		H	67.781 808 64	+70.339 024 70		2.56	−4.92	1.09	0.38	0.63	0.83	0.44	0.78	−13	+13	+2	−1	+9	+3	+11	−1	+7	−27	2	−1.77
21084		04 31 08.03	+07 19 56.0	7.86		H	67.783 450 94	+07.332 219 48		4.62	11.66	−2.65	0.97	0.53	1.01	1.26	0.84	+19	+36	+2	−8	−5	+7	−7	+29	−4	+20	0	0.15
21085		04 31 08.91	+02 54 52.1	8.87		H	67.787 118 09	+02.914 465 30		7.36	−5.41	−25.43	1.35	1.35	1.61	1.82	1.83	+27	+2	−47	+42	+35	−32	+17	+58	−31	+60	10	0.23
21086	H	04 31 09.14	−13 30 50.8	11.47	2	H	67.788 073 60	−13.514 100 60	*	49.73	−161.78	−206.99	1.89	1.53	3.24	3.26	2.76	+11	+2	−18	+1	+13	+18	+17	+34	−49	−16	0	−0.60
21087	H	04 31 09.85	−78 37 58.6	7.87	2	G	67.791 030 82	−78.632 949 46	A	7.93	−2.32	28.78	0.94	1.07	0.95	0.88	1.33	−14	+15	−16	−9	+6	+10	+6	−21	+3	−24	2	2.55
21088	H	04 31 10.05	+58 58 55.4	10.82		G	67.791 858 95	+58.982 052 52	A	181.36	1300.21	−2048.99	3.81	2.80	3.67	4.27	3.10	−46	+7	−8	−30	+30	+37	+33	−10	−16	−33	1	0.07
21089		04 31 10.43	+18 49 13.0	10.60		G	67.793 476 89	+18.820 268 27		4.96	171.38	−155.99	2.25	1.39	2.44	2.45	1.82	+39	+39	+20	−9	+2	+1	+1	+20	−10	+26	5	1.91
21090		04 31 10.91	+14 41 23.3	8.17		H	67.795 449 40	+14.689 795 80		10.58	38.90	−0.49	1.03	0.61	1.17	1.29	0.88	+28	+33	+4	−1	+3	−13	−2	+26	−38	+0	0	−1.73
21091		04 31 11.05	+11 14 39.8	8.70		H	67.796 032 94	+11.244 384 11		14.85	42.91	2.65	1.20	0.66	1.27	1.60	1.30	+37	+37	+1	−11	+0	−18	−25	+27	−32	+60	0	1.34
21092	H	04 31 11.44	+01 57 28.2	12.38		G	67.797 668 71	+01.957 828 06	A	19.64	170.09	27.24	18.20	8.30	9.61	10.87	10.30	+40	+5	−24	+15	+35	−29	+17	+52	−41	+42	3	0.34
21093		04 31 12.62	−19 28 23.8	9.40		H	67.802 603 10	−19.473 284 09		9.35	−4.23	65.65	1.00	0.96	1.63	1.03	1.17	−23	+46	−18	+6	−14	+8	−16	+0	−10	−24	0	0.82
21094		04 31 13.16	+23 20 46.1	7.07		H	67.804 839 91	+23.346 150 43		3.72	21.61	−35.65	0.85	0.61	0.93	1.01	0.77	+15	+37	−7	+21	+14	−22	+11	+54	+4	+25	0	0.65
21095		04 31 13.37	−04 51 35.5	7.81		G	67.805 691 27	−04.859 850 40		9.60	−12.82	−74.98	0.90	0.60	1.02	0.94	0.84	+1	+39	−1	+38	+0	+2	−1	+49	+5	+9	0	1.10
21096		04 31 13.98	−58 28 54.8	9.33		H	67.808 270 25	−58.481 890 90		2.95	2.17	−8.64	0.97	0.83	0.97	1.16	1.06	+5	+20	−4	+2	+0	−14	+0	−1	+6	+10	0	1.27
21097		04 31 14.57	−27 50 41.3	8.87		H	67.810 705 35	−27.844 792 52		0.51	3.06	15.82	0.69	0.89	1.13	0.80	1.18	−10	+27	−12	−39	+2	−8	+0	−20	+1	−2	0	1.20
21098	H	04 31 15.08	−35 46 25.1	7.49		H	67.812 844 01	−35.773 648 59	A	1.83	−2.43	6.92	1.42	1.60	1.42	1.43	1.50	−28	+6	−2	+12	−12	−3	−12	+0	−21	−19	3	−0.48
21099		04 31 15.63	+20 07 59.8	8.59		G	67.815 116 94	+20.133 263 96		21.81	102.78	−41.08	1.12	0.72	1.25	1.62	1.11	+25	−6	−14	−33	−3	+42	+0	+1	+11	+38	3	2.83
21100		04 31 16.07	−44 10 08.6	9.58		G	67.816 942 13	−44.169 063 26		4.95	20.31	6.57	0.85	0.94	1.05	1.01	1.15	+8	+1	−8	+9	−16	+12	−16	+0	+9	+9	0	−1.53

54926	45415

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
21001	8.408	0.009	8.180	0.010		0.196	0.002	G	0.21	0.00	H	8.2262	0.0016	0.014	113		8.20	8.25				1							S
21002	8.650	0.010	7.438	0.007		1.036	0.010	T	1.01	0.01	L	7.4842	0.0011	0.012	116		7.47	7.50		C		1							S
21003	8.532	0.009	8.092	0.009		0.427	0.015	G	0.49	0.02	H	8.1274	0.0010	0.015	150		8.10	8.16				1							S
21004	9.068	0.014	7.800	0.009		1.080	0.013	T	1.04	0.01	L	7.8504	0.0015	0.013	116		7.83	7.87				1							S
21005	10.803	0.045	9.155	0.018		1.378	0.038	T	1.35	0.05	L	9.1152	0.0018	0.021	117		9.07	9.15				1							
21006	12.634	0.378	10.861	0.122		1.364	0.020	G	1.60	0.04	I	10.6053	0.0034	0.031	36		10.55	10.64				1	S						G
21007	10.337	0.030	8.895	0.016		1.216	0.027	T	1.18	0.03	L	8.9217	0.0023	0.017	106		8.89	8.96				1							
21008	7.665	0.007	7.149	0.007		0.470	0.015	G	0.56	0.02	A	7.2016	0.0009	0.007	62		7.18	7.21		C		1							S
21009	9.098	0.015	7.301	0.007		1.496	0.013	T	1.52	0.02	L	7.2562	0.0017	0.012	115		7.24	7.28				1							S
21010	7.398	0.006	6.601	0.006		0.722	0.007	T	0.77	0.01	L	6.6595	0.0006	0.007	83		6.65	6.67		C		1							S
21011	11.337	0.064	9.563	0.022		1.478	0.054	T	1.49	0.08	L	9.5127	0.0021	0.022	118		9.48	9.55				1							G
21012	7.439	0.005	7.340	0.006		0.089	0.007	T	0.10	0.01	L	7.3629	0.0012	0.012	152		7.34	7.39				1							S
21013	7.622	0.009	7.227	0.009		0.390	0.015	G	0.46	0.02	H	7.2681	0.0005	0.006	61		7.25	7.28		C		1							S
21014	9.747	0.021	9.349	0.022		0.377	0.028	T	0.44	0.03	L	9.4330	0.0018	0.020	128		9.40	9.47		C		1							
21015	11.238	0.080	9.258	0.023		1.641	0.066	T	1.66	0.07	L	9.2201	0.0017	0.014	86		9.19	9.24		C		1							
21016	12.461	0.328	10.381	0.081		1.613	0.020	G	1.68	0.14	K	10.4250	0.0059	0.032	32		10.36	10.46				1							G
21017	9.289	0.015	8.083	0.010		1.032	0.014	T	1.00	0.01	L	8.1455	0.0010	0.011	104		8.12	8.17				1							
21018	9.733	0.016	8.395	0.009		1.135	0.014	T	1.10	0.01	L	8.4468	0.0012	0.016	154		8.42	8.48				1							
21019	10.532	0.055	9.900	0.051		0.670	0.015	G	0.73	0.01	H	9.8714	0.0027	0.016	46		9.80	9.89				1							G
21020	7.364	0.006	7.348	0.008		0.015	0.009	T	0.03	0.01	L	7.3646	0.0012	0.014	117		7.34	7.39				1							S
21021	10.239	0.025	8.599	0.012		1.372	0.022	T	1.34	0.03	L	8.5930	0.0013	0.011	120		8.57	8.61				1							
21022	11.018	0.053	10.199	0.039		0.739	0.050	T	0.79	0.04	L	10.2769	0.0032	0.031	101		10.24	10.33				1							G
21023	8.439	0.011	7.909	0.009		0.497	0.013	T	0.57	0.01	L	7.9535	0.0016	0.013	101		7.93	7.97		C		1							S
21024	7.296	0.005	7.279	0.006		0.016	0.007	T	0.04	0.01	L	7.2872	0.0012	0.011	128		7.27	7.30				1							S
21025	10.044	0.017	8.907	0.011		0.978	0.016	T	0.96	0.01	L	8.9712	0.0013	0.020	194		8.94	9.01		C		1							
21026	10.152	0.024	9.002	0.015		0.988	0.022	T	0.97	0.02	L	9.0873	0.0018	0.021	155		9.04	9.13				1							
21027	9.565	0.022	9.138	0.023		0.403	0.029	T	0.47	0.03	L	9.1826	0.0021	0.017	72		9.16	9.22				1							
21028	10.430	0.035	9.957	0.037		0.631	0.015	G	0.70	0.01	H	9.9570	0.0019	0.021	113		9.91	10.00				1							
21029	5.002	0.003	4.792	0.003		0.170	0.001	G	0.19	0.03	C	4.8343	0.0007	0.004	65		4.83	4.84		C	04306+1611	I 2	1						S
21030	10.612	0.040	9.680	0.027		0.810	0.037	T	0.84	0.03	L	9.7384	0.0035	0.025	101		9.70	9.78					1						
21031	9.733	0.018	9.162	0.017		0.537	0.018	T	0.61	0.02	L	9.2460	0.0030	0.028	148		9.20	9.29				1	S						S
21032	7.042	0.005	6.861	0.005	*	0.166	0.007	T	0.18	0.01	L	* 6.8827	0.0012	0.011	139	*	6.86	6.90		D	04306−2301	H 1	2 C	A	AB	202	0.431	0.012	2.69	0.05	S
21033	9.101	0.023	7.849	0.015		1.054	0.015	G	1.02	0.01	H	7.9051	0.0014	0.007	45		7.89	7.92				1							S
21034	8.147	0.008	7.762	0.009		0.399	0.009	G	0.46	0.01	H	7.8072	0.0011	0.012	137		7.79	7.83		C		1							S
21035	9.034	0.013	8.247	0.011		0.714	0.013	T	0.77	0.01	L	8.3059	0.0018	0.013	116		8.29	8.33				1							S
21036	5.722	0.003	5.430	0.003		0.263	0.007	G	0.31	0.03	C	5.4724	0.0006	0.004	72		5.47	5.48			04307+1343	I 1	1						S
21037	9.224	0.013	8.909	0.014		0.324	0.015	G	0.38	0.02	H	8.9791	0.0016	0.016	124		8.96	9.01		C			1						
21038	6.137	0.003	6.168	0.004		−0.026	0.004	T	0.00	0.00	L	6.1776	0.0007	0.005	80		6.17	6.19			04306+3227	I 1	1						S
21039	5.779	0.004	5.490	0.004		0.258	0.003	G	0.28	0.03	C	5.5370	0.0011	0.005	60		5.53	5.55		C	04306+1542	I 1	1						S
21040	11.691	0.105	10.530	0.056		0.989	0.094	T	1.03	0.09	L	10.7745	0.0023	0.025	96		10.73	10.85					1						G
21041	10.404	0.027	8.809	0.013		1.337	0.024	T	1.30	0.03	L	8.8215	0.0024	0.023	128		8.79	8.88		R			1						
21042	7.250	0.005	6.065	0.004		1.005	0.005	G	1.05	0.04	E	6.1163	0.0008	0.006	119		6.11	6.13			04307−3539	I 1	1						S
21043	10.160	0.026	8.611	0.013		1.300	0.023	T	1.26	0.02	L	8.6006	0.0016	0.014	114		8.58	8.62			04307−4129	I 1	1						
21044	8.692	0.010	8.425	0.011		0.254	0.014	T	0.29	0.02	L	8.4854	0.0036	0.029	126		8.44	8.53		U 2			1						
21045	10.766	0.069	9.505	0.037		1.075	0.061	T	1.04	0.05	L	9.5409	0.0027	0.017	52		9.51	9.59		C			1						
21046	10.055	0.024	8.352	0.011		1.449	0.022	T	3.63	0.16	O	7.7338	0.0647	0.338	116		7.24	8.20	96.40	P 1 A			1	S					
21047	9.870	0.025	8.861	0.017		0.870	0.024	T	0.88	0.02	L	8.9406	0.0023	0.019	97		8.90	8.97			04307−1627	I 1	1						
21048	10.612	0.034	9.782	0.026		0.731	0.033	T	0.78	0.02	L	9.8301	0.0026	0.023	103		9.79	9.87			04308−5838	I 1	1						
21049	8.544	0.018	8.386	0.021		0.152	0.026	T	0.17	0.03	L	8.4106	0.0020	0.011	33		8.39	8.43		D			1						S
21050	8.780	0.010	8.536	0.011		0.233	0.014	T	0.26	0.02	L	8.5743	0.0026	0.022	136		8.54	8.61	0.51	P 1 A			1						S
21051	10.371	0.033	9.017	0.018		1.120	0.015	G	1.08	0.02	I	9.0852	0.0023	0.014	91		9.06	9.11					1						
21052	8.945	0.013	7.938	0.009		0.879	0.012	T	0.89	0.01	L	7.9755	0.0013	0.009	92		7.96	7.99		C			1						S
21053	7.027	0.007	6.548	0.005		0.428	0.002	G	0.51	0.03	C	6.5987	0.0008	0.006	71		6.59	6.61		C	04306+1611	I 2	1						S
21054	7.964	0.007	7.729	0.008		0.219	0.011	T	0.24	0.01	L	7.7751	0.0012	0.014	156		7.75	7.80		C			1						S
21055	9.665	0.017	7.922	0.008		1.453	0.015	T	1.46	0.02	L	7.8980	0.0018	0.016	146		7.88	7.93					1						
21056	9.233	0.014	8.718	0.013	*	0.510	0.015	G	0.58	0.02	H	* 8.7607	0.0020	0.016	104	*	8.74	8.79			04308−5727	H 1	2 C	C	AB	231	0.722	0.038	3.67	0.26	
21057	10.083	0.024	8.108	0.009		1.673	0.021	T	1.94	0.06	O	8.0027	0.0025	0.025	127		7.96	8.04		U 2			1						S
21058	8.929	0.008	8.740	0.009		0.181	0.011	T	0.20	0.01	L	8.7813	0.0013	0.022	236		8.75	8.82					1						
21059	10.929	0.044	8.607	0.012	*	1.959	0.038	T	2.75	0.09	O	* 8.3856	0.0235	0.285	134	*	7.80	8.63	134.20	P 1 A	04308+6427	H 1	2 C S	B	AB	87	0.156	0.013	0.49	0.35	D
21060	4.810	0.002	5.033	0.002		−0.194	0.002	T	−0.20	0.00	L	5.0009	0.0006	0.006	116		4.99	5.01					1						S
21061	8.379	0.008	8.166	0.009		0.203	0.011	T	0.22	0.01	L	8.2275	0.0018	0.018	140		8.20	8.26					1						S
21062	8.347	0.012	7.113	0.005		1.054	0.010	T	1.02	0.01	L	7.1542	0.0008	0.008	96		7.14	7.17		C			1						S
21063	7.480	0.009	7.064	0.006		0.393	0.010	T	0.46	0.01	L	7.1145	0.0060	0.042	119		7.05	7.17	0.15	P 1 A			1						S P
21064	8.963	0.011	7.459	0.006		1.265	0.010	T	1.22	0.01	L	7.4838	0.0011	0.011	120		7.47	7.50					1						S
21065	9.000	0.023	8.418	0.017	*	0.544	0.026	T	0.62	0.02	L	* 8.6709	0.0013	0.013	114	*	8.64	8.69		D	04309+6325	I 1	2 C	A	AB	183	3.098	0.009	2.03	0.03	
21066	7.603	0.007	7.089	0.006		0.472	0.013	G	0.54	0.01	H	7.1358	0.0008	0.006	92		7.13	7.15					1						S
21067	9.448	0.018	8.178	0.011	*	1.082	0.016	T	1.04	0.01	L	* 8.2011	0.0015	0.011	98	*	8.19	8.22		D	04310+4159	H 1	2 C S	A	AB	88	0.198	0.016	1.40	0.33	
21068	9.965	0.022	9.727	0.026		0.227	0.032	T	0.25	0.04	L	9.6787	0.0017	0.017	156		9.64	9.71		C			1						G
21069	9.294	0.015	8.651	0.013		0.634	0.015	G	0.70	0.01	H	8.7203	0.0015	0.014	113		8.70	8.74		C			1						
21070	9.873	0.021	9.251	0.019		0.575	0.021	T	0.65	0.02	L	9.3241	0.0023	0.020	117		9.29	9.37					1						
21071	9.588	0.011	8.390	0.007	A	1.025	0.010	T	1.00	0.01	L	8.4636	0.0057	0.018	260	A	8.43	8.50			04310−2459	I 1	2 C	A	AB	34	12.945	0.032	3.30	0.12	
21072	10.307	0.027	9.662	0.024		0.639	0.005	G	0.70	0.00	H	9.7497	0.0018	0.022	125		9.71	9.79		C			1						
21073	9.176	0.015	8.960	0.017		0.208	0.015	G	0.23	0.02	H	9.0072	0.0017	0.016	111		8.98	9.04					1						S
21074	9.127	0.011	8.813	0.012		0.298	0.015	T	0.34	0.02	L	8.8715	0.0013	0.017	160		8.84	8.90		C			1						
21075	10.213	0.029	8.888	0.016		1.125	0.026	T	1.09	0.03	L	8.9381	0.0016	0.019	116		8.90	8.97					1						
21076	8.145	0.012	7.966	0.015		0.140	0.002	G	0.15	0.00	H	7.9991	0.0012	0.009	83		7.99	8.02		C			1						S
21077	10.091	0.024	9.326	0.019		0.682	0.023	T	0.74	0.02	L	9.4006	0.0020	0.019	107		9.36	9.43		C			1						
21078	8.481	0.017	7.235	0.014	A						T	* 6.9373	0.0013	0.010	71	*	6.93	6.97		D	04311+0647	I 1	2 C	A	AB	255	9.491	0.006	1.03	0.02	S
21079	9.037	0.015	8.356	0.013		0.640	0.015	G	0.70	0.01	H	8.4022	0.0024	0.022	126		8.37	8.43					1						S
21080	10.333	0.030	8.518	0.013		1.542	0.027	T	2.44	0.07	O	8.3180	0.0085	0.075	124		8.21	8.43	27.08	P 1 A			1	S					P
21081	10.552	0.033	9.752	0.026		0.708	0.032	T	0.76	0.03	L	9.8163	0.0022	0.022	113		9.78	9.85		C			1						
21082	8.526	0.013	6.507	0.006		1.725	0.026	G	2.17	0.05	F	6.3437	0.0024	0.015	66		6.32	6.36	7.96	P 1 A			1						S
21083	9.319	0.010	7.894	0.006		1.203	0.009	T	1.16	0.01	L	7.9255	0.0012	0.014	240		7.90	7.95					1						
21084	8.249	0.011	7.874	0.012		0.355	0.015	T	0.42	0.02	L	7.9448	0.0010	0.010	81		7.93	7.96		C			1						S
21085	10.387	0.045	9.002	0.024		1.172	0.040	T	1.13	0.04	L	9.0424	0.0020	0.014	43		9.02	9.07		C			1	S					
21086											T	* 11.6134	0.0060	0.051	107	*	11.46	11.68		U	04312−1331	H 1	2 C S	B	AB	167	0.197	0.137	1.20	1.68	G
21087	8.183	0.009	7.922	0.012	A	0.225	0.002	G	0.25	0.00	H	* 7.9075	0.0021	0.021	96	*	7.88	7.94		U 2	04312−7838	I 1	2 C	A	AB	270	1.293	0.015	2.53	0.07	S
21088						1.170	0.042	G	1.13	0.04	R	* 10.7934	0.0041	0.030	75	*	10.74	10.85		D	04312+5858	I 1	2 C	D	AB	69	8.350	0.024	1.42	0.09	G D
21089	12.098	0.209	10.778	0.103		1.100	0.020	G	1.18	0.03	I	10.7981	0.0046	0.030	59		10.75	10.85		C			1	S					G
21090	8.783	0.016	8.230	0.014		0.502	0.002	G	0.57	0.00	H	8.2843	0.0021	0.015	72		8.27	8.31					1						S
21091	9.481	0.020	8.756	0.017		0.665	0.021	T	0.73	0.02	L	8.8411	0.0016	0.015	79		8.82	8.87					1						
21092						1.510	0.015	G	1.94	0.21	K	* 12.5246	0.0248	0.087	33	*	12.38	12.76			04312+0157	H 1	2 C	C	AB	263	0.476	0.141	1.21	0.87	G
21093	10.023	0.024	9.449	0.022		0.540	0.024	T	0.61	0.03	L	9.5206	0.0027	0.030	118		9.47	9.57					1						
21094	9.357	0.023	7.264	0.010		1.703	0.034	G	1.72	0.03	C	7.1686	0.0008	0.007	63		7.15	7.18		C			1						S
21095	8.367	0.011	7.875	0.011		0.463	0.014	T	0.53	0.01	L	7.9195	0.0014	0.012	84		7.90	7.94		C			1						S
21096	10.398	0.031	9.391	0.021		0.879	0.028	T	0.89	0.02	L	9.4832	0.0025	0.021	96		9.44	9.52		C			1						
21097	10.026	0.020	8.950	0.014		0.931	0.019	T	0.93	0.01	L	9.0326	0.0020	0.026	158		9.00	9.09					1						
21098	9.161	0.015	7.639	0.008	*	1.279	0.013	T	1.24	0.01	L	* 7.6445	0.0014	0.011	120	*	7.62	7.67		D	04313−3546	I 1	2 C	A	AB	135	0.488	0.002	0.13	0.02	S
21099	9.532	0.025	8.673	0.020		0.734	0.014	G	0.78	0.02	A	8.7268	0.0025	0.015	56		8.70	8.75		C			1						
21100	10.136	0.025	9.676	0.026		0.518	0.015	G	0.59	0.02	H	9.7034	0.0019	0.023	111		9.65	9.74					1						

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
21101		04 31 16.23	−81 15 57.1	7.85		H	67.817 632 22	−81.265 859 25		2.74	27.30	28.06	0.51	0.60	0.64	0.50	0.80	−17	+21	−9	−7	−6	+1	−8	−19	+3	−16	1	−0.57
21102		04 31 16.24	+07 27 09.5	7.82		H	67.817 683 35	+07.452 652 48		5.76	2.41	−10.34	0.97	0.55	1.03	1.23	0.86	+26	+37	+7	−3	−7	+5	−12	+28	−9	+25	0	1.98
21103		04 31 16.51	+25 01 50.2	8.55		H	67.818 792 23	+25.030 612 56		27.77	−53.84	−63.34	1.01	0.75	1.06	1.16	1.00	+42	+30	−5	−1	+3	−8	−5	+32	−11	+51	3	0.87
21104		04 31 20.37	−28 52 54.9	7.47		G	67.834 867 77	−28.881 905 25		5.21	−15.10	−0.89	0.48	0.61	0.83	0.55	0.70	−9	−1	−17	+0	−14	+23	−11	−18	+13	−7	0	−0.42
21105		04 31 23.14	+31 16 41.8	9.06		H	67.846 421 52	+31.278 280 78		13.03	9.99	−48.04	1.29	0.72	1.48	1.64	1.04	+14	+25	+0	−15	−4	+5	−8	+34	−35	+4	0	−0.68
21106		04 31 23.68	−59 46 00.8	7.01		G	67.848 655 30	−59.766 887 03		8.47	11.11	7.60	0.51	0.48	0.53	0.51	0.53	−15	+21	−13	+2	−4	+5	−4	−2	−2	−13	0	2.43
21107		04 31 24.05	+07 48 53.8	9.24		H	67.850 209 67	+07.814 932 08		7.95	3.68	−9.27	1.41	0.77	1.62	1.58	1.24	+25	+48	+10	+2	−2	+2	−19	+31	−31	+23	0	−1.65
21108	H	04 31 24.10	+40 00 36.8	6.25	1	H	67.850 409 25	+40.010 214 96	A	1.91	0.83	−9.09	1.63	1.54	1.46	1.96	2.00	+32	+7	−38	+7	+30	−5	+21	+62	−51	+43	10	1.79
21109		04 31 25.45	+04 34 31.1	8.38		H	67.856 054 28	+04.575 318 65		5.92	0.22	−12.85	1.13	0.85	1.28	1.61	1.47	+35	+19	+7	+17	+19	−24	+9	+51	−11	+54	0	0.94
21110		04 31 25.86	−13 38 38.8	6.25		H	67.857 755 63	−13.644 119 79		8.16	−17.46	−42.03	0.59	0.45	0.87	0.93	0.73	+7	+13	−13	+2	+9	+26	+11	+29	−39	−19	0	−0.67
21111		04 31 27.79	+38 44 11.9	8.60		H	67.865 807 22	+38.736 638 82		4.46	13.78	−29.82	1.14	0.79	1.27	1.21	1.08	+32	+30	+8	+15	+24	−5	+15	+66	−22	+33	0	1.59
21112		04 31 29.29	+13 54 12.7	7.78		G	67.872 049 66	+13.903 517 10		19.46	92.60	−19.96	0.98	0.59	1.02	1.28	0.94	+28	+12	−9	−6	−13	+11	−20	+15	+3	+46	0	1.50
21113		04 31 30.63	−31 41 36.4	8.36		G	67.877 639 26	−31.693 445 37		12.07	14.84	13.00	0.61	0.68	0.92	0.70	0.78	−6	+13	−22	+30	−11	+20	−6	+10	−3	+4	0	1.69
21114		04 31 30.73	−32 31 07.2	7.85		G	67.878 021 03	−32.518 660 93		4.28	−8.50	2.58	0.51	0.62	0.79	0.54	0.70	+3	+9	−21	+11	−4	+14	−2	+8	−9	+19	2	1.19
21115		04 31 31.04	+22 13 15.1	11.47		H	67.879 352 45	+22.220 859 47		2.82	6.97	−1.07	2.75	2.00	3.01	3.23	2.93	+29	+33	−8	+2	+20	+7	+5	+37	−6	+61	0	0.02
21116		04 31 33.22	+77 47 13.0	9.28		H	67.888 409 01	+77.786 951 52		4.81	15.54	−25.46	0.76	0.87	1.09	0.77	1.01	−13	+15	−1	−7	+23	+14	+25	+13	+16	+0	0	−0.31
21117	H	04 31 33.55	+37 39 08.8	8.21		H	67.889 796 81	+37.652 447 42	A	10.03	29.34	−29.84	2.28	1.25	2.39	1.83	1.42	+12	+38	−21	−8	+12	+3	−2	+60	−60	+14	2	−0.85
21118	H	04 31 34.60	−35 54 20.8	7.91		G	67.894 168 20	−35.905 788 39	A	6.91	33.07	42.41	1.12	1.23	1.30	1.15	1.27	+8	−6	+6	−2	−1	−10	+3	+3	−21	+7	3	0.14
21119		04 31 35.14	−07 01 25.7	9.57		G	67.896 425 32	−07.023 808 98		3.38	7.16	8.26	1.37	0.92	1.58	1.44	1.23	+36	+43	+4	+44	+42	+4	+39	+68	−6	+32	0	0.06
21120		04 31 35.77	+22 50 42.4	7.51		G	67.899 047 15	+22.845 118 33		4.72	26.82	−30.47	0.91	0.69	0.94	1.01	0.90	+29	+39	−11	+33	+29	−6	+18	+60	−8	+52	0	1.07
21121		04 31 35.91	−31 31 08.4	7.56		H	67.899 620 35	−31.518 988 28		13.45	−54.48	−103.37	0.50	0.59	0.80	0.57	0.71	−7	+5	−13	+17	−11	+10	−10	+3	+10	−7	1	1.38
21122		04 31 36.15	+29 55 37.8	8.40		H	67.900 616 73	+29.927 161 27		6.41	14.32	−36.19	1.12	0.72	1.22	1.29	0.92	+21	+31	−10	+32	+14	−29	+1	+64	−27	+34	0	−0.82
21123		04 31 37.04	+17 42 35.5	9.53		G	67.904 324 76	+17.709 852 41	+	23.41	105.81	−30.97	1.37	0.95	1.65	1.60	1.25	+18	+30	+28	+10	−19	−1	−24	−8	−24	+9	0	1.68
21124		04 31 37.77	−79 52 15.9	9.26		H	67.907 390 44	−79.871 096 82		2.44	−1.22	11.05	0.74	0.92	0.88	0.86	1.23	+7	+0	−13	−21	−7	+8	−10	+4	−15	+21	5	−0.23
21125		04 31 39.21	−29 44 36.6	10.19		G	67.913 395 32	−29.743 511 05		14.66	103.80	−141.53	0.96	1.30	1.65	1.16	1.47	−15	+7	−23	+1	−7	+2	−8	−19	+0	−23	0	0.74
21126		04 31 41.50	+55 53 07.4	8.53		G	67.922 917 42	+55.885 399 35		3.94	−12.48	−21.41	0.81	0.66	1.11	0.99	0.90	+2	+10	−15	+36	+8	−5	+1	+60	−31	+14	0	−2.25
21127		04 31 41.79	+53 48 46.0	9.48		H	67.924 142 63	+53.812 782 23		1.62	1.25	−2.31	0.91	0.75	1.51	1.10	0.95	+2	+10	−7	+34	−10	+3	−17	+60	−32	+15	0	1.02
21128		04 31 43.07	+03 19 04.0	9.18		H	67.929 460 72	+03.317 767 97		3.13	−7.55	−1.45	1.63	1.30	1.90	2.10	2.22	+5	+36	−42	+29	+39	−26	+0	+74	−40	+57	0	−0.21
21129		04 31 43.34	−21 00 29.3	9.15		H	67.930 577 01	−21.008 142 57		10.20	70.95	−43.01	0.81	0.88	1.28	0.98	1.18	−7	+2	−9	−30	+16	+1	+18	+5	−9	−11	1	−0.10
21130		04 31 44.63	−01 21 09.1	8.23		H	67.935 956 80	−01.352 534 22		7.11	14.95	−24.82	1.14	0.94	1.32	1.37	1.30	+26	+32	−33	+20	+27	−13	+11	+48	−30	+48	0	−1.94
21131		04 31 47.13	−49 19 17.2	9.26		G	67.946 395 83	−49.321 434 28		10.06	36.00	327.24	0.70	0.69	0.79	0.79	0.73	+6	−4	+5	+25	−6	−2	−6	−8	−19	+2	0	−0.45
21132	H	04 31 47.84	+14 09 17.9	10.33		H	67.949 345 19	+14.154 960 82	A	28.36	−330.66	−352.00	13.09	9.91	4.86	10.18	8.91	+91	+13	+14	−56	−61	−29	−60	−61	−30	+87	44	0.94
21133		04 31 48.42	−24 06 36.8	7.86		H	67.951 767 36	−24.110 216 74		4.23	1.86	−1.45	0.42	0.61	0.92	0.43	0.62	−12	+15	−22	−6	−18	+15	−21	−19	−11	−41	2	0.45
21134		04 31 49.64	+25 53 07.1	9.74		H	67.956 830 94	+25.885 311 59		8.34	7.50	−41.62	1.33	1.02	1.47	1.73	1.36	+42	+14	−19	+12	+19	−17	+16	+56	−24	+41	0	0.47
21135		04 31 50.44	+05 45 52.2	6.68		H	67.960 164 14	+05.764 496 02		5.10	16.54	−20.40	1.05	0.58	1.00	1.12	0.92	−16	+44	−8	+31	−24	+4	−33	+47	−6	+3	0	1.31
21136		04 31 50.65	−80 17 24.4	8.43		H	67.961 061 39	−80.290 100 77		3.46	13.84	19.79	0.61	0.67	0.70	0.69	0.90	−3	+10	−13	−5	−14	+4	−16	−5	−6	+8	0	−0.22
21137		04 31 51.69	+15 51 05.9	6.01		H	67.965 387 57	+15.851 638 70		22.25	107.59	−32.38	0.99	0.50	1.14	0.81	0.65	+23	+67	+3	+16	+12	−12	−21	+37	−45	+17	0	0.66
21138		04 31 52.41	+15 29 58.3	11.02		G	67.968 368 42	+15.499 541 19		15.11	100.76	−23.42	3.39	1.67	4.75	4.54	3.21	+7	+52	−11	+12	−3	+18	−33	+19	−69	−35	5	0.16
21139		04 31 52.67	−00 02 38.4	4.91		G	67.969 456 12	−00.043 991 15		3.93	−3.76	−8.17	0.91	0.61	0.96	1.15	0.94	+2	+33	−8	+31	−2	+13	−7	+47	−13	+4	0	0.04
21140		04 31 53.53	−61 23 04.3	8.81		H	67.973 058 24	−61.384 534 11		0.52	−4.05	−4.78	0.75	0.83	0.84	0.92	1.18	−3	−10	−14	−18	+10	+1	+3	+14	+18	+14	4	0.41
21141		04 31 55.92	−75 40 51.9	8.21		H	67.982 989 87	−75.681 094 23		10.95	17.97	−55.09	0.70	0.74	0.77	0.67	0.87	−9	+34	−24	−29	−1	+4	+2	−28	+7	−12	0	−0.34
*21142		04 31 56.98	+70 34 33.0	7.65		H	67.987 422 76	+70.575 840 46		1.72	29.43	−39.26	0.42	0.62	0.83	0.46	0.74	−10	+12	+1	+1	+7	−2	+10	+8	+16	−20	5	−0.19
*21143		04 31 56.92	−12 37 57.5	7.16		H	67.987 174 79	−12.632 650 30		17.95	109.29	4.68	0.62	0.50	0.84	0.73	0.66	+18	+24	−21	+40	+23	−10	+15	+50	−25	+23	0	0.23
*21144		04 31 56.94	+36 44 34.3	6.35		H	67.987 263 75	+36.742 852 69		8.47	4.23	−67.69	0.70	0.49	0.87	0.77	0.71	+30	+29	−25	−13	+29	−22	−2	+53	−49	+60	0	−1.20
21145		04 31 59.53	−04 22 53.7	7.79		H	67.998 043 38	−04.381 595 41		2.43	33.51	−2.05	1.01	0.60	1.07	1.15	0.91	−8	+43	−7	+31	−1	−2	−4	+52	−1	+4	0	0.64
21146		04 31 59.79	−33 53 55.0	8.11		H	67.999 118 70	−33.898 607 60		3.40	3.75	−0.76	0.52	0.65	0.76	0.57	0.75	−3	+1	−15	+10	−7	+7	−7	+21	−13	+6	0	0.02
21147		04 31 59.81	−20 41 57.8	6.76		H	67.999 207 14	−20.699 400 67		4.56	12.65	−29.79	0.61	0.54	0.79	0.77	0.69	−14	+19	−17	+11	+6	−2	+3	+29	−18	−19	1	−1.82
21148		04 32 01.84	+53 54 39.0	5.78	1	H	68.007 679 12	+53.910 844 67	A	−1.53	−3.19	−5.99	0.81	0.70	1.02	0.87	0.75	−9	+23	−20	+43	−18	+12	−26	+62	−44	+5	7	1.32
21149		04 32 02.34	−57 09 44.4	8.52		H	68.009 749 38	−57.162 322 55		3.16	−10.18	5.97	0.67	0.67	0.71	0.83	0.77	−12	+7	−13	−9	−4	+2	−2	+6	−1	−18	1	−0.90
21150		04 32 03.30	−65 06 54.0	8.74	2	H	68.013 764 18	−65.115 004 73		2.51	26.82	−2.08	0.71	0.76	0.79	0.75	0.90	−9	+17	−9	−8	−13	+25	−12	+2	−4	−15	0	−0.72
21151		04 32 04.59	−49 56 52.7	8.44		G	68.019 138 47	−49.947 960 09		8.77	−4.48	22.58	0.60	0.63	0.70	0.67	0.67	+2	+7	+9	+21	−1	+16	−2	+12	−13	+7	1	0.54
21152		04 32 04.74	+05 24 36.1	6.37		H	68.019 759 15	+05.410 019 99		23.13	114.15	6.17	0.89	0.54	0.92	1.12	0.90	+5	+30	+12	+12	−14	−15	−19	+43	+8	+15	0	0.03
21153	H	04 32 06.37	+46 59 02.4	8.54		H	68.026 520 91	+46.983 986 27	*	1.55	0.92	−5.72	1.29	0.76	1.61	1.44	1.08	−14	+43	−30	−25	+12	+3	−13	+52	−39	+12	0	0.07
21154		04 32 06.76	−28 48 22.0	7.42		G	68.028 183 82	−28.806 113 00		9.84	162.14	−113.83	0.48	0.61	0.82	0.54	0.67	−8	+6	−23	−6	−13	+24	−8	−26	+13	−7	0	−0.06
21155		04 32 07.08	+05 37 32.6	8.76		H	68.029 494 37	+05.625 732 22		9.20	34.82	−31.74	1.62	0.80	1.64	1.66	1.42	−2	+54	+1	+18	−9	−6	−31	+53	−23	+14	0	−0.96
21156		04 32 07.20	−09 17 47.7	9.69		H	68.029 983 36	−09.296 584 15		5.46	−2.32	−8.36	0.94	0.75	1.32	1.34	1.22	+25	+8	−6	+38	+17	−3	+17	+50	−9	+17	0	0.07
21157		04 32 07.38	−77 28 38.6	8.83		H	68.030 744 24	−77.477 381 45		2.42	−9.99	−6.07	0.73	0.80	0.82	0.80	1.06	−14	+25	−23	−21	+9	−10	+7	−26	−4	−11	0	−0.16
21158		04 32 07.91	+21 37 56.5	7.08		H	68.032 949 12	+21.632 365 03		25.55	−0.39	−2.75	0.95	0.64	0.92	1.18	1.03	+48	+35	+5	−37	−26	+3	−37	−16	−4	+76	0	0.57
21159		04 32 10.94	+29 00 56.1	9.18	1	G	68.045 579 45	+29.015 596 67		2.91	−1.54	−9.25	1.14	0.78	1.22	1.17	0.96	+29	+40	+12	+12	+11	−10	+2	+52	−9	+37	0	0.84
21160		04 32 10.97	−60 31 31.6	9.31		H	68.045 689 41	−60.525 443 51		2.75	27.12	45.81	0.81	0.97	0.96	1.00	1.25	−6	+14	−24	−8	−8	+21	−2	+17	+3	−7	1	1.54
*21161		04 32 12.18	−01 30 26.9	8.03		G	68.050 764 57	−01.507 473 31		8.18	17.84	3.37	1.17	0.73	1.31	1.18	1.11	+28	+57	+5	+22	+23	+3	+6	+53	−14	+40	0	−1.66
*21162		04 32 12.11	+30 30 53.1	10.65		H	68.050 438 48	+30.514 750 01		0.64	26.58	−11.11	2.08	1.33	2.33	2.91	1.87	+19	+30	−17	+7	+7	+12	+4	+53	−23	+18	0	0.98
21163		04 32 12.32	−45 47 57.3	8.07		H	68.051 334 09	−45.799 260 21		0.37	3.60	17.29	0.59	0.63	0.72	0.65	0.69	−6	+15	−23	+16	−20	+29	−15	+6	−13	+4	0	−0.19
21164		04 32 14.96	+64 14 49.1	8.99		H	68.062 343 40	+64.246 976 32		6.21	−16.36	−5.74	0.82	0.99	1.26	1.01	1.32	+32	−3	−7	−2	+52	−8	+46	+37	−7	+56	0	0.57
21165		04 32 15.41	+77 37 27.4	7.83		H	68.064 227 59	+77.624 286 84		23.97	199.27	−141.56	0.49	0.57	0.69	0.54	0.65	+0	+12	+8	−1	+17	+16	+17	+5	+8	+5	0	0.28
21166		04 32 17.08	+48 16 57.3	8.61		H	68.071 159 52	+48.282 594 99		−0.71	−4.04	−3.61	1.22	0.83	1.47	1.52	1.20	−38	+46	−30	+29	−22	−8	−35	+68	−23	−21	0	0.74
21167		04 32 17.23	+37 02 35.8	6.80		H	68.071 793 85	+37.043 265 01		23.09	28.76	−9.18	0.72	0.48	0.94	0.74	0.69	+23	+28	−23	−6	+28	−23	−1	+54	−54	+49	0	−0.66
21168		04 32 17.75	−13 35 11.5	9.28		H	68.073 969 13	−13.586 522 77		2.21	4.55	−0.23	0.88	0.82	1.43	1.45	1.40	+6	+7	−23	−5	+8	+21	+10	+30	−29	+6	0	−0.44
21169		04 32 17.97	−18 45 18.6	9.23		H	68.074 874 83	−18.755 172 85		3.66	13.27	4.32	0.94	0.88	1.38	1.24	1.18	−40	+12	−16	+19	−25	−7	−28	+6	+8	−51	0	−0.11
21170		04 32 18.85	−30 06 26.9	8.76		H	68.078 560 86	−30.107 480 28		1.41	2.28	1.13	0.62	0.85	1.11	0.79	0.97	−3	+9	−27	−6	−14	+12	−11	−30	+0	−6	0	0.68
21171		04 32 20.77	−43 57 25.9	9.17		H	68.086 547 12	−43.957 187 20		4.28	11.88	−21.37	0.73	0.86	0.94	0.83	1.00	+7	−8	−8	−11	−11	+20	−10	−14	+5	+13	0	−0.12
21172		04 32 21.47	−05 02 20.1	7.61		H	68.089 471 23	−05.038 919 42		27.05	−4.06	−35.30	0.87	0.58	1.02	0.89	0.79	+19	+40	−10	+44	+31	−1	+24	+67	−16	+28	0	0.41
21173		04 32 21.58	+18 12 58.3	10.58		H	68.089 931 84	+18.216 201 05		6.48	−19.44	8.03	2.28	1.44	2.49	2.67	1.88	+32	+39	+13	−14	−14	−2	−21	−5	−27	+17	0	−0.61
21174		04 32 21.80	+25 11 08.0	7.44		G	68.090 837 32	+25.185 559 36		9.16	−2.07	−28.57	0.99	0.60	1.07	1.03	0.86	+37	+58	−1	+1	+2	−2	−15	+31	−19	+57	0	1.53
21175		04 32 22.55	+43 43 16.6	9.34		H	68.093 969 96	+43.721 281 30		2.40	2.89	−1.92	1.15	0.89	1.33	1.46	1.08	−9	+30	−24	+18	−5	−21	−12	+37	−9	−11	0	−0.74
21176	H	04 32 23.97	+10 38 23.8	8.87		G	68.099 878 70	+10.639 937 05	A	2.94	−4.44	−5.37	1.51	0.98	1.42	1.87	1.31	+7	+16	−3	+4	−13	+22	−12	+25	−24	−7	0	0.08
21177		04 32 24.47	+00 58 48.6	7.26		H	68.101 948 13	+00.980 162 49		4.82	12.67	−13.65	0.85	0.65	0.95	1.01	1.00	+36	+33	+5	+24	+23	−12	+14	+54	−14	+45	0	0.34
21178	H	04 32 25.43	+38 48 35.9	8.81		H	68.105 940 76	+38.809 971 42	A	9.66	19.91	−21.08	3.13	1.76	3.15	2.80	2.13	+38	+41	+25	+3	+19	+17	+9	+48	−11	+33	1	0.38
21179		04 32 25.59	+13 06 47.8	11.00	2	G	68.106 630 18	+13.113 277 59		17.55	102.37	−18.77	2.65	1.54	2.97	3.58	2.75	+29	+41	−12	+13	+5	+19	−8	+33	−6	+59	0	1.21
21180		04 32 26.52	−17 16 03.9	8.11		H	68.110 498 50	−17.267 756 83		4.39	−3.51	−2.38	0.78	0.65	1.03	1.11	0.92	−39	+22	−12	+10	−21	−1	−16	+30	−5	−62	0	1.14
21181		04 32 28.97	−17 44 28.2	8.32		H	68.120 706 77	−17.741 174 68		4.40	30.19	−8.44	0.74	0.70	1.10	0.98	0.92	−32	+22	−16	+26	−30	+12	−31	+23	−17	−44	0	0.46
21182		04 32 28.99	+44 37 06.3	8.63		H	68.120 771 66	+44.618 404 68		5.20	−2.26	−9.64	0.99	0.75	1.16	1.05	0.92	−11	+42	−21	+0	+1	−7	−6	+10	−14	+1	0	0.07
*21183		04 32 29.17	−55 58 19.9	9.18		H	68.121 531 46	−55.972 186 74		4.53	−16.29	−16.20	0.65	0.72	0.73	0.87	0.93	−6	−6	−5	+0	+4	−3	+3	−12	+0	−13	0	0.94
*21184		04 32 29.15	−64 51 12.2	8.80		H	68.121 446 21	−64.853 396 79		4.68	25.09	−13.52	0.69	0.72	0.75	0.69	0.83	+0	+2	+0	−31	+2	+24	+3	−19	+3	+0	0	−1.18
21185		04 32 30.20	−38 59 35.1	12.79		H																							
21186	H	04 32 30.41	+04 08 23.8	11.03		G	68.126 726 41	+04.139 930 98	A	24.04	51.61	−162.12	4.75	3.78	4.57	7.06	7.00	+35	+1	−2	+27	+42	−20	+19	+67	−16	+69	0	0.21
21187		04 32 30.72	−56 13 34.7	8.54		G	68.127 980 49	−56.226 301 49		16.37	42.86	89.30	0.66	0.66	0.70	0.84	0.78	−11	−6	−4	−8	+0	−2	+1	+2	+0	−23	1	−0.27
21188		04 32 31.57	+36 14 14.0	9.12		H	68.131 548 67	+36.237 216 54		4.04	61.54	−33.46	1.14	0.65	1.37	1.24	0.90	+22	+28	−7	−7	−1	−27	−17	+42	−45	+35	0	−0.94
21189		04 32 32.75	+44 54 09.2	7.86		H	68.136 455 84	+44.902 548 11		3.70	−5.51	−6.73	0.92	0.68	1.04	0.98	0.83	−3	+26	+10	+1	+8	−8	+4	+11	−21	−1	0	−0.43
21190		04 32 35.36	−40 12 29.9	8.37	2	H	68.147 352 16	−40.208 307 98		2.86	7.91	6.65	0.75	0.75	0.89	0.88	0.96	−13	−8	−10	−32	+5	−7	+5	−18	+18	−30	0	1.10
21191		04 32 37.07	−43 26 03.1	8.81		H	68.154 445 83	−43.434 193 68		2.44	30.42	13.66	0.77	0.90	0.99	0.85	1.00	−15	+15	−35	−21	+2	−1	+0	−9	+5	+9	0	−0.81
21192		04 32 37.54	−03 12 34.2	5.76	2	T	68.156 428 48	−03.209 500 26		7.61	17.97	−16.69	0.76	0.51	0.83	0.93	0.84	+14	+27	−5	+30	+10	+10	+6	+38	+4	+39	0	−1.20
21193	H	04 32 37.82	−25 12 17.7	8.01		H	68.157 602 36	−25.204 924 73	A	7.14	5.29	18.75	1.14	2.23	1.21	0.68	1.15	−31	+3	−14	−22	+0	−10	+0	−8	−1	+7	1	−0.26
21194		04 32 39.48	+12 13 00.4	10.93		H	68.164 513 81	+12.216 773 19		9.42	−67.09	−150.20	2.61	1.48	2.76	3.54	2.53	+37	+29	−10	−22	−20	+0	−32	+7	−26	+50	2	0.05
21195		04 32 40.73	−50 28 18.0	9.16		H	68.169 690 33	−50.471 664 72		1.87	14.21	−23.64	0.73	0.74	0.86	0.81	0.76	+11	+21	+0	+16	−5	+15	−6	−9	−14	+17	0	−1.04
21196		04 32 40.83	+31 24 18.1	8.70		H	68.170 144 82	+31.405 032 41		1.35	−0.47	−9.46	1.17	0.70	1.38	1.52	0.93	+40	+15	−14	−26	−17	+11	−12	+27	−39	+21	0	0.17
21197		04 32 40.90	+34 08 09.4	10.89		G	68.170 413 54	+34.135 949 13		25.01	120.91	−235.33	1.90	1.11	2.05	2.23	1.58	+20	+19	−10	−10	−3	−7	−18	+38	−23	+41	0	−0.58
21198		04 32 41.80	−51 45 16.9	9.42		H	68.174 160 64	−51.754 702 66		4.72	0.79	9.93	0.76	0.83	0.89	0.74	0.85	+1	+23	−3	−2	−5	+5	−2	−2	+9	−4	1	−0.29
21199		04 32 42.92	−47 12 35.4	9.79		H	68.178 818 33	−47.209 826 87		3.85	−8.34	4.39	0.88	0.93	1.04	0.93	1.08	+12	+1	+9	+2	+8	−8	+9	+5	−14	+22	3	−0.62
21200		04 32 43.25	−55 35 49.5	8.17		H	68.180 191 38	−55.597 085 05		10.22	−14.75	120.38	0.61	0.59	0.67	0.75	0.84	−8	+13	−5	+4	+4	−23	+0	−1	−19	+9	0	0.49

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
21101	9.799	0.021	8.033	0.010		1.472	0.018	T	1.49	0.03	L	7.9808	0.0015	0.014	114		7.96	8.00					1							S
21102	9.128	0.015	7.936	0.010		1.021	0.014	T	0.99	0.01	L	7.9918	0.0012	0.009	87		7.98	8.01		C			1							S
21103	9.578	0.021	8.634	0.016		0.803	0.019	G	0.84	0.02	H	8.6901	0.0029	0.017	69		8.67	8.72					1							
21104	7.809	0.005	7.519	0.006		0.275	0.008	T	0.31	0.01	L	7.5506	0.0012	0.014	152		7.53	7.58					1							S
21105	10.041	0.030	9.163	0.023		0.768	0.029	T	0.81	0.02	L	9.2017	0.0026	0.020	77		9.18	9.25		C			1							
21106	7.265	0.006	7.035	0.006		0.213	0.007	G	0.24	0.01	H	7.0705	0.0009	0.008	102		7.06	7.09		C			1							S
21107	10.076	0.030	9.303	0.024		0.703	0.030	T	0.76	0.03	L	9.3797	0.0019	0.017	82		9.35	9.41		C			1							
21108	6.247	0.010	6.238	0.013	*	0.009	0.014	T	0.03	0.01	L *	6.2565	0.0008	0.006	81	*	6.24	6.28		U 2	04314+4001	I 1	2 C A	AB	116	8.998	0.003	0.46	0.01	S
21109	9.697	0.036	8.521	0.023		1.008	0.033	T	0.98	0.03	L	8.5439	0.0022	0.013	58		8.52	8.56		C			1							
21110	6.359	0.003	6.263	0.004		0.086	0.003	G	0.10	0.00	H	6.2895	0.0009	0.007	109		6.28	6.30		C	04314−1339	I 1	1							S
21111	10.096	0.027	8.760	0.015		1.133	0.024	T	1.10	0.03	L	8.7654	0.0014	0.013	90		8.75	8.79					1							
21112	8.431	0.015	7.832	0.014		0.540	0.019	G	0.61	0.02	A	7.8860	0.0012	0.010	70		7.87	7.91					1							S
21113	8.865	0.011	8.382	0.010		0.465	0.015	G	0.54	0.02	H	8.4593	0.0017	0.018	152		8.43	8.49					1							S
21114	8.236	0.009	7.876	0.008		0.362	0.015	G	0.42	0.02	H	7.9320	0.0015	0.014	157		7.91	7.96		C			1							S
21115	11.995	0.175	11.265	0.146		0.655	0.172	T	0.72	0.15	L	11.6067	0.0045	0.037	59		11.54	11.66					1							G
21116	9.603	0.017	9.317	0.019		0.272	0.024	T	0.31	0.03	L	9.3536	0.0024	0.023	128		9.30	9.39		C			1							
21117	9.106	0.013	8.439	0.011	*	0.618	0.014	T	0.69	0.01	L *	8.3379	0.0011	0.009	95	*	8.32	8.35		D	04316+3739	I 1	2 C A	AB	322	1.020	0.004	0.87	0.02	S
21118	8.537	0.011	8.125	0.011	A	0.413	0.015	G	0.48	0.02	H *	8.0124	0.0013	0.013	116	*	7.99	8.04		D	04316−3554	I 1	2 C A	AB	358	1.322	0.005	0.85	0.02	S
21119	10.918	0.046	9.692	0.025		1.036	0.015	G	1.01	0.01	H	9.7358	0.0019	0.020	115		9.69	9.77		C			1							
21120	7.744	0.009	7.530	0.010		0.200	0.015	G	0.22	0.02	H	7.5749	0.0015	0.010	61		7.56	7.59		C			1							S
21121	8.032	0.007	7.597	0.006		0.424	0.007	T	0.49	0.01	L	7.6533	0.0009	0.012	154		7.63	7.67					1							S
21122	8.872	0.015	8.440	0.015		0.422	0.017	T	0.49	0.02	L	8.4959	0.0016	0.014	89		8.47	8.52		C			1							
21123	10.818	0.059	9.630	0.034		0.987	0.023	G	1.04	0.03	I	9.6865	0.0023	0.021	65		9.64	9.72		C			1 O							
21124	10.777	0.042	9.382	0.021		1.179	0.037	T	1.14	0.03	L	9.4178	0.0017	0.017	96		9.39	9.45					1							
21125	11.044	0.053	10.275	0.043		0.676	0.015	G	0.74	0.01	H	10.3367	0.0038	0.033	126		10.28	10.40		C			1							
21126	9.220	0.013	8.582	0.012		0.580	0.015	G	0.65	0.01	H	8.6507	0.0013	0.012	117		8.63	8.68		C			1							
21127	9.836	0.019	9.565	0.022		0.258	0.027	T	0.29	0.03	L	9.5537	0.0019	0.023	156		9.52	9.59					1							G
21128	10.488	0.058	9.260	0.033		1.049	0.052	T	1.02	0.04	L	9.3491	0.0020	0.013	49		9.31	9.37					1							
21129	9.967	0.023	9.212	0.018		0.674	0.022	T	0.73	0.02	L	9.2908	0.0021	0.021	147		9.25	9.33		C			1							S
21130	9.516	0.027	8.347	0.018		1.003	0.025	T	0.98	0.02	L	8.3996	0.0020	0.013	57		8.38	8.43		C			1 S							S
21131	9.876	0.018	9.305	0.017		0.552	0.018	G	0.62	0.02	H	9.3731	0.0019	0.020	105		9.33	9.40					1							
21132	11.710	0.116	10.707	0.078	A	0.432	0.107	G	0.50	0.11	R *	10.4229	0.0039	0.031	66	*	10.38	10.47		D	04318+1409	M 1	2 C D	AB	193	2.661	0.041	0.55	0.15	G D
21133	7.992	0.005	7.877	0.007		0.104	0.008	T	0.12	0.01	L	7.8969	0.0027	0.029	213		7.85	7.95		R	04318−2407	I 1	1 S							S
21134	10.454	0.048	9.833	0.046		0.580	0.040	G	0.65	0.04	R	9.8701	0.0029	0.015	63		9.83	9.89					1 S							G
21135	6.672	0.006	6.675	0.006		0.006	0.002	G	0.03	0.00	H	6.6890	0.0012	0.009	82		6.68	6.70		C			1							S
21136	9.887	0.024	8.567	0.014		1.121	0.022	T	1.08	0.02	L	8.5963	0.0021	0.015	93		8.58	8.62		C			1							
21137	6.410	0.005	6.042	0.006		0.338	0.012	G	0.41	0.03	C	6.0896	0.0012	0.005	59		6.08	6.10		C			1							S
21138	13.130	0.726	11.422	0.248		1.280	0.014	G	1.46	0.02	I	11.1400	0.0057	0.035	55		11.07	11.19		C			1							G
21139	6.645	0.006	5.051	0.005		1.320	0.040	G	1.25	0.02	A	5.0807	0.0012	0.006	39		5.07	5.10					1							S
21140	10.101	0.026	8.931	0.017		1.004	0.024	T	0.98	0.02	L	8.9715	0.0020	0.019	97		8.95	9.01					1							
21141	9.049	0.013	8.304	0.011		0.681	0.013	T	0.74	0.01	L	8.3538	0.0011	0.016	112		8.32	8.39					1							S
21142	9.103	0.010	7.763	0.006		1.136	0.009	T	1.10	0.01	L	7.8208	0.0012	0.013	204		7.80	7.84					1							
21143	7.711	0.006	7.207	0.006		0.484	0.006	T	0.56	0.01	L	7.2636	0.0008	0.009	152		7.25	7.28		C			1							S
21144	7.725	0.007	6.466	0.004		1.089	0.020	G	1.05	0.02	H	6.5152	0.0020	0.018	115		6.48	6.53	12.56	P 1 A			1							S P
21145	9.316	0.022	7.926	0.013		1.176	0.020	T	1.14	0.02	L	7.9591	0.0013	0.010	80		7.94	7.98		C			1							S
21146	8.171	0.008	8.108	0.009		0.057	0.011	T	0.07	0.01	L	8.1348	0.0012	0.015	145		8.11	8.16		C			1							S
21147	8.784	0.010	6.958	0.005		1.519	0.009	T	1.55	0.01	L	6.8830	0.0017	0.013	115		6.86	6.91					1							S
21148	5.906	0.003	5.783	0.003	A	0.119	0.004	T	0.13	0.00	L	5.8249	0.0029	0.008	162	A	5.81	5.85		U 2	04320+5354	I 1	2 C A	AB	308	10.334	0.002	1.13	0.01	S P
21149	9.715	0.020	8.618	0.014		0.947	0.019	T	0.94	0.01	L	8.6827	0.0013	0.016	102		8.66	8.71		C			1							S
21150	10.183	0.027	8.843	0.015		1.136	0.024	T	1.10	0.03	L	8.9142	0.0014	0.015	109		8.89	8.95		U			1							
21151	8.840	0.010	8.474	0.010		0.347	0.013	T	0.41	0.02	L	8.5345	0.0013	0.017	122		8.51	8.57					1							S
21152	6.867	0.005	6.411	0.006		0.420	0.014	G	0.49	0.03	C	6.4639	0.0009	0.007	73		6.45	6.47		C			1							S
21153	11.591	0.111	8.975	0.020	*	1.587	0.317	G	1.59	0.34	R *	8.6584	0.0023	0.015	70	*	8.63	8.68		C	04321+4659	H 1	2 C S A	AB	343	0.127	0.014	0.83	0.79	
21154	8.821	0.010	7.541	0.006		1.090	0.015	G	1.16	0.02	I	7.5915	0.0011	0.013	169		7.56	7.62					1							S
21155	9.304	0.019	8.821	0.019		0.455	0.024	T	0.52	0.03	L	8.8605	0.0016	0.011	68		8.84	8.89					1							
21156	10.127	0.022	9.739	0.023		0.398	0.015	G	0.46	0.02	H	9.7821	0.0022	0.021	152		9.74	9.83					1							
21157	10.096	0.027	8.926	0.017		1.004	0.025	T	0.98	0.02	L	8.9967	0.0018	0.015	98		8.97	9.03					1							
21158	7.848	0.009	7.153	0.007		0.641	0.009	T	0.71	0.01	L	7.2116	0.0010	0.006	68		7.20	7.22		C			1							S
21159	9.716	0.022	9.282	0.023		0.549	0.015	G	0.62	0.01	H	9.2895	0.0025	0.030	88		9.24	9.33		U			1							
21160	10.669	0.039	9.392	0.021		1.087	0.035	T	1.05	0.03	L	9.4782	0.0030	0.021	97		9.44	9.52		C			1							
21161	8.354	0.014	8.078	0.015		0.296	0.015	G	0.34	0.02	H	8.0941	0.0011	0.011	68		8.08	8.12		D			1							S
21162	11.934	0.168	10.801	0.096		0.975	0.151	T	1.02	0.14	L	10.7880	0.0041	0.027	70		10.74	10.83		C			1							G
21163	9.595	0.017	8.199	0.010		1.200	0.015	G	1.16	0.01	H	8.2316	0.0013	0.012	125		8.21	8.25					1							
21164	9.569	0.018	9.038	0.017		0.498	0.022	T	0.57	0.02	L	9.1050	0.0020	0.019	124		9.07	9.13		C			1							
21165	8.579	0.008	7.897	0.007		0.630	0.009	T	0.70	0.01	L	7.9630	0.0013	0.014	155		7.94	7.99					1							S
21166	8.979	0.015	8.656	0.015		0.307	0.020	T	0.35	0.03	L	8.6879	0.0018	0.013	93		8.67	8.71		C			1							
21167	7.351	0.005	6.851	0.005		0.470	0.006	T	0.54	0.01	L	6.9006	0.0005	0.005	111		6.89	6.91					1							S
21168	9.500	0.019	9.271	0.022		0.213	0.029	T	0.24	0.03	L	9.3511	0.0019	0.018	106		9.31	9.39					1							
21169	11.180	0.059	9.398	0.022		1.514	0.052	T	1.66	0.17	O	9.3389	0.0023	0.019	97		9.30	9.38		C			1							
21170	10.309	0.031	8.908	0.017		1.184	0.028	T	1.14	0.03	L	8.9296	0.0020	0.017	121		8.89	8.97					1							
21171	9.905	0.021	9.211	0.017		0.628	0.020	T	0.70	0.02	L	9.3011	0.0023	0.018	116		9.27	9.34					1							
21172	8.435	0.008	7.688	0.009		0.683	0.010	T	0.74	0.01	L	7.7511	0.0012	0.010	114		7.74	7.77					1							S
21173	11.286	0.105	10.729	0.109		0.521	0.135	T	0.59	0.14	L	10.6959	0.0053	0.025	52		10.66	10.75		C			1							G
21174	7.628	0.008	7.468	0.008		0.160	0.015	G	0.18	0.01	H	7.4975	0.0014	0.008	63		7.48	7.51		C			1							S
21175	9.561	0.028	9.268	0.031		0.279	0.039	T	0.32	0.05	L	9.4102	0.0023	0.018	60		9.38	9.44		C			1							G
21176	10.720	0.051	8.964	0.020	A	1.251	0.243	G	1.21	0.24	R *	8.9145	0.0016	0.013	79	*	8.89	8.94		D	04324+1038	H 1	2 C D	AB	248	4.056	0.034	3.21	0.12	D
21177	7.192	0.008	7.239	0.010		−0.058	0.001	G	−0.04	0.00	H	7.2458	0.0007	0.005	61		7.24	7.25					1							S
21178	9.516	0.020	8.915	0.019	*	0.560	0.025	T	0.63	0.02	L *	8.9351	0.0024	0.015	81	*	8.91	8.96		D	04324+3849	I 1	2 C A	AB	271	0.648	0.008	1.22	0.03	S
21179	12.478	0.332	11.227	0.183		1.194	0.006	G	1.15	0.01	I	11.0795	0.0132	0.081	56		10.95	11.17	1.48	P 1 A			1							G
21180	9.440	0.016	8.240	0.010		1.027	0.015	T	1.00	0.01	L	8.2791	0.0016	0.018	127		8.25	8.32					1							
21181	10.263	0.026	8.493	0.012		1.504	0.024	T	1.86	0.08	O	8.4059	0.0013	0.016	120		8.38	8.44					1							
21182	8.989	0.019	8.661	0.020		0.311	0.026	T	0.36	0.04	L	8.7107	0.0031	0.016	55		8.69	8.73		C			1							
21183	9.725	0.018	9.225	0.017		0.481	0.019	T	0.55	0.02	L	9.2826	0.0021	0.020	119		9.25	9.31		C			1							
21184	9.853	0.022	8.893	0.016		0.844	0.020	T	0.86	0.01	L	8.9528	0.0017	0.017	112		8.92	8.98		C			1							
21185						1.293	0.015	G	1.48	0.03	I	12.8950	0.3097	0.694	16		12.13	13.70					1 S							G
21186						1.510	0.015	G	2.15	0.12	I *	11.2093	0.0044	0.031	64	*	11.11	11.28		D	04325+0408	M 1	2 C B	AS	256	2.710	0.039	1.81	0.10	G
21187	9.165	0.013	8.589	0.012		0.561	0.015	G	0.63	0.01	H	8.6566	0.0019	0.016	109		8.63	8.68					1							S
21188	10.103	0.025	9.239	0.019		0.773	0.024	T	0.81	0.02	L	9.2736	0.0013	0.014	107		9.24	9.29					1							
21189	8.006	0.011	7.860	0.016		0.120	0.015	G	0.13	0.01	H	7.9084	0.0012	0.010	61		7.89	7.93					1 S							S
21190	10.378	0.028	8.584	0.012		1.524	0.025	T	2.27	0.06	O	8.4223	0.0026	0.031	117		8.38	8.48		U 2			1							
21191	10.331	0.027	8.946	0.015		1.172	0.024	T	1.13	0.02	L	8.9810	0.0016	0.018	114		8.95	9.01					1							S
21192	5.606	0.007	5.741	0.007		−0.117	0.009	T	−0.10	0.01	L	5.7388	0.0081	0.043	82		5.67	5.78	1.37	P 1 A	04327−0313	I 2	1							S P
21193	8.307	0.006	8.035	0.007	*	0.259	0.008	T	0.29	0.01	L *	8.0795	0.0011	0.016	249	*	8.05	8.11		D	04326−2512	I 1	2 C A	AB	349	0.334	0.006	1.38	0.06	S
21194						0.759	0.126	G	0.80	0.11	R	11.0789	0.0054	0.034	62		10.99	11.14		C			1							G
21195	10.249	0.027	9.257	0.018		0.868	0.024	T	0.88	0.02	L	9.3218	0.0021	0.019	101		9.29	9.35					1							
21196	9.113	0.014	8.705	0.015		0.386	0.019	T	0.45	0.02	L	8.7850	0.0022	0.013	83		8.76	8.81		C			1							
21197	12.175	0.171	11.022	0.101		1.270	0.015	G	1.44	0.03	I	10.9704	0.0038	0.034	117		10.91	11.03		C			1							G
21198	10.937	0.054	9.505	0.025		1.208	0.047	T	1.17	0.05	L	9.5829	0.0025	0.020	99		9.55	9.62					1							
21199	10.049	0.022	9.826	0.027		0.207	0.034	T	0.23	0.04	L	9.8565	0.0022	0.023	114		9.82	9.89		C			1							
21200	8.614	0.010	8.210	0.010		0.412	0.015	G	0.48	0.02	H	8.2632	0.0016	0.013	123		8.24	8.28		C			1 G							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
21201		04 32 44.43	+59 52 18.1	9.04		H	68.185 118 55	+59.871 700 32		1.62	−1.40	−2.40	0.56	0.61	1.01	0.77	0.80	+17	+8	−7	+3	+11	−1	+9	+29	−4	+23	0	0.04
21202		04 32 44.86	−03 13 30.6	10.38		H	68.186 898 15	−03.225 165 27		5.47	8.54	7.11	1.57	1.23	1.83	2.25	2.09	+19	+14	−3	+17	+14	+22	+13	+28	−3	+34	0	−0.56
21203		04 32 47.23	−65 15 05.2	8.37		G	68.196 788 95	−65.251 436 38		3.62	12.71	17.36	0.69	0.74	0.77	0.73	0.85	−12	+17	−13	−1	−12	+26	−10	+2	−4	−14	0	−0.84
21204		04 32 48.45	−47 43 01.0	9.77		H	68.201 878 60	−47.716 933 65		6.64	−42.94	24.39	0.88	0.95	1.06	1.02	1.09	+5	−5	+0	−7	−10	−4	−9	+2	−22	+20	0	1.41
21205		04 32 55.97	+12 35 04.5	8.72		H	68.233 224 51	+12.584 569 63		8.96	2.36	8.63	1.31	0.84	1.51	1.89	1.41	+27	+26	−25	+4	+0	−4	−12	+26	−25	+53	0	−0.69
21206		04 32 56.09	+33 25 13.6	8.74		H	68.233 698 57	+33.420 450 81		2.33	0.79	−11.24	0.97	0.65	1.20	1.15	0.86	+37	+31	−11	−7	+10	−29	−5	+38	−30	+51	0	0.95
*21207		04 32 57.15	−33 05 49.4	8.17		H	68.238 140 36	−33.097 063 18		5.00	44.13	70.87	0.52	0.60	0.77	0.58	0.70	−3	+9	−15	+12	+1	+15	+2	+9	−15	+11	1	1.97
*21208		04 32 57.12	−00 09 02.9	8.52		G	68.238 017 09	−00.150 802 54		5.37	−16.31	−5.54	1.25	0.81	1.36	1.59	1.33	+9	+39	+11	+25	+9	+15	+4	+58	+2	+14	0	−0.20
21209		04 32 57.22	−35 42 04.8	8.07		H	68.238 404 94	−35.701 338 52		4.40	20.24	−40.64	0.57	0.69	0.81	0.63	0.85	+0	+0	−9	−6	+5	−2	+4	+2	−3	+20	1	1.35
21210		04 32 58.10	−15 46 05.4	8.37		H	68.242 070 14	−15.768 158 80		3.57	−2.53	−1.41	0.76	0.74	1.11	0.94	1.01	−5	+25	−25	+24	+5	+12	+3	+50	−34	−17	0	0.46
*21211		04 32 58.34	−70 53 48.9	9.09		H	68.243 076 52	−70.896 929 89		5.43	6.69	−7.42	0.78	0.71	0.76	0.87	0.84	−5	−2	−11	−41	+14	+21	+15	+2	−7	+3	0	−1.16
*21212		04 33 01.35	+76 01 47.8	8.07		H	68.255 608 53	+76.029 944 10		4.11	−8.63	28.60	0.52	0.69	0.81	0.62	0.87	−14	+14	−4	−19	−3	+4	+0	−2	+8	−27	0	−0.32
*21213	H	04 33 01.53	−38 17 00.3	7.63	2	H	68.256 358 98	−38.283 411 51	A	7.45	24.66	24.92	0.82	0.96	0.97	0.85	1.02	−11	−15	+3	−15	−4	+20	−3	−18	−7	−8	2	0.83
*21214		04 33 02.69	−78 22 11.9	8.96		H	68.261 226 82	−78.369 964 88		1.37	3.38	16.08	0.69	0.83	0.82	0.74	1.12	−9	+32	−17	−17	+6	−18	−1	−21	−3	−22	0	−1.04
*21215		04 33 02.87	−26 13 50.6	8.80		H	68.261 955 28	−26.230 727 31		1.14	9.81	6.33	0.58	0.84	1.19	0.80	1.25	+2	+5	−10	−10	+5	−3	+4	−10	−24	+17	0	0.58
*21216	H	04 33 03.68	−31 07 31.0	9.19		H	68.265 331 47	−31.125 275 15	A	3.75	−13.54	−13.01	1.16	1.55	1.69	1.19	1.62	−2	+15	−10	+23	−13	+17	−14	+1	−4	+0	1	0.62
*21217		04 33 04.33	+40 51 59.1	9.17		H	68.268 052 49	+40.866 418 15		−0.07	3.72	1.91	1.20	1.27	1.51	1.53	1.37	+39	+8	−50	+2	+0	+4	+2	+2	+16	+60	0	0.03
*21218		04 33 06.34	−12 32 35.9	6.67		H	68.276 412 41	−12.543 301 24		8.38	−28.90	−35.92	0.60	0.47	0.85	0.74	0.69	+25	+23	−8	+41	+18	−11	+10	+40	−26	+19	1	−0.28
*21219	H	04 33 07.11	+67 37 53.4	6.94		H	68.279 623 05	+67.631 493 02	A	7.51	9.93	−25.08	0.93	1.13	0.84	0.74	0.77	+11	+2	−11	−33	+11	+12	+12	−23	+22	−1	1	−0.45
*21220		04 33 08.03	−19 21 30.6	8.07		G	68.283 443 28	−19.358 494 48		15.07	47.33	21.89	0.71	0.71	1.04	0.92	0.88	−16	+24	+9	+22	−17	+0	−17	+23	−4	−44	0	1.39
*21221		04 33 09.01	−67 19 01.2	8.61		H	68.287 551 44	−67.316 987 48		1.23	5.50	4.94	0.67	0.74	0.74	0.78	0.94	+11	+17	−17	+6	+2	+4	+1	+21	−4	+22	0	−0.84
*21222		04 32 58.20	−16 32 33.3	10.88		G	68.242 494 81	−16.542 576 10		26.61	−73.65	−214.09	13.22	11.24	19.70	25.17	19.38	−6	+12	−2	+3	−7	+42	+1	+22	−27	−56	0	
21223		04 33 09.35	−36 56 46.1	8.74		H	68.288 978 95	−36.946 151 67		39.93	−17.66	42.46	0.72	0.75	0.93	0.86	1.00	+0	+33	−7	+2	−1	+9	−4	+2	−10	+22	0	1.33
*21224		04 33 09.86	−39 29 08.6	7.69		G	68.291 085 99	−39.485 727 39		12.75	61.83	63.77	0.60	0.65	0.75	0.61	0.76	−6	+10	−2	−23	+1	+1	−1	−10	−8	+1	0	−1.05
*21225		04 33 09.85	−25 33 35.6	7.26		H	68.291 037 64	−25.559 892 36		8.31	−12.66	−5.33	0.38	0.61	0.88	0.54	0.84	−8	+5	−24	−12	+5	−6	+3	−5	−17	+14	0	−0.44
*21226		04 33 09.84	+04 58 13.1	8.74		H	68.291 008 29	+04.970 297 07		11.35	55.34	−73.65	1.39	0.95	1.63	2.52	2.29	+14	+27	−19	+8	+43	−35	−6	+73	−34	+69	0	0.38
21227		04 33 14.04	+46 41 55.0	9.26		H	68.308 481 41	+46.698 620 93		9.93	174.87	−152.50	1.68	1.38	1.91	1.71	1.70	+28	+52	−9	−42	−34	−20	−47	−48	−30	+35	0	1.42
21228		04 33 14.75	−32 03 29.8	8.97		H	68.311 440 42	−32.058 267 06		2.70	−0.26	8.45	0.60	0.71	0.90	0.70	0.84	−9	+6	−8	+24	−5	+18	−2	+10	−12	+1	2	0.10
21229		04 33 15.42	+64 59 18.2	7.49		G	68.314 267 79	+64.988 402 75		10.97	18.45	−65.83	0.54	0.62	0.97	0.57	0.75	+5	+27	−7	−13	+16	−5	+23	+17	+27	+5	0	0.31
21230	H	04 33 15.71	+51 02 51.6	8.21		H	68.315 443 92	+51.047 658 80	A	6.24	3.66	−58.93	3.05	2.03	2.73	3.94	2.67	−34	+17	−32	+33	−6	−15	−21	+65	−32	−13	0	0.49
21231		04 33 16.00	+55 27 44.6	7.72		G	68.316 670 11	+55.462 379 81		13.27	0.16	−104.37	0.66	0.57	0.94	0.83	0.75	−6	+5	−15	+38	−7	−8	−10	+58	−28	+0	0	0.44
21232		04 33 16.21	−21 08 05.5	9.80		G	68.317 543 83	−21.134 856 32		12.90	−30.55	−186.79	0.88	0.94	1.40	0.99	1.13	−4	−2	−8	−38	+11	+0	+15	−5	−16	−13	0	1.98
21233	H	04 33 16.88	+52 48 18.0	7.22	2	G	68.320 325 54	+52.805 009 20	*	1.99	10.01	−13.94	0.59	0.45	0.96	0.68	0.61	+2	+14	−22	+10	+4	+10	−10	+59	−41	+20	1	1.64
21234		04 33 17.17	+40 30 42.5	8.79		H	68.321 555 35	+40.511 795 56		−0.83	3.25	−2.75	1.22	1.25	1.41	1.44	1.32	+40	+24	−39	+24	+35	−10	+31	+44	−5	+59	0	−0.63
21235		04 33 17.87	−84 22 34.9	8.76		H	68.324 441 94	−84.376 372 44		3.34	5.90	42.96	0.65	0.71	0.77	0.78	0.87	−12	+22	−30	−6	+6	−8	+4	−12	+4	−7	0	−1.08
21236		04 33 19.03	+64 10 11.0	6.86		H	68.329 288 19	+64.169 722 69		5.78	4.97	27.51	0.50	0.59	0.84	0.62	0.76	+23	+0	−10	+1	+45	−22	+40	+31	−13	+43	0	0.29
21237		04 33 19.82	−21 22 32.8	9.05		H	68.332 570 14	−21.375 766 88		2.23	−2.33	−31.48	0.83	0.83	1.23	0.87	1.03	−4	+0	−13	−58	+17	+0	+23	+4	−13	−11	0	−0.72
21238		04 33 21.59	+43 01 55.4	6.80		H	68.339 955 11	+43.032 066 95		13.70	24.38	−59.97	0.81	0.81	1.04	1.04	0.85	+23	+17	−47	−9	−38	+11	−29	−26	+23	+36	0	1.97
21239	H	04 33 22.09	−10 47 07.5	6.06		G	68.342 027 29	−10.785 406 51	A	3.45	−0.82	30.04	0.85	0.56	0.86	0.92	0.74	+16	+11	+6	+8	+1	+19	+0	+17	−32	−47	2	−0.60
21240	H	04 33 23.15	+19 48 49.5	8.95		H	68.346 443 80	+19.813 747 97	A	5.16	−17.58	−16.40	1.82	1.21	1.77	2.00	1.39	+12	+7	−2	−29	+8	+14	+10	+19	−26	+10	0	−0.17
21241		04 33 24.85	−23 56 19.6	8.66	2	H	68.353 527 37	−23.938 764 67		2.21	13.06	−17.92	0.58	0.78	1.13	0.61	0.85	−9	+6	−18	−11	−17	+11	−20	−19	−7	−39	0	0.06
21242		04 33 24.90	+43 03 50.0	6.09		H	68.353 746 01	+43.063 880 24		15.48	5.65	5.34	0.74	0.64	0.90	0.85	0.68	+8	+31	−29	+12	−6	−13	−9	+15	−3	+13	3	1.44
21243		04 33 25.38	−38 18 12.4	10.95		H	68.355 753 76	−38.303 446 72		9.29	467.95	150.24	1.26	1.57	1.72	1.48	1.83	−8	−11	−4	−11	−5	+9	−2	−27	−12	−5	0	−0.04
21244		04 33 26.00	−22 51 00.0	11.21		G	68.358 347 47	−22.850 003 19		15.80	−113.82	−415.53	1.42	1.66	2.28	1.61	1.85	−13	+11	−14	−23	−6	+11	−3	−10	−7	−30	0	−0.92
21245		04 33 28.81	−07 50 19.6	8.09		H	68.370 042 21	−07.838 769 69		18.72	84.13	67.59	0.73	0.57	0.97	0.86	0.75	+25	+25	−9	+25	+21	−12	+19	+45	−10	+17	0	2.02
21246		04 33 28.87	+24 16 45.7	7.79		H	68.370 284 01	+24.279 356 00		9.90	24.57	−18.36	0.96	0.70	0.98	1.00	0.90	+40	+43	+5	+33	+31	−1	+21	+61	−7	+51	0	−0.80
21247		04 33 30.62	+72 31 43.8	5.94		H	68.377 589 81	+72.528 825 55		8.74	29.36	−90.83	0.34	0.49	0.61	0.36	0.60	−22	+13	+11	−9	+9	+6	+9	−11	+5	−29	0	0.84
21248		04 33 30.63	−29 45 57.0	4.49		H	68.377 622 90	−29.765 831 86		26.22	−114.35	−271.56	0.41	0.55	0.71	0.49	0.60	−10	+15	−19	+16	−15	+21	−15	−33	−4	−16	0	0.78
21249		04 33 31.64	−06 59 17.3	6.60		H	68.381 836 70	−06.988 140 50		6.96	−8.65	23.49	0.78	0.48	0.89	0.79	0.63	−6	+44	−12	+39	+3	+8	−1	+55	−16	−7	0	0.55
21250		04 33 31.68	+01 01 20.9	7.94		H	68.382 000 30	+01.022 473 72		2.36	−3.58	0.48	0.98	0.66	1.04	1.28	1.21	+11	+20	+11	+33	+10	−5	−2	+56	+5	+34	0	−0.66
*21251	H	04 33 33.04	+18 01 00.3	6.24		G	68.387 673 13	+18.016 762 91	A	7.71	12.44	−16.74	1.47	0.91	1.34	1.49	1.03	+12	+22	−3	−12	+12	+11	+5	+7	−37	−5	4	0.73
*21252		04 33 32.81	−63 01 45.1	9.23	3	T	68.386 728 05	−63.029 204 73		0.65	13.54	15.31	0.86	1.09	1.23	0.74	1.28	−13	+36	−47	−16	+18	+10	+39	−25	+51	+34	0	−0.12
21253		04 33 34.10	−62 49 25.1	5.79		H	68.392 082 43	−62.823 630 51		21.74	−117.21	−19.34	0.43	0.50	0.51	0.39	0.55	−3	+16	−25	−32	+9	+4	+16	−26	+25	+13	1	−1.39
21254		04 33 34.15	−46 55 18.1	9.12		H	68.392 286 34	−46.921 707 69		9.17	−1.25	−11.65	1.98	2.15	2.32	2.23	2.45	+0	+9	−12	−2	−14	+13	−12	−11	−1	+9	0	
21255		04 33 35.00	−03 58 46.0	7.92		H	68.395 834 24	−03.979 442 72		3.53	4.78	6.11	1.11	0.63	1.17	1.31	0.96	−12	+38	−2	+41	−12	+6	−7	+69	−7	−25	0	−0.77
21256		04 33 37.11	+21 09 03.5	10.69		G	68.404 635 99	+21.150 963 65		24.98	109.30	−45.31	1.75	1.22	1.95	2.24	1.73	+26	+5	−13	−17	−13	+30	−19	+6	+19	+57	0	0.51
21257		04 33 38.08	+16 19 24.2	6.58		H	68.408 660 78	+16.323 379 64		13.36	14.41	−16.56	0.79	0.52	0.91	0.85	0.61	+27	+39	+0	+21	+11	−33	+0	+47	−30	+29	0	0.53
21258		04 33 38.49	−08 15 20.3	6.63		H	68.410 377 42	−08.255 650 86		5.81	−8.82	−5.02	0.54	0.43	0.76	0.69	0.61	+30	+23	−2	+19	+27	−8	+30	+42	−4	+13	0	0.01
21259		04 33 39.24	−01 49 52.6	7.46		H	68.413 491 82	−01.831 264 87		4.25	20.95	24.10	0.98	0.64	1.06	1.24	1.14	+18	+36	−15	+26	+34	−7	+14	+67	−23	+46	0	−0.19
21260		04 33 40.44	+59 28 41.3	8.28		G	68.418 515 39	+59.478 132 97		2.05	4.96	−13.04	0.62	0.62	0.94	0.79	0.76	+10	+7	−9	+25	+3	−15	+0	+49	−16	+16	3	0.79
21261		04 33 41.87	+19 00 50.8	10.74		G	68.424 439 80	+19.014 116 70		21.06	102.30	−34.96	2.22	1.32	2.21	2.52	1.81	+30	+20	−4	−45	−16	+5	−22	−19	−24	+39	0	−0.13
21262		04 33 42.86	+28 43 46.5	10.01		H	68.428 581 71	+28.729 578 51		8.80	12.77	−40.49	1.44	0.98	1.61	1.58	1.19	+36	+29	−19	−7	+6	−10	−7	+38	−23	+52	2	−0.72
21263	H	04 33 43.19	−02 27 10.5	8.81		H	68.429 973 96	−02.452 903 87	A	2.74	−4.15	−3.61	2.73	1.59	1.96	2.03	1.77	−6	+42	+6	+15	+8	+12	+2	+36	+5	+28	1	0.10
21264		04 33 44.41	−05 18 34.2	6.66		H	68.435 036 31	−05.309 512 78		6.14	−2.85	−63.77	0.75	0.49	0.88	0.75	0.65	+18	+38	−9	+51	+28	−4	+24	+72	−15	+22	0	0.51
21265		04 33 46.15	+52 30 15.7	9.47		H	68.442 277 75	+52.504 373 51		2.66	−2.67	−0.44	0.89	0.69	1.40	1.13	0.93	+7	+5	−17	−1	+7	+24	+1	+52	−35	+15	3	0.64
21266		04 33 46.45	+10 31 03.8	7.88		H	68.443 549 23	+10.517 721 73		6.39	1.79	−9.11	0.88	0.57	0.92	1.10	0.80	+13	+24	−2	+15	+3	+5	+2	+36	−10	+7	0	−0.40
21267		04 33 46.58	+13 15 06.9	6.62		G	68.444 085 00	+13.251 926 86		22.80	101.77	−17.93	0.86	0.60	0.98	1.23	0.89	+31	+0	−34	+4	−1	−9	−8	+20	−16	+53	0	−1.37
21268		04 33 47.29	+01 48 37.0	8.94		H	68.447 033 15	+01.810 279 71		4.94	−3.30	2.09	1.35	1.05	1.43	1.74	1.81	+44	+18	+11	+41	+45	−3	+35	+77	−8	+56	0	1.01
21269		04 33 48.18	+09 24 49.0	6.01		G	68.450 745 07	+09.413 622 72		6.93	−6.14	−22.96	0.78	0.50	0.84	0.95	0.69	+27	+23	+3	+15	+6	+3	+2	+37	−17	+21	0	−0.97
21270		04 33 48.28	−12 55 43.7	8.73		H	68.451 146 57	−12.928 810 78		2.62	17.75	−4.11	0.80	0.72	1.16	1.02	1.02	+22	+7	−32	+38	+17	−12	+11	+39	−32	+31	1	0.50
21271		04 33 48.67	−40 54 16.7	9.11		H	68.452 791 52	−40.904 648 78		9.97	53.60	45.93	0.75	0.89	0.95	0.85	1.03	−7	−1	−13	−24	−2	+15	+0	−32	+4	−10	1	−0.97
21272		04 33 50.45	+05 23 08.5	7.92		G	68.460 209 28	+05.385 697 34		37.33	−90.05	−279.27	1.88	1.08	2.58	2.92	3.22	−28	+75	−52	−38	+65	−68	−54	+81	−73	+87	0	−1.09
21273		04 33 50.86	+14 50 40.2	4.65		H	68.461 896 59	+14.844 487 49	+	21.39	103.69	−25.94	0.95	0.59	1.24	1.79	0.88	+33	−5	−29	−37	−17	+51	+2	+5	+5	+21	0	−0.59
21274		04 33 50.96	+56 43 29.6	8.60		H	68.462 319 38	+56.724 888 58		1.92	5.92	−12.30	0.77	0.66	1.09	0.83	0.83	−20	+29	−18	+38	−9	−2	−22	+62	−30	+3	0	1.57
21275		04 33 51.80	+24 30 07.7	9.10		H	68.465 853 31	+24.502 146 05		8.63	16.31	−61.93	1.12	0.86	1.18	1.34	1.14	+35	+32	−9	+27	+27	−3	+17	+57	−11	+52	0	0.34
21276		04 33 54.37	+64 37 59.1	7.75	1	H	68.476 555 89	+64.633 094 30		36.32	−77.55	58.45	0.71	0.76	1.07	1.57	1.59	+35	+38	+8	−36	−3	−29	+34	+26	+29	−17	0	−0.52
21277		04 33 54.63	−19 10 41.1	8.59		H	68.477 639 78	−19.178 071 01		3.94	3.51	−7.83	0.85	0.77	1.12	1.19	1.09	−39	+14	+1	+29	−35	+5	−38	+24	−15	−58	0	−0.53
21278	H	04 33 54.73	−06 44 20.0	5.71	1	G	68.478 040 57	−06.738 896 08	A	4.18	−2.65	−4.76	0.85	0.59	0.88	0.86	0.67	−14	+45	−16	+19	+2	+5	−2	+45	−21	−19	0	−0.75
21279		04 33 54.96	−18 10 47.3	7.80		G	68.478 995 20	−18.179 798 02		10.13	67.69	93.99	0.75	0.61	0.96	0.90	0.81	−40	+19	−14	+29	−33	−8	−34	+38	+5	−45	0	0.93
21280	H	04 33 58.48	+15 09 49.3	8.48		H	68.493 651 97	+15.163 703 38	*	24.02	101.93	−33.75	1.37	0.85	1.68	2.48	1.25	+12	+13	−31	−4	−32	+47	−19	+18	−12	+4	0	0.25
21281	H	04 33 59.72	−55 02 42.0	3.30	1	G	68.498 826 84	−55.045 005 59	A	18.56	58.06	12.73	0.89	0.86	0.46	0.64	0.58	−40	+1	−5	+1	+3	−12	−2	−15	−6	−5	2	1.52
21282		04 34 00.41	+07 16 20.4	8.79		H	68.501 716 64	+07.272 333 51		5.65	−17.77	−12.87	1.19	0.76	1.33	1.50	1.26	+30	+24	−2	+9	+13	+12	+4	+51	−15	+35	0	0.74
21283		04 34 00.50	+31 12 09.2	8.53		H	68.502 085 67	+31.202 556 84		8.08	−36.05	−14.71	1.23	0.77	1.40	1.65	1.20	+40	+24	+1	−14	+19	+9	−1	+49	−28	+52	0	0.32
21284		04 34 01.17	−43 31 28.3	8.81		H	68.504 873 56	−43.524 517 60		44.52	59.24	−77.05	0.63	0.83	0.80	0.74	0.92	−3	+1	−11	−27	−4	+7	−3	−36	+0	+6	1	−1.06
21285		04 34 01.95	+33 46 40.5	8.75		G	68.508 135 17	+33.777 917 83		7.43	14.81	−12.22	1.09	0.66	1.25	1.15	0.88	+31	+37	−9	−3	+18	−27	−4	+54	−37	+50	0	−0.37
21286		04 34 02.49	−59 48 36.4	9.14		H	68.510 359 66	−59.810 119 53		17.25	43.71	102.83	0.74	0.79	0.80	0.76	0.95	−6	+9	−10	−8	−6	+10	−7	−19	+3	−6	2	1.66
*21287		04 34 02.65	−28 26 58.4	6.85		H	68.511 050 85	−28.449 553 79		7.18	−17.96	−38.09	0.46	0.53	0.74	0.53	0.60	−13	+17	−22	−20	−7	+16	−3	−26	+6	−15	0	0.09
*21288		04 34 02.61	−29 12 14.9	8.75		H	68.510 891 50	−29.204 133 08		3.87	6.07	−1.61	0.68	0.86	1.16	0.73	0.95	−6	−9	−24	+9	−18	+16	−17	−14	+8	−14	0	−0.44
21289		04 34 04.46	+45 38 08.9	7.70		G	68.518 565 89	+45.635 798 27		0.27	−0.64	−6.04	0.79	0.71	0.92	1.10	0.97	+11	+20	−3	+7	+3	−25	+0	−4	+5	−13	0	0.76
21290		04 34 04.50	+43 05 14.9	7.37		G	68.518 742 93	+43.087 459 24		5.14	9.28	−25.17	0.89	0.89	1.01	1.18	0.93	+35	+5	−39	−17	−50	+8	−46	−40	+19	+36	0	1.87
21291	H	04 34 04.86	+34 48 01.2	8.43		H	68.520 262 10	+34.800 322 82	*	7.65	−11.25	−12.65	5.14	1.21	1.36	1.73	1.08	−22	+14	+4	+17	−39	−13	−50	+62	−20	+0	1	−0.60
21292		04 34 05.33	+61 53 03.5	8.38	1	H	68.522 211 07	+61.884 295 17		4.30	−2.35	−9.00	0.61	0.64	0.96	0.79	0.80	−6	+3	−1	+20	−15	−9	−13	+36	+18	−15	3	−0.96
21293		04 34 07.04	−15 55 06.0	9.68		H	68.529 328 54	−15.918 325 70		3.15	3.10	3.95	1.09	1.04	1.70	1.50	1.45	−13	+33	−16	+21	−13	+18	−13	+37	−24	−36	3	−1.14
21294		04 34 07.15	−30 34 27.8	8.14		G	68.529 802 44	−30.574 399 70		6.37	−2.61	−50.18	0.53	0.74	0.94	0.57	0.84	−9	+3	−23	+15	−12	+13	−10	+16	−2	−3	1	0.77
21295		04 34 08.28	+05 34 07.1	5.67		H	68.534 483 53	+05.568 634 95		7.99	−15.58	−7.77	1.06	0.51	1.09	1.21	1.03	+29	+57	+21	−11	−3	−16	−24	+35	−10	+50	0	0.50
21296		04 34 11.64	−08 13 52.9	5.20	2	H	68.548 507 32	−08.231 359 39		4.05	−22.42	2.88	0.52	0.41	0.72	0.65	0.56	+29	+26	−2	+20	+24	−8	+26	+42	−4	+14	0	−1.21
21297		04 34 11.79	−08 58 11.9	5.24	1	H	68.549 132 24	−08.969 984 97		4.96	−36.27	−112.18	0.56	0.46	0.78	0.72	0.65	+30	+10	−6	+26	+33	−4	+33	+45	−24	+23	0	0.29
21298		04 34 14.21	−06 50 15.8	6.09		G	68.559 195 86	−06.837 717 02		6.36	−23.27	−37.78	0.76	0.45	0.91	0.73	0.59	−5	+55	−14	+36	+7	+17	+1	+52	−19	−4	0	1.10
21299		04 34 14.98	+03 44 58.9	7.83		H	68.562 424 39	+03.749 681 87		2.87	8.14	−5.00	1.01	0.75	1.11	1.46	1.32	+37	+6	−12	+40	+40	−40	+26	+74	−27	+59	0	−0.62
21300		04 34 15.44	−73 12 32.1	6.80		G	68.564 326 50	−73.208 917 18		5.27	−0.57	57.30	0.46	0.46	0.50	0.46	0.52	−15	+17	−9	−22	−1	+18	−2	−8	−14	−17	1	−0.41

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
21201	9.185	0.013	9.064	0.016		0.140	0.015	G	0.15	0.01	H	9.0877	0.0014	0.016	146		9.06	9.12		C			1							
21202	10.838	0.068	10.436	0.071		0.380	0.091	T	0.44	0.10	L	10.4599	0.0041	0.028	75		10.39	10.52		C	04327−0313	I 2	1							G
21203	9.445	0.016	8.477	0.012		0.887	0.005	G	0.89	0.00	H	8.5206	0.0013	0.012	106		8.50	8.54		C			1							
21204	10.373	0.025	9.806	0.024		0.534	0.026	T	0.61	0.03	L	9.8818	0.0027	0.029	113		9.83	9.93					1							
21205	9.839	0.032	8.865	0.022		0.855	0.029	T	0.87	0.02	L	8.8786	0.0015	0.014	59		8.85	8.90		C			1							
21206	10.703	0.038	8.925	0.015		1.481	0.032	T	1.50	0.05	L	8.8732	0.0021	0.017	131		8.84	8.90		C			1 G							
21207	8.193	0.008	8.156	0.009		0.034	0.011	T	0.05	0.01	L	8.1875	0.0014	0.015	139		8.16	8.22		C			1							S
21208	8.815	0.017	8.567	0.019		0.238	0.015	G	0.27	0.02	H	8.5856	0.0014	0.013	66		8.57	8.62					1							
21209	9.282	0.015	8.176	0.010		0.939	0.020	G	0.94	0.02	A	8.2300	0.0016	0.016	124		8.20	8.25					1							
21210	8.800	0.012	8.400	0.012		0.391	0.014	T	0.46	0.01	L	8.4593	0.0026	0.021	104		8.42	8.50					1							S
21211	9.648	0.021	9.137	0.020		0.490	0.022	T	0.56	0.02	L	9.1973	0.0019	0.016	95		9.17	9.22		C			1							
21212	9.316	0.012	8.172	0.008		0.983	0.011	T	0.96	0.01	L	8.2317	0.0014	0.012	175		8.21	8.26					1							
21213	7.872	0.009	7.615	0.010	*	0.241	0.013	T	0.27	0.02	L	* 7.6980	0.0011	0.013	116	*	7.68	7.82		U 2 C	04330−3817	I 1	2 C	A	AB	221	3.121	0.005	1.81	0.02	S P
21214	8.997	0.013	8.961	0.017		0.033	0.019	T	0.05	0.01	L	8.9789	0.0023	0.016	92		8.94	9.01					1							
21215	10.320	0.022	8.905	0.012		1.195	0.020	T	1.15	0.02	L	8.9677	0.0019	0.020	169		8.93	9.02		C			1							
21216	9.659	0.016	9.262	0.016	*	0.388	0.019	T	0.45	0.02	L	* 9.2775	0.0021	0.026	140	*	9.23	9.33		D	04331−3108	I 1	2 C	A	AB	153	0.811	0.007	1.54	0.03	
21217	9.351	0.025	9.205	0.031		0.140	0.037	T	0.15	0.04	L	9.2188	0.0026	0.017	47		9.18	9.25		C			1							
21218	8.063	0.007	6.789	0.004		1.085	0.006	T	1.05	0.01	L	6.8407	0.0010	0.009	138		6.83	6.86					1							S
21219	7.149	0.004	6.968	0.004	*	0.173	0.006	T	0.19	0.01	L	* 6.9956	0.0006	0.009	177	*	6.98	7.01		D	04331+6738	H 1	2 C	A	AB	201	0.352	0.006	1.94	0.03	S
21220	8.635	0.012	8.136	0.011		0.480	0.012	T	0.55	0.01	L	8.1751	0.0021	0.016	109		8.15	8.21					1							S
21221	10.628	0.037	8.778	0.014		1.538	0.031	T	1.59	0.07	L	8.7291	0.0019	0.017	93		8.70	8.76					1							
21222	12.091	0.171	10.847	0.085		1.371	0.005	G	1.61	0.01	H	11.0213	0.0045	0.045	98		10.94	11.09		R			1 X	S						G
21223	10.062	0.028	8.871	0.017		0.990	0.015	G	1.04	0.02	I	8.8794	0.0021	0.020	106		8.84	8.92					1							
21224	8.189	0.009	7.752	0.008		0.446	0.015	G	0.52	0.02	H	7.7861	0.0015	0.016	124		7.76	7.81		C			1							S
21225	7.781	0.005	7.322	0.005		0.446	0.006	T	0.52	0.01	L	7.3648	0.0011	0.011	224		7.35	7.39					1							S
21226	9.323	0.020	8.777	0.019		0.512	0.025	T	0.58	0.03	L	8.8505	0.0015	0.012	72		8.83	8.87		C			1							S
21227	9.969	0.039	9.379	0.036		0.551	0.047	T	0.62	0.04	L	9.3732	0.0053	0.024	42		9.34	9.42					1							G
21228	9.337	0.014	8.990	0.015		0.336	0.018	T	0.39	0.02	L	9.0541	0.0024	0.023	140		9.01	9.10					1							
21229	8.053	0.008	7.560	0.007		0.464	0.010	T	0.53	0.01	L	7.6025	0.0014	0.012	130		7.58	7.62					1							S
21230	8.723	0.020	8.213	0.019	*	0.479	0.025	T	0.55	0.03	L	* 8.3187	0.0010	0.012	122	*	8.30	8.35		R	04333+5103	I 1	2 C	A	AB	135	3.152	0.004	0.54	0.01	
21231	8.329	0.009	7.793	0.010		0.503	0.012	T	0.58	0.01	L	7.8432	0.0011	0.009	128		7.83	7.86		C			1							S
21232	10.640	0.035	9.871	0.028		0.682	0.016	G	0.74	0.01	H	9.9324	0.0026	0.026	131		9.89	9.97			04332−2109	I 1	1							
21233	9.636	0.013	7.428	0.005	*	1.930	0.015	G	1.95	0.09	H	* 7.2026	0.0026	0.028	178	*	7.15	7.23		U 2 C	04333+5248	I 1	2 C S	D	AC	170	0.101	0.006	0.28	0.45	S D
21234	10.746	0.089	9.027	0.034		1.435	0.075	T	1.43	0.12	L	8.9314	0.0027	0.014	43		8.90	8.97					1							
21235	10.088	0.025	8.874	0.015		1.038	0.023	T	1.01	0.02	L	8.9232	0.0015	0.013	110		8.90	8.95		C			1							
21236	8.230	0.010	6.969	0.006		1.075	0.009	T	1.04	0.01	L	7.0271	0.0011	0.010	146		7.01	7.04		C			1							S
21237	10.323	0.024	9.161	0.015		0.997	0.022	T	0.98	0.02	L	9.2183	0.0015	0.020	137		9.19	9.26					1							
21238	7.054	0.007	6.831	0.007		0.213	0.009	T	0.24	0.01	L	6.8652	0.0011	0.009	51		6.85	6.88			04334+4303	I 2	1							S
21239	7.863	0.006	6.215	0.003	*	1.379	0.002	G	1.38	0.04	E	* 6.2011	0.0006	0.008	195	*	6.19	6.22		D	04334−1047	H 1	2 C	A	AB	87	0.539	0.020	3.75	0.09	S
21240	10.468	0.061	9.132	0.034	A	1.000	0.495	G	1.03	0.05	L	* 9.1135	0.0030	0.018	50	*	9.07	9.14		D	04334+1949	I 1	2 C	D	AB	172	1.037	0.024	2.87	0.13	D
21241	8.980	0.011	8.706	0.012		0.258	0.017	T	0.29	0.02	L	8.7288	0.0106	0.087	163		8.64	8.93	0.62	P 1 A			1	S						
21242	6.557	0.006	6.128	0.005		0.370	0.000	G	0.43	0.00	H	6.1798	0.0009	0.007	52		6.17	6.19			04334+4303	I 2	1							S
21243	11.783	0.114	11.176	0.102		0.566	0.134	T	0.64	0.12	L	11.0728	0.0062	0.054	115		11.00	11.17		R			1							G
21244						0.956	0.015	G	1.00	0.01	I	11.3427	0.0039	0.051	136		11.26	11.43					1	S						G
21245	8.734	0.010	8.146	0.009		0.549	0.012	T	0.62	0.01	L	8.2076	0.0015	0.015	127		8.19	8.24					1							S
21246	8.157	0.009	7.832	0.009		0.320	0.015	G	0.37	0.02	H	7.8712	0.0014	0.011	80		7.85	7.90		C			1							S
21247	6.287	0.003	5.968	0.003		0.306	0.005	T	0.35	0.01	L	6.0159	0.0006	0.007	175		6.00	6.03			04335+7232	I 1	1							S
21248	5.748	0.003	4.613	0.002		0.972	0.022	G	1.00	0.02	A	4.6619	0.0006	0.005	128		4.65	4.67					1							S
21249	8.166	0.011	6.740	0.006		1.204	0.010	T	1.16	0.01	L	6.7607	0.0007	0.010	110		6.74	6.78		D			1							S
21250	9.211	0.018	8.051	0.012		0.996	0.017	T	0.97	0.01	L	8.1085	0.0015	0.011	79		8.09	8.13		C			1							
21251	6.985	0.060	6.930	0.055	B	0.077	0.018	G	0.09	0.02	H	* 6.2575	0.0009	0.006	63	*	6.25	6.26		D	04335+1801	I 1	2 C	A	AB	277	3.078	0.004	0.05	0.01	S
21252	10.641	0.052	9.349	0.026		1.099	0.045	T	2.91	1.20	Q	9.2209	0.2077	1.489	93		7.50	11.62	275.50	P 1 B			1	S						G P
21253	7.108	0.006	5.896	0.003		1.028	0.002	G	0.98	0.04	E	5.9522	0.0006	0.006	98		5.94	5.96		C	04336−6249	I 1	1							S
21254	9.760	0.021	9.173	0.019		0.549	0.021	T	0.62	0.02	L	9.2363	0.0014	0.011	102		9.21	9.26					1 X							
21255	9.715	0.021	8.086	0.010		1.363	0.018	T	1.33	0.02	L	8.0710	0.0012	0.012	107		8.05	8.10		C			1							
21256	12.596	0.285	10.838	0.099		1.237	0.005	G	1.40	0.01	I	10.7994	0.0035	0.026	67		10.75	10.85		C			1							G
21257	6.813	0.005	6.604	0.007		0.188	0.008	G	0.21	0.01	H	6.6463	0.0007	0.006	64		6.64	6.66		C			1							S
21258	6.548	0.003	6.617	0.004		−0.062	0.002	G	−0.04	0.00	H	6.6134	0.0006	0.007	150		6.60	6.62		C			1							S
21259	9.108	0.017	7.597	0.010		1.271	0.016	T	1.23	0.02	L	7.6221	0.0012	0.009	83		7.61	7.64		C			1							S
21260	8.798	0.010	8.342	0.010		0.430	0.013	T	0.50	0.01	L	8.3804	0.0016	0.015	134		8.36	8.41					1							
21261	11.829	0.169	11.136	0.149		1.197	0.004	G	1.16	0.00	I	10.8230	0.0045	0.031	52		10.77	10.88		C			1							G
21262	10.761	0.051	10.099	0.046		0.604	0.052	T	0.67	0.05	L	10.1335	0.0020	0.021	80		10.10	10.17		D			1							G
21263	10.166	0.028	8.904	0.017	*	1.075	0.026	T	1.04	0.02	L	* 8.9731	0.0017	0.014	86	*	8.96	9.00		D	04337−0227	H 1	2 C	B	AB	125	0.451	0.046	3.42	0.22	
21264	8.020	0.007	6.776	0.005		1.061	0.007	T	1.03	0.01	L	6.8226	0.0007	0.008	143		6.81	6.84		C			1							S
21265	9.834	0.018	9.493	0.019		0.323	0.024	T	0.37	0.03	L	9.5514	0.0015	0.018	169		9.52	9.59		C			1							G
21266	8.075	0.010	7.901	0.013		0.170	0.015	G	0.19	0.01	H	7.9376	0.0012	0.010	72		7.92	7.96		C			1							S
21267	7.128	0.007	6.663	0.007		0.429	0.012	G	0.49	0.02	A	6.7145	0.0012	0.007	55		6.70	6.73		C			1							S
21268	10.319	0.043	9.078	0.024		1.059	0.038	T	1.03	0.03	L	9.1048	0.0024	0.013	70		9.08	9.14		C			1							
21269	7.363	0.007	6.131	0.005		1.061	0.002	G	1.09	0.04	E	6.1752	0.0007	0.005	70		6.16	6.19					1							S
21270	10.237	0.028	8.857	0.015		1.168	0.025	T	1.13	0.02	L	8.8922	0.0019	0.017	127		8.87	8.93					1							
21271	10.322	0.028	9.196	0.018		0.969	0.026	T	0.95	0.02	L	9.2700	0.0024	0.020	105		9.23	9.30		C			1							
21272	8.911	0.015	8.003	0.011		0.779	0.002	G	0.82	0.00	H	8.0659	0.0013	0.012	79		8.05	8.09					1							
21273	4.951	0.003	4.681	0.003		0.255	0.007	G	0.28	0.03	C	4.7186	0.0006	0.005	54		4.71	4.73		C			1 O							S W
21274	8.931	0.011	8.616	0.012		0.302	0.005	G	0.35	0.01	H	8.6806	0.0020	0.017	130		8.66	8.71		C			1							
21275	9.755	0.024	9.185	0.023		0.540	0.015	G	0.61	0.02	H	9.2162	0.0017	0.013	73		9.19	9.24		D			1							
21276	8.729	0.011	7.848	0.009		0.759	0.015	G	0.80	0.01	H	7.8929	0.0021	0.023	136		7.87	7.93		U			1 G							S
21277	9.950	0.026	8.717	0.016		1.053	0.024	T	1.02	0.02	L	8.7587	0.0017	0.013	111		8.74	8.78		C			1							
21278	5.567	0.004	5.706	0.004	A	−0.128	0.004	G	−0.12	0.01	L	* 5.6784	0.0015	0.010	99	*	5.66	5.69	3.80	P 1 A	04339−0644	I 1	2 C	A	AB	62	1.292	0.017	3.57	0.06	S P
21279	8.631	0.011	7.876	0.009		0.687	0.015	G	0.74	0.01	H	7.9298	0.0013	0.013	118		7.91	7.95		C			1							S
21280	9.563	0.043	8.600	0.031	*	0.847	0.039	T	0.86	0.03	L	* 8.6373	0.0025	0.016	57	*	8.61	8.67		C	04340+1510	M 1	2 C S	B	AB	268	0.188	0.044	1.27	0.88	
21281	3.159	0.003	3.248	0.003	*	−0.079	0.015	G	−0.08	0.02	A	* 3.2372	0.0010	0.012	105	*	3.21	3.25	2.94	P 1 A	04340−5503	I 1	2 C	A	AB	146	0.304	0.002	0.95	0.02	S P
21282	9.217	0.017	8.826	0.018		0.370	0.023	T	0.43	0.03	L	8.8831	0.0019	0.016	93		8.86	8.91		C			1							S
21283	9.904	0.025	8.631	0.015		1.084	0.023	T	1.05	0.02	L	8.6980	0.0016	0.013	86		8.68	8.73		C			1							
21284	10.264	0.027	8.938	0.015		1.106	0.002	G	1.18	0.00	I	8.9405	0.0013	0.013	107		8.92	8.97		C			1							
21285	9.107	0.014	8.771	0.015		0.353	0.015	G	0.41	0.02	H	8.8272	0.0011	0.015	113		8.80	8.85		C			1							
21286	10.038	0.025	9.217	0.020		0.724	0.024	T	0.78	0.02	L	9.2760	0.0023	0.020	87		9.25	9.31					1							
21287	7.334	0.004	6.892	0.004		0.407	0.003	G	0.47	0.00	H	6.9402	0.0009	0.010	170		6.93	6.96		C			1							S
21288	10.039	0.021	8.876	0.013		0.998	0.019	T	0.98	0.01	L	8.9148	0.0016	0.023	156		8.87	8.95					1							
21289	8.096	0.011	7.723	0.011		0.380	0.015	G	0.44	0.02	H	7.7847	0.0015	0.011	56		7.76	7.80		C			1							S
21290	7.667	0.010	7.424	0.011		0.232	0.014	T	0.26	0.02	L	7.4513	0.0008	0.008	54		7.44	7.47					1							S
21291	8.760	0.012	8.474	0.013	*	0.272	0.017	T	0.31	0.02	L	* 8.5009	0.0015	0.012	99	*	8.48	8.53		C	04341+3448	H 1	2 C	B	AB	293	0.210	0.055	2.72	0.68	
21292	8.702	0.009	8.397	0.010		0.306	0.015	G	0.35	0.02	H	8.4515	0.0023	0.020	134		8.42	8.48		U			1							
21293	11.079	0.054	9.780	0.028		1.104	0.048	T	1.07	0.05	L	9.8425	0.0026	0.022	95		9.78	9.88					1							
21294	8.533	0.011	8.159	0.012		0.354	0.015	T	0.42	0.02	L	8.2139	0.0013	0.016	150		8.19	8.25		C			1							S
21295	5.754	0.003	5.687	0.003		0.055	0.009	G	0.12	0.03	C	5.7098	0.0007	0.004	81		5.70	5.72		C			1							S
21296	7.387	0.006	5.393	0.005		1.708	0.017	G	2.16	0.05	F	5.2630	0.0068	0.034	127		5.21	5.30		U 2			1							S P
21297	7.160	0.005	5.403	0.003		1.465	0.005	G	1.47	0.02	G	5.3758	0.0008	0.007	138		5.37	5.39		M			1							S
21298	7.909	0.010	6.227	0.005		1.384	0.001	G	1.35	0.04	E	6.2370	0.0008	0.008	92		6.22	6.25					1							S
21299	9.643	0.021	7.963	0.010		1.404	0.018	T	1.38	0.02	L	7.9691	0.0011	0.010	95		7.95	7.99					1							S
21300	8.017	0.008	6.918	0.005		0.919	0.052	G	0.97	0.02	A	6.9604	0.0006	0.007	109		6.95	6.97		C			1							S

Number		Descriptor: epoch J1991.25					Position: epoch J1991.25			Par.	Proper Motion		Standard Errors					Astrometric Correlations (%)										Soln	
HIP		RA h m s	Dec ±° ′ ″	V mag			α (ICRS) deg	δ deg		π mas	$\mu_{\alpha*}$ mas/yr	μ_δ mas/yr	α* mas	δ mas	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ mas/yr	δ/α*	π/α*	π/δ	$\mu_{\alpha*}$/α*	$\mu_{\alpha*}$/δ	$\mu_{\alpha*}$/π	μ_δ/α*	μ_δ/δ	μ_δ/π	μ_δ/$\mu_{\alpha*}$	F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
21301		04 34 16.56	+45 54 49.0	7.46		H	68.568 988 56	+45.913 615 71		15.86	36.90	−56.00	0.84	0.73	0.94	0.95	0.92	+12	+31	−7	+13	−5	−4	−9	−3	−10	+13	0	2.61
21302		04 34 16.58	−48 26 34.0	8.90		H	68.569 093 51	−48.442 776 92		0.98	3.49	−5.79	0.69	0.68	0.78	0.79	0.74	+0	+3	+0	−12	−8	+8	−8	−19	−5	+0	0	0.06
21303		04 34 16.76	−56 45 33.2	8.69		H	68.569 814 95	−56.759 231 28		2.97	−1.89	7.71	0.71	0.71	0.76	0.96	0.88	−4	−5	−6	−15	−2	+3	−1	−7	+3	−13	0	0.21
21304		04 34 22.37	+08 11 13.9	8.32		H	68.593 223 22	+08.187 191 57		3.20	28.59	3.89	1.14	0.89	1.22	1.16	0.98	+49	+50	+23	+9	+23	+16	+10	+42	−2	+43	0	0.94
21305	H	04 34 25.68	−66 11 35.0	8.68		H	68.606 994 75	−66.193 065 88	*	6.89	−21.25	−45.54	2.06	1.78	1.02	1.20	1.24	−19	+6	−12	−5	+5	−9	+2	+11	−9	−13	2	1.02
21306		04 34 25.95	+12 44 06.1	9.68		G	68.608 133 13	+12.735 016 73		12.62	22.20	−331.97	1.78	0.98	1.96	2.22	1.44	+20	+37	−24	−15	−25	+0	−36	+3	−26	+39	0	−2.56
21307		04 34 26.85	+00 24 26.1	7.24		H	68.611 863 78	+00.407 237 77		16.23	5.46	−102.04	0.88	0.60	0.97	1.04	0.99	+18	+40	+10	+31	+15	+5	+4	+59	+0	+35	0	−1.67
21308		04 34 30.13	+10 00 59.7	7.72		H	68.625 531 37	+10.016 587 98		21.36	118.55	−68.94	0.92	0.57	1.07	1.32	0.89	+9	+21	−19	−7	+16	+31	+17	+39	−39	−7	5	−0.56
21309		04 34 30.31	−28 09 34.3	8.91		H	68.626 296 90	−28.159 533 14		2.24	6.81	−9.50	0.71	0.92	1.22	0.88	1.04	−17	+18	−23	−14	−7	+15	−1	−21	+10	−19	0	−0.05
21310		04 34 31.86	−61 42 10.8	8.73		H	68.632 749 95	−61.703 010 35		3.30	8.69	−6.15	0.68	0.74	0.75	0.88	1.03	−9	−4	−19	−30	−3	+12	−2	−19	+26	−7	0	0.32
21311		04 34 32.04	+63 13 58.0	8.65		H	68.633 514 21	+63.232 780 39		2.53	4.64	−2.80	0.66	0.77	1.12	0.88	0.94	−7	+8	−7	+28	+1	−18	−1	+47	−2	−2	0	0.14
21312		04 34 33.23	−58 14 26.5	8.56		H	68.638 449 32	−58.240 687 57		0.90	−16.67	2.67	0.72	0.79	0.81	0.98	1.07	−8	+18	−7	+8	−7	+12	−7	−14	+1	−9	0	−1.57
21313		04 34 33.54	−60 48 09.9	9.56		H	68.639 748 42	−60.802 750 08		8.35	19.60	−16.60	0.83	1.01	0.96	1.07	1.50	−6	+5	−15	+10	−3	+8	−2	+10	−8	+1	3	0.10
21314		04 34 34.29	+20 19 29.7	9.93		H	68.642 857 87	+20.324 919 00		7.21	61.57	−103.21	1.58	1.02	1.80	1.90	1.29	+21	+30	−6	+0	+1	+9	−6	+27	−22	+26	0	0.16
21315		04 34 34.92	−72 44 01.8	7.00	1	G	68.645 489 28	−72.733 832 23		6.77	29.59	50.89	0.45	0.46	0.49	0.50	0.52	−5	+9	−4	−6	+2	+12	+0	+1	−17	−3	0	0.27
21316		04 34 35.11	−02 04 57.8	8.18		H	68.646 302 29	−02.082 735 87		7.57	8.28	−0.52	0.94	0.63	1.04	1.10	1.04	+7	+38	−14	+27	+11	+6	+4	+45	+4	+39	0	0.32
21317		04 34 35.25	+15 30 16.9	7.90		G	68.646 869 69	+15.504 687 88		23.19	100.66	−28.04	1.20	0.73	1.30	1.41	1.00	+28	+42	+1	−4	−11	−13	−18	+20	−14	+35	0	0.76
21318		04 34 35.39	+21 06 21.0	8.42		H	68.647 470 98	+21.105 820 78		4.25	−22.47	−44.83	0.97	0.72	1.05	1.13	0.93	+20	+14	−10	+2	+10	+9	+2	+31	−1	+45	0	2.07
21319		04 34 36.18	+84 28 20.7	7.34		H	68.650 737 48	+84.472 426 25		3.86	18.73	−19.68	0.47	0.56	0.63	0.52	0.69	−1	+8	+4	+8	+3	+1	+3	−7	−14	−2	0	−0.85
21320		04 34 36.31	−40 49 58.7	9.17		H	68.651 291 19	−40.832 969 91		1.97	−0.62	−8.33	0.78	0.85	0.93	0.86	1.01	−11	−1	−11	−34	+3	+4	+3	−31	+6	−13	1	−1.62
21321		04 34 36.74	+06 31 26.3	9.41		H	68.653 095 96	+06.523 961 35		11.11	112.23	−117.50	1.35	0.77	1.41	1.79	1.31	+21	+30	+9	−9	−2	+5	−9	+33	−6	+26	0	2.04
21322		04 34 36.86	−33 38 46.3	7.41		H	68.653 565 83	−33.646 205 75		5.50	15.61	35.41	0.49	0.59	0.75	0.50	0.70	+1	+7	−16	+2	−7	+15	−7	+7	−21	+13	0	−2.31
21323		04 34 37.99	+28 57 40.3	5.88		H	68.658 300 37	+28.961 203 68		7.00	−0.64	−21.87	0.80	0.56	0.86	0.86	0.63	+32	+36	+0	+25	+6	−17	+4	+56	−17	+23	5	−0.65
21324		04 34 38.13	−24 02 26.0	6.37		H	68.658 884 56	−24.040 543 58		7.54	14.91	18.05	0.39	0.56	0.84	0.41	0.60	−13	+16	−41	−10	−12	+8	−14	−14	−8	−31	1	0.23
21325		04 34 38.38	+70 20 46.9	7.95		H	68.659 898 74	+70.346 351 48		4.38	−4.46	10.13	0.36	0.59	0.76	0.42	0.74	−22	+11	−16	−2	+3	+4	+7	+1	+14	−30	1	−2.76
21326		04 34 38.53	−00 58 20.5	8.91		H	68.660 558 74	−00.972 349 14		3.84	−0.47	−3.48	1.45	0.72	1.45	2.44	1.41	−6	+10	−5	−15	−7	+14	+6	+55	−34	−32	0	−1.48
21327		04 34 38.57	−35 39 27.0	7.61		G	68.660 704 15	−35.657 505 71		35.88	−99.51	−225.51	0.52	0.59	0.72	0.56	0.74	+3	+4	−4	+4	+1	−3	+2	−1	−1	+22	0	0.50
21328	H	04 34 39.13	+51 00 11.7	7.82		G	68.663 047 70	+51.003 262 35	A	6.46	5.38	−38.63	1.26	1.01	1.33	1.60	1.21	−29	+12	−14	+33	−2	−9	−13	+72	−23	−12	0	0.02
21329		04 34 39.65	−11 38 08.9	8.62		H	68.665 197 63	−11.635 807 57		16.39	5.27	−15.76	0.76	0.58	1.09	1.09	0.95	+25	+24	+4	+31	+13	−8	+13	+41	−15	−11	0	1.68
21330		04 34 40.45	−41 13 47.2	8.58		H	68.668 560 67	−41.229 767 58		8.42	0.24	21.44	0.71	0.78	0.88	0.73	0.86	−6	+14	−18	−30	+1	+11	+4	−23	+12	+0	1	−0.31
21331		04 34 41.64	−76 06 42.9	9.65		H	68.673 499 90	−76.111 923 05		3.07	−2.39	0.22	0.78	0.92	0.88	0.84	1.18	−1	+18	−18	−27	−2	+2	−1	−35	+17	−14	0	0.55
21332		04 34 42.17	+17 44 53.8	7.91		H	68.675 691 15	+17.748 266 38		9.87	67.96	−33.24	0.92	0.57	1.02	1.07	0.72	+23	+40	+18	−1	+8	+4	+4	+22	−21	−7	0	1.27
21333		04 34 42.47	+27 32 04.4	9.17		H	68.676 960 05	+27.534 560 13		6.06	1.85	18.73	1.37	0.95	1.56	1.51	1.15	+41	+27	−2	+8	+23	+30	+18	+52	−2	+49	3	1.73
21334		04 34 43.31	+15 15 54.4	12.09	3	H	68.680 461 63	+15.265 106 08		6.01	17.46	1.70	5.85	3.30	6.32	7.47	5.12	+15	+43	−7	+0	−26	+28	−26	+2	+4	+33	5	2.54
21335	H	04 34 43.61	+11 29 57.7	8.55		H	68.681 723 28	+11.499 366 22	A	7.55	30.49	0.87	2.03	1.30	1.82	2.11	1.58	+12	+24	−12	+9	+9	−17	−5	+35	−24	+36	0	−0.55
21336		04 34 43.78	−34 49 07.3	7.15		H	68.682 437 15	−34.818 683 10		3.46	−8.25	−18.53	0.46	0.52	0.65	0.53	0.64	−9	+6	−9	+8	+3	+0	+3	+6	−13	+10	0	−0.10
21337		04 34 43.88	+82 20 18.3	9.52		H	68.682 829 47	+82.338 411 72		3.17	−4.18	6.79	0.75	0.77	0.97	0.82	0.97	−2	+20	+0	−15	+4	+8	+0	−14	−21	+9	1	−0.23
21338		04 34 44.16	−59 09 06.7	8.21		H	68.683 984 89	−59.151 858 50		7.31	32.61	38.24	0.60	0.64	0.68	0.65	0.78	−11	+27	−19	+4	+3	−18	+2	−21	+17	−14	0	−0.37
21339		04 34 44.94	−42 01 45.5	8.19	2	H	68.687 238 63	−42.029 299 38		1.64	−5.01	−7.54	0.66	0.83	0.89	0.88	1.10	−11	+5	−26	+2	−4	+5	−3	−6	+7	−11	0	−1.13
21340		04 34 45.30	+08 29 15.4	11.04		H	68.688 760 75	+08.487 598 99		8.12	0.03	−13.21	2.28	1.44	2.49	2.93	2.34	+19	+21	+9	+9	+2	+5	−10	+39	−1	+39	0	−1.89
21341	H	04 34 45.42	+22 41 32.6	6.78		G	68.689 231 15	+22.692 382 27	A	6.42	40.31	−28.79	1.10	0.71	1.05	1.29	0.93	+30	+30	−25	−37	−34	+2	−38	−16	−12	+53	1	−0.07
21342		04 34 45.93	+50 07 28.3	7.08		H	68.691 368 14	+50.124 519 38		4.47	13.95	−5.45	0.67	0.49	0.86	0.77	0.64	−5	+34	−28	−1	+25	−14	+6	+43	−20	+34	0	1.13
21343		04 34 46.56	−05 26 28.9	9.29		H	68.693 992 12	−05.441 355 91		7.28	0.01	−9.02	1.20	0.77	1.43	1.22	0.98	+22	+42	+0	+40	+31	+0	+25	+61	−13	+20	0	0.24
21344		04 34 49.38	−01 51 53.0	8.23		H	68.705 760 92	−01.864 729 91		4.56	8.46	−1.84	1.04	0.72	1.15	1.43	1.29	+14	+27	−16	+21	+18	+9	+7	+52	−12	+38	0	0.26
21345		04 34 49.56	+49 36 39.7	8.53		H	68.706 483 83	+49.611 032 95		1.05	−2.33	−0.51	0.95	0.80	1.29	1.17	0.96	−1	+16	−36	−5	−14	+16	−15	+12	−8	+30	0	−0.01
21346		04 34 49.69	+07 26 21.4	8.59		H	68.707 051 63	+07.439 274 48		4.09	0.40	−7.21	1.07	0.69	1.23	1.26	1.07	+7	+41	−13	+16	+2	+21	−8	+40	−9	+33	0	2.17
21347		04 34 50.16	+24 14 40.5	9.03		H	68.708 984 26	+24.244 569 93		2.90	24.55	−19.42	1.06	0.82	1.15	1.23	1.05	+32	+32	−19	+26	+31	−10	+18	+58	−21	+51	0	−1.06
21348		04 34 50.18	+22 53 25.4	9.71		G	68.709 079 87	+22.890 377 66		8.69	−13.07	27.70	1.50	1.03	1.61	2.10	1.41	+25	+12	−15	−9	−31	−3	−31	+2	+12	+43	0	0.91
21349		04 34 52.31	−00 18 28.9	8.47		H	68.717 943 61	−00.308 030 32		3.91	10.69	−7.90	1.39	0.72	1.60	1.47	1.21	+14	+60	+12	+33	+8	+18	−10	+62	−20	+8	0	−0.12
21350		04 34 52.72	+18 24 48.3	8.06		G	68.719 663 64	+18.413 413 34		3.54	2.03	−4.43	0.96	0.57	1.03	1.05	0.73	+5	+37	+1	−8	+10	−6	+2	+17	−25	−4	0	−0.22
21351		04 34 53.06	−69 05 00.1	9.15		H	68.721 103 43	−69.083 371 45		5.23	24.83	45.01	0.71	0.81	0.78	0.74	1.02	−17	+15	−18	−5	−5	+11	−5	+28	−9	−14	0	0.43
21352	H	04 34 53.17	+39 08 31.0	8.91		H	68.721 557 00	+39.141 939 54	A	26.74	−81.55	−93.59	6.00	3.81	4.28	5.49	3.72	+20	+31	−3	−17	+13	+11	+7	−20	−23	−48	0	0.70
21353		04 34 53.95	+28 03 52.3	9.23		G	68.724 778 60	+28.064 533 27		6.81	42.53	−64.85	1.24	0.88	1.34	1.36	1.08	+43	+23	−12	−4	+15	+20	+6	+42	+4	+64	0	−0.89
21354		04 34 54.61	−25 02 20.1	7.38		H	68.727 555 43	−25.038 918 66	A	14.18	1.87	−38.57	0.63	0.96	1.28	0.73	1.15	+3	+0	−34	−16	+5	−1	+3	+4	−13	+13	1	0.20
21355		04 34 55.09	−35 34 34.5	7.04		H	68.729 532 77	−35.576 249 03		3.22	1.12	12.89	0.47	0.53	0.65	0.49	0.66	−4	+5	−7	+2	−8	−4	−10	+3	−8	+18	1	−1.03
21356		04 34 56.51	−06 59 46.5	8.15		H	68.735 441 88	−06.996 261 76		4.87	−4.32	−2.01	0.85	0.58	1.09	0.89	0.75	+2	+40	−26	+26	+10	+6	+2	+42	−25	+8	0	0.64
21357		04 34 57.04	−33 20 44.1	7.90		H	68.737 681 79	−33.345 586 46		4.54	52.93	31.27	0.54	0.67	0.83	0.61	0.78	−1	+15	−18	+12	+0	+26	+3	+12	−11	+11	0	−1.44
21358	H	04 34 57.71	−52 42 45.8	8.24		H	68.740 443 57	−52.712 711 94	B	2.65	6.91	14.35	2.33	2.06	1.68	1.95	1.62	−7	−3	−5	−5	+5	−5	+4	+0	−1	+15	0	1.17
21359		04 34 58.61	+16 59 41.6	7.19		H	68.744 226 77	+16.994 881 19		8.06	−0.08	−80.46	0.84	0.58	0.94	1.01	0.71	+29	+15	−14	+34	+22	−34	+13	+54	−35	+30	0	−1.03
21360		04 34 59.19	−35 56 55.1	8.82		H	68.746 606 16	−35.948 640 55		1.64	−3.53	−11.70	0.65	0.74	0.87	0.79	0.96	−10	+0	−7	−1	−19	+0	−18	−10	−11	+10	2	−0.14
21361		04 34 59.57	−12 55 18.5	9.32		H	68.748 206 29	−12.921 806 12		0.82	7.61	−5.06	0.93	0.97	1.44	1.21	1.42	+28	+13	−22	+30	+18	−13	+11	+54	−23	+32	0	−0.59
21362		04 35 00.29	+64 30 09.1	8.29		H	68.751 220 95	+64.502 524 62		3.76	−3.97	−14.23	0.71	0.87	1.12	0.85	1.07	+33	+5	−16	+2	+52	−19	+45	+49	−9	+47	0	−1.51
21363		04 35 00.65	−19 55 17.5	6.12	1	H	68.752 696 77	−19.921 520 85		9.88	103.00	56.28	0.51	0.47	0.71	0.60	0.60	−15	+19	−10	+19	+2	−5	−3	+22	−24	−15	0	−0.60
21364		04 35 02.14	−25 58 19.1	8.56		H	68.758 896 46	−25.971 962 77		2.13	6.36	−3.98	0.56	0.75	1.12	0.77	1.04	−4	+12	−8	−15	−1	−1	−3	−8	−15	+6	0	−0.75
21365		04 35 02.37	+17 12 04.4	6.73		H	68.759 885 48	+17.201 234 86		3.33	−5.66	−1.29	0.80	0.55	0.86	0.83	0.65	+32	+38	+2	+27	+22	−12	+13	+51	−24	+28	0	−0.24
21366		04 35 04.05	−40 00 55.4	9.09		H	68.766 860 32	−40.015 401 51		3.55	−6.77	−7.52	0.72	0.82	0.90	0.75	0.90	−13	−17	+11	−24	−5	+15	−8	−17	+6	−17	0	1.13
21367		04 35 04.42	−20 44 36.5	7.65		H	68.768 396 75	−20.743 466 96		3.97	24.78	8.63	0.64	0.59	0.82	0.74	0.73	−3	+15	−10	+5	+3	+2	+6	+29	−14	−19	0	0.30
21368		04 35 04.50	−41 33 49.2	8.61		G	68.768 751 51	−41.563 680 47		18.47	77.36	−18.10	0.66	0.74	0.82	0.76	0.95	−7	+1	−3	−16	+3	+16	+5	−23	+2	+1	1	−0.85
21369		04 35 05.34	+57 25 14.3	6.65		H	68.772 230 85	+57.420 631 06		15.77	53.03	−102.61	0.89	0.70	1.27	0.92	0.83	−10	+25	−15	+9	−9	+20	−14	+35	−21	−4	1	
21370		04 35 06.84	−08 41 36.5	8.57		H	68.778 482 86	−08.693 459 02		6.99	−8.95	−4.59	0.82	0.74	1.15	1.00	0.95	+33	+16	−26	+32	+42	−16	+33	+50	−33	+38	1	0.98
21371		04 35 08.82	+07 46 25.4	10.68		H	68.786 760 92	+07.773 716 09		1.33	4.37	−11.98	2.00	1.25	2.23	2.31	1.90	+25	+36	+0	+2	+12	+18	+2	+39	−9	+37	0	0.69
21372		04 35 11.31	+72 56 39.4	8.02		H	68.797 129 88	+72.944 274 00		1.52	7.29	−3.82	0.46	0.71	0.86	0.51	0.88	−23	+11	+8	−9	+4	−11	+6	−13	+12	−33	0	1.55
21373		04 35 12.16	+29 51 17.9	9.41		H	68.800 669 19	+29.854 961 12		6.80	−55.69	−139.29	1.24	0.71	1.41	1.43	0.96	+23	+43	−2	−11	−4	−5	−12	+36	−35	+10	0	−0.21
21374		04 35 12.89	−29 38 10.9	9.84		H	68.803 699 47	−29.636 369 42		4.00	6.35	17.08	0.96	1.21	1.67	1.20	1.42	−11	+2	+12	+13	−9	+12	−11	−1	−2	−21	0	1.60
21375		04 35 13.25	−09 44 13.0	7.61		H	68.805 192 61	−09.736 944 25	B	6.26	33.91	−22.08	9.25	6.78	4.99	6.79	5.79	+11	+14	−13	+12	+22	−9	+20	+38	−23	+7	17	2.04
21376		04 35 13.25	+38 53 27.9	8.19		G	68.805 195 93	+38.891 093 55		7.56	17.92	−33.07	1.09	0.70	1.32	0.91	0.80	−17	+60	−24	−14	+15	−17	−15	+7	−41	+16	6	0.40
21377		04 35 14.10	−09 44 10.8	6.74		G	68.808 742 20	−09.736 334 17	A	8.41	33.78	−16.11	2.25	1.74	2.36	2.70	2.07	+21	+12	−20	+23	+28	−15	+25	+49	−28	+14	17	2.04
21378		04 35 15.07	−29 21 26.9	8.74		H	68.812 787 54	−29.357 476 63		9.44	51.69	20.41	0.65	0.78	1.07	0.69	0.90	−9	+4	−4	+10	−8	+11	−11	−13	−18	−16	1	−1.00
21379		04 35 15.39	−43 59 52.3	9.68		H	68.814 129 89	−43.997 853 55		5.53	32.78	16.68	0.82	1.00	1.03	0.89	1.15	−9	+8	+7	−15	+0	+4	−2	−12	−12	+4	5	−0.34
21380		04 35 17.24	+23 02 43.2	8.91		H	68.821 827 33	+23.045 333 88		23.09	−13.35	−67.89	1.20	0.84	1.26	1.67	1.19	+31	+9	−10	−5	−27	−4	−28	+5	+12	+44	0	−0.63
21381		04 35 17.70	−24 31 58.7	6.69		H	68.823 757 47	−24.532 962 65		18.62	88.48	0.18	0.32	0.58	0.83	0.37	0.68	+6	+1	−34	−5	+0	+2	+1	−1	−23	+1	0	−0.41
21382		04 35 21.13	−08 17 30.1	7.80		H	68.838 035 70	−08.291 684 42		5.80	−4.29	−1.32	0.67	0.52	0.94	0.90	0.72	+27	+22	−21	+22	+30	−28	+23	+44	−17	+31	0	−0.23
21383		04 35 21.56	−04 44 09.5	7.88		H	68.839 837 32	−04.735 970 41		26.45	2.24	−58.39	0.97	0.56	1.15	1.05	0.73	−6	+46	−31	+14	+29	−15	+17	+59	−27	−4	0	1.50
21384		04 35 21.82	+60 44 41.5	11.66		G	68.840 913 27	+60.744 861 47		9.83	99.65	−138.05	1.66	1.57	2.69	1.93	1.88	+3	+11	−14	−16	−2	+1	−3	+17	−12	+7	0	−1.64
21385		04 35 23.27	+54 20 22.5	9.63		H	68.846 973 89	+54.339 593 80		0.12	−3.25	−2.07	1.09	0.81	1.61	1.42	1.08	−18	+0	−5	+34	−12	−23	−16	+62	−27	−2	0	1.27
21386		04 35 24.09	+85 31 37.2	6.55		H	68.850 379 36	+85.527 006 67		27.28	13.52	9.02	1.15	1.43	1.48	1.25	1.70	+4	−2	+17	−22	−1	+15	−1	−38	−5	+16	3	
21387		04 35 24.48	+37 29 56.6	7.74		H	68.852 005 33	+37.499 063 79		3.78	−3.14	−1.68	1.01	0.90	1.14	1.34	1.23	+34	+18	−12	−37	−31	−1	−36	−47	−30	+33	0	−0.63
21388		04 35 28.19	−54 53 29.1	7.90		H	68.867 460 81	−54.891 418 09		10.13	45.50	55.18	0.61	0.57	0.64	0.74	0.67	−12	+6	−12	+28	−5	−5	−5	+13	−24	+0	1	0.37
21389		04 35 29.66	−50 58 44.5	8.99		H	68.873 572 10	−50.979 038 36		2.17	−12.21	8.93	0.67	0.69	0.77	0.75	0.70	+11	+12	+2	+19	−4	+9	−6	+1	−14	+6	0	0.99
21390		04 35 30.52	+33 16 21.1	8.28		H	68.877 151 65	+33.272 526 91		6.21	10.60	−31.49	0.93	0.56	1.02	0.92	0.73	+39	+46	+8	−7	+10	−15	−7	+40	−28	+49	0	0.32
21391		04 35 31.56	−48 43 57.3	9.36		H	68.881 501 30	−48.732 589 19		8.05	92.26	12.12	0.77	0.72	0.84	0.86	0.82	−5	+9	+2	−1	−5	−12	−5	−18	−6	−2	0	−0.14
21392		04 35 32.81	−74 22 16.3	8.77		H	68.886 719 50	−74.371 204 37		1.66	3.41	9.06	0.64	0.68	0.70	0.62	0.81	−9	+24	−11	−8	−3	+3	−4	−24	−8	−3	3	0.19
21393		04 35 33.07	−30 33 44.3	3.81		G	68.887 798 74	−30.562 310 49		15.62	−48.92	−12.75	0.40	0.46	0.63	0.45	0.57	−8	+5	−5	+14	−7	+9	−7	+9	−8	−7	0	−0.84
21394		04 35 33.75	−06 05 31.9	8.87		H	68.890 611 31	−06.092 180 79		3.77	19.52	−26.41	1.09	0.72	1.33	1.24	1.04	+12	+37	−18	+28	+27	−12	+15	+56	−23	+28	2	1.32
21395		04 35 33.90	+12 06 01.9	8.91		H	68.891 243 41	+12.100 524 39		13.51	40.14	−16.95	1.19	0.71	1.32	1.42	0.97	+8	+38	−16	+10	−9	+9	−17	+28	−24	+14	0	0.84
21396		04 35 34.48	−52 48 20.4	9.52		H	68.893 669 44	−52.805 677 54		5.86	−8.51	17.70	0.79	0.80	0.88	0.86	0.92	−5	+0	+5	−12	+3	−9	+3	−11	−18	+4	1	−1.47
21397		04 35 35.43	+32 34 47.5	8.45		G	68.897 617 65	+32.579 860 12		12.92	28.95	−29.15	0.97	0.57	1.04	1.00	0.75	+27	+43	−1	−3	+5	−12	−13	+46	−24	+42	0	0.92
21398		04 35 35.59	−62 38 53.9	8.95	1	H	68.898 277 29	−62.648 303 37		1.25	3.45	1.98	0.69	0.83	0.80	0.66	0.96	+4	+6	−15	−25	+9	+7	+15	−26	+14	+21	0	−0.12
21399		04 35 36.73	+22 01 14.7	8.18		H	68.903 044 74	+22.020 736 61		3.77	16.43	−24.35	1.09	0.72	1.31	1.27	0.96	+5	+45	−37	−4	−18	+17	−14	+5	+10	+52	0	2.03
21400		04 35 37.36	−09 10 29.8	8.52		H	68.905 663 77	−09.174 938 05		1.64	0.52	0.19	0.84	0.76	1.18	1.10	1.07	+38	+10	+2	+24	+31	+3	+34	+52	−18	+24	0	0.09

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
21301	7.984	0.013	7.489	0.015		0.473	0.004	G	0.54	0.00	H	7.5611	0.0019	0.012	59		7.54	7.58		C			1							S
21302	10.801	0.042	9.049	0.017		1.461	0.036	T	1.47	0.06	L	9.0287	0.0020	0.016	106		9.00	9.06					1							
21303	9.854	0.021	8.802	0.015		0.913	0.019	T	0.91	0.01	L	8.8526	0.0018	0.015	96		8.83	8.88		C			1							
21304	8.590	0.013	8.345	0.014		0.233	0.018	T	0.26	0.02	L	8.3867	0.0016	0.011	74		8.37	8.40		C			1 G							S
21305	9.249	0.016	8.725	0.015	*	0.501	0.017	T	0.57	0.02	L *	8.7922	0.0022	0.015	88	*	8.75	8.82		D	04344−6612	H 1	2 C	A	AB	113	0.277	0.006	0.74	0.11	
21306	10.412	0.049	9.768	0.044		0.600	0.015	G	0.67	0.01	H	9.7947	0.0035	0.023	59		9.76	9.84		C			1							G
21307	8.110	0.009	7.323	0.007		0.714	0.009	T	0.77	0.01	L	7.3817	0.0009	0.009	100		7.36	7.40		C			1							S
21308	8.471	0.017	7.807	0.013		0.615	0.018	T	0.68	0.02	L	7.8538	0.0017	0.011	65		7.84	7.87		C			1							S
21309	10.852	0.034	9.065	0.013		1.488	0.029	T	1.51	0.04	L	9.0382	0.0020	0.023	163		9.00	9.08		C			1 S							
21310	10.264	0.032	8.862	0.017		1.185	0.028	T	1.15	0.03	L	8.8986	0.0017	0.018	90		8.88	8.92					1							
21311	8.824	0.010	8.661	0.012		0.156	0.015	T	0.17	0.01	L	8.7021	0.0014	0.015	114		8.68	8.73					1							
21312	10.183	0.029	8.694	0.015		1.253	0.026	T	1.21	0.03	L	8.7192	0.0020	0.014	81		8.69	8.74		C			1							
21313	10.407	0.031	9.648	0.025		0.692	0.031	T	0.75	0.03	L	9.7057	0.0023	0.019	89		9.67	9.74		C			1							
21314	10.659	0.055	10.044	0.049		0.573	0.064	T	0.65	0.06	L	10.0540	0.0034	0.021	56		10.01	10.09		C			1							G
21315	7.247	0.005	7.031	0.005		0.214	0.004	G	0.24	0.02	A	7.0613	0.0014	0.012	110		7.04	7.08		M			1							S
21316	8.196	0.009	8.161	0.011		0.001	0.001	G	0.02	0.00	H	8.1857	0.0014	0.014	93		8.17	8.21		C			1							S
21317	8.672	0.016	7.978	0.014		0.631	0.014	G	0.69	0.02	A	8.0386	0.0019	0.011	57		8.02	8.06		C			1							S
21318	9.840	0.026	8.572	0.016		1.080	0.024	T	1.04	0.02	L	8.5903	0.0016	0.012	66		8.57	8.61		C			1							
21319	9.099	0.012	7.460	0.007		1.371	0.011	T	1.34	0.01	L	7.4876	0.0009	0.010	121		7.47	7.50		C			1							S
21320	10.807	0.043	9.315	0.021		1.256	0.038	T	1.21	0.04	L	9.3350	0.0014	0.015	106		9.31	9.36					1							
21321	10.075	0.031	9.488	0.029		0.548	0.038	T	0.62	0.04	L	9.5302	0.0021	0.017	72		9.50	9.56		C			1							
21322	8.834	0.010	7.528	0.006		1.110	0.009	T	1.07	0.01	L	7.5732	0.0012	0.014	139		7.55	7.60					1							S
21323	5.815	0.003	5.873	0.004		−0.048	0.005	T	−0.03	0.01	L	5.8746	0.0007	0.006	89		5.87	5.89		C	04346+2858	I 1	1							S
21324	7.853	0.007	6.512	0.004		1.137	0.006	T	1.10	0.01	L	6.5418	0.0006	0.009	169		6.53	6.56					1							S
21325	8.095	0.006	7.957	0.007		0.133	0.009	T	0.15	0.01	L	7.9963	0.0009	0.014	248		7.98	8.02		C			1							S
21326	10.838	0.058	9.059	0.021		1.482	0.049	T	1.50	0.07	L	9.0442	0.0021	0.018	84		9.01	9.07					1							
21327	8.598	0.015	7.684	0.011		0.776	0.002	G	0.82	0.00	H	7.7505	0.0014	0.013	128		7.73	7.77					1							S
21328	8.386	0.010	7.913	0.010	A	0.486	0.004	G	0.56	0.00	H *	7.9277	0.0013	0.011	115	*	7.91	7.95		D	04347+5100	I 1	2 C	A	AB	300	1.630	0.017	2.73	0.05	S
21329	9.540	0.014	8.707	0.011		0.734	0.014	T	0.78	0.01	L	8.7620	0.0014	0.016	146		8.74	8.80		C			1 S							
21330	8.891	0.011	8.587	0.012		0.290	0.017	T	0.33	0.02	L	8.6583	0.0018	0.018	116		8.63	8.70					1							S
21331	10.313	0.028	9.680	0.025		0.583	0.028	T	0.65	0.03	L	9.7742	0.0018	0.019	104		9.74	9.80					1							
21332	8.392	0.014	7.977	0.011		0.411	0.015	G	0.48	0.02	H	7.9989	0.0019	0.010	63		7.98	8.02		C			1							S
21333	9.776	0.026	9.234	0.025		0.510	0.015	G	0.58	0.02	H	9.2815	0.0033	0.020	72		9.25	9.31		C			1							
21334											T	12.2464	0.0163	0.116	54		12.07	12.51		P 1 A			1 S							D
21335	9.086	0.016	8.620	0.016	*	0.439	0.021	T	0.51	0.02	L *	8.6445	0.0014	0.011	79	*	8.63	8.66		D	04347+1130	I 1	2 C	A	AB	239	0.569	0.008	1.28	0.02	S
21336	8.961	0.019	7.286	0.010		1.400	0.017	T	1.38	0.02	L	7.2926	0.0009	0.009	126		7.27	7.32					1							S
21337	9.475	0.016	9.488	0.023		−0.007	0.026	T	0.01	0.02	L	9.5242	0.0022	0.020	124		9.49	9.56		C			1							
21338	9.732	0.020	8.331	0.011		1.184	0.018	T	1.14	0.02	L	8.3773	0.0015	0.011	100		8.36	8.39					1							
21339	10.328	0.027	8.387	0.011		1.645	0.024	T	1.97	0.07	O	8.2755	0.0045	0.033	104		8.23	8.33		U 2			1							S
21340	11.583	0.111	11.105	0.112		0.591	0.107	G	0.66	0.10	R	11.1711	0.0052	0.037	73		11.09	11.22		C			1							G
21341	7.383	0.010	6.828	0.008	A	0.482	0.005	G	0.57	0.03	C *	6.8592	0.0013	0.006	60	*	6.85	6.87		D	04348+2242	I 1	2 C	A	AB	283	1.923	0.013	3.04	0.06	S
21342	7.170	0.007	7.084	0.007		0.084	0.009	T	0.10	0.01	L	7.1148	0.0009	0.008	107		7.10	7.13		C			1							S
21343	9.934	0.025	9.369	0.023		0.529	0.030	T	0.60	0.03	L	9.4045	0.0020	0.016	111		9.38	9.44					1							
21344	9.682	0.023	8.349	0.013		1.131	0.021	T	1.09	0.02	L	8.4027	0.0024	0.017	95		8.37	8.42					1							
21345	11.095	0.073	8.841	0.020		1.144	0.243	G	2.18	0.12	S	8.5927	0.0044	0.032	80		8.54	8.64		R			1 S							
21346	8.916	0.015	8.610	0.016		0.291	0.021	T	0.33	0.03	L	8.6626	0.0018	0.014	78		8.65	8.70					1							S
21347	9.880	0.028	9.138	0.024		0.700	0.015	G	0.76	0.01	H	9.1693	0.0020	0.017	75		9.15	9.20		C			1							
21348	10.330	0.044	9.726	0.040		0.546	0.004	G	0.62	0.00	H	9.8396	0.0020	0.018	64		9.80	9.87		D			1							G
21349	10.574	0.041	8.669	0.015		1.582	0.035	T	1.60	0.04	L	8.5809	0.0018	0.018	88		8.55	8.61					1							
21350	8.287	0.011	8.089	0.012		0.210	0.015	G	0.23	0.02	H	8.1182	0.0018	0.011	68		8.11	8.14					1							S
21351	9.586	0.018	9.173	0.019		0.404	0.022	T	0.47	0.02	L	9.2422	0.0020	0.014	93		9.22	9.27					1							
21352	10.210	0.037	9.103	0.024	*	0.955	0.034	T	0.94	0.03	L *	9.0693	0.0068	0.024	47	*	9.03	9.10		R	04349+3908	I 1	2 C	A	AB	127	0.593	0.005	0.51	0.02	
21353	9.739	0.023	9.218	0.022		0.452	0.017	G	0.52	0.02	H	9.3120	0.0018	0.019	74		9.27	9.34		C			1							
21354	7.927	0.005	7.431	0.005	A	0.478	0.005	T	0.55	0.01	L	7.4902	0.0138	0.015	253	A	7.47	7.52		D	04349−2502	I 1	2 C	D	AB	194	21.486	0.086	3.36	0.25	S D
21355	8.328	0.009	7.145	0.006		1.014	0.008	T	0.99	0.01	L	7.2059	0.0012	0.011	136		7.19	7.22					1							S
21356	8.344	0.010	8.167	0.012		0.170	0.015	T	0.19	0.01	L	8.2050	0.0016	0.014	96		8.18	8.23		C			1							S
21357	9.302	0.015	8.023	0.009		1.089	0.014	T	1.05	0.01	L	8.0718	0.0012	0.015	140		8.04	8.10		C			1							S
21358	9.745	0.018	8.404	0.011	*	1.137	0.016	T	1.10	0.02	L *	8.4123	0.0015	0.015	107	*	8.39	8.44		D	04350−5243	I 1	2 C	A	BA	245	0.554	0.003	0.09	0.01	
21359	8.786	0.018	7.314	0.010		1.180	0.015	G	1.19	0.06	F	7.3511	0.0009	0.008	63		7.34	7.36		C			1							S
21360	10.264	0.027	8.944	0.016		1.121	0.025	T	1.08	0.03	L	8.9934	0.0015	0.016	126		8.96	9.02		C			1							
21361	11.158	0.051	9.477	0.020		1.431	0.045	T	1.78	0.15	O	9.4139	0.0023	0.023	128		9.37	9.45					1							
21362	8.464	0.009	8.285	0.011		0.171	0.013	T	0.19	0.01	L	8.3461	0.0020	0.020	139		8.31	8.38					1							S
21363	7.639	0.006	6.254	0.004		1.174	0.001	G	1.09	0.04	E	6.2922	0.0009	0.008	130		6.28	6.31		M			1							S
21364	10.119	0.018	8.695	0.010		1.202	0.016	T	1.16	0.02	L	8.7247	0.0016	0.016	185		8.70	8.76					1							
21365	9.240	0.023	7.020	0.009		1.833	0.020	T	1.86	0.02	L	6.8194	0.0022	0.015	62		6.80	6.85					1 S							S
21366	9.429	0.015	9.126	0.016		0.289	0.023	T	0.33	0.03	L	9.1592	0.0020	0.019	114		9.13	9.20		C			1							
21367	8.946	0.012	7.767	0.008		1.011	0.011	T	0.99	0.01	L	7.8197	0.0013	0.012	116		7.80	7.84		C			1							S
21368	9.363	0.014	8.678	0.013		0.629	0.015	G	0.70	0.01	H	8.7367	0.0018	0.015	109		8.71	8.77					1							S
21369	7.009	0.004	6.678	0.005		0.314	0.006	T	0.36	0.01	L	6.7262	0.0007	0.007	129		6.71	6.74		C			1 X							S
21370	8.833	0.010	8.606	0.011		0.217	0.014	T	0.24	0.02	L	8.6399	0.0018	0.018	152		8.61	8.67					1 G							
21371	11.124	0.071	10.861	0.096		0.417	0.107	G	0.48	0.11	R	10.7755	0.0047	0.035	75		10.72	10.82		C			1							G
21372	9.577	0.014	8.148	0.008		1.206	0.013	T	1.17	0.01	L	8.1784	0.0011	0.015	181		8.15	8.20					1							
21373	10.283	0.036	9.487	0.029		0.705	0.035	T	0.76	0.03	L	9.5446	0.0018	0.015	81		9.52	9.57		C			1							
21374	10.049	0.022	9.855	0.027		0.186	0.033	T	0.20	0.04	L	9.9035	0.0025	0.031	140		9.85	9.96					1 S							
21375	7.891	0.011	7.656	0.011	B	0.235	0.007	G	0.23	0.02	L	7.6948	0.0217			B				D	04352−0944	I 2	1 C I	A						S
21376	8.418	0.014	8.264	0.016		0.190	0.015	G	0.21	0.02	H	8.2722	0.0022	0.015	56		8.25	8.29					1							
21377	6.797	0.005	6.707	0.006	A	0.039	0.004	G	0.05	0.00	H	6.7515	0.0105	0.056	100	A	6.72	6.92		D	04352−0944	I 2	1 C P	A						S
21378	9.892	0.019	8.823	0.013		0.917	0.018	T	0.92	0.01	L	8.8841	0.0018	0.022	145		8.85	8.93					1							
21379	10.341	0.028	9.790	0.026		0.522	0.028	T	0.59	0.03	L	9.7951	0.0021	0.025	102		9.75	9.84					1							
21380	9.885	0.030	8.992	0.022		0.770	0.015	G	0.81	0.01	H	9.0505	0.0028	0.021	63		9.01	9.07		C			1							
21381	7.263	0.004	6.744	0.004		0.497	0.004	T	0.57	0.00	L	6.8005	0.0006	0.008	222		6.79	6.81		C			1							S
21382	7.885	0.006	7.802	0.008		0.082	0.009	T	0.09	0.01	L	7.8329	0.0011	0.010	128		7.82	7.85		C			1							S
21383	8.636	0.011	7.943	0.009		0.632	0.015	G	0.70	0.01	H	8.0128	0.0011	0.009	110		8.00	8.03		C			1							S
21384						0.982	0.002	G	1.03	0.00	I	11.8581	0.0050	0.046	120		11.77	11.93					1							D
21385	9.930	0.019	9.632	0.021		0.283	0.027	T	0.32	0.03	L	9.7069	0.0022	0.022	151		9.67	9.75		C			1							G
21386	7.181	0.005	6.616	0.005		0.529	0.006	T	0.60	0.01	L	6.6675	0.0007	0.007	131		6.65	6.69		C			1 X							S
21387	9.859	0.035	7.949	0.015		1.586	0.030	T	1.61	0.03	L	7.8572	0.0017	0.010	44		7.84	7.87		C			1							
21388	8.605	0.014	7.957	0.012		0.596	0.003	G	0.67	0.00	H	8.0232	0.0013	0.012	118		8.01	8.04		C			1							S
21389	10.513	0.030	9.113	0.017		1.183	0.027	T	1.14	0.02	L	9.1570	0.0022	0.017	101		9.13	9.19					1							
21390	8.660	0.010	8.314	0.010		0.328	0.013	T	0.38	0.02	L	8.3628	0.0013	0.010	114		8.35	8.38		C			1							
21391	10.584	0.035	9.476	0.022		0.955	0.032	T	0.94	0.02	L	9.5208	0.0022	0.020	105		9.49	9.55		C			1							
21392	10.777	0.046	8.941	0.017		1.527	0.039	T	1.57	0.09	L	8.8906	0.0020	0.017	99		8.87	8.92					1							
21393	5.037	0.002	3.918	0.002		0.957	0.043	G	0.93	0.02	A	3.9730	0.0004	0.004	133		3.97	3.98					1							S
21394	10.727	0.043	9.041	0.018		1.408	0.037	T	1.39	0.04	L	9.0094	0.0020	0.018	90		8.98	9.04		C			1							
21395	9.627	0.024	8.993	0.021		0.590	0.015	G	0.66	0.01	H	9.0397	0.0017	0.014	68		9.01	9.06		C			1							
21396	10.095	0.023	9.604	0.022		0.474	0.024	T	0.55	0.03	L	9.6311	0.0018	0.018	95		9.60	9.66		C			1							
21397	9.076	0.013	8.510	0.012		0.524	0.015	G	0.60	0.02	H	8.5624	0.0010	0.010	110		8.54	8.58					1							
21398	11.215	0.062	9.140	0.018		1.717	0.051	T	1.74	0.05	L	9.0594	0.0031	0.025	101		9.02	9.10		U			1 S							
21399	9.499	0.027	8.287	0.018		1.036	0.025	T	1.01	0.02	L	8.3432	0.0010	0.009	58		8.32	8.36		D			1							
21400	10.674	0.033	8.737	0.012		1.607	0.028	T	1.63	0.03	L	8.6343	0.0018	0.019	132		8.61	8.68					1							

Number HIP		Descriptor: epoch J1991.25 RA (h m s)	Dec (±° ′ ″)	V (mag)			Position: epoch J1991.25 α (ICRS) (deg)	δ (deg)		Par. π (mas)	Proper Motion $\mu_{\alpha*}$ (mas/yr)	μ_δ (mas/yr)	Standard Errors α* (mas)	δ (mas)	π (mas)	$\mu_{\alpha*}$ (mas/yr)	μ_δ (mas/yr)	Astrometric Correlations (%) δ/α*	π/α*	π/δ	$\mu_{\alpha*}$/α*	$\mu_{\alpha*}$/δ	$\mu_{\alpha*}$/π	μ_δ/α*	μ_δ/δ	μ_δ/π	μ_δ/$\mu_{\alpha*}$	Soln F1 (%)	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
21401		04 35 39.11	+06 10 42.4	10.80		H	68.912 943 70	+06.178 433 51		6.54	−25.36	−8.06	2.57	1.55	2.73	4.53	3.55	+26	+27	−1	−15	+13	−22	−14	+41	−20	+62	0	−1.19
21402	H	04 35 39.23	+10 09 39.3	4.25		G	68.913 473 15	+10.160 917 06	*	21.68	44.89	−52.42	1.65	0.75	0.82	0.94	0.79	+11	+27	−8	+17	+27	+3	+12	+50	−24	+47	1	1.36
21403		04 35 40.01	+19 58 08.2	7.24		H	68.916 719 82	+19.968 943 60		15.41	−9.30	−50.56	0.97	0.59	1.03	1.30	0.78	+32	+12	+0	−32	−24	+16	−28	−2	−12	+35	0	0.35
21404		04 35 40.05	−42 00 05.6	9.33		H	68.916 861 90	−42.001 545 07		3.72	−4.38	−3.30	0.83	0.93	1.06	1.06	1.22	−6	−17	−9	+8	+4	+9	+10	−19	−14	+1	0	−0.05
21405	H	04 35 41.01	+39 44 04.2	8.23		H	68.920 894 96	+39.734 500 10	*	8.69	9.72	−16.91	1.23	0.85	1.36	1.13	0.91	+21	+61	+12	+17	+0	−9	+1	+46	−3	+8	0	−1.42
21406		04 35 41.24	−57 25 34.1	8.03		G	68.921 814 19	−57.426 151 49		8.95	35.62	50.13	0.63	0.66	0.71	0.79	0.85	−7	+10	−12	−11	−8	−10	−7	+12	+20	−7	0	−2.87
21407		04 35 42.43	+80 17 28.9	10.11		H	68.926 806 59	+80.291 365 41		9.48	28.15	0.73	0.95	1.04	1.29	1.05	1.32	−7	+20	+10	+9	−2	+0	+1	−4	+8	+0	1	2.77
21408		04 35 42.57	+19 52 54.6	6.33		H	68.927 390 34	+19.881 831 23		7.03	−21.88	−16.50	0.85	0.52	0.89	1.13	0.67	+34	+18	+13	−34	−26	+23	−31	−8	−3	+35	2	1.73
21409		04 35 43.48	−19 13 24.4	9.60		H	68.931 181 59	−19.223 442 90		10.27	9.08	−12.06	1.13	1.01	1.38	1.44	1.31	−34	+20	+9	+34	−35	+0	−35	+37	−7	−51	0	0.85
21410		04 35 43.53	+59 24 03.0	6.78		H	68.931 395 75	+59.400 846 43		3.52	1.41	−11.25	0.51	0.52	0.77	0.62	0.64	+20	+13	−13	+25	+21	−11	+15	+56	−14	+31	1	−0.35
21411		04 35 44.00	+01 26 42.2	8.46		H	68.933 339 62	+01.445 060 68		12.77	6.52	−21.18	1.03	0.69	1.10	1.33	1.13	+22	+9	−1	+23	+16	−9	+9	+55	−9	+33	0	0.65
21412		04 35 44.55	−66 54 33.3	8.80		H	68.935 638 91	−66.909 255 75		3.76	0.90	30.54	0.74	0.89	0.84	0.83	1.13	+2	+8	−24	+3	+11	+1	+10	+27	−4	+13	0	0.56
21413		04 35 44.74	+45 12 52.5	7.36		H	68.936 435 78	+45.214 580 35		2.66	16.63	−10.39	0.83	0.73	0.94	1.10	0.99	+8	+21	−11	+16	+3	−16	+1	+6	+11	−10	0	0.98
21414		04 35 45.62	−21 20 23.4	8.18		H	68.940 088 97	−21.339 835 21		18.65	113.03	−41.64	0.64	0.69	0.96	0.73	0.83	−3	+23	−12	−26	+0	−16	+0	+12	+2	−5	0	1.36
21415		04 35 46.24	+35 40 14.4	8.71		H	68.942 666 28	+35.670 665 90		5.41	14.30	−27.30	1.37	1.16	1.37	1.85	1.36	+52	+9	−20	−49	−61	+5	−53	−52	+16	+68	0	1.38
21416		04 35 47.12	−68 14 17.1	9.57		H	68.946 354 06	−68.238 079 57		4.20	23.31	68.03	0.70	0.81	0.79	0.89	1.06	+2	+9	−7	+0	−2	−3	−4	+14	−9	+8	0	0.38
21417	H	04 35 47.87	+50 36 37.8	9.16		H	68.949 445 12	+50.610 503 66	*	6.52	−8.02	19.98	1.11	0.99	1.49	1.47	1.34	−20	+28	−39	+22	+4	−18	−5	+31	−3	−2	0	−1.57
21418		04 35 50.04	−20 00 54.4	8.52		G	68.958 506 39	−20.015 109 75		4.45	−8.14	−3.62	0.74	0.75	1.10	0.83	0.90	−14	+25	−9	+21	−3	−4	−7	+35	−21	−18	2	−0.66
21419		04 35 50.73	+71 20 32.1	9.16		H	68.961 376 62	+71.342 251 56		6.57	4.25	−22.36	0.64	0.96	1.21	0.68	1.18	−24	+20	−7	−12	+1	+5	+4	+6	+12	−22	1	2.38
21420		04 35 53.81	−20 10 23.9	8.56		H	68.974 204 46	−20.173 304 05		7.47	75.60	22.85	0.78	0.79	1.14	0.87	0.96	−20	+24	−12	+20	−7	+5	−13	+33	−30	−22	0	−0.97
21421		04 35 55.20	+16 30 35.1	0.87	1	G	68.980 001 95	+16.509 761 64		50.09	62.78	−189.36	0.85	0.53	0.95	0.85	0.63	+31	+49	+8	+19	+14	−26	+3	+46	−24	+29	0	0.13
21422		04 35 56.85	−38 10 25.4	9.05		H	68.986 862 25	−38.173 727 85		5.36	19.09	43.21	0.64	0.75	0.85	0.76	0.93	−7	+5	−16	−2	−10	+1	−10	−13	+0	+6	0	0.87
21423		04 35 57.92	−71 56 42.9	9.06	2	H	68.991 325 82	−71.945 256 20		2.82	19.08	22.68	0.72	0.68	0.73	0.90	0.83	−2	+15	−7	−18	−1	+1	−2	−16	−8	−7	0	−0.48
21424		04 35 59.45	+04 04 14.8	8.64		H	68.997 696 36	+04.070 765 28		1.19	18.53	25.08	1.21	0.95	1.30	1.72	1.59	+43	+8	−5	+41	+43	−29	+34	+75	−20	+58	0	−0.19
21425		04 36 00.23	−47 39 18.5	9.85		H	69.000 948 92	−47.655 138 81		11.00	−25.15	−54.31	0.86	0.93	1.02	1.04	1.11	+2	−4	−9	−12	−14	+19	−11	−1	−16	−3	0	1.53
21426		04 36 00.54	+55 30 44.0	6.91		H	69.002 268 06	+55.512 219 09		14.29	3.29	−55.20	0.59	0.50	0.81	0.71	0.64	−7	+20	−11	+36	−8	−3	−13	+65	−21	−3	0	1.42
21427		04 36 00.66	−53 14 56.9	8.99		H	69.002 752 49	−53.249 131 54		2.87	−2.52	−24.87	0.75	0.70	0.77	0.79	0.78	−12	+9	+4	−31	+14	−15	+14	−16	−1	−2	1	0.28
21428		04 36 01.67	−03 36 41.8	6.34		H	69.006 966 99	−03.611 622 10		3.73	1.10	−7.86	0.74	0.47	0.89	0.75	0.59	+8	+37	−12	+39	+21	−1	+14	+61	−22	+10	3	1.03
21429		04 36 01.92	−02 13 49.0	7.67		H	69.008 015 58	−02.230 277 80		3.29	−2.27	−5.90	0.85	0.58	0.95	0.99	0.82	+8	+33	−20	+28	+20	−4	+14	+60	−18	+16	0	−0.70
21430		04 36 03.77	−18 43 33.8	9.56		H	69.015 725 80	−18.726 043 79		3.04	−6.03	−23.17	1.01	0.79	1.21	1.24	1.02	−37	+13	+2	+34	−40	−17	−42	+35	−4	−49	0	0.33
21431		04 36 04.45	−45 08 11.0	7.29		G	69.018 534 31	−45.136 388 48		16.32	65.08	14.45	0.51	0.51	0.56	0.64	0.59	−18	+1	−4	+25	−21	+8	−21	+10	−3	−27	1	2.33
21432		04 36 04.61	+09 12 17.4	9.66		H	69.019 214 13	+09.204 820 91		7.41	12.77	0.14	1.37	0.86	1.48	1.98	1.42	+23	+28	+1	−9	+0	+7	−4	+34	−15	+22	0	−0.52
21433		04 36 05.65	+55 24 46.8	8.32		H	69.023 533 19	+55.412 988 71		34.23	547.13	−303.46	1.08	0.82	1.45	1.36	1.04	−21	+9	−12	+30	−21	+8	−20	+57	−21	−26	0	
21434	H	04 36 09.34	+08 13 32.8	7.70		H	69.038 914 44	+08.225 782 90	*	6.38	−2.55	−13.07	18.90	1.67	1.32	1.49	1.17	+56	+1	−4	−8	+0	+7	+1	+20	−10	+36	0	−0.35
21435		04 36 13.04	+47 21 23.8	7.83		H	69.054 345 94	+47.356 623 27		−0.79	2.31	1.07	1.23	1.01	1.39	1.45	1.18	−12	+32	−44	+22	−32	+5	−30	−14	+8	+7	0	1.51
21436		04 36 13.94	+21 32 11.9	7.58		H	69.058 100 82	+21.536 645 26		29.69	19.29	−41.36	0.81	0.57	0.93	0.93	0.71	+6	+32	−30	+4	−1	+11	−3	+22	+2	+39	0	1.59
21437		04 36 15.08	+47 22 15.9	7.58		G	69.062 822 75	+47.371 095 98		5.74	19.00	−39.21	1.16	1.01	1.39	1.42	1.12	−9	+30	−50	+19	−31	+7	−28	−12	+7	+7	3	0.52
21438		04 36 15.18	−39 24 52.3	9.02		H	69.063 239 15	−39.414 532 89		17.69	99.80	16.15	0.70	0.80	0.90	0.68	0.83	−7	+1	+4	−20	−7	+20	−10	−22	−5	−7	0	1.30
21439		04 36 15.24	−03 32 08.6	8.65		G	69.063 484 69	−03.535 727 87		4.91	12.74	3.72	1.03	0.69	1.17	1.10	0.86	+24	+28	+0	+47	+29	−7	+29	+69	−10	+17	0	0.85
21440		04 36 16.73	−21 19 04.1	8.18		H	69.069 716 00	−21.317 806 13		2.90	−2.36	11.21	0.68	0.76	1.04	0.74	0.91	−1	+23	−11	−27	+5	−7	+8	+14	+4	−7	0	0.58
21441		04 36 17.25	+52 30 21.8	8.67		G	69.071 879 88	+52.506 057 99		0.27	−5.21	0.43	0.76	0.57	1.21	0.95	0.78	+6	+11	−4	+17	+6	+20	−13	+59	−20	+32	0	−2.14
21442		04 36 17.56	+21 41 21.8	8.18		G	69.073 171 15	+21.689 380 95		11.19	61.76	−71.31	0.98	0.64	1.09	1.09	0.77	+9	+36	−25	−10	−12	+2	−14	+7	−2	+32	0	2.05
21443		04 36 18.27	+55 01 35.7	8.61	1	H	69.076 125 42	+55.026 586 76		14.92	−5.31	20.15	0.93	0.70	1.22	1.07	0.89	−44	+5	−6	+51	−40	−12	−42	+70	−24	−37	0	1.09
21444		04 36 19.14	−03 21 08.8	3.93	2	T	69.079 752 43	−03.352 448 00		5.56	1.73	−4.54	0.73	0.47	0.88	0.71	0.58	+8	+43	−9	+29	+21	−3	+13	+55	−16	+14	2	−1.29
21445		04 36 19.24	−17 26 38.8	7.95		G	69.080 151 66	−17.444 112 07		15.65	−1.55	−24.20	0.75	0.59	1.14	1.22	0.93	−23	+19	−1	+8	−14	+33	−13	+21	−32	−60	0	2.51
21446		04 36 19.61	+11 24 45.1	6.74		H	69.081 720 39	+11.412 518 70		3.65	2.95	−7.52	0.77	0.55	0.81	0.95	0.76	+22	+29	−7	+24	+15	+5	+14	+49	+0	+27	0	−0.80
21447		04 36 20.72	+61 21 44.4	6.91		H	69.086 319 03	+61.362 341 81		4.60	7.60	−1.28	0.52	0.51	0.80	0.62	0.62	+3	+22	−11	+8	+0	−5	−3	+34	−1	+13	0	0.62
21448		04 36 22.00	−22 15 21.1	8.35		H	69.091 665 56	−22.255 864 28		3.34	−19.15	−14.33	0.75	0.78	1.13	0.74	0.84	−10	+12	−21	−52	+1	+4	+5	−29	+9	−19	0	−1.18
21449		04 36 23.02	−30 49 56.6	8.85		H	69.095 926 13	−30.832 383 93		5.73	30.32	4.54	0.68	0.77	1.02	0.77	0.99	−6	+25	+2	+21	−10	+10	−15	+9	−13	−14	0	0.48
21450		04 36 23.16	+62 54 33.1	7.84		H	69.096 482 47	+62.909 183 13		4.49	24.05	−49.01	0.59	0.64	0.98	0.77	0.81	−20	−10	−14	+7	−9	−4	−10	+25	+19	−29	0	1.20
21451		04 36 24.04	−43 27 03.4	8.73		H	69.100 174 67	−43.450 945 58		3.36	−5.20	−30.91	0.77	0.87	0.95	0.90	1.00	−1	+11	−15	−18	−6	−1	−6	−1	+7	−2	0	−0.97
21452		04 36 24.23	+64 15 41.8	5.91		H	69.100 968 77	+64.261 620 01		7.36	−26.03	−7.37	0.42	0.45	0.65	0.50	0.53	+12	+1	−5	−21	+39	−14	+33	+22	−5	+28	1	0.83
*21453		04 36 24.77	+13 07 21.6	10.70		H	69.103 220 32	+13.122 670 59		9.87	−8.18	−11.75	2.14	1.27	2.27	2.99	1.97	+20	+20	−1	−13	−19	−5	−24	+4	−29	+21	0	−0.20
*21454	H	04 36 24.76	+34 12 33.3	9.20		G	69.103 165 29	+34.209 262 94	*	12.98	99.33	43.77	6.18	2.91	2.20	3.23	1.63	+20	+9	−7	+33	−35	−36	−38	+36	−4	−61	0	0.40
*21455		04 36 25.77	−82 34 57.1	9.48		G	69.107 363 80	−82.582 517 49		23.01	173.71	147.92	0.71	0.74	0.85	0.81	1.05	−19	+33	−15	−13	+3	−15	+2	−39	+3	−13	0	−0.52
*21456		04 36 25.65	−37 49 33.1	7.20		H	69.106 868 23	−37.825 862 26		18.36	9.81	−79.75	0.48	0.56	0.64	0.50	0.61	−7	+0	−25	−14	−10	+15	−8	−9	+9	−1	0	1.06
21457		04 36 25.88	−46 16 34.0	8.80		H	69.107 815 62	−46.276 108 69		1.57	14.86	17.00	0.66	0.72	0.80	0.75	0.81	+4	+5	+1	−3	−17	+24	−18	+0	−8	+1	0	−1.53
21458		04 36 26.69	−46 29 07.7	10.54		H	69.111 196 09	−46.485 475 37		15.78	123.33	170.21	1.08	1.19	1.38	1.26	1.43	+6	+4	−3	+12	+0	+22	−2	+19	−31	+7	0	−0.42
21459		04 36 29.07	+23 20 27.5	6.01		H	69.121 114 97	+23.340 985 74		22.60	109.97	−53.86	0.75	0.51	0.76	0.98	0.76	+46	+32	+0	−16	−15	+8	−21	+7	+5	+67	0	0.24
21460		04 36 30.76	−54 37 16.4	8.52		H	69.128 166 06	−54.621 225 93		3.37	22.61	32.30	0.68	0.72	0.74	0.80	0.87	−13	+6	−1	+16	−8	−1	−11	+30	−15	+3	4	0.22
21461		04 36 32.42	−42 19 26.0	8.91		H	69.135 103 93	−42.323 879 91		2.67	5.73	−1.42	0.82	0.89	0.99	0.99	1.18	+4	+13	+12	+23	+5	+0	+3	+12	−15	−2	0	−0.72
21462		04 36 33.30	+06 09 29.2	10.54		H	69.138 764 22	+06.158 117 96		5.28	−2.38	3.80	2.22	1.64	2.39	3.50	3.01	+36	+13	−17	+29	+38	−21	+23	+66	−30	+56	0	2.17
21463		04 36 33.87	−14 38 58.2	8.99		H	69.141 133 92	−14.649 494 00		2.37	12.60	24.00	0.84	0.84	1.38	1.57	1.31	+15	−4	−30	+0	−2	+14	+17	+43	−36	−35	0	−0.33
21464		04 36 33.93	−27 34 43.2	9.77	3	H	69.141 376 21	−27.578 671 39		3.48	2.52	−3.58	0.94	1.05	1.50	1.10	1.24	−9	+13	−13	−33	+1	−1	+5	−9	+7	−20	2	1.25
21465	H	04 36 34.72	+19 45 36.1	7.32		H	69.144 649 95	+19.760 037 59	B	4.23	−10.35	−1.53	2.68	1.65	1.84	1.98	1.26	+3	+17	+2	+4	−4	−6	−11	+20	−26	+20	0	0.83
21466	H	04 36 35.64	−27 02 52.1	7.35		G	69.148 509 08	−27.047 807 46	A	9.93	12.60	−18.27	0.74	0.88	1.11	0.78	0.95	+0	+8	−16	−22	−1	−3	+3	−22	+3	−10	0	−0.37
21467		04 36 37.68	+18 45 17.9	10.31	3	H	69.156 988 93	+18.754 959 12		5.74	−26.31	−6.42	1.75	1.08	1.85	1.76	1.29	+4	+32	+6	−5	+14	−10	+8	+28	−19	+7	0	−1.37
21468		04 36 37.93	+36 57 10.5	6.62		G	69.158 048 11	+36.952 930 26		8.68	3.88	−57.42	0.85	0.62	1.01	1.21	0.96	+0	+29	+11	−21	+22	+18	+6	−29	−42	−34	0	0.98
21469		04 36 39.13	+41 04 36.7	7.95		H	69.163 036 15	+41.076 860 07	A	2.67	5.20	−6.15	2.38	2.19	2.24	2.59	2.30	+35	+12	−62	+9	+7	+21	+19	+15	+12	+77	19	−0.46
21470		04 36 39.67	+41 04 46.7	10.26		H	69.165 304 82	+41.079 640 20	B	0.54	3.88	−5.21	22.08	20.77	16.93	19.31	16.43	+33	+16	−58	+8	+8	+23	+18	+20	+15	+77	19	−0.46
21471		04 36 39.83	−26 25 45.7	8.64		G	69.165 977 01	−26.429 373 49		5.20	9.30	38.67	0.56	0.73	1.07	0.68	0.83	−9	+10	−25	−14	+1	+12	+3	−9	−6	−2	0	−1.90
21472		04 36 40.31	−22 16 46.9	8.29	1	H	69.167 974 57	−22.279 704 20		2.19	−5.93	14.03	0.66	0.65	1.00	0.64	0.68	−14	+16	−24	−42	−1	+0	+5	−16	+9	−25	0	0.48
21473		04 36 40.36	−57 32 40.7	9.26		G	69.168 158 58	−57.544 629 79		1.45	31.84	12.26	0.76	0.86	0.83	1.06	1.27	+5	+10	+13	−26	−13	−7	−12	−29	+2	+7	0	−1.85
21474		04 36 40.66	+15 52 09.8	6.64		H	69.169 437 14	+15.869 384 53		22.99	93.78	−23.02	0.91	0.63	0.95	1.14	0.87	+37	+20	−12	−8	−24	+2	−26	−4	+4	+56	0	0.18
21475		04 36 41.19	+11 54 44.8	9.94		H	69.171 640 98	+11.912 433 15		18.93	165.74	−29.14	1.64	1.09	1.75	1.98	1.46	+3	+35	−18	+27	+4	+11	−1	+48	−18	+11	0	0.87
21476		04 36 41.43	+41 15 53.5	4.25		G	69.172 640 13	+41.264 854 67		5.08	−5.42	−19.19	0.88	0.78	0.98	0.86	0.84	+41	+46	−28	+18	+23	+15	+26	+24	+10	+80	0	1.46
21477		04 36 42.92	+03 30 53.1	8.56		H	69.178 844 29	+03.514 757 69		11.00	73.23	−227.57	1.19	1.00	1.23	1.67	1.64	+53	+19	+2	+41	+49	−18	+41	+75	−14	+64	0	0.59
21478		04 36 44.58	+27 15 19.5	9.43		G	69.185 750 47	+27.255 418 29		10.59	−34.68	−22.40	1.37	0.97	1.55	1.57	1.26	+41	+22	−17	−5	+16	+15	+5	+46	−15	+58	0	1.35
21479		04 36 45.68	−62 04 37.1	5.59	3	H	69.190 323 50	−62.076 981 29	*	16.02	−68.46	−71.22	0.67	0.61	0.69	0.73	0.78	+2	+10	−8	−48	−2	+9	+0	−15	−1	+2	13	3.80
21480		04 36 46.78	−83 29 48.2	7.15		H	69.194 897 68	−83.496 732 73		6.34	−13.22	72.04	0.51	0.55	0.61	0.54	0.70	−3	+20	−23	−17	−3	+3	−1	−14	+12	+6	0	0.58
21481	H	04 36 47.07	−49 10 17.3	8.63		H	69.196 128 63	−49.171 482 79	A	1.68	−2.99	−3.28	1.09	1.11	1.10	1.21	1.15	−2	+6	−9	+16	−7	−5	−5	−5	−4	−2	1	0.79
21482		04 36 48.09	+27 07 57.2	8.10	2	H	69.200 376 06	+27.132 551 30		56.02	232.36	−147.11	1.09	0.72	1.21	1.30	1.02	+41	+28	−10	−15	+11	+15	−9	+40	−14	+64	0	2.00
21483		04 36 49.24	−66 25 50.6	9.45		H	69.205 172 02	−66.430 718 99		1.14	6.73	9.78	0.87	1.00	0.96	1.02	1.28	+7	−5	−9	−14	+7	+10	+2	+23	−7	+22	2	0.86
21484		04 36 50.07	−08 27 37.7	7.08		H	69.208 626 85	−08.460 480 60		5.64	−5.17	1.18	0.62	0.51	0.85	0.80	0.72	+32	+23	−16	+31	+35	−30	+29	+51	−13	+38	0	1.22
21485		04 36 50.55	+37 26 20.8	7.63		H	69.210 630 74	+37.439 123 64		6.96	19.62	−29.34	0.87	0.69	1.10	1.00	0.91	+17	+33	−15	−12	+6	−11	−9	−9	−39	+19	0	−2.01
21486		04 36 50.94	−30 43 00.5	6.28		H	69.212 251 09	−30.716 795 07		8.28	−13.58	6.65	0.41	0.45	0.63	0.47	0.58	−8	+6	−4	+16	−6	+9	−7	+13	−8	−8	0	0.01
21487		04 36 53.02	+80 52 54.6	7.38		H	69.220 910 93	+80.881 823 42		6.98	−18.35	31.52	0.49	0.54	0.65	0.56	0.65	−8	+28	+7	+15	+3	+0	+5	+11	+8	−12	1	1.49
21488	H	04 36 53.89	−14 55 32.8	7.93		H	69.224 545 08	−14.925 777 60	A	14.74	46.76	32.33	1.26	1.00	1.48	1.95	1.38	−3	−2	−22	+24	−4	+19	+2	+36	−29	−29	3	2.94
21489		04 36 54.38	−14 53 10.8	9.98		H	69.226 577 39	−14.886 324 70		29.96	−113.42	−159.36	1.01	1.02	1.73	1.73	1.58	+13	+6	−31	+11	+7	+20	+15	+39	−40	−27	2	0.02
21490		04 36 55.19	−41 15 41.6	9.93		H	69.229 937 74	−41.261 552 10		4.38	2.02	21.95	1.02	1.13	1.27	1.11	1.45	+2	+10	+6	−35	−1	+7	−5	−20	−7	+19	1	0.15
21491		04 36 56.38	+34 57 06.9	8.48		G	69.234 935 08	+34.951 906 91		7.94	−8.15	−10.68	1.05	0.78	1.18	1.07	0.88	+11	+36	−27	−12	+27	−19	+11	+20	−23	+39	0	1.98
21492		04 36 58.31	+59 22 01.1	12.35		H	69.242 954 31	+59.366 965 23		39.88	124.20	−139.20	3.01	3.30	5.06	4.13	4.42	+19	−5	−21	+25	+19	−12	+16	+54	−27	+25	2	−0.90
21493		04 36 58.52	−09 53 39.0	9.06		H	69.243 835 18	−09.894 173 50		6.15	54.49	−5.79	0.88	0.70	1.23	1.10	0.95	+2	+23	−18	+21	+13	+1	+12	+28	−10	+2	0	−0.10
21494		04 37 00.02	−35 37 10.0	7.92		H	69.250 071 06	−35.619 434 95		3.89	6.18	22.15	0.58	0.62	0.78	0.62	0.79	+2	+9	−16	−12	−4	−3	−8	−4	−7	+25	0	−0.30
21495		04 37 00.41	−51 50 26.5	8.39	2	H	69.251 696 62	−51.840 681 01		6.89	2.35	−22.32	0.64	0.60	0.69	0.67	0.64	+2	+10	−6	−7	+12	+1	+11	+4	+2	+15	0	−0.77
21496		04 37 01.13	+47 45 29.8	9.07		H	69.254 709 82	+47.758 270 72		10.02	−32.14	−20.57	1.68	1.37	1.80	1.93	1.51	−12	+41	−52	+5	−45	+7	−49	−10	−6	+15	0	−1.14
21497		04 37 01.91	−28 57 10.1	8.63		H	69.257 941 87	−28.952 802 92		10.19	−30.96	−15.40	0.55	0.70	0.98	0.58	0.85	−6	+5	+0	+1	+1	+16	+0	+5	−22	−12	1	0.34
21498		04 37 02.07	−25 10 22.1	9.10	1	H	69.258 611 47	−25.172 807 23		6.24	35.03	31.59	0.50	0.95	1.34	0.68	1.16	−7	+10	−16	−9	+7	+3	+5	+0	−9	+6	0	1.15
21499		04 37 02.36	+82 41 24.9	9.34	2	H	69.259 849 93	+82.690 243 89		0.21	−0.61	−10.58	0.76	0.83	0.96	0.91	1.03	+7	+18	+8	−16	+2	+5	+1	−27	−13	+17	0	−0.53
21500		04 37 03.74	+85 52 02.0	9.19		H	69.265 600 18	+85.867 212 22		3.16	12.05	−22.12	0.67	0.72	0.85	0.74	0.94	−7	−3	+9	−23	+9	+21	+9	−15	−18	−22	3	−0.20

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No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
21401	11.495	0.110	10.908	0.099		0.598	0.107	G	0.67	0.10	R	10.9258	0.0053	0.033	65		10.86	10.98		C			1							G
21402	4.465	0.003	4.269	0.002	*	0.184	0.011	G	0.21	0.02	A *	4.3011	0.0008	0.005	57	*	4.29	4.31		D	04356+1010	I 1	2 C A	AC	328	0.219	0.010	2.17	0.09	S
21403	7.923	0.011	7.305	0.009		0.575	0.012	T	0.65	0.01	L	7.3618	0.0013	0.009	55		7.35	7.38		C	04357+1958	I 1	1							S
21404	10.736	0.036	9.449	0.020		1.100	0.015	G	1.00	0.02	A	9.4940	0.0023	0.021	94		9.46	9.53		C			1							
21405	8.713	0.018	8.295	0.018	*	0.395	0.023	T	0.46	0.03	L *	8.3227	0.0028	0.014	56	*	8.29	8.36			04357+3944	I 1	2 C S B	AS	101	0.118	0.025	0.31	0.97	
21406	8.622	0.011	8.095	0.010		0.503	0.011	T	0.58	0.01	L	8.1431	0.0014	0.014	98		8.12	8.17		C			1							S
21407	10.991	0.043	10.183	0.034		0.730	0.042	T	0.78	0.03	L	10.2535	0.0032	0.033	133		10.20	10.31		C			1							G
21408	7.264	0.010	6.425	0.006		0.754	0.009	T	0.80	0.01	L	6.4777	0.0011	0.007	62		6.47	6.49			04357+1953	I 1	1							S
21409	10.387	0.029	9.645	0.024		0.664	0.029	T	0.73	0.02	L	9.7363	0.0034	0.031	119		9.69	9.80					1							
21410	6.853	0.004	6.788	0.005		0.065	0.006	T	0.07	0.01	L	6.8108	0.0006	0.009	154		6.79	6.83					1							S
21411	9.246	0.018	8.558	0.016		0.635	0.020	T	0.70	0.02	L	8.5979	0.0018	0.012	85		8.58	8.62					1							S
21412	10.233	0.035	8.959	0.020		1.085	0.032	T	1.05	0.03	L	8.9700	0.0013	0.014	72		8.95	9.00					1							
21413	9.678	0.028	7.599	0.012		1.720	0.024	T	1.75	0.03	L	7.4625	0.0023	0.010	56		7.45	7.48		C			1							
21414	8.981	0.011	8.260	0.009		0.660	0.000	G	0.72	0.00	H	8.3132	0.0016	0.017	142		8.29	8.34		C			1							S
21415	9.227	0.020	8.754	0.020		0.465	0.015	G	0.54	0.02	H	8.8099	0.0025	0.019	56		8.76	8.86					1 G							
21416	10.094	0.024	9.608	0.024		0.457	0.031	T	0.53	0.03	L	9.6679	0.0027	0.020	109		9.64	9.71					1							
21417	9.657	0.022	9.204	0.022	*	0.427	0.028	T	0.49	0.03	L *	9.2623	0.0033	0.023	88	*	9.22	9.30			04358+5037	H 1	2 C S C	AB	25	0.109	0.045	0.67	1.97	
21418	9.054	0.012	8.549	0.011		0.485	0.012	T	0.56	0.01	L	8.6156	0.0012	0.017	117		8.58	8.64		D			1							S
21419	9.452	0.013	9.152	0.014		0.285	0.018	T	0.32	0.02	L	9.2321	0.0018	0.024	157		9.19	9.28					1							
21420	9.691	0.019	8.643	0.013		0.910	0.017	T	0.91	0.01	L	8.7169	0.0018	0.022	114		8.68	8.76					1							
21421	2.937	0.006	1.160	0.011		1.538	0.008	G	1.67	0.02	G	1.0024	0.0026	0.010	43		0.99	1.02		M	04359+1631	I 1	1							S
21422	9.323	0.014	9.091	0.016		0.216	0.021	T	0.24	0.02	L	9.1145	0.0018	0.018	128		9.07	9.15		C			1							
21423	10.176	0.025	9.189	0.018		0.864	0.023	T	0.88	0.02	L	9.2211	0.0031	0.027	108		9.17	9.26		U 2			1							
21424	9.985	0.033	8.760	0.020		1.047	0.030	T	1.02	0.03	L	8.8060	0.0015	0.012	73		8.78	8.82		C			1							S
21425	10.699	0.033	9.930	0.027		0.700	0.033	T	0.76	0.03	L	9.9965	0.0024	0.025	123		9.96	10.05		C			1							
21426	7.517	0.006	6.966	0.005		0.516	0.007	T	0.59	0.01	L	7.0257	0.0006	0.007	156		7.01	7.04					1							S
21427	10.686	0.035	9.122	0.017		1.312	0.031	T	1.27	0.04	L	9.1471	0.0016	0.017	104		9.12	9.18					1							
21428	6.216	0.004	6.326	0.005		−0.100	0.000	G	−0.08	0.00	H	6.3120	0.0007	0.007	108		6.30	6.32		C	04360−0337	I 1	1							S
21429	7.544	0.008	7.661	0.009		−0.092	0.009	G	−0.07	0.01	H	7.6482	0.0011	0.008	94		7.63	7.67		C			1							S
21430	10.065	0.023	9.566	0.023		0.480	0.025	T	0.55	0.03	L	9.6630	0.0016	0.019	125		9.63	9.70					1							
21431	7.803	0.008	7.344	0.007		0.433	0.007	G	0.50	0.01	H	7.3993	0.0009	0.009	127		7.38	7.42					1							S
21432	10.284	0.038	9.708	0.035		0.538	0.046	T	0.61	0.05	L	9.7793	0.0020	0.015	64		9.75	9.80					1							
21433	9.472	0.014	8.424	0.010		0.902	0.007	G	0.95	0.01	I	8.4686	0.0014	0.015	152		8.44	8.49		C			1 X							
21434	7.855	0.012	7.672	0.012	*	0.112	0.140	G	0.13	0.14	R *	7.7433	0.0014	0.011	68	–	7.73	7.77		D	04362+0814	I 1	3 C B							S G
21435	8.502	0.018	7.932	0.016		0.818	0.004	G	0.84	0.00	H	7.9846	0.0018	0.008	49		7.97	8.00		C	04362+4722	I 2	1							S
21436	8.417	0.014	7.668	0.014		0.685	0.016	T	0.74	0.01	L	7.7206	0.0013	0.009	63		7.71	7.73		C			1							S
21437	8.107	0.013	7.605	0.012		0.496	0.012	G	0.57	0.01	H	7.6822	0.0019	0.011	49		7.67	7.71		C	04362+4722	I 2	1							S
21438	9.825	0.020	9.074	0.017		0.671	0.020	T	0.73	0.02	L	9.1586	0.0022	0.021	124		9.13	9.19					1							
21439	8.838	0.015	8.709	0.018		0.110	0.015	G	0.12	0.01	H	8.6820	0.0014	0.014	104		8.66	8.70		C			1							
21440	9.241	0.013	8.288	0.010		0.839	0.012	T	0.86	0.01	L	8.3390	0.0017	0.018	142		8.31	8.38					1							
21441	8.848	0.010	8.695	0.011		0.170	0.015	G	0.19	0.01	H	8.7208	0.0012	0.015	166		8.70	8.75		C			1							
21442	8.705	0.015	8.211	0.015		0.456	0.015	G	0.53	0.02	H	8.2856	0.0016	0.009	60		8.27	8.30		C			1 G							S
21443	9.309	0.012	8.682	0.011		0.583	0.014	T	0.65	0.01	L	8.7372	0.0024	0.025	167		8.69	8.77		U			1							
21444	3.688	0.005	3.901	0.005		−0.210	0.009	G	−0.20	0.02	A	3.8713	0.0064	0.041	91		3.80	3.92	0.17	P 1 A	04363−0321	I 1	1							S
21445	8.472	0.010	7.992	0.009		0.463	0.015	G	0.53	0.02	H	8.0524	0.0017	0.014	123		8.03	8.08		C			1							S
21446	7.050	0.006	6.774	0.005		0.263	0.007	T	0.30	0.01	L	6.8125	0.0010	0.007	71		6.80	6.83		C			1							S
21447	8.530	0.009	7.034	0.005		1.259	0.008	T	1.22	0.01	L	7.0676	0.0011	0.009	124		7.05	7.08					1							S
21448	9.689	0.017	8.464	0.011		1.047	0.016	T	1.02	0.01	L	8.5135	0.0017	0.021	150		8.47	8.55					1							
21449	9.482	0.021	8.917	0.020		0.534	0.015	G	0.61	0.02	H	8.9707	0.0020	0.020	138		8.94	9.02		C			1							
21450	8.179	0.010	7.849	0.010		0.313	0.013	T	0.36	0.02	L	7.9142	0.0011	0.013	119		7.89	7.94		C			1							S
21451	10.108	0.023	8.846	0.014		1.075	0.021	T	1.04	0.02	L	8.8938	0.0019	0.017	110		8.86	8.93		C			1							S
21452	5.895	0.003	5.907	0.003		−0.009	0.004	T	0.01	0.00	L	5.9181	0.0006	0.007	157		5.91	5.93		C			1							S
21453	11.296	0.095	10.668	0.089		0.448	0.107	G	0.52	0.11	R	10.7981	0.0050	0.033	57		10.74	10.88		C			1							G
21454	10.028	0.054	9.148	0.040	*	0.665	0.015	G	0.73	0.01	H *	9.3271	0.0025	0.015	48	*	9.30	9.36		D	04364+3413	I 1	2 C A	BA	286	0.229	0.019	0.25	0.27	
21455	10.561	0.034	9.560	0.023		0.865	0.004	G	0.91	0.00	H	9.6236	0.0016	0.017	114		9.59	9.66		C			1							
21456	7.669	0.007	7.245	0.006		0.401	0.009	T	0.47	0.01	L	7.2922	0.0008	0.011	140		7.27	7.31		C			1							S
21457	10.126	0.026	8.884	0.016		1.060	0.024	T	1.03	0.02	L	8.9631	0.0015	0.013	105		8.94	8.99					1							
21458	11.957	0.128	10.669	0.066		1.058	0.015	G	1.11	0.02	I	10.6736	0.0028	0.030	101		10.58	10.73		D			1							G
21459	6.473	0.005	6.065	0.005		0.380	0.600	G	0.46	0.02	A	6.1055	0.0007	0.005	71		6.10	6.12					1							S
21460	8.859	0.011	8.553	0.012		0.279	0.003	G	0.32	0.00	H	8.5905	0.0017	0.015	108		8.56	8.62		C			1							S
21461	10.384	0.031	9.038	0.017		1.141	0.028	T	1.10	0.03	L	9.0811	0.0026	0.023	94		9.03	9.11					1							
21462	11.123	0.068	10.631	0.070		0.463	0.089	T	0.53	0.09	L	10.6438	0.0074	0.039	71		10.57	10.69					1							G
21463	11.043	0.053	9.200	0.019		1.533	0.045	T	1.58	0.10	L	9.1058	0.0021	0.021	116		9.07	9.16					1							
21464	11.431	0.053	9.929	0.023		1.284	0.048	T	4.29	0.08	O	9.0662	0.0239	0.225	175		8.77	9.39		U 2 C			1 S							P
21465	7.756	0.008	7.379	0.010	*	0.357	0.012	T	0.42	0.01	L *	7.4084	0.0010	0.006	62	*	7.39	7.43		D	04366+1946	I 1	2 C D	BA	191	0.472	0.002	0.02	0.02	S D
21466	7.926	0.006	7.410	0.005	A	0.496	0.015	G	0.55	0.01	L *	7.4532	0.0008	0.012	210	*	7.43	7.48		C	04366−2703	I 1	2 C C	AB	69	1.301	0.037	3.84	0.19	S
21467	11.041	0.074	10.406	0.065		0.585	0.073	T	0.66	0.07	L	10.4421	0.0494	0.269	55		10.21	10.88	0.42	P 1 A			1 S							G
21468	8.218	0.014	6.779	0.010		1.230	0.015	G	1.19	0.01	H	6.7900	0.0008	0.006	47		6.78	6.80					1							S
21469	8.186	0.016	7.981	0.018	A	0.196	0.023	T	0.21	0.03	L	8.0168	0.0075	0.027	44	A	8.00	8.07		D	04367+4105	I 2	1 C P A							S
21470			10.018	0.060	B						T	10.4889	0.0479			B					04367+4105	I 2	1 C I A							
21471	9.217	0.011	8.690	0.011		0.516	0.015	G	0.59	0.02	H	8.7535	0.0015	0.019	196		8.71	8.79					1							
21472	8.444	0.008	8.318	0.009		0.114	0.011	T	0.13	0.01	L	8.3328	0.0021	0.021	148		8.30	8.37		U			1							S
21473	10.413	0.031	9.354	0.020		0.907	0.002	G	0.91	0.00	I	9.4196	0.0018	0.016	89		9.39	9.44		C			1							
21474	7.159	0.006	6.680	0.005		0.442	0.018	G	0.51	0.02	A	6.7389	0.0009	0.007	64		6.73	6.75		C			1							S
21475	11.066	0.062	10.096	0.044		0.852	0.056	T	0.87	0.04	L	10.0966	0.0038	0.025	64		10.06	10.13		R	04367+1155	I 1	1							G
21476	5.762	0.005	4.378	0.004		1.171	0.005	T	1.13	0.01	L	4.3946	0.0018	0.011	39		4.38	4.41			04367+4116	I 1	1							S
21477	9.616	0.025	8.662	0.018		0.831	0.001	G	0.85	0.00	H	8.7089	0.0012	0.012	66		8.69	8.73		C			1							
21478	10.113	0.033	9.598	0.033		0.570	0.015	G	0.64	0.01	H	9.5919	0.0030	0.017	71		9.56	9.61		C			1							
21479	7.316	0.029	5.860	0.028		1.500	0.510	G	4.70	0.02	A	4.6635	0.0228	0.217	88		4.18	4.94		U 2	04368−6205	I 1	1 V							S P
21480	8.569	0.010	7.285	0.006		1.093	0.009	T	1.05	0.01	L	7.3155	0.0007	0.010	118		7.30	7.33					1							S
21481	10.101	0.023	8.777	0.013	*	1.067	0.002	G	1.03	0.00	H *	8.7975	0.0022	0.021	110	*	8.77	8.84		R	04368−4910	I 1	2 C A	AB	13	0.848	0.029	3.25	0.11	S
21482	9.513	0.023	8.236	0.014		1.104	0.006	G	1.18	0.01	I	8.2329	0.0035	0.028	77		8.19	8.30		U 2 C			1							P
21483	9.443	0.020	9.417	0.026		0.024	0.029	T	0.04	0.02	L	9.4668	0.0030	0.022	72		9.43	9.51					1							
21484	7.039	0.005	7.076	0.006		−0.033	0.002	G	−0.01	0.00	H	7.0820	0.0006	0.006	115		7.07	7.09		C			1							S
21485	7.691	0.011	7.636	0.013		0.070	0.015	G	0.07	0.01	L	7.6547	0.0018	0.010	50		7.64	7.68		C			1							S
21486	6.176	0.003	6.261	0.004		−0.095	0.007	G	−0.08	0.01	H	6.2562	0.0008	0.008	148		6.24	6.27					1							S
21487	7.689	0.006	7.416	0.008		0.260	0.009	T	0.29	0.01	L	7.4534	0.0011	0.010	138		7.43	7.47		C			1							S
21488	8.542	0.017	7.917	0.018	*	0.577	0.018	T	0.65	0.02	L *	8.0539	0.0011	0.015	129	*	8.03	8.09		D	04369−1456	I 1	2 C A	AB	252	2.687	0.011	2.34	0.05	S
21489	11.432	0.086	10.094	0.039		1.124	0.004	G	1.21	0.01	I	10.1028	0.0024	0.026	117		10.05	10.17		C			1							
21490	10.452	0.030	9.983	0.031		0.455	0.034	T	0.52	0.04	L	10.0258	0.0037	0.026	100		9.96	10.10					1							
21491	9.011	0.019	8.553	0.019		0.505	0.015	G	0.58	0.02	H	8.5935	0.0023	0.010	51		8.57	8.62		C			1							
21492											T	12.4949	0.0125	0.129	125		12.31	12.75					1 S							D
21493	9.442	0.016	9.080	0.017		0.343	0.022	T	0.40	0.03	L	9.1422	0.0025	0.022	115		9.11	9.18					1							S
21494	9.664	0.016	8.055	0.008		1.348	0.014	T	1.31	0.02	L	8.0755	0.0014	0.014	141		8.05	8.11					1							S
21495	9.450	0.015	8.492	0.011		0.857	0.020	G	0.92	0.02	A	8.5335	0.0053	0.045	113		8.47	8.60		U 2			1							S
21496	9.807	0.032	9.169	0.029		0.593	0.037	T	0.66	0.03	L	9.1950	0.0031	0.015	55		9.16	9.22		C			1 G							
21497	9.255	0.012	8.701	0.011		0.539	0.015	G	0.61	0.02	H	8.7515	0.0013	0.020	167		8.72	8.79					1							
21498	9.494	0.010	9.148	0.011		0.335	0.013	T	0.39	0.02	L	9.1839	0.0020	0.028	264		9.13	9.23		U			1							S
21499	11.445	0.064	9.584	0.022		1.579	0.056	T	2.56	0.08	O	9.3507	0.0038	0.032	125		9.29	9.42		U 2			1 S							
21500	9.589	0.016	9.210	0.017		0.359	0.022	T	0.42	0.02	L	9.2780	0.0018	0.015	128		9.24	9.30		C			1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
21501		04 37 04.02	+04 37 44.8	8.09		H	69.266 756 31	+04.629 123 38		4.60	18.15	3.62	1.42	1.01	1.52	1.64	1.62	+33	+47	−18	+41	+51	−20	+20	+80	−32	+62	0	0.26
21502		04 37 05.64	−30 25 45.5	6.90		H	69.273 488 53	−30.429 312 79		3.08	−1.43	25.53	0.47	0.55	0.76	0.57	0.70	−13	−2	−1	+10	−2	+14	−1	+17	−9	−13	0	−0.52
21503		04 37 06.73	+22 17 03.4	9.47		H	69.278 022 91	+22.284 266 36		14.29	201.54	−5.46	1.34	0.86	1.47	1.76	1.11	+8	+27	−15	+14	−15	+8	−12	+24	+5	+18	0	−1.08
21504		04 37 07.20	+09 23 52.8	8.31		H	69.279 984 51	+09.398 010 45		3.38	−10.34	−17.67	1.20	0.70	1.38	1.53	1.05	+13	+49	−6	+12	+6	+38	+6	+29	+2	+27	0	0.34
21505	H	04 37 07.32	−54 51 43.4	9.00		H	69.280 502 58	−54.862 059 57	A	9.85	19.81	30.63	1.59	1.86	1.54	1.61	2.14	−22	+3	+5	+19	−15	−2	−16	+20	−17	−17	4	0.87
*21506		04 37 08.22	+10 50 30.7	7.53		H	69.284 236 10	+10.841 869 19		5.50	−0.34	−11.41	0.84	0.60	0.87	1.01	0.85	+32	+35	−2	+23	+23	+0	+19	+49	+1	+44	0	1.06
*21507	H	04 37 08.13	+48 23 57.9	8.01		H	69.283 860 23	+48.399 413 47	A	1.75	2.34	−3.41	2.09	1.99	2.61	2.66	2.02	−21	+24	−66	+18	−24	+41	+9	+8	+31	+32	3	0.31
21508		04 37 08.32	−14 07 03.4	8.93		H	69.284 664 77	−14.117 617 74		8.90	−49.39	−2.40	0.85	0.78	1.16	1.18	1.07	+17	+21	−8	+18	+18	+9	+18	+50	−20	+3	0	1.07
21509		04 37 09.01	+02 41 05.5	8.65		H	69.287 528 95	+02.684 868 23		2.99	5.04	−8.70	1.00	0.71	1.13	1.39	1.32	+27	+21	−7	+12	+18	−2	+1	+45	+5	+58	0	0.05
21510		04 37 09.08	+27 55 32.7	7.45		H	69.287 812 89	+27.925 761 08		5.65	−17.67	−10.96	0.88	0.63	0.93	1.00	0.82	+42	+27	−6	+7	+17	+7	+9	+51	−4	+55	2	−0.02
21511		04 37 09.69	−25 33 22.7	8.78		G	69.290 365 81	−25.556 295 47		8.39	5.17	4.58	0.54	0.84	1.22	0.73	1.05	−10	+11	−27	−17	+1	−3	−2	−5	−10	+3	0	1.67
21512		04 37 10.12	−08 25 34.5	8.05		H	69.292 180 48	−08.426 249 12		4.06	9.29	11.64	0.81	0.66	1.06	1.01	0.95	+21	+24	−23	+36	+29	−18	+18	+53	−25	+39	0	0.42
21513		04 37 13.11	−73 50 36.2	7.78		H	69.304 624 96	−73.843 379 11		2.22	13.36	37.58	0.56	0.63	0.65	0.49	0.67	+1	+16	−10	−19	−7	+9	−8	−7	−6	−2	3	1.42
21514		04 37 13.48	−22 36 53.6	7.86		H	69.306 171 88	−22.614 896 74		6.21	17.93	−1.93	0.59	0.65	0.94	0.56	0.64	+0	+20	−29	−45	−13	+0	−9	−32	+6	−20	1	−0.03
21515		04 37 13.68	+00 59 54.0	5.32		H	69.306 984 31	+00.998 327 11		3.85	−4.91	−5.34	0.74	0.51	0.78	0.91	0.80	+17	+29	−1	+29	+12	−6	+5	+53	+2	+33	2	0.93
21516		04 37 14.39	+30 24 00.5	7.76		H	69.309 944 79	+30.400 151 90		12.74	23.38	−120.82	0.94	0.56	1.08	1.07	0.74	+31	+18	−1	−12	+4	+8	+2	+47	−32	+21	2	1.16
21517		04 37 14.78	+18 32 35.0	6.49	2	T	69.311 584 71	+18.543 048 01		3.12	−3.76	−6.77	0.76	0.46	0.82	0.72	0.52	+6	+43	+9	−5	+8	−5	−2	+19	−23	+3	0	−0.59
*21518		04 37 15.34	−12 33 37.0	8.50	1	H	69.313 901 47	−12.560 278 30		1.67	−3.34	−5.43	0.79	0.74	1.25	1.31	1.22	+33	−6	−23	+6	+0	+10	+18	+52	−36	−6	0	−1.87
*21519		04 37 15.33	−79 27 33.6	7.99		G	69.313 859 16	−79.459 339 52		4.55	15.26	37.28	0.59	0.67	0.66	0.65	0.91	+0	+2	−14	−34	−12	+19	−13	−20	−3	+8	0	0.47
21520		04 37 16.00	+44 48 20.8	8.09		H	69.316 655 99	+44.805 770 81		1.34	−4.23	−1.01	0.86	0.79	1.04	1.22	1.00	+3	+10	−19	+10	+9	−26	+0	−5	+8	−26	3	1.03
21521		04 37 16.50	−15 41 58.9	8.47		H	69.318 740 81	−15.699 692 12		2.20	−4.97	−30.51	0.69	0.63	1.17	0.79	0.77	−20	+29	−24	+0	−10	+27	−10	+6	−27	−35	0	0.15
21522		04 37 17.06	−23 02 55.0	7.67		G	69.321 095 65	−23.048 611 73		2.42	7.54	18.02	0.59	0.61	0.90	0.55	0.61	+6	+9	−24	−54	−15	+12	−8	−33	−9	−27	0	−0.42
21523		04 37 18.18	−72 28 36.6	7.78		H	69.325 729 96	−72.476 846 22		2.32	−1.28	18.66	0.64	0.61	0.67	0.72	0.71	−6	+15	−15	−10	+0	+8	+0	−6	−4	−10	0	1.00
21524		04 37 18.84	−49 46 14.8	10.18		H	69.328 495 37	−49.770 789 68		3.00	−9.04	8.12	0.91	0.99	1.08	1.15	1.12	+4	+7	+6	+11	−5	+4	−5	+2	−10	+8	0	−0.82
21525		04 37 19.25	−41 52 23.0	6.40		H	69.330 200 95	−41.873 064 44		9.10	24.76	49.44	0.46	0.51	0.58	0.50	0.63	−3	+6	+0	−9	+10	+0	+9	−1	−19	+9	0	0.08
21526		04 37 19.59	+06 29 37.7	9.48		H	69.331 606 76	+06.493 815 70		6.78	14.34	−12.92	1.72	1.25	2.02	2.69	2.40	+30	+23	−23	+22	+36	−15	+12	+66	−38	+56	0	0.66
21527		04 37 19.97	−70 04 15.9	9.44		H	69.333 218 19	−70.071 084 74		0.87	7.10	9.71	0.77	0.81	0.82	0.83	0.94	−14	+13	−18	−26	+11	+4	+14	+0	−12	−23	0	−1.56
21528	H	04 37 20.47	+00 17 23.4	8.98		H	69.335 296 31	+00.289 844 83	A	6.70	3.49	−12.65	1.85	1.28	1.96	2.09	1.78	+6	+17	−27	+19	+6	−4	−7	+41	−33	+26	0	0.38
21529	H	04 37 22.19	+05 28 20.3	10.03		H	69.342 440 35	+05.472 302 17	A	3.34	−5.38	−5.01	4.81	3.37	4.42	6.08	4.99	+23	−2	−33	+32	+24	−33	+12	+61	−50	+40	0	−0.37
21530		04 37 23.58	+68 16 56.5	7.40		H	69.348 233 70	+68.282 372 01		2.61	−10.15	4.19	0.36	0.56	0.75	0.47	0.65	+2	+12	−4	−15	−4	+16	−2	−24	+2	+17	0	−0.68
21531		04 37 24.20	+27 45 35.5	10.46		H	69.350 847 30	+27.759 853 97		5.57	13.12	−27.60	1.88	1.42	1.99	2.24	1.91	+48	+11	−16	+9	+30	+1	+20	+62	−19	+60	0	0.63
21532		04 37 24.58	+25 43 38.8	7.51		H	69.352 404 97	+25.727 444 70		5.50	28.14	−28.38	0.87	0.60	0.90	1.01	0.75	+20	+29	−2	+27	+9	−10	+3	+55	−6	+33	0	1.39
21533		04 37 24.82	+13 55 15.7	8.59		H	69.353 404 82	+13.921 016 51		0.35	−4.17	−17.19	1.29	0.73	1.36	2.19	1.11	+32	−3	−23	−45	−21	+34	−10	+2	−17	+17	0	−0.02
21534		04 37 26.08	+00 34 28.6	7.50		H	69.358 670 10	+00.574 604 19		16.69	15.21	12.90	0.90	0.58	0.97	1.17	0.95	+13	+24	+1	+22	+5	−8	−1	+44	+3	+27	2	1.06
21535		04 37 26.22	−16 21 44.0	8.67		H	69.359 257 80	−16.362 213 33		5.71	23.13	−4.67	0.71	0.61	1.15	0.90	0.80	−23	+31	−19	+9	−18	+24	−18	+23	−29	−44	0	0.80
21536	H	04 37 26.28	−09 51 01.2	8.63		G	69.359 481 05	−09.850 341 16	A	10.54	70.21	23.37	3.60	2.66	1.61	1.54	1.37	+12	+17	+10	+6	+6	+15	+13	+30	+12	−11	3	0.15
21537		04 37 26.71	+00 33 11.1	7.49		H	69.361 298 65	+00.553 090 34		15.97	17.23	11.42	0.92	0.58	1.00	1.20	0.95	+14	+25	+3	+20	+2	−11	−4	+42	−1	+26	2	−0.18
21538		04 37 27.02	+43 01 15.5	7.78		H	69.362 595 58	+43.020 982 90		3.56	14.75	−18.51	1.03	1.10	1.21	1.42	1.45	+26	−4	−43	+5	−41	+13	−43	−34	+29	+18	0	2.21
21539		04 37 27.17	−33 18 15.4	10.17		H	69.363 219 98	−33.304 267 29		28.61	−82.53	17.51	0.90	1.05	1.31	1.05	1.33	+4	+17	−11	+3	−4	+14	−3	−4	−5	+12	4	1.12
21540		04 37 28.90	−54 39 23.3	9.38		H	69.370 431 29	−54.656 476 74		7.65	120.32	67.74	0.82	0.87	0.91	0.99	1.06	−10	−8	+1	+26	−5	−15	−1	+8	−17	+8	0	−0.52
21541		04 37 29.55	−40 31 52.2	9.60		H	69.373 107 36	−40.531 171 78		10.20	31.99	−39.40	0.87	1.02	1.07	1.01	1.23	−21	−8	+1	−26	+3	+8	+2	−26	+2	−23	0	−0.22
21542	H	04 37 31.74	+14 18 07.4	9.03		H	69.382 248 79	+14.302 061 68	A	7.59	−8.95	−16.30	1.87	1.34	2.21	2.58	1.68	+8	+18	−52	−15	−13	+15	−17	+22	−34	+18	4	0.09
21543		04 37 31.93	+15 08 47.4	7.53		H	69.383 038 86	+15.146 497 76		23.54	86.80	−17.98	1.80	1.56	1.29	4.77	2.77	+76	+20	−10	−46	−71	−14	−82	−81	−12	+63	0	1.13
21544		04 37 32.42	+60 05 25.2	7.35		H	69.385 085 91	+60.090 324 00		5.94	−0.66	2.29	0.51	0.54	0.81	0.64	0.67	+24	+8	−12	+15	+32	−7	+25	+49	−14	+41	1	−0.21
21545		04 37 33.61	−64 07 20.8	9.45		H	69.390 042 46	−64.122 440 94		8.02	26.64	36.17	0.73	0.79	0.79	0.62	0.97	−3	+0	−2	−46	+17	+5	+21	−26	+12	+28	1	0.88
21546		04 37 35.39	+44 36 28.5	9.39		H	69.397 438 81	+44.607 926 51		2.51	14.00	4.04	1.17	1.10	1.45	1.58	1.34	−2	+17	−29	−9	+16	−24	+6	−15	−3	−16	0	2.71
21547		04 37 36.11	−02 28 24.2	5.22	1	G	69.400 444 21	−02.473 392 12		33.60	43.32	−64.23	0.81	0.51	0.91	0.81	0.61	−9	+44	−23	+41	+9	−1	+1	+63	−18	+3	2	1.02
21548		04 37 36.33	−28 10 54.1	9.33		H	69.401 388 92	−28.181 683 04		15.96	61.36	48.76	0.79	0.88	1.23	0.96	1.03	−11	+20	−7	−5	−13	+11	−11	+5	−6	−26	0	2.72
21549		04 37 37.34	+04 58 58.1	7.62		G	69.405 594 80	+04.982 810 17		9.17	−39.84	−8.32	1.29	1.09	1.39	1.62	1.54	+47	+23	−34	+49	+61	−37	+37	+82	−40	+72	3	1.59
21550		04 37 38.39	−29 54 13.8	8.12		G	69.409 954 22	−29.903 826 13		8.91	15.09	−92.63	0.56	0.67	0.91	0.70	0.87	−10	−2	+0	+0	−1	+19	−1	+10	+1	−10	0	−0.98
21551		04 37 38.87	+23 46 56.7	9.99		H	69.411 973 90	+23.782 403 17		4.24	28.97	−16.63	1.49	0.98	1.55	1.92	1.47	+38	+27	−14	−23	−24	+9	−32	−2	−10	+61	0	1.49
21552		04 37 39.00	+49 51 37.3	9.10		H	69.412 487 52	+49.860 359 91		5.98	−13.11	5.78	1.20	1.30	1.78	1.39	1.40	−9	+32	−53	−5	−25	+25	−3	−29	+30	+33	2	1.00
21553		04 37 40.64	+52 53 41.2	8.62		G	69.419 317 71	+52.894 769 87		98.12	305.20	−475.59	0.78	0.56	1.20	1.00	0.76	−4	+10	−17	+21	−16	+12	−25	+54	−30	+17	0	−1.57
21554		04 37 41.81	+15 20 46.2	8.91		H	69.424 209 67	+15.346 169 61		3.75	11.88	−31.18	1.17	0.81	1.31	1.55	1.13	+27	+15	−26	+3	−15	+1	−17	+7	+3	+49	0	0.32
21555		04 37 41.94	+71 53 39.9	7.91		G	69.424 770 79	+71.894 425 73		3.42	1.59	−10.35	0.43	0.63	0.79	0.47	0.79	−26	+8	−2	−11	+7	+14	+8	−13	+8	−22	1	0.88
21556		04 37 42.00	−11 02 18.3	10.34		G	69.425 002 70	−11.038 404 38		90.23	−225.81	−193.60	1.33	1.19	1.81	1.92	1.89	+34	+13	−6	+35	+27	−11	+30	+61	−18	+20	6	1.27
21557		04 37 42.82	−02 38 47.2	7.15		H	69.428 427 99	−02.646 445 83		8.50	0.85	−24.77	0.86	0.54	1.02	0.89	0.65	−6	+42	−23	+38	+16	−4	+5	+62	−24	+4	2	1.76
*21558		04 37 43.55	+78 59 12.2	7.37		G	69.431 474 70	+78.986 721 54		7.18	−6.71	−45.83	0.45	0.50	0.62	0.46	0.58	+5	+28	+12	+2	+8	+1	+9	−2	+1	+15	0	−1.23
*21559		04 37 43.54	+41 36 42.8	8.34		H	69.431 417 62	+41.611 886 70		23.19	63.71	−174.17	1.25	1.06	1.52	1.39	1.29	+22	+45	−41	+17	+24	+6	+28	+24	+11	+64	3	2.49
21560		04 37 43.63	−26 46 46.6	8.19		G	69.431 773 26	−26.779 605 92		7.67	59.21	−4.94	0.56	0.72	0.98	0.75	1.00	−19	+16	−20	−42	+12	−7	+11	−35	+0	−13	0	−1.15
21561		04 37 44.30	−18 19 50.8	7.66		H	69.434 574 04	−18.330 773 91		4.52	−9.30	−11.45	0.75	0.63	0.93	0.93	0.84	−38	+26	−12	+29	−35	+8	−35	+46	−19	−52	0	−1.38
21562		04 37 44.48	−48 17 39.4	8.93		H	69.435 329 09	−48.294 290 96		2.93	10.27	16.89	0.73	0.71	0.82	0.76	0.76	+4	−6	−14	−4	−17	+17	−15	+3	−8	−4	0	−0.12
21563		04 37 44.50	−31 24 38.0	8.13	2	H	69.435 436 92	−31.410 546 34		4.60	−4.09	−20.42	0.60	0.78	0.95	0.67	1.04	−6	+14	−15	+16	−1	+11	−6	+40	−21	+7	1	−0.40
21564		04 37 44.52	+42 24 04.0	10.58		H	69.435 507 37	+42.401 119 72		−3.11	8.31	−6.09	2.06	2.03	2.67	3.13	3.24	+18	+6	−48	+13	−8	+20	+5	−14	+37	+40	0	0.55
21565		04 37 44.66	+38 05 48.9	9.69		H	69.436 102 20	+38.096 906 36		5.14	3.64	−20.78	1.51	1.11	1.85	1.70	1.34	+10	+37	−40	−33	−11	−20	−31	−8	−30	+51	0	0.52
21566		04 37 45.32	+30 24 27.6	8.51		H	69.438 850 09	+30.407 659 13		1.50	0.91	−8.58	1.06	0.66	1.21	1.23	0.91	+37	+23	−3	−5	+11	+0	+6	+54	−33	+31	0	1.70
21567		04 37 47.79	−17 25 11.1	8.33		H	69.449 139 77	−17.419 761 59		3.47	−4.47	−7.25	0.74	0.66	1.10	1.23	0.99	−22	+11	−2	+1	−20	+32	−8	+38	−33	−58	3	2.02
21568		04 37 48.20	+68 32 48.1	8.51	1	H	69.450 818 96	+68.546 682 43		3.29	4.27	−1.20	0.50	0.76	1.05	0.69	0.96	−1	+22	−2	+5	+2	+8	+3	−8	−4	+21	5	1.76
21569		04 37 50.68	+56 07 02.2	8.67		H	69.461 159 88	+56.117 267 91		3.02	−4.74	0.22	0.77	0.61	1.10	0.86	0.76	−17	+35	−25	+29	−10	−1	−22	+59	−31	−2	0	1.03
21570		04 37 51.05	−44 46 53.6	8.76		H	69.462 700 14	−44.781 547 84		1.92	0.93	16.48	0.67	0.75	0.83	0.83	0.88	−9	+5	+7	+5	−16	+16	−18	+6	−11	−2	1	0.84
21571		04 37 52.15	+60 40 34.1	7.76		H	69.467 286 77	+60.676 142 21		33.84	60.62	22.06	0.58	0.60	0.91	0.70	0.73	+6	+18	−11	+12	+13	−2	+10	+38	−3	+18	0	2.09
21572		04 37 53.90	+05 46 13.2	8.84		H	69.474 576 94	+05.770 344 06		4.13	1.95	−10.69	1.36	1.05	1.45	2.03	1.69	+43	+1	−31	+32	+43	−35	+34	+71	−38	+51	6	−1.39
21573		04 37 54.14	+30 31 36.9	9.31		H	69.475 591 80	+30.526 907 50		4.91	−11.68	1.06	1.23	0.77	1.40	1.52	1.04	+19	+10	+1	+3	−3	+8	−3	+55	−26	+10	4	1.85
*21574		04 37 58.51	+43 35 42.5	10.52		G	69.493 794 44	+43.595 134 19		2.12	−6.23	4.42	3.85	3.25	2.98	4.61	3.82	+3	+3	−10	−76	−14	+21	−11	−78	−12	+9	0	1.77
*21575		04 37 54.33	+07 19 03.5	7.00	1	G	69.476 395 41	+07.317 632 54		1.48	2.83	−3.05	0.88	0.56	0.99	1.01	0.85	+26	+44	+5	−1	+6	+14	−4	+28	+5	+50	5	1.63
21576		04 37 59.16	−20 41 16.9	7.26		H	69.496 516 19	−20.688 028 28		2.44	−0.16	8.66	0.58	0.50	0.74	0.64	0.64	−19	+21	−17	+14	−8	+3	−9	+12	−7	−23	0	−0.29
21577		04 37 59.75	−13 01 44.0	7.33		H	69.498 970 56	−13.028 877 08	A	2.27	22.95	−18.61	2.34	1.68	2.25	2.96	2.30	+37	+14	+3	+2	−7	+15	+0	+23	−5	+11	17	1.95
21578		04 37 59.87	−13 01 56.3	7.83		H	69.499 455 32	−13.032 292 30	B	4.98	22.80	−18.74	5.93	4.21	3.41	4.65	4.11	+35	+21	+14	+1	−5	+14	+2	+22	−3	+7	17	1.95
21579		04 38 01.47	−27 15 40.1	8.06		H	69.506 143 15	−27.261 150 65		7.23	68.91	−11.39	0.55	0.65	0.92	0.62	0.73	−6	+14	−1	−28	+1	+4	+1	−15	−6	−14	0	−1.35
21580		04 38 02.27	−49 48 45.5	9.14		H	69.509 454 71	−49.812 635 04		1.38	14.60	28.70	0.71	0.78	0.84	0.90	0.92	+3	+7	−2	+9	−9	+8	−8	−5	−10	+11	0	1.26
21581	H	04 38 03.50	+57 06 38.4	8.28		G	69.514 591 82	+57.110 661 26	*	2.61	−5.76	−7.91	1.46	1.06	1.34	0.94	0.90	−42	+29	−28	+27	−4	+3	−25	+67	−40	−7	0	0.03
21582		04 38 04.27	−17 48 57.9	7.57		H	69.517 798 63	−17.816 077 86		4.82	10.06	−8.14	0.74	0.59	1.00	1.16	0.93	−36	+19	−6	+18	−25	+24	−23	+31	−33	−68	0	0.15
21583		04 38 05.86	+46 14 01.3	6.98		H	69.524 400 25	+46.233 705 88		5.68	25.69	−21.57	0.93	0.70	1.10	0.84	0.73	−19	+56	−37	+15	−8	−5	−12	+17	−7	+9	0	0.36
21584		04 38 06.93	−11 10 05.4	8.22		H	69.528 890 74	−11.168 154 10		3.98	−3.91	−3.47	0.89	0.82	1.19	1.24	1.20	+47	−1	−15	+40	+34	−3	+41	+67	−34	+19	0	1.58
21585		04 38 07.59	−58 12 14.0	6.61		H	69.531 631 15	−58.203 877 04		5.35	−25.90	27.23	0.52	0.52	0.57	0.59	0.65	−9	+14	−19	+14	−13	−12	−15	−3	+18	−15	0	−0.52
21586		04 38 07.68	+51 10 14.7	10.39		H	69.531 993 55	+51.170 736 78		15.66	168.46	−250.06	1.40	1.09	2.03	1.80	1.45	−16	+15	−38	+7	−6	+14	−15	+43	−34	+12	0	1.62
21587		04 38 08.93	+71 28 12.0	7.67		H	69.537 223 02	+71.469 997 09		5.83	3.99	−21.46	0.45	0.68	0.85	0.48	0.84	−21	+17	−19	−9	+2	+5	+4	−8	+7	−17	2	−0.40
21588		04 38 09.38	+16 02 00.2	5.78		H	69.539 068 17	+16.033 388 88		21.96	113.05	−40.40	1.01	0.76	1.04	1.32	1.04	+48	+17	−37	−12	−33	+7	−38	−14	−19	+64	5	1.36
21589		04 38 09.40	+12 30 39.1	4.27		G	69.539 173 71	+12.510 874 23		21.79	101.73	−14.90	0.76	0.55	0.79	0.96	0.76	+17	+22	−13	+26	+16	+4	+14	+51	+0	+29	0	1.07
21590		04 38 09.70	−16 43 38.1	7.94		H	69.540 417 31	−16.727 249 80		5.62	−21.32	−69.36	0.71	0.59	1.07	1.13	0.83	−25	+18	−19	+2	−21	+36	−11	+33	−30	−53	0	2.45
21591		04 38 09.80	+24 33 13.4	9.03		H	69.540 815 99	+24.553 717 27		6.74	0.90	−14.47	1.15	0.79	1.30	1.56	1.03	+15	+16	−23	+8	+5	−7	−2	+41	−22	+26	0	1.88
21592		04 38 09.80	−34 06 37.0	7.81	1	H	69.540 818 01	−34.110 286 46		4.01	2.99	−26.66	0.53	0.60	0.76	0.57	0.79	+8	+4	−11	+9	+4	+3	+3	+14	−20	+25	0	−0.97
21593		04 38 10.27	−44 37 35.1	7.90		H	69.542 799 09	−44.626 413 63		4.92	20.08	32.92	0.52	0.56	0.62	0.61	0.65	−12	+3	+5	+1	−10	+7	−11	+8	−6	−13	0	1.10
21594	H	04 38 10.87	−14 18 12.9	3.86		H	69.545 295 58	−14.303 587 00	A	29.84	−77.86	−178.06	0.63	0.48	0.62	0.74	0.57	+16	+7	−27	+7	+6	+10	+9	+32	−18	+12	2	−0.43
21595		04 38 11.55	−13 15 29.8	7.33		G	69.548 127 63	−13.258 273 82		14.08	32.58	−10.94	0.58	0.50	0.80	0.74	0.71	+15	+15	−6	+30	+1	−5	+1	+49	−6	+7	1	−0.35
21596		04 38 11.85	−20 50 30.3	9.33		H	69.549 382 03	−20.841 751 72		8.97	26.01	−32.43	0.99	0.95	1.38	1.12	1.19	−19	+26	−12	+11	−3	+10	−4	+7	−11	−19	0	0.81
*21597		04 38 12.46	+65 15 56.1	9.24		H	69.551 934 92	+65.265 593 55		2.09	−2.87	−4.45	0.77	0.83	1.18	0.86	0.97	+10	+5	−8	+5	+13	−3	+11	+22	+3	+24	1	−1.73
*21598		04 38 12.44	+71 28 33.0	10.49		H	69.551 816 37	+71.475 844 62		−13.35	−6.11	15.92	11.76	15.71	20.02	11.54	18.26	−22	+15	−8	−27	+4	+2	+3	−15	+1	−20	2	
21599		04 38 13.20	−68 48 42.1	8.10		H	69.554 982 69	−68.811 683 49		3.35	8.32	7.48	0.55	0.57	0.59	0.55	0.68	−3	+10	−9	−11	−1	+15	−4	+20	−10	+6	0	−0.91
21600		04 38 14.57	+08 20 09.4	10.86	3	H	69.560 705 48	+08.335 946 84		−2.62	−10.49	−23.14	18.17	4.56	20.80	3.70	3.02	+86	+99	+84	+28	+27	+30	−26	−17	−27	+24	0	−0.14

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
21501	8.956	0.016	8.191	0.013		0.697	0.016	T	0.75	0.01	L	8.2322	0.0014	0.010	70		8.22	8.25		C			1							S
21502	8.600	0.010	7.051	0.006		1.300	0.009	T	1.26	0.01	L	7.0589	0.0009	0.011	152		7.04	7.08					1							S
21503	10.407	0.043	9.553	0.033		0.750	0.042	T	0.79	0.03	L	9.6082	0.0025	0.017	70		9.58	9.64		C			1							
21504	9.665	0.031	8.427	0.019		1.057	0.028	T	1.02	0.02	L	8.4718	0.0026	0.015	63		8.44	8.50		C			1							
21505	9.789	0.022	9.138	0.019	*	0.604	0.025	T	0.67	0.02	L *	9.1288	0.0015	0.019	108	*	9.10	9.16		D	04371−5452	I 1	2 C	A	AB	327	0.646	0.003	0.77	0.02	
21506	7.776	0.011	7.558	0.010		0.208	0.014	T	0.23	0.02	L	7.5931	0.0012	0.008	61		7.58	7.61					1							S
21507	8.433	0.015	8.100	0.015	A	0.000	0.495	G	0.33	0.05	L *	8.0870	0.0020	0.014	50	*	8.04	8.11		D	04371+4824	I 1	2 C	A	AB	29	1.437	0.016	2.32	0.13	S
21508	9.492	0.023	8.999	0.022		0.490	0.015	G	0.56	0.02	H	9.0364	0.0017	0.017	120		9.00	9.10		C			1							
21509	10.072	0.031	8.750	0.017		1.122	0.028	T	1.08	0.03	L	8.8182	0.0019	0.010	65		8.80	8.84		C			1							
21510	7.686	0.009	7.484	0.008		0.193	0.011	T	0.21	0.01	L	7.5130	0.0014	0.009	94		7.49	7.53					1							S
21511	9.528	0.013	8.860	0.011		0.631	0.015	G	0.70	0.01	H	8.9127	0.0014	0.022	217		8.88	8.95		C			1							
21512	9.289	0.015	8.154	0.010		0.976	0.014	T	0.96	0.01	L	8.2089	0.0015	0.011	106		8.19	8.23		C			1							
21513	9.401	0.017	7.915	0.009		1.251	0.015	T	1.21	0.01	L	7.9456	0.0013	0.012	102		7.92	7.96		C			1							S
21514	7.863	0.007	7.847	0.008		0.015	0.009	T	0.03	0.01	L	7.8701	0.0012	0.016	163		7.84	7.90					1							S
21515	5.171	0.004	5.296	0.004		−0.107	0.005	T	−0.09	0.01	L	5.2850	0.0008	0.005	77		5.27	5.30		C			1							S P
21516	8.366	0.010	7.835	0.008		0.498	0.012	T	0.57	0.01	L	7.8747	0.0010	0.011	112		7.86	7.89		C			1							S
21517	7.496	0.029	6.582	0.017		0.810	0.025	T	0.84	0.02	L	6.6746	0.0247	0.154	60		6.49	6.83	3.15	P 1 A			1	S						S
21518	10.677	0.036	8.718	0.012		1.660	0.031	T	2.20	0.07	O	8.5672	0.0027	0.024	154		8.52	8.60		U			1							
21519	9.375	0.015	8.093	0.009		1.085	0.002	G	1.05	0.00	H	8.1499	0.0016	0.011	104		8.13	8.17		C			1							
21520	10.171	0.039	8.257	0.016		1.611	0.036	T	1.63	0.04	L	8.1946	0.0035	0.016	55		8.17	8.22					1	S						
21521	9.810	0.020	8.594	0.013		1.039	0.019	T	1.01	0.02	L	8.6410	0.0017	0.016	141		8.62	8.67		C			1							
21522	7.559	0.006	7.646	0.008		−0.087	0.002	G	−0.07	0.00	H	7.6563	0.0012	0.015	160		7.63	7.68					1							S
21523	9.553	0.017	7.937	0.009		1.353	0.015	T	1.32	0.02	L	7.9353	0.0014	0.010	109		7.92	7.95					1							S
21524	10.614	0.032	10.203	0.036		0.402	0.040	T	0.47	0.04	L	10.2712	0.0031	0.025	103		10.23	10.32		C			1							
21525	6.608	0.004	6.426	0.005		0.167	0.006	T	0.18	0.01	L	6.4531	0.0013	0.008	109		6.44	6.47					1							S
21526	10.105	0.032	9.562	0.031		0.509	0.040	T	0.58	0.04	L	9.5875	0.0024	0.020	65		9.55	9.62		C			1							
21527	9.802	0.024	9.413	0.025		0.380	0.029	T	0.44	0.03	L	9.5267	0.0017	0.015	100		9.50	9.56		C			1							
21528	9.447	0.020	9.081	0.022	A	0.800	0.495	G	0.42	0.07	L *	9.0680	0.0022	0.018	75	*	9.04	9.11		D	04373+0017	I 1	2 C	A	AB	345	2.598	0.022	2.89	0.11	S
21529	10.894	0.068	10.399	0.071	A	0.400	0.495	G	0.58	0.18	L *	10.1373	0.0030	0.019	71	*	10.10	10.18		D	04374+0528	I 1	2 C	A	AB	120	1.583	0.011	0.50	0.04	G
21530	7.429	0.004	7.397	0.005		0.034	0.006	T	0.05	0.01	L	7.4227	0.0006	0.010	198		7.41	7.44					1							S
21531	11.472	0.091	10.658	0.078		0.738	0.086	G	0.79	0.06	R	10.6016	0.0039	0.031	83		10.54	10.65					1							G
21532	9.263	0.020	7.657	0.011		1.360	0.010	G	1.33	0.01	H	7.6580	0.0011	0.010	84		7.64	7.67		C			1							S
21533	11.024	0.076	8.860	0.022		1.788	0.063	T	1.82	0.07	L	8.6877	0.0028	0.012	53		8.67	8.70					1	S						
21534	8.161	0.010	7.557	0.011		0.563	0.013	T	0.64	0.01	L	7.6261	0.0011	0.008	77		7.62	7.65		C	04374+0034	I 2	1							S
21535	8.884	0.011	8.691	0.012		0.177	0.016	T	0.19	0.02	L	8.7289	0.0012	0.013	142		8.70	8.77					1							
21536	9.336	0.014	8.731	0.013	*	0.570	0.015	G	0.64	0.01	H *	8.7670	0.0010	0.014	120	*	8.75	8.79		D	04374−0951	I 1	2 C	A	AB	296	0.320	0.004	0.62	0.06	
21537	8.150	0.014	7.537	0.012		0.571	0.016	T	0.64	0.01	L	7.6150	0.0008	0.007	74		7.60	7.63		D	04374+0034	I 2	1							S
21538	9.144	0.022	7.875	0.014		1.081	0.020	T	1.04	0.02	L	7.9457	0.0019	0.011	45		7.92	7.96					1							S
21539	11.677	0.081	10.275	0.037		1.000	0.020	G	1.05	0.02	I	10.3113	0.0032	0.033	144		10.24	10.35					1 G							G
21540	10.078	0.024	9.464	0.022		0.569	0.024	T	0.64	0.02	L	9.4980	0.0023	0.019	113		9.47	9.54		C			1							
21541	10.434	0.031	9.659	0.025		0.689	0.030	T	0.75	0.03	L	9.7416	0.0028	0.020	101		9.71	9.77		C			1							
21542	9.660	0.032	9.077	0.029	A	0.642	0.126	G	0.62	0.07	L *	9.1462	0.0022	0.013	52	*	9.12	9.17		D	04375+1418	H 1	2 C	D	AB	79	6.693	0.071	3.60	0.20	D
21543	8.272	0.013	7.619	0.009		0.597	0.012	T	0.67	0.01	L	7.6601	0.0019	0.013	68		7.64	7.68					1 G							S
21544	7.378	0.005	7.352	0.006		0.029	0.007	T	0.05	0.01	L	7.3675	0.0007	0.011	151		7.35	7.40		D			1							S
21545	10.153	0.025	9.492	0.022		0.603	0.025	T	0.67	0.02	L	9.5734	0.0023	0.018	99		9.54	9.61		C			1							
21546	10.839	0.067	9.547	0.037		1.099	0.060	T	1.06	0.06	L	9.5593	0.0026	0.020	56		9.52	9.59		C			1							G
21547	5.559	0.003	5.251	0.002		0.283	0.006	G	0.33	0.02	A	5.2896	0.0008	0.007	98		5.28	5.30		M	04376−0228	I 1	1							S
21548	10.201	0.025	9.408	0.019		0.703	0.024	T	0.76	0.02	L	9.4634	0.0023	0.027	152		9.41	9.51		C			1							
21549	7.972	0.010	7.638	0.011		0.344	0.015	G	0.40	0.02	H	7.6965	0.0011	0.010	68		7.68	7.71		D			1							S
21550	8.681	0.010	8.170	0.010		0.488	0.015	G	0.56	0.02	H	8.2243	0.0014	0.017	144		8.19	8.26		C	04376−2954	I 1	1							S
21551	11.077	0.070	10.081	0.044		0.871	0.062	T	0.88	0.05	L	10.1543	0.0025	0.024	72		10.11	10.19		C			1							G
21552	9.631	0.037	9.177	0.038		0.428	0.049	T	0.50	0.05	L	9.1915	0.0040	0.021	52		9.16	9.23					1	S						
21553	10.523	0.033	8.812	0.014		1.423	0.011	G	1.73	0.03	I	8.7012	0.0013	0.017	166		8.68	8.73					1							
21554	10.650	0.050	9.061	0.023		1.332	0.043	T	1.30	0.05	L	9.0686	0.0021	0.015	59		9.04	9.10		C			1							
21555	8.086	0.007	7.937	0.007		0.172	0.015	G	0.19	0.01	H	7.9669	0.0012	0.016	182		7.94	8.00					1							S
21556	12.350	0.211	10.396	0.054		1.505	0.017	G	2.21	0.02	A	10.3780	0.0034	0.030	114		10.33	10.43					1							G
21557	8.366	0.010	7.255	0.007		0.958	0.009	T	0.95	0.01	L	7.3131	0.0012	0.008	97		7.30	7.33		C			1							S
21558	7.706	0.006	7.400	0.006		0.311	0.015	G	0.36	0.02	H	7.4475	0.0011	0.010	155		7.43	7.47					1							S
21559	9.307	0.037	8.457	0.029		0.747	0.036	T	0.79	0.03	L	8.4765	0.0017	0.011	38		8.46	8.50					1							
21560	8.333	0.006	8.206	0.007		0.108	0.002	G	0.12	0.00	H	8.2385	0.0013	0.018	193		8.20	8.27		C			1 G							S
21561	9.187	0.013	7.778	0.008		1.190	0.012	T	1.15	0.01	L	7.8214	0.0015	0.013	122		7.80	7.84					1							S
21562	10.070	0.023	9.026	0.016		0.907	0.021	T	0.91	0.01	L	9.0872	0.0016	0.020	115		9.05	9.13					1							
21563	9.418	0.015	8.264	0.010		0.991	0.014	T	0.97	0.01	L	8.2923	0.0034	0.040	138		8.25	8.37		U 2			1							
21564											T	10.7241	0.0084	0.036	38		10.66	10.77					1							G
21565	10.280	0.044	9.747	0.044		0.500	0.056	T	0.57	0.06	L	9.7946	0.0035	0.021	50		9.77	9.83		C			1							G
21566	8.760	0.013	8.523	0.014		0.226	0.018	T	0.25	0.02	L	8.5788	0.0014	0.012	108		8.56	8.60		C			1							
21567	8.392	0.008	8.323	0.010		0.062	0.011	T	0.07	0.01	L	8.3536	0.0017	0.015	129		8.32	8.38					1							S
21568	8.564	0.007	8.532	0.009		0.034	0.011	T	0.05	0.01	L	8.5324	0.0022	0.026	201		8.49	8.57		U			1	S						
21569	8.880	0.010	8.686	0.012		0.186	0.015	T	0.20	0.02	L	8.7365	0.0014	0.015	156		8.71	8.76		C			1	S						
21570	10.043	0.023	8.861	0.015		1.013	0.021	T	0.99	0.02	L	8.9236	0.0015	0.016	119		8.90	8.95		C			1							
21571	8.620	0.010	7.839	0.008		0.710	0.010	T	0.76	0.01	L	7.9064	0.0012	0.013	128		7.89	7.93		C			1							S
21572	9.587	0.023	8.913	0.020		0.624	0.025	T	0.69	0.02	L	8.9753	0.0019	0.013	67		8.96	9.00		C			1							
21573	9.921	0.025	9.368	0.024		0.518	0.031	T	0.59	0.03	L	9.4159	0.0020	0.015	98		9.39	9.45		C			1							G
21574						1.466	0.013	G	1.44	0.01	J	10.6719	0.0075	0.035	33		10.62	10.73					1							G
21575	6.921	0.007	6.981	0.008		−0.057	0.002	G	−0.04	0.00	H	6.9917	0.0027	0.014	62		6.97	7.01	1.06	P 1 A			1							S
21576	7.113	0.005	7.239	0.007		−0.115	0.002	G	−0.10	0.00	H	7.2295	0.0009	0.010	121		7.21	7.25					1							S
21577	7.390	0.006	7.340	0.007	A	0.045	0.008	T	0.06	0.01	L	7.3547	0.0078	0.058	149	A	7.31	7.56		D	04380−1302	I 2	1 C P A							S
21578	8.061	0.009	7.852	0.010	B	0.200	0.012	T	0.22	0.01	L	7.9584	0.0119			B				D	04380−1302	I 2	1 C I A							S
21579	9.680	0.013	8.193	0.007		1.252	0.012	T	1.21	0.01	L	8.2223	0.0014	0.017	190		8.20	8.26					1							S
21580	10.411	0.029	9.217	0.018		1.022	0.027	T	1.00	0.02	L	9.3044	0.0022	0.021	104		9.28	9.33					1							
21581	8.440	0.008	8.295	0.009	*	0.140	0.015	G	0.15	0.01	H *	8.3202	0.0013	0.013	134	*	8.30	8.34		D	04381+5707	H 1	2 C	A	AB	331	0.284	0.006	1.55	0.07	
21582	9.013	0.012	7.702	0.008		1.114	0.011	T	1.08	0.01	L	7.7330	0.0012	0.011	119		7.71	7.76		C	04381−1749	I 1	1							S
21583	8.535	0.017	7.082	0.010		1.189	0.005	G	1.15	0.01	H	7.1166	0.0011	0.010	52		7.11	7.13		C			1							S
21584	9.508	0.017	8.331	0.011		1.009	0.016	T	0.98	0.01	L	8.3901	0.0015	0.015	121		8.36	8.42		C			1							
21585	7.791	0.006	6.714	0.005		0.932	0.006	T	0.93	0.00	L	6.7717	0.0010	0.008	101		6.76	6.79					1							S
21586	11.402	0.073	10.730	0.076		0.622	0.088	T	0.69	0.08	L	10.5356	0.0037	0.025	92		10.50	10.58		C			1							G
21587	7.832	0.006	7.665	0.007		0.137	0.150	G	0.13	0.01	L	7.7115	0.0012	0.012	172		7.69	7.74		D	04382+7128	I 2	1							S
21588	6.155	0.004	5.818	0.005		0.312	0.005	G	0.38	0.02	A	5.8599	0.0009	0.006	68		5.85	5.87		C	04382+1602	I 1	1 G							S
21589	4.435	0.002	4.285	0.003		0.122	0.005	G	0.15	0.03	C	4.3136	0.0006	0.003	54		4.31	4.32		C	04381+1231	I 1	1							S
21590	9.596	0.018	8.069	0.009		1.283	0.016	T	1.24	0.02	L	8.0964	0.0014	0.014	139		8.07	8.12					1							S
21591	9.779	0.025	9.093	0.021		0.650	0.015	G	0.71	0.01	H	9.1614	0.0025	0.019	70		9.13	9.19		C			1							
21592	9.165	0.014	7.940	0.009		1.047	0.013	T	1.02	0.01	L	7.9818	0.0012	0.017	147		7.96	8.02		M			1							S
21593	8.235	0.009	7.932	0.008		0.317	0.015	G	0.37	0.02	H	7.9747	0.0015	0.011	123		7.96	8.00			04382−4438	I 1	1							S
21594	5.288	0.003	3.994	0.002	*	1.082	0.039	G	1.09	0.02	A *	4.0248	0.0005	0.005	117	*	4.02	4.04		D	04382−1418	I 1	2 C	A	AB	343	0.810	0.005	2.90	0.02	S
21595	7.864	0.007	7.371	0.006		0.453	0.013	G	0.52	0.01	H	7.4335	0.0010	0.010	144		7.42	7.45		C			1							S
21596	10.037	0.025	9.403	0.022		0.584	0.025	T	0.66	0.02	L	9.4582	0.0030	0.025	110		9.41	9.51		C			1							
21597	9.439	0.016	9.244	0.019		0.187	0.023	T	0.21	0.03	L	9.3067	0.0026	0.023	136		9.27	9.35		C			1							
21598	11.049	0.049	10.539	0.046							T	10.6230	0.0200	0.242	156		9.80	10.82		D	04382+7128	I 2	1 X	S						
21599	8.072	0.007	8.099	0.009		−0.022	0.010	T	0.00	0.01	L	8.1002	0.0014	0.013	108		8.08	8.12					1							S
21600						1.500	0.510	G	4.28	0.96	Q	10.1683	0.0817	0.405	26		9.53	10.64	329.80	P 1 B			1	S						G P

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
21601		04 38 15.04	+60 53 03.3	6.64		H	69.562 686 08	+60.884 251 74		2.46	4.31	−21.74	0.50	0.49	0.76	0.57	0.59	+8	+23	−5	+2	+7	−7	+8	+28	+5	+10	0	3.02
21602		04 38 15.23	+31 59 55.7	7.11	1	H	69.563 470 32	+31.998 810 70		2.95	0.25	−8.66	0.84	0.64	0.95	0.94	0.80	+33	+28	−22	+16	+35	−19	+16	+55	−31	+57	0	0.80
21603		04 38 15.77	−43 14 18.1	10.51		G	69.565 701 58	−43.238 370 21		3.33	2.41	5.24	1.05	1.09	1.24	1.29	1.31	−5	+8	+2	+4	−12	−2	−11	+7	+2	−12	0	−1.63
21604		04 38 15.84	+20 41 05.1	5.85	3	H	69.565 993 61	+20.684 742 22		9.03	−13.89	−8.23	0.78	0.47	0.84	0.68	0.54	+31	+60	+15	−10	−8	−9	−18	+9	−18	+39	0	2.80
21605		04 38 16.17	−24 39 30.8	8.60	2	H	69.567 386 12	−24.658 564 52		0.98	2.30	4.59	0.37	0.76	1.04	0.47	0.92	−7	+9	−26	+9	−1	+2	−1	−9	−12	+0	0	0.02
21606		04 38 18.39	−47 08 29.6	9.29		H	69.576 620 56	−47.141 560 85		2.35	1.79	−14.53	0.82	0.78	0.91	0.81	0.87	+0	−3	+0	−13	−5	+3	−7	+9	−12	+10	0	1.19
21607	H	04 38 18.98	+53 47 02.7	8.73		H	69.579 083 16	+53.784 071 75	A	9.48	2.92	0.56	1.90	1.60	1.70	1.68	1.41	−24	+5	−14	+36	−19	−3	−31	+57	−28	−18	0	−0.81
21608		04 38 20.06	+37 21 45.0	8.44		H	69.583 572 93	+37.362 496 77		10.14	7.80	−37.45	1.13	0.72	1.27	1.12	0.83	+13	+50	−9	−9	+0	−8	−12	+6	−23	+17	0	1.92
*21609		04 38 21.37	−65 25 08.5	9.85		G	69.589 050 75	−65.419 041 03		17.00	732.93	1249.38	0.87	0.95	0.98	0.96	1.25	−5	+16	−4	−1	+3	+21	+3	+3	−10	−7	0	−0.45
*21610		04 38 21.33	+42 24 41.7	9.94		H	69.588 888 96	+42.411 588 61		3.07	9.68	−12.27	2.02	2.21	2.86	3.02	3.31	+28	+3	−58	+31	−1	+11	+8	−12	+44	+43	0	0.24
21611		04 38 21.74	−77 39 21.5	6.05		G	69.590 601 65	−77.655 977 54		4.98	−7.03	−10.49	0.48	0.60	0.58	0.49	0.81	−17	+24	−29	−13	+7	−9	+3	−14	−4	−21	0	−1.10
21612		04 38 22.91	+39 26 58.2	8.41		G	69.595 452 00	+39.449 489 17		7.63	−25.31	−13.74	0.94	0.73	1.20	1.06	0.80	+3	+41	−34	−2	+2	−25	−17	+24	−30	+20	0	−0.07
21613		04 38 23.48	−40 35 23.5	9.07		H	69.597 815 50	−40.589 860 85		9.78	−15.50	20.12	0.81	0.87	1.01	0.88	1.05	−16	−11	+12	−20	+4	+1	+5	−16	−15	−6	0	−1.38
21614		04 38 25.00	+42 58 07.8	7.97		H	69.604 166 58	+42.968 830 20		−0.13	−2.20	−2.76	0.99	1.12	1.25	1.32	1.35	+31	+8	−45	−18	−41	+33	−26	−44	+26	+56	0	1.33
21615		04 38 25.99	+29 23 14.5	8.76		H	69.608 301 72	+29.387 355 01		6.58	3.86	0.89	1.25	0.84	1.30	1.59	1.14	+47	+15	+1	+5	+18	+17	+23	+69	−10	+35	0	0.45
21616		04 38 27.91	−31 09 13.0	9.07		H	69.616 278 55	−31.153 599 22		2.77	−0.88	−25.75	0.74	0.90	1.14	0.85	1.15	−4	+10	−24	+3	+6	+1	+5	+10	−10	+7	0	0.20
21617		04 38 28.41	+28 43 03.6	8.34		H	69.618 372 58	+28.717 678 83		11.49	−61.41	−25.17	1.09	0.83	1.07	1.34	1.08	+47	+15	−4	+35	+26	−4	+28	+72	−11	+40	0	0.41
21618		04 38 28.82	−19 38 27.0	7.13		H	69.620 103 05	−19.640 845 48		10.67	−8.77	−2.24	0.64	0.56	0.81	0.80	0.73	−26	+13	−14	+42	−25	−8	−29	+35	−7	−35	0	−0.89
21619	H	04 38 29.49	+26 56 21.9	6.56		G	69.622 863 82	+26.939 424 08	B	14.29	42.99	−66.05	2.22	1.35	1.64	1.83	1.32	+36	+11	−4	−25	+8	+23	−13	+37	−3	+61	2	1.52
21620		04 38 30.42	−04 10 09.1	8.47		H	69.626 736 72	−04.169 205 71		4.10	9.66	−7.73	1.02	0.64	1.33	1.12	0.84	+3	+37	−14	+35	+20	+10	+7	+46	−37	−1	0	0.69
21621		04 38 31.06	+18 44 01.5	8.45	2	H	69.629 404 31	+18.733 745 18		1.98	−1.46	−2.73	1.02	0.70	1.15	1.09	0.85	+19	+23	+3	+14	+21	−2	+13	+39	−29	+21	2	0.59
21622		04 38 32.29	−40 11 06.3	9.19		G	69.634 553 24	−40.185 089 75		12.74	232.37	179.73	0.80	0.90	0.99	0.92	1.05	−5	−16	+11	−36	+7	+25	+6	−26	−8	−7	3	0.85
21623		04 38 32.34	+02 04 20.4	9.17		H	69.634 756 61	+02.072 346 38		5.25	10.42	−6.11	1.28	0.83	1.35	1.43	1.21	+2	+32	−4	+33	+5	−3	−4	+53	−4	+24	6	0.98
21624		04 38 33.84	+61 12 57.4	7.68		H	69.640 995 73	+61.215 941 79		6.77	30.61	−81.37	0.59	0.62	0.94	0.69	0.73	−4	+14	−24	+17	−7	−3	−7	+31	+11	+1	0	1.70
21625		04 38 34.16	−09 20 35.5	7.64		H	69.642 323 55	−09.343 205 72		15.56	6.83	5.67	0.73	0.67	0.93	0.86	0.90	+53	+20	+7	+41	+39	−2	+43	+56	+7	+42	2	0.06
21626		04 38 36.24	+08 10 30.7	7.64	2	H	69.651 002 06	+08.175 192 80		1.66	−0.70	−8.38	0.88	0.60	0.97	1.18	0.93	+24	+18	+1	−1	−4	+12	−11	+25	−1	+38	0	1.60
21627		04 38 36.91	+58 39 44.6	8.32		H	69.653 773 13	+58.662 380 98		1.26	1.58	−2.46	0.76	0.65	1.08	0.73	0.75	−44	+48	−43	+25	−27	+10	−37	+59	−35	−32	0	0.43
21628		04 38 38.71	+38 26 55.1	7.61		H	69.661 307 79	+38.448 634 68		3.15	−1.32	−9.63	0.97	0.72	1.27	1.03	0.82	+4	+44	−47	−24	−6	−11	−28	+10	−32	+50	0	1.38
21629		04 38 38.90	+06 52 29.4	8.32		H	69.662 079 12	+06.874 844 66		6.66	19.16	−25.20	1.16	0.95	1.37	1.68	1.69	+39	+26	−20	+24	+47	−15	+20	+65	−34	+71	0	0.00
21630		04 38 39.29	+17 24 29.2	7.89		H	69.663 692 88	+17.408 119 25		7.38	12.65	−11.64	1.03	0.64	1.17	1.12	0.86	+23	+34	−1	−8	+17	−10	+7	+24	−36	+15	0	−1.62
21631		04 38 42.23	+52 00 48.8	9.24		H	69.675 945 44	+52.013 560 00		4.31	−0.78	−3.93	0.87	0.70	1.35	1.36	1.11	+13	+4	−23	+10	+12	+17	−9	+53	−19	+58	2	1.69
21632		04 38 43.91	−27 02 01.7	8.47	2	H	69.682 938 16	−27.033 808 20		18.27	55.99	−10.76	0.57	0.73	1.02	0.63	0.79	−8	+11	−12	−28	+2	+5	+3	−14	−6	−15	0	0.37
21633		04 38 46.21	+06 49 13.2	7.95	2	H	69.692 549 39	+06.820 332 36		2.34	8.36	8.41	1.16	0.97	1.37	1.72	1.74	+40	+21	−22	+24	+46	−13	+21	+64	−34	+71	3	0.23
21634		04 38 49.28	−62 22 43.0	6.78		H	69.705 333 99	−62.378 608 52		6.84	−2.44	30.67	0.48	0.50	0.53	0.48	0.59	−9	+17	−16	−21	+1	+2	+6	−6	+18	−12	1	−1.12
21635		04 38 49.78	−69 27 15.0	8.11		H	69.707 401 29	−69.454 174 95		3.02	14.08	25.63	0.60	0.62	0.64	0.63	0.73	−10	+2	−4	−4	−2	+16	+0	+17	−11	−19	0	0.37
21636		04 38 51.03	+82 29 10.9	8.27	2	H	69.712 621 33	+82.486 367 60		1.51	−1.10	0.13	0.61	0.66	0.79	0.60	0.74	+11	+19	+20	−14	+8	+10	+4	−13	−17	+10	0	−1.14
21637		04 38 51.23	+23 09 00.4	7.51		H	69.713 438 39	+23.150 105 05		22.60	104.30	−55.25	0.87	0.59	0.91	1.06	0.81	+38	+26	−12	−8	−16	+10	−19	+6	+2	+56	0	1.18
21638		04 38 52.00	+39 09 09.0	9.12		H	69.716 678 88	+39.152 513 24		3.30	1.49	35.06	1.10	0.81	1.30	1.39	0.94	+11	+32	−28	−15	−18	−17	−27	+1	−18	+23	0	1.85
21639		04 38 52.14	+20 46 50.8	9.89		H	69.717 250 20	+20.780 772 94		6.63	5.61	−15.99	1.68	0.95	1.86	1.55	1.18	+12	+53	−17	−26	−7	−18	−27	+6	−26	+47	0	0.74
21640		04 38 52.51	−08 13 29.3	7.27		H	69.718 778 91	−08.224 803 47		7.39	23.67	−18.37	0.83	0.63	0.98	0.82	0.80	+2	+48	−18	+44	+14	+8	+6	+62	−11	+23	0	−1.86
*21641		04 38 53.34	−18 59 12.2	9.93		H	69.722 232 95	−18.986 724 77		5.67	−3.93	0.47	1.21	1.00	1.50	1.49	1.35	−34	+9	−21	+36	−30	−7	−35	+32	−15	−34	0	0.78
*21642		04 38 53.33	+42 14 24.1	6.89		H	69.722 208 26	+42.240 039 66		7.05	−2.27	−30.18	1.04	1.10	1.19	1.61	1.71	+52	+0	−44	+29	+10	+20	+21	+9	+25	+67	0	0.28
21643		04 38 53.54	−51 27 01.0	8.83		H	69.723 092 46	−51.450 290 02		2.76	9.09	11.18	0.70	0.65	0.75	0.81	0.69	−3	−2	−4	+14	−11	+10	−9	+3	−7	+1	0	−1.87
21644	H	04 38 53.59	−12 07 23.1	4.99	1	H	69.723 307 21	−12.123 078 28	*	14.34	−65.10	−17.68	1.15	1.01	0.78	0.89	0.68	−28	−5	−6	+15	+1	−4	+6	+36	−17	−13	1	−0.30
21645		04 38 54.06	−58 58 50.2	7.20		H	69.725 252 83	−58.980 620 87		5.39	18.90	21.94	0.50	0.54	0.56	0.55	0.66	−12	+21	−11	+10	+0	−17	−1	−12	+14	−21	0	0.32
21646		04 38 54.60	−18 53 14.1	9.02		H	69.727 490 47	−18.887 236 23		3.85	10.13	0.60	0.90	0.77	1.25	1.14	1.10	−15	+14	−24	+23	−20	−1	−26	+19	−22	−19	0	−0.18
21647		04 38 55.01	−07 23 41.1	8.40		H	69.729 221 79	−07.394 745 56		0.95	−3.46	−3.47	1.01	1.07	1.26	1.27	1.41	+38	+20	−30	+44	+48	+7	+42	+77	−35	+42	0	−0.29
21648		04 38 55.74	−13 20 47.7	8.33	2	H	69.732 255 14	−13.346 571 25		0.66	−14.04	−54.99	0.70	0.63	1.03	0.92	0.93	+19	+18	−12	+24	+7	−4	+4	+33	−14	+15	0	−1.64
21649		04 38 56.01	−25 42 21.4	7.30		H	69.733 385 09	−25.705 945 43		6.06	12.18	−28.58	0.41	0.58	0.86	0.53	0.66	−7	+13	−28	−16	−3	+5	−1	−18	−1	+2	1	0.14
21650		04 38 56.07	+11 59 50.4	9.05		H	69.733 633 41	+11.997 324 09		5.16	−0.63	−6.15	1.22	0.82	1.28	1.56	1.15	+9	+22	−8	+17	+5	+8	+3	+46	−14	+9	0	1.47
21651		04 38 56.20	−37 19 52.1	8.47		H	69.734 152 65	−37.331 125 54		4.00	−0.47	−7.17	0.67	0.77	0.94	0.77	0.87	−14	+7	−30	+0	−14	+25	−7	−7	−6	−5	0	−0.08
21652		04 38 56.41	−36 10 45.8	8.81		H	69.735 036 26	−36.179 399 31		4.66	22.84	−9.53	0.67	0.73	0.88	0.71	0.81	+3	+0	−15	+21	−17	−2	−16	+1	−9	+11	0	0.49
21653		04 38 56.50	−27 54 41.8	7.94		G	69.735 432 91	−27.911 617 64		7.43	13.63	1.36	0.50	0.61	0.86	0.60	0.71	−7	+16	−6	−16	−5	+6	−3	+2	−2	−13	0	1.67
21654		04 38 57.25	+14 06 20.3	7.96		G	69.738 551 40	+14.105 631 92		20.81	103.31	−21.62	1.11	0.65	1.30	1.21	0.90	+8	+55	−22	+2	+3	+3	−16	+35	−31	+32	0	0.41
21655		04 38 57.84	+56 38 17.3	8.03		H	69.740 981 61	+56.638 128 82		3.32	−10.60	−5.36	0.74	0.60	1.00	0.84	0.73	+4	+24	−23	+38	+15	−2	+3	+62	−28	+27	0	−1.45
*21656		04 38 58.92	+22 19 30.6	9.86		H	69.745 481 72	+22.325 165 81		5.35	−6.01	−7.09	1.36	0.91	1.43	1.82	1.15	+16	+15	−8	+18	−19	+3	−18	+17	−4	+16	3	−0.26
*21657		04 38 58.90	+36 32 47.6	7.73		H	69.745 420 28	+36.546 564 45		9.14	12.04	−14.27	1.01	0.74	1.20	1.62	1.08	+3	+17	−15	−17	+8	+16	+5	−17	−27	−39	3	2.47
21658		04 38 59.81	−05 46 25.0	9.05		H	69.749 205 83	−05.773 618 75		1.80	−3.15	−1.66	1.16	0.89	1.40	1.18	1.12	+19	+43	−17	+41	+26	+11	+16	+62	−26	+23	0	1.83
21659	H	04 39 01.40	+48 34 04.7	11.36		H	69.755 815 40	+48.567 976 13	A	18.49	96.20	−147.94	8.19	7.15	7.93	9.22	7.51	+6	+18	−33	+13	−18	+31	−6	−9	+21	+45	0	0.87
21660		04 39 02.54	−56 09 58.1	9.35		H	69.760 595 20	−56.166 142 24		3.59	−9.00	−10.47	0.80	0.86	0.90	1.05	1.16	+11	−18	−6	−10	−9	+15	−11	−12	+13	+3	0	−2.59
21661		04 39 03.00	+46 23 25.6	9.56	1	G	69.762 509 74	+46.390 439 17		1.94	0.21	0.67	1.52	1.03	1.66	1.77	1.22	−26	+45	−32	−5	−1	+9	−1	+7	−8	−20	0	0.40
21662		04 39 03.88	+76 58 27.7	8.11		H	69.766 159 28	+76.974 349 81		3.49	−6.99	7.39	0.53	0.60	0.75	0.60	0.69	+0	+11	+1	−11	+10	+14	+11	+1	+6	+5	0	2.50
21663	H	04 39 03.98	+10 23 56.2	9.44		H	69.766 590 82	+10.398 944 81	A	5.02	1.34	−5.71	2.44	1.64	2.34	2.73	2.27	+27	+37	−4	−4	+17	−14	−4	+35	−17	+62	0	−0.64
21664		04 39 04.21	+67 12 03.4	7.79		H	69.767 548 09	+67.200 933 28		2.80	11.47	−18.59	0.48	0.56	0.85	0.56	0.69	−5	+13	+3	−26	+0	−1	−2	−14	−5	+12	0	−0.69
*21665		04 39 04.34	−50 28 46.5	9.13		H	69.768 076 41	−50.479 585 30		7.69	0.22	−30.59	0.73	0.74	0.83	0.77	0.76	+4	+12	+5	+17	−15	+22	−18	+11	−13	−11	0	−0.14
*21666		04 39 04.29	−51 40 22.1	6.45		H	69.767 870 44	−51.672 796 17		4.97	13.58	18.12	0.46	0.43	0.51	0.50	0.46	+5	+4	+1	+0	−3	+12	−3	−7	−1	+11	0	−0.14
21667		04 39 04.89	+41 15 00.0	8.72		H	69.770 372 33	+41.250 007 80		1.31	−3.80	−3.67	1.26	0.89	1.46	1.11	1.00	+22	+56	−8	+5	+12	+4	+4	+8	−11	+35	0	0.60
21668		04 39 05.30	−15 12 58.4	9.32		G	69.772 099 15	−15.216 213 10		10.75	35.02	−66.76	0.85	0.74	1.33	1.42	1.14	−16	+15	−5	+12	−21	+28	−14	+28	−27	−63	0	1.55
21669		04 39 05.78	−04 48 24.7	7.96		H	69.774 098 24	−04.806 864 73		2.45	−2.29	8.09	0.97	0.61	1.09	1.31	0.86	−2	+25	−8	+23	+10	+6	+9	+41	−14	−14	0	−1.34
21670		04 39 06.10	+07 52 15.6	5.38		H	69.775 428 64	+07.870 987 53		19.44	91.87	−4.56	0.79	0.56	0.86	1.02	0.79	+28	+31	+6	+12	+5	+14	+3	+36	+3	+32	0	0.53
21671		04 39 08.15	+43 55 19.9	10.19		H	69.783 954 94	+43.922 181 54		3.56	−19.91	−6.05	1.95	2.02	2.38	2.48	2.26	+17	+8	−47	−34	−36	+23	−27	−53	+18	+30	0	−0.28
21672		04 39 08.67	+13 00 11.3	7.20		H	69.786 113 16	+13.003 139 13		16.77	−43.12	−64.17	0.85	0.59	0.87	1.22	0.89	+16	+17	−3	+6	+13	+10	+17	+39	−10	+0	0	0.20
21673		04 39 09.20	+15 48 00.1	5.08		G	69.788 322 06	+15.800 034 42		21.49	32.40	−77.67	1.52	1.32	0.96	3.91	2.52	+75	+27	+1	−48	−78	−10	−81	−80	−18	+70	0	1.18
*21674		04 39 09.68	+02 07 45.8	8.32		H	69.790 333 35	+02.129 398 45		3.95	37.48	−22.58	1.01	0.70	1.12	1.21	1.05	+14	+37	−8	+13	+12	−13	+1	+44	−8	+36	0	1.29
*21675		04 39 09.68	+74 28 08.5	7.85		H	69.790 327 63	+74.469 025 14		3.91	15.89	−95.86	0.47	0.64	0.82	0.55	0.75	−5	+19	−16	+19	+11	+14	+19	−3	+24	+15	0	−0.30
21676		04 39 12.36	+10 55 27.4	10.21		H	69.801 497 85	+10.924 287 25		7.29	−4.26	3.90	1.87	1.30	2.10	2.43	2.01	+31	+39	−13	+13	+21	−3	+6	+46	−20	+52	0	0.08
21677		04 39 13.54	+22 39 08.1	8.54		H	69.806 435 65	+22.652 259 25		2.33	0.47	−1.83	0.96	0.65	1.03	1.22	0.84	+21	+14	−11	+17	−10	+11	−9	+27	+3	+30	0	1.35
21678		04 39 14.01	−54 10 33.1	8.53		H	69.808 389 99	−54.175 849 56		5.57	10.52	12.68	0.70	0.72	0.80	0.82	0.90	−4	−13	−2	−7	+5	−25	+4	+2	−11	+19	0	−0.20
21679		04 39 14.43	+31 44 29.5	7.92		G	69.810 133 87	+31.741 519 27		6.37	28.52	−22.87	0.90	0.70	1.03	0.99	0.79	+20	+35	−28	+1	+22	−13	+11	+32	−16	+42	0	1.36
21680		04 39 14.73	+44 16 39.9	9.54		H	69.811 374 98	+44.277 745 25		11.86	109.92	−184.07	1.57	1.66	1.66	2.19	2.12	+44	−8	−27	−23	−43	−5	−51	−59	+13	+26	0	1.27
21681		04 39 14.95	−30 35 37.0	8.89		H	69.812 309 54	−30.593 622 10		3.44	23.18	20.94	0.73	0.85	1.14	0.85	1.21	−8	+10	−7	+12	−7	+14	−7	+28	−5	−5	0	−0.77
21682		04 39 15.46	+07 01 44.6	9.43		H	69.814 428 44	+07.029 061 53		8.32	22.42	−29.45	1.63	1.25	1.94	2.29	2.22	+26	+33	−25	+18	+47	−18	+13	+68	−32	+70	0	0.39
21683		04 39 16.45	+15 55 04.9	4.67		H	69.818 549 38	+15.918 024 20		20.51	82.40	−19.53	0.80	0.61	0.82	1.10	0.87	+41	+5	−19	−9	−28	+5	−29	−12	+4	+60	0	1.23
21684		04 39 17.49	+11 15 54.8	9.68		G	69.822 870 56	+11.265 213 27		9.56	84.37	−58.80	1.59	0.97	1.73	1.91	1.46	+24	+47	−4	+8	+1	+10	−10	+33	−18	+31	0	1.24
21685		04 39 19.64	−14 21 32.0	5.46		G	69.831 825 32	−14.358 887 29		16.42	121.08	−125.41	0.52	0.45	0.69	0.68	0.62	+19	+26	−14	+31	+23	+0	+20	+49	−20	+6	0	0.94
21686		04 39 19.73	−33 25 48.9	8.11		H	69.832 188 57	−33.430 236 21		5.99	8.26	0.97	0.55	0.66	0.82	0.65	0.83	+2	+13	−19	+10	−5	+25	+2	+1	+4	+29	0	−1.43
21687		04 39 22.69	+19 07 07.0	9.53		H	69.844 557 13	+19.118 623 20		6.74	19.41	−35.07	1.26	0.81	1.43	1.43	0.96	+9	+35	+14	+14	+6	+5	−3	+27	−27	−4	0	0.31
21688		04 39 22.81	−30 27 23.9	8.23	2	H	69.845 054 78	−30.456 635 35		1.84	14.59	7.85	0.64	0.75	1.00	0.71	1.04	−9	+3	−7	+10	−4	+12	−4	+31	−3	−4	0	−2.08
21689		04 39 23.14	+25 13 05.9	6.21		G	69.846 406 16	+25.218 302 70		8.97	16.82	−11.73	0.71	0.51	0.75	0.87	0.63	+39	+25	−7	+19	+15	−12	+10	+50	−12	+47	0	−0.69
21690		04 39 23.79	+40 31 11.0	9.14		H	69.849 131 52	+40.519 717 17		5.90	16.84	−19.14	1.17	0.74	1.36	0.98	0.82	−5	+62	−26	−15	+9	−21	−11	+11	−22	+31	0	−0.52
21691		04 39 25.00	+35 57 15.5	7.97		H	69.854 154 28	+35.954 318 82		5.99	−6.37	−19.44	1.09	0.80	1.26	1.04	0.93	−1	+40	−24	−17	+3	+10	+1	−15	−12	+37	0	1.67
21692		04 39 25.44	−56 53 20.0	8.12		H	69.856 018 85	−56.888 887 87		3.18	2.85	2.19	0.69	0.68	0.72	0.82	0.89	+6	−2	+0	−22	−6	−5	−5	−9	+8	−9	2	0.04
21693		04 39 27.21	−04 55 56.8	9.42		G	69.863 391 09	−04.932 451 84		0.90	5.72	−1.89	1.17	0.78	1.31	1.68	1.14	+5	+22	+1	+11	+10	+5	+11	+39	−9	−8	0	−2.09
*21694		04 39 27.93	−33 59 56.2	7.69		H	69.866 370 71	−33.998 948 64		10.36	22.05	131.68	0.49	0.59	0.71	0.53	0.73	+1	+1	−18	+21	+1	+10	+5	+11	−12	+22	0	−0.98
*21695	H	04 39 27.92	+63 13 14.9	7.72		H	69.866 341 07	+63.220 812 00	A	4.28	−4.76	−1.05	0.69	0.71	1.03	0.72	0.79	−7	−9	−17	−21	+20	−3	+18	+4	+13	+2	0	0.42
21696		04 39 28.31	−00 05 03.5	7.22		G	69.867 956 20	−00.084 316 18		3.62	−4.46	−46.23	0.84	0.57	0.94	1.03	0.79	+10	+21	−5	+32	+4	−6	+0	+42	−10	+19	4	0.06
21697	H	04 39 30.99	+34 07 45.0	9.62		H	69.879 129 56	+34.129 157 70	A	8.90	30.66	−52.21	4.29	3.18	2.96	3.45	2.30	+5	+13	−21	−33	+8	−7	+11	−2	−18	−18	0	0.35
21698	H	04 39 31.59	−45 07 24.4	8.86		G	69.881 623 89	−45.123 443 11	*	22.34	−56.96	−80.61	1.76	2.06	1.07	1.44	1.95	−3	+3	−2	−10	−14	+17	−13	+4	−19	−17	3	0.55
21699	H	04 39 32.28	+28 01 18.0	9.02		H	69.884 511 78	+28.021 673 50	*	1.73	5.82	−11.40	1.12	0.72	1.19	1.45	1.06	+34	+33	−1	−3	+2	−5	−5	+49	−18	+37	2	4.86
21700		04 39 32.99	+43 39 33.1	8.46		H	69.887 464 12	+43.659 203 94		−0.07	−1.99	−3.33	1.17	1.22	1.70	1.47	1.35	+0	+23	−62	−15	−29	+27	−9	−35	+24	+42	0	1.65

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
21601	8.627	0.010	6.791	0.005		1.527	0.009	T	1.57	0.02	L	6.7644	0.0009	0.008	131		6.75	6.78		C			1							S
21602	7.479	0.008	7.167	0.009		0.298	0.013	T	0.34	0.02	L	7.1877	0.0021	0.015	78		7.17	7.21		M			1							S
21603	10.747	0.038	10.442	0.045		0.180	0.020	G	0.20	0.02	H	10.5724	0.0031	0.029	111		10.53	10.63		C			1							G
21604	5.832	0.005	5.855	0.006		−0.019	0.007	T	0.00	0.01	L	5.8562	0.0012	0.020	65		5.84	6.21	2.06	P 1 A			1							S
21605	8.407	0.006	8.550	0.008		−0.145	0.002	G	−0.14	0.00	H	8.5520	0.0017	0.025	261		8.51	8.60		U 2			1							S
21606	10.945	0.047	9.391	0.020		1.304	0.040	T	1.26	0.04	L	9.4457	0.0021	0.022	121		9.41	9.49					1							
21607	9.373	0.014	8.824	0.013	*	0.514	0.017	T	0.59	0.02	L	* 8.8399	0.0022	0.017	140	*	8.81	8.87		D	04383+5347	I 1	2 C	A	AB	199	0.408	0.009	1.97	0.04	
21608	9.151	0.020	8.511	0.018		0.602	0.015	G	0.67	0.01	H	8.5670	0.0025	0.012	53		8.54	8.58		C			1							
21609						0.639	0.018	G	0.70	0.02	H	9.9787	0.0019	0.020	103		9.93	10.02					1							
21610	12.462	0.395	10.136	0.070		1.963	0.331	T	2.14	0.15	K	10.0077	0.0057	0.029	38		9.95	10.05					1							G
21611	7.466	0.006	6.168	0.004		1.080	0.049	G	1.08	0.02	A	6.2132	0.0009	0.006	95		6.20	6.23		C			1							S
21612	9.149	0.020	8.491	0.018		0.689	0.015	G	0.75	0.01	H	8.5371	0.0019	0.021	72		8.49	8.57			04384+3927	I 1	1	S						
21613	9.773	0.023	9.144	0.020		0.580	0.023	T	0.65	0.02	L	9.1968	0.0023	0.021	106		9.16	9.24		C			1							
21614	9.729	0.033	8.149	0.017		1.325	0.029	T	1.29	0.03	L	8.1208	0.0018	0.011	45		8.10	8.14					1							
21615	9.569	0.019	8.845	0.016		0.670	0.020	G	0.73	0.02	H	8.8996	0.0015	0.013	93		8.87	8.92		C			1							
21616	10.302	0.028	9.160	0.018		0.982	0.026	T	0.96	0.02	L	9.2362	0.0021	0.024	133		9.19	9.28					1							
21617	8.872	0.012	8.388	0.012		0.456	0.015	T	0.53	0.02	L	8.4447	0.0011	0.014	104		8.42	8.48		D			1							
21618	7.435	0.007	7.167	0.006		0.255	0.009	T	0.29	0.01	L	7.2055	0.0016	0.014	115		7.19	7.23					1							S
21619	6.921	0.007	6.549	0.009	*	0.344	0.020	G	0.40	0.03	H	* 6.6276	0.0016	0.009	84	*	6.61	6.65		R	04385+2656	I 1	2 C	A	BA	11	4.212	0.003	0.12	0.01	S
21620	10.437	0.036	8.614	0.014		1.517	0.031	T	1.55	0.05	L	8.5920	0.0019	0.012	84		8.57	8.61		C			1							
21621	8.710	0.016	8.476	0.017		0.223	0.022	T	0.25	0.03	L	8.5208	0.0038	0.040	57		8.50	8.62	4.91	P 1 A			1							P
21622	9.973	0.021	9.226	0.018		0.646	0.001	G	0.71	0.00	H	9.3222	0.0023	0.017	113		9.29	9.36		C			1							
21623	9.828	0.026	9.239	0.024		0.550	0.031	T	0.62	0.03	L	9.2914	0.0020	0.015	75		9.26	9.32		C			1							
21624	9.071	0.012	7.788	0.008		1.092	0.011	T	1.05	0.01	L	7.8478	0.0012	0.012	127		7.82	7.87		C			1							S
21625	8.272	0.007	7.705	0.007		0.530	0.009	T	0.60	0.01	L	7.7579	0.0012	0.012	132		7.73	7.78		C			1							S
21626	7.596	0.010	7.627	0.011		−0.010	0.005	G	0.01	0.01	H	7.6426	0.0061	0.032	59		7.59	7.68		U 2 C			1							S P
21627	8.453	0.009	8.332	0.010		0.117	0.013	T	0.13	0.01	L	8.3663	0.0013	0.012	119		8.35	8.38		C			1							
21628	8.136	0.009	7.667	0.013		0.442	0.014	T	0.51	0.01	L	7.7089	0.0023	0.013	52		7.69	7.73					1							S
21629	8.640	0.016	8.348	0.017		0.271	0.015	G	0.31	0.02	H	8.3913	0.0021	0.012	65		8.37	8.41		C			1							S
21630	8.336	0.012	7.939	0.015		0.403	0.007	G	0.47	0.01	H	7.9836	0.0010	0.011	60		7.97	8.01					1							S
21631	9.639	0.018	9.287	0.019		0.334	0.024	T	0.39	0.03	L	9.3176	0.0016	0.016	134		9.29	9.35		C			1							
21632	9.220	0.012	8.548	0.010		0.611	0.012	T	0.68	0.01	L	8.6006	0.0031	0.035	191		8.54	8.65		U 2			1							S
21633	10.264	0.038	8.186	0.014		1.758	0.033	T	2.63	0.04	O	7.9466	0.0044	0.051	63		7.87	8.02	7.69	P 1 A			1	S						P
21634	7.009	0.005	6.799	0.005		0.194	0.007	T	0.21	0.01	L	6.8382	0.0009	0.008	107		6.82	6.86		C			1							S
21635	10.176	0.027	8.309	0.011		1.552	0.023	T	1.57	0.02	L	8.2336	0.0014	0.012	108		8.21	8.26		C			1							
21636	10.405	0.025	8.478	0.010		1.634	0.022	T	2.13	0.06	O	8.3386	0.0032	0.026	139		8.29	8.38		U 2			1							
21637	8.223	0.011	7.570	0.010		0.576	0.009	G	0.65	0.01	H	7.6342	0.0013	0.009	75		7.62	7.65		C			1							S
21638	11.122	0.073	9.284	0.027		1.529	0.062	T	1.57	0.14	L	9.2436	0.0031	0.022	61		9.21	9.28					1	S						
21639	10.551	0.056	10.040	0.059		0.480	0.074	T	0.55	0.08	L	9.9904	0.0027	0.019	59		9.96	10.02		C			1							G
21640	7.245	0.005	7.267	0.010		−0.010	0.001	G	0.01	0.00	H	7.2755	0.0011	0.008	76		7.26	7.29					1							S
21641	10.145	0.029	9.941	0.036		0.195	0.043	T	0.21	0.05	L	9.9922	0.0029	0.027	104		9.94	10.03					1							
21642	8.473	0.017	7.010	0.010		1.233	0.015	T	1.19	0.01	L	7.0566	0.0015	0.008	38		7.04	7.07					1							S
21643	10.077	0.023	8.961	0.015		0.962	0.021	T	0.95	0.02	L	8.9906	0.0017	0.018	108		8.96	9.03		C			1							
21644	5.099	0.002	5.013	0.002	*	0.074	0.003	G	0.13	0.03	C	* 5.0341	0.0008	0.009	158	*	5.02	5.05		U 2	04389−1207	H 1	2 C	A	AB	310	0.243	0.008	2.02	0.05	S
21645	7.423	0.006	7.219	0.007		0.188	0.009	T	0.21	0.01	L	7.2636	0.0010	0.008	102		7.25	7.28		C			1							S
21646	10.377	0.029	9.121	0.018		1.071	0.027	T	1.04	0.02	L	9.1858	0.0017	0.018	114		9.15	9.22		C			1							
21647	10.199	0.034	8.552	0.016		1.378	0.030	T	1.35	0.04	L	8.5465	0.0019	0.016	73		8.52	8.57		C			1							
21648	10.073	0.022	8.519	0.011		1.304	0.019	T	1.26	0.02	L	8.4836	0.0027	0.027	146		8.44	8.53		U 2			1	S						
21649	8.637	0.008	7.422	0.005		1.039	0.007	T	1.01	0.01	L	7.4705	0.0010	0.013	211		7.45	7.49					1							S
21650	9.325	0.033	9.099	0.038		−0.020	0.040	G	0.37	0.10	L	9.1228	0.0020	0.013	51		9.10	9.15		C			1							
21651	9.824	0.021	8.600	0.013		1.046	0.019	T	1.02	0.02	L	8.6394	0.0016	0.018	119		8.60	8.68		C	04389−3720	I 1	1							
21652	10.264	0.024	8.925	0.014		1.136	0.022	T	1.10	0.02	L	8.9800	0.0020	0.021	138		8.94	9.03					1							
21653	8.370	0.008	7.972	0.008		0.349	0.002	G	0.41	0.00	H	8.0368	0.0011	0.012	166		8.02	8.06					1							S
21654	8.734	0.018	8.010	0.015		0.655	0.009	G	0.72	0.01	H	8.0886	0.0024	0.011	47		8.07	8.11					1							S
21655	9.331	0.014	8.138	0.009		1.022	0.013	T	1.00	0.01	L	8.1963	0.0013	0.014	150		8.17	8.22		C			1							
21656	10.451	0.039	9.902	0.038		0.514	0.049	T	0.59	0.05	L	9.9743	0.0025	0.020	69		9.95	10.02		C			1							G
21657	8.034	0.012	7.756	0.016		0.264	0.019	T	0.30	0.02	L	7.8058	0.0021	0.014	49		7.79	7.84		C			1							S
21658	10.365	0.034	9.153	0.020		1.036	0.031	T	1.01	0.03	L	9.2170	0.0033	0.025	78		9.17	9.25					1							
21659						0.798	0.015	G	0.83	0.01	H	* 11.5133	0.0058	0.041	49	*	11.44	11.58		D	04390+4834	M 1	2 C	B	AB	291	4.816	0.036	0.41	0.12	G
21660	9.942	0.022	9.386	0.021		0.521	0.027	T	0.59	0.03	L	9.4683	0.0024	0.022	99		9.44	9.51					1							
21661	10.182	0.055	9.593	0.049		0.580	0.015	G	0.65	0.01	H	9.7102	0.0035	0.021	45		9.66	9.77		U			1							G
21662	9.472	0.015	8.224	0.009		1.064	0.014	T	1.03	0.01	L	8.2810	0.0016	0.016	159		8.25	8.32		C			1							
21663	10.170	0.032	9.645	0.032	A	0.500	0.495	G	0.64	0.07	L	* 9.5618	0.0029	0.018	61	*	9.54	9.59		D	04391+1024	I 1	2 C	A	AB	291	2.777	0.013	1.64	0.06	
21664	7.859	0.007	7.794	0.008		0.065	0.010	T	0.07	0.01	L	7.8136	0.0012	0.015	179		7.79	7.84					1							S
21665	9.609	0.018	9.203	0.018		0.397	0.021	T	0.46	0.02	L	9.2206	0.0024	0.018	106		9.20	9.26		C			1							S
21666	8.170	0.010	6.593	0.005		1.321	0.001	G	1.28	0.04	E	6.6022	0.0008	0.008	118		6.59	6.62		C			1							S
21667	8.902	0.027	8.710	0.031		0.184	0.039	T	0.20	0.04	L	8.7798	0.0022	0.012	44		8.76	8.80		C			1							
21668	10.185	0.025	9.432	0.020		0.661	0.015	G	0.72	0.01	H	9.4572	0.0019	0.020	143		9.42	9.51		C			1							
21669	9.897	0.025	8.096	0.011		1.499	0.022	T	1.53	0.03	L	8.0877	0.0013	0.012	77		8.07	8.11		C			1							
21670	5.696	0.003	5.401	0.004		0.257	0.009	G	0.27	0.03	C	5.4475	0.0006	0.004	62		5.44	5.46		C	04390+0753	I 1	1							S
21671	11.528	0.122	10.198	0.059		1.900	0.020	G	1.97	0.14	K	10.2705	0.0056	0.033	48		10.22	10.33		C			1							G
21672	7.702	0.008	7.247	0.007		0.429	0.010	T	0.50	0.01	L	7.3002	0.0013	0.008	60		7.29	7.31		C			1							S
21673	5.256	0.003	5.101	0.004		0.141	0.005	G	0.16	0.01	H	5.1269	0.0007	0.004	60		5.12	5.13		C	04392+1552	I 2	1 G							S
21674	9.733	0.022	8.439	0.013		1.100	0.020	T	1.06	0.02	L	8.4914	0.0017	0.011	74		8.47	8.51		C			1							S
21675	9.496	0.014	8.000	0.008		1.259	0.013	T	1.22	0.01	L	8.0115	0.0012	0.015	155		7.99	8.04		C			1							
21676	10.902	0.066	10.186	0.053		0.658	0.068	T	0.72	0.06	L	10.3514	0.0039	0.025	58		10.31	10.39		C			1							G
21677	8.757	0.013	8.606	0.016		0.306	0.015	G	0.35	0.02	H	8.6152	0.0018	0.011	75		8.59	8.64		C			1							
21678	9.925	0.020	8.652	0.012		1.084	0.018	T	1.05	0.01	L	8.6935	0.0021	0.018	110		8.66	8.73		C			1							
21679	8.425	0.014	7.964	0.019		0.453	0.015	G	0.52	0.02	H	8.0229	0.0012	0.012	62		8.00	8.05		C			1							S
21680	10.581	0.053	9.575	0.035		0.867	0.050	T	0.88	0.04	L	9.6858	0.0061	0.031	56		9.64	9.73					1	S						G
21681	10.127	0.024	8.997	0.015		1.005	0.003	G	0.98	0.00	H	9.0529	0.0017	0.025	144		9.01	9.10					1							
21682	10.213	0.041	9.543	0.037		0.620	0.046	T	0.69	0.04	L	9.5586	0.0022	0.020	66		9.53	9.60		C			1							
21683	4.876	0.004	4.692	0.004		0.147	0.008	G	0.19	0.03	C	4.7248	0.0007	0.005	47		4.72	4.73		C	04392+1552	I 2	1							S
21684	10.599	0.053	9.704	0.039		0.720	0.015	G	0.77	0.01	H	9.8102	0.0024	0.019	59		9.78	9.84					1							
21685	6.802	0.004	5.577	0.003		1.054	0.004	G	1.06	0.04	E	5.6183	0.0006	0.006	121		5.60	5.63					1							S
21686	8.691	0.011	8.155	0.010		0.503	0.013	T	0.58	0.01	L	8.2173	0.0017	0.016	133		8.19	8.24					1							S
21687	10.176	0.039	9.603	0.037		0.536	0.048	T	0.61	0.05	L	9.6439	0.0027	0.016	58		9.62	9.67		C			1							
21688	10.213	0.024	8.477	0.011		1.476	0.022	T	2.66	0.04	O	8.2251	0.0098	0.078	136		8.10	8.34		U 2			1	S						P
21689	6.419	0.005	6.227	0.005		0.176	0.007	G	0.28	0.03	C	6.2590	0.0008	0.006	80		6.25	6.27		C			1							S
21690	9.468	0.021	9.196	0.024		0.259	0.030	T	0.29	0.04	L	9.2094	0.0033	0.019	62		9.18	9.24					1							
21691	8.211	0.013	7.995	0.014		0.206	0.018	T	0.23	0.02	L	8.0329	0.0018	0.011	53		8.02	8.06		C			1							S
21692	10.054	0.024	8.274	0.011		1.483	0.021	T	1.50	0.03	L	8.2465	0.0016	0.017	114		8.22	8.28					1							S
21693	9.567	0.026	9.395	0.031		0.090	0.020	G	0.10	0.02	H	9.4512	0.0014	0.018	67		9.42	9.47		C			1							
21694	8.858	0.011	7.788	0.008		0.927	0.010	T	0.92	0.01	L	7.8528	0.0011	0.012	145		7.83	7.88					1							S
21695	7.908	0.007	7.746	0.009	A	0.000	0.495	G	0.13	0.01	L	* 7.7681	0.0010	0.012	145	*	7.75	7.79		D	04395+6313	I 1	2 C	A	AB	204	3.731	0.023	3.56	0.08	S
21696	8.950	0.016	7.368	0.008		1.332	0.015	G	1.30	0.02	H	7.3782	0.0012	0.012	76		7.35	7.40					1							S
21697	10.632	0.060	9.734	0.045	*	0.798	0.056	T	0.83	0.04	L	* 9.7805	0.0080	0.048	43	*	9.72	9.86		R	04395+3408	I 1	2 C	A	AB	297	0.402	0.014	1.28	0.08	G
21698	10.016	0.022	9.009	0.016	*	0.910	0.015	G	0.95	0.02	I	* 9.0180	0.0020	0.018	123	*	8.99	9.05		D	04395−4507	I 1	2 C	A	AB	267	0.259	0.007	0.79	0.13	
21699	11.551	0.097	9.240	0.020	*	0.600	0.495	G	1.77	0.12	S	* 9.1165	0.0031	0.024	110	*	9.07	9.15		R	04395+2801	H 1	2 C S	A	AB	169	0.141	0.010	1.03	0.41	
21700	8.738	0.017	8.487	0.018		0.235	0.025	T	0.26	0.03	L	8.5308	0.0030	0.014	42		8.50	8.56					1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ α* (19)	π α* (20)	π δ (21)	$\mu_{\alpha*}$ α* (22)	$\mu_{\alpha*}$ δ (23)	$\mu_{\alpha*}$ π (24)	μ_δ α* (25)	μ_δ δ (26)	μ_δ π (27)	μ_δ $\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
21701		04 39 33.87	+45 37 13.5	9.52		H	69.891 105 83	+45.620 429 81		5.94	31.27	2.37	1.17	1.03	1.49	1.20	1.04	−18	+42	−47	−12	+28	−19	+11	+16	−19	+10	0	−0.22
21702		04 39 34.95	−21 14 23.1	9.04		H	69.895 620 39	−21.239 761 28		11.04	13.01	22.20	1.02	1.03	1.49	1.26	1.30	−13	+18	−9	−2	+3	+20	+1	−1	−22	−24	0	1.07
21703		04 39 36.36	+13 07 24.4	8.93		G	69.901 513 04	+13.123 441 66		17.64	236.38	−141.18	1.14	0.76	1.15	1.59	1.14	+2	+25	−10	−9	+23	+11	+23	+27	−13	−5	0	0.83
21704	H	04 39 37.02	−21 14 51.4	7.18		H	69.904 242 64	−21.247 599 19	A	11.68	12.96	21.67	0.86	0.87	1.13	0.95	0.95	−21	+17	−17	+1	−5	+20	−4	−8	−14	−32	1	0.02
21705		04 39 37.19	−14 35 44.6	7.96		H	69.904 940 61	−14.595 710 52		13.26	64.62	58.15	0.72	0.61	1.00	0.91	0.79	+14	+19	−22	+15	+11	+3	+11	+41	−26	−2	0	−2.05
21706		04 39 38.66	+21 31 03.2	8.09		H	69.911 075 21	+21.517 564 29		7.28	−8.17	−33.08	1.06	0.65	1.17	1.40	0.87	+27	+33	−8	−12	−23	−24	−31	+8	−22	+40	0	0.66
21707		04 39 38.76	+28 47 01.8	8.70		H	69.911 505 87	+28.783 845 70		6.22	5.49	9.43	1.34	0.81	1.45	1.56	1.14	+36	+44	−6	+7	+9	+1	+2	+63	−28	+30	0	0.30
21708		04 39 39.11	+69 05 37.8	7.93	2	H	69.912 937 77	+69.093 844 04		1.44	2.61	−24.40	0.48	0.69	0.93	0.56	0.83	−8	+20	−8	+12	+7	+12	+10	−13	+18	−10	0	0.84
21709		04 39 42.17	−11 26 46.3	9.72		G	69.925 714 42	−11.446 207 59		0.04	4.74	−3.97	1.03	0.88	1.38	1.79	1.27	−4	+1	−20	−5	+8	+3	+14	+34	−22	−27	3	2.09
21710	H	04 39 42.62	+09 52 22.7	9.19		H	69.927 570 18	+09.872 980 87	A	35.21	−11.41	−373.65	1.89	1.24	1.81	2.10	1.67	+17	+38	+2	−6	−2	+10	−6	+15	+5	+37	0	1.00
21711		04 39 42.80	−45 02 44.0	8.44		H	69.928 336 91	−45.045 566 60		9.26	41.51	49.89	0.69	0.66	0.79	0.79	0.72	−13	+16	−12	+11	−20	+20	−19	+10	−19	−18	0	−0.11
21712		04 39 43.24	+51 12 29.8	8.83		G	69.930 153 29	+51.208 264 36		9.86	48.01	−35.42	0.91	0.73	1.44	1.13	0.91	+10	+16	−34	+4	−20	+23	−25	+46	−39	+22	0	1.52
21713		04 39 43.37	−65 39 58.7	8.22		H	69.930 688 65	−65.666 308 73		1.93	28.54	34.84	0.67	0.71	0.72	0.78	0.92	+1	+7	+4	+4	+4	+17	+4	+26	+3	+1	2	1.70
21714		04 39 43.76	−03 22 53.9	9.15		H	69.932 347 04	−03.381 641 82		2.06	−2.34	2.28	1.16	0.73	1.44	1.04	0.91	+12	+54	−5	+35	+22	−9	+15	+63	−8	+21	0	−0.92
21715		04 39 43.91	−16 57 47.1	7.52	2	H	69.932 952 70	−16.963 091 14		1.94	−0.75	7.00	0.65	0.55	1.03	1.10	0.86	−23	+21	−15	+4	−27	+37	−17	+32	−40	−63	1	0.96
21716		04 39 44.42	−43 23 01.4	8.90		G	69.935 099 00	−43.383 716 32		7.97	12.20	34.28	0.74	0.75	0.85	0.88	0.92	−6	+17	−7	−9	−7	+1	−8	+20	−9	−5	0	0.26
21717		04 39 47.15	−35 09 59.7	8.75		H	69.946 443 11	−35.166 594 90		7.02	15.35	16.52	0.64	0.79	0.94	0.76	1.04	−5	+2	−9	+11	−2	+0	−2	+10	−14	+3	0	−0.63
21718		04 39 47.21	−01 03 08.8	6.11		H	69.946 702 63	−01.052 437 71		5.64	22.83	−8.78	0.89	0.53	0.89	1.01	0.65	−24	+32	−25	+56	−11	+6	−18	+63	−27	−19	2	0.79
21719		04 39 47.22	−10 41 42.7	8.49		H	69.946 748 55	−10.695 182 02		7.59	−20.56	19.30	0.90	0.85	1.13	1.18	1.08	+48	−8	−24	+53	+49	−31	+48	+70	−32	+39	3	0.44
21720		04 39 47.43	+66 52 05.1	8.93		H	69.947 612 15	+66.868 079 00		1.15	3.12	−23.38	0.63	0.80	1.14	0.72	0.95	−1	−3	+9	−9	+5	+15	+3	+1	+2	+1	0	1.38
21721		04 39 48.55	−78 48 25.0	9.32		H	69.952 298 82	−78.806 952 23		7.79	−24.06	−36.89	0.81	0.97	0.94	0.86	1.36	−3	+31	−10	−20	+0	+1	−2	−28	−2	−11	0	1.23
21722		04 39 49.07	−20 04 00.2	10.33		G	69.954 449 57	−20.066 730 23		1.53	−4.34	−28.24	1.21	1.15	1.71	1.58	1.51	−25	+16	−7	+42	−30	−14	−33	+28	+14	−47	0	−0.80
21723		04 39 50.91	+12 43 42.7	10.04		G	69.962 129 62	+12.728 517 30		23.95	102.00	−17.70	1.55	1.09	1.63	2.24	1.63	+19	+20	+11	+5	+10	+19	+14	+33	+0	+2	0	0.30
21724		04 39 51.37	−35 38 38.4	8.45		H	69.964 046 35	−35.644 006 87		14.52	−6.89	39.17	0.62	0.75	0.90	0.71	0.97	+0	+8	−19	−10	−5	+7	−7	−1	−1	+30	0	−0.17
21725		04 39 52.19	+17 29 21.4	7.91		G	69.967 445 27	+17.489 286 80		3.17	−6.78	−8.85	1.15	0.73	1.09	1.40	0.99	+42	+24	−5	−46	−32	+0	−35	−29	−12	+52	0	−1.00
21726		04 39 53.83	+32 01 25.6	9.37		H	69.974 311 18	+32.023 777 10		2.52	10.32	−19.13	1.31	0.91	1.51	1.26	1.05	+14	+53	−27	+8	+22	−6	+9	+34	−12	+51	0	0.97
21727		04 39 54.69	+53 04 46.5	5.07	1	H	69.977 863 13	+53.079 574 06		6.58	−7.38	−15.95	0.67	0.55	0.78	0.86	0.72	−7	+11	−18	+45	−19	−1	−22	+54	−26	+4	0	1.07
21728		04 39 56.81	+69 07 31.6	8.05	1	H	69.986 709 06	+69.125 455 67		2.55	−3.93	1.62	0.44	0.64	0.84	0.50	0.74	−6	+19	−6	+18	+6	+11	+9	−11	+17	−8	0	0.44
21729		04 39 57.08	+52 49 10.4	7.90		H	69.987 835 68	+52.819 563 09		−0.39	−4.57	−2.98	0.90	0.73	1.18	1.32	1.00	−7	+5	−17	+25	−35	+19	−34	+47	−20	+5	0	−0.58
21730	H	04 39 58.03	+53 28 23.7	5.36		G	69.991 806 73	+53.473 236 47	*	11.76	35.88	−88.79	1.20	4.38	0.86	1.03	1.64	−2	+16	−4	+24	−69	+5	−8	+94	−12	−68	2	−1.79
21731		04 39 58.13	−71 30 19.9	7.76		H	69.992 194 51	−71.505 529 59		26.42	−71.59	−34.52	0.65	0.60	0.66	0.69	0.74	+5	+16	+15	−24	+10	+8	+7	−7	−9	+12	0	−0.97
21732		04 39 59.91	+07 16 16.5	8.26		H	69.999 607 91	+07.271 245 14		2.14	17.23	2.27	1.13	0.93	1.30	1.52	1.44	+41	+13	−21	+32	+44	−19	+28	+66	−40	+59	0	0.14
21733	H	04 40 01.28	−31 04 32.6	11.04	2	H	70.005 335 88	−31.075 718 86	*	33.44	15.04	156.00	1.29	1.45	1.99	1.62	2.12	−5	+5	−11	+6	+0	−9	−2	−1	−20	−3	3	7.29
21734		04 40 01.70	+54 23 56.4	9.85		H	70.007 066 51	+54.399 008 15		3.04	1.57	−9.51	1.11	0.79	1.35	1.39	1.02	−26	+7	−9	+40	−26	−15	−30	+56	−17	−16	0	1.99
21735		04 40 03.42	+12 11 51.5	5.45		H	70.014 242 81	+12.197 640 88		9.46	−1.29	−12.98	0.76	0.54	0.78	1.08	0.82	+20	+24	+3	+11	+17	+14	+18	+36	−5	+8	0	0.23
21736		04 40 03.89	−22 36 51.0	8.72		H	70.016 203 65	−22.614 173 20		4.37	6.35	6.21	0.78	0.76	1.18	0.71	0.77	+13	+6	−24	−55	−17	−2	−11	−15	−1	−7	0	1.51
21737		04 40 04.59	+52 29 10.4	7.98		H	70.019 105 73	+52.486 212 89		2.80	−2.45	−1.65	0.71	0.58	1.04	0.96	0.80	+29	+6	−19	+13	−2	+13	−8	+43	−31	+45	0	−0.18
21738		04 40 05.12	+39 47 18.6	7.20		H	70.021 351 36	+39.788 513 45		5.03	31.78	−25.70	0.83	0.61	1.04	0.73	0.65	+5	+54	−36	−12	+23	−31	−9	+25	−35	+54	0	1.10
21739		04 40 05.58	+00 33 02.5	8.57		G	70.023 263 32	+00.550 706 32		4.72	−6.48	−15.86	1.02	0.69	1.14	1.32	1.05	+18	−4	−17	+19	+3	−6	−1	+27	−13	+33	0	2.00
21740		04 40 05.72	+04 10 34.7	10.46		H	70.023 841 77	+04.176 316 11		−0.34	6.04	−8.31	1.92	1.22	2.19	2.31	1.95	+22	+49	−12	+9	+19	−23	−4	+46	−24	+52	0	−0.11
21741		04 40 05.80	+23 18 16.7	9.40		G	70.024 146 91	+23.304 639 86		15.96	74.68	−38.05	1.22	0.79	1.36	1.44	0.98	+18	+31	−20	+0	−16	+17	−15	+12	−2	+36	0	1.25
21742		04 40 06.79	+33 08 03.2	8.63		G	70.028 292 36	+33.134 219 52		6.00	−30.93	−47.88	1.19	0.86	1.27	1.36	1.09	−1	+33	−21	+23	−3	+2	−4	+27	+4	+37	0	−1.15
21743		04 40 06.85	−24 28 56.7	5.56		H	70.028 525 95	−24.482 411 31		10.34	−69.92	17.70	0.30	0.45	0.69	0.38	0.53	−7	+9	−29	+1	−6	+0	−6	−10	−3	−8	0	−0.27
21744		04 40 07.48	+03 19 11.7	9.70		H	70.031 171 83	+03.319 922 49	A	3.14	26.89	−5.12	5.04	2.81	3.83	6.40	3.79	−3	+21	−13	+24	−12	−2	−18	+29	−23	+6	17	0.75
21745		04 40 07.82	+03 19 21.8	10.32		H	70.032 572 15	+03.322 721 98	B	−5.61	−9.38	2.11	11.07	6.28	7.21	13.66	6.87	+9	+25	−9	+14	−8	+0	−16	+19	−19	+10	17	0.75
21746		04 40 07.91	−35 01 07.5	8.08		H	70.032 956 18	−35.018 743 61		3.05	−8.32	−35.35	0.58	0.65	0.81	0.70	0.83	−8	−9	−16	+15	+0	+3	+3	−5	−11	−1	0	0.03
21747		04 40 09.24	−00 26 20.8	8.96		H	70.038 498 88	−00.439 115 60		4.91	30.02	−11.78	0.97	0.73	1.11	1.24	0.92	+13	+17	−6	+35	+12	+1	+10	+47	−12	+9	0	1.83
21748		04 40 09.62	+20 32 53.8	9.14		H	70.040 070 22	+20.548 278 65		3.45	−0.45	−10.33	1.29	0.76	1.42	1.12	0.89	+9	+60	−10	−6	+8	−6	−6	+21	−14	+38	0	3.98
21749		04 40 11.06	+40 47 20.6	6.58		H	70.046 095 38	+40.789 063 85		14.61	−66.81	−22.13	0.84	0.56	1.00	0.67	0.61	−1	+62	−26	−17	+18	−18	−8	+10	−27	+47	0	1.44
21750		04 40 12.15	+67 35 20.8	10.81		H	70.050 642 30	+67.589 109 34		22.71	221.67	−283.78	1.15	1.43	2.12	1.34	1.70	−13	+13	−5	−25	+0	+9	−4	−11	−5	+12	0	2.86
21751		04 40 12.71	+16 23 55.2	9.70		H	70.052 976 81	+16.398 658 81		9.39	−9.63	−3.80	1.71	1.13	1.84	2.70	1.72	+22	+10	−13	−22	−13	+23	−10	−11	+2	+21	0	0.77
21752		04 40 13.67	−13 00 55.3	8.23		H	70.056 969 48	−13.015 353 47		5.24	14.02	6.52	0.68	0.58	0.97	1.04	0.89	+38	−13	−18	+29	+12	−6	+19	+44	−27	+5	0	−0.88
21753		04 40 14.20	−38 48 25.2	7.43		H	70.059 187 17	−38.807 010 54		4.22	−14.49	−6.61	0.55	0.60	0.69	0.57	0.67	−12	+19	−9	+1	−15	+3	−16	−8	−1	−22	1	1.29
21754		04 40 14.73	+51 06 25.8	8.30		H	70.061 384 77	+51.107 176 36		4.21	−0.93	−11.91	0.86	0.71	1.32	1.17	0.86	+24	+11	−27	−1	−22	+33	−21	+38	−22	+33	0	2.22
21755		04 40 15.20	−27 44 06.0	8.89		H	70.063 319 14	−27.735 003 19		4.79	−0.56	−28.03	0.67	0.79	1.12	0.79	0.90	+2	+17	−3	−25	−7	+1	−4	+0	−6	−10	0	−0.65
21756	H	04 40 17.72	−58 56 39.6	6.53		G	70.073 836 79	−58.944 334 45	A	32.30	30.97	174.81	1.14	1.09	0.98	1.03	1.03	+3	+19	−14	+18	−6	+2	−14	−20	+11	−21	5	1.58
21757		04 40 18.39	−46 17 35.6	8.67		H	70.076 622 95	−46.293 210 44		11.79	0.01	−24.91	0.74	0.71	0.83	0.83	0.82	+4	+4	+11	+9	−3	+11	−4	+9	−8	+4	0	−3.27
*21758		04 40 21.04	+64 33 25.8	7.04		H	70.087 675 90	+64.557 180 41		6.17	−0.43	−10.02	0.51	0.56	0.79	0.62	0.66	+15	+2	−11	+6	+39	−21	+34	+30	−12	+30	1	−1.98
*21759		04 40 21.02	+25 03 08.0	9.69		H	70.087 573 76	+25.052 229 41		4.60	−5.98	−31.19	1.27	0.80	1.36	1.69	1.08	+34	+16	−12	−12	−15	−3	−21	+23	−16	+45	0	1.41
21760		04 40 22.65	+29 58 20.4	6.80		G	70.094 372 07	+29.972 320 07		13.17	50.42	−38.69	0.89	0.72	0.94	1.04	0.82	+41	+26	−9	+11	+25	+12	+27	+48	+2	+44	0	−0.22
21761		04 40 24.88	+09 30 14.5	10.11		H	70.103 669 21	+09.504 037 07		5.98	8.30	0.54	1.55	1.07	1.64	2.10	1.70	+21	+20	−7	+15	+0	+1	−5	+33	−1	+36	0	0.11
21762	H	04 40 25.41	+16 30 49.4	9.47		G	70.105 891 16	+16.513 734 14	A	23.65	91.94	−30.69	2.88	2.25	2.53	3.83	2.44	+14	+24	+12	−50	−6	+27	−14	−38	−14	+13	1	0.20
21763		04 40 26.49	−19 40 16.5	4.32	2	H	70.110 391 35	−19.671 256 86		9.03	28.21	−97.09	0.53	0.45	0.69	0.61	0.57	−22	+18	−14	+36	−24	−1	−28	+14	−2	−31	0	1.07
21764		04 40 27.37	+76 34 01.8	7.66		H	70.114 026 95	+76.567 162 49		10.51	−35.64	49.17	0.49	0.59	0.73	0.55	0.66	−3	+7	+10	−13	+4	+8	+4	−6	+10	+3	1	1.56
21765		04 40 29.33	−09 11 45.0	10.27		G	70.122 191 50	−09.195 833 88		49.58	−111.55	−112.43	3.65	3.63	4.13	7.32	7.09	+31	−10	+33	−73	−5	+31	−12	−70	−38	+21	0	1.38
21766		04 40 30.09	−38 14 06.9	11.01	3	H	70.125 374 54	−38.235 250 19	*	−1.83	−3.61	−5.08	1.07	1.27	1.46	1.14	1.72	−21	+0	−3	−8	−7	+19	−6	−2	+16	+12	5	2.38
21767		04 40 30.19	+35 12 56.6	10.40		H	70.125 794 77	+35.215 724 29		14.69	53.28	−21.22	1.77	1.31	2.05	1.78	1.57	+6	+27	−2	−4	+25	+3	+16	+2	−32	+13	0	−2.34
21768		04 40 32.64	+24 26 31.4	10.42	2	H	70.135 991 60	+24.442 069 02		2.53	0.30	−14.30	1.95	1.12	1.82	2.52	1.46	+49	+24	−6	−46	−42	−1	−44	−15	−15	+54	0	2.02
21769		04 40 33.59	−70 51 24.3	9.88		H	70.139 962 63	−70.856 757 82		0.96	9.11	9.26	1.15	0.94	1.04	1.22	1.14	−12	+14	+4	−48	+20	+6	+16	−16	−21	−8	0	−0.67
21770		04 40 33.82	−41 51 48.9	4.44	1	G	70.140 929 57	−41.863 570 34		49.67	−141.18	−74.95	0.45	0.45	0.53	0.49	0.53	−6	+3	−2	−10	+9	+4	+9	+3	−16	−2	0	0.34
21771		04 40 34.22	−48 32 17.9	6.90		H	70.142 572 90	−48.538 299 08		6.43	5.81	25.01	0.50	0.48	0.54	0.54	0.55	−7	+5	−6	+14	−9	+1	−10	+11	−7	−5	0	−0.13
21772		04 40 34.53	−63 00 14.9	9.40		H	70.143 892 72	−63.004 151 40		2.32	15.15	23.93	0.80	0.89	0.92	0.72	1.01	−2	+28	−21	−31	+12	−12	+13	−15	+9	+20	3	0.09
21773		04 40 34.58	−26 04 41.5	8.99		H	70.144 096 57	−26.078 204 43		1.89	0.15	−8.43	0.66	0.87	1.29	0.85	1.00	−6	+8	−28	−15	−1	+8	+1	−4	−9	−1	0	0.09
21774		04 40 36.15	+44 05 49.5	7.47		H	70.150 633 07	+44.097 090 49		2.69	5.09	−10.80	0.84	0.82	1.01	1.07	0.95	+30	+2	−43	−20	−27	+16	−20	−30	+26	+48	0	1.25
21775		04 40 37.83	−25 46 19.2	8.48		H	70.157 641 54	−25.771 990 46		8.31	33.04	55.03	0.63	0.85	1.10	1.10	1.23	+0	+23	−26	−42	−6	−5	−3	−42	−0	+10	0	0.65
21776		04 40 39.33	+08 40 45.4	12.60		G	70.163 882 65	+08.679 285 67		6.00	−9.66	−8.52	5.90	3.13	6.72	7.35	5.27	+28	+58	+6	+4	+0	+28	−12	+24	−12	+34	0	0.07
21777	H	04 40 41.04	−01 12 01.2	8.55		G	70.170 984 90	−01.200 327 49	A	7.17	−14.51	−22.17	3.31	1.68	2.64	3.50	1.82	−11	+37	−12	+49	−18	+17	−27	+45	−35	−49	1	0.13
21778		04 40 42.44	−28 12 02.0	7.74		G	70.176 845 45	−28.200 551 60		24.60	−15.88	−282.52	0.51	0.60	0.84	0.63	0.73	−16	+30	−22	−19	+3	−1	+0	+0	−8	−11	1	0.73
21779		04 40 44.40	+52 37 00.3	9.12		H	70.184 982 76	+52.616 739 12		−0.24	−3.40	−1.03	0.96	0.79	1.47	1.42	1.21	−3	+16	−15	+28	−1	+7	−15	+55	−32	+30	0	0.48
21780		04 40 44.51	+36 51 00.6	8.42		H	70.185 470 56	+36.850 170 75		3.50	10.85	−27.49	1.21	0.88	1.39	1.47	0.99	+14	+21	−35	−13	−29	+22	−22	−15	+6	+42	0	1.38
21781		04 40 45.25	−23 03 08.1	8.78		H	70.188 541 33	−23.052 255 08		0.29	37.23	2.48	0.80	0.88	1.26	0.74	0.98	+9	+13	−5	−53	−9	−12	−5	−21	−7	−10	0	−0.28
21782		04 40 46.15	+05 20 23.8	8.76		H	70.192 283 85	+05.339 935 57		3.48	−6.29	−9.39	1.23	0.95	1.29	1.74	1.48	+47	+26	−6	+35	+41	−18	+31	+63	−20	+60	0	0.29
21783		04 40 46.78	+30 17 30.0	8.04		G	70.194 918 13	+30.291 656 47		16.13	32.59	−55.05	1.13	0.88	1.26	1.49	1.01	+28	+13	−22	+16	+14	+10	+17	+43	+8	+35	0	−0.58
21784		04 40 48.48	−39 50 38.4	9.06		G	70.202 011 77	−39.844 007 38		4.09	24.17	41.96	0.78	0.88	0.99	0.77	0.95	−13	−3	−2	−18	+2	+4	+1	−3	+3	−7	0	2.32
21785		04 40 48.60	−39 51 11.1	8.32		G	70.202 498 12	−39.853 076 47		5.06	26.42	45.10	0.62	0.70	0.79	0.68	0.79	−9	+0	−5	−7	−5	+14	−4	+7	+4	−13	0	1.60
21786		04 40 48.62	−45 47 35.0	7.50		H	70.202 592 49	−45.793 050 49		5.67	−18.68	3.70	0.53	0.52	0.61	0.59	0.61	−5	+8	−1	+1	−6	+11	−8	+10	−18	−1	0	0.00
21787	H	04 40 48.74	−56 01 51.4	7.75		H	70.203 097 96	−56.030 942 39	A	8.59	29.33	43.22	0.94	0.91	0.90	0.98	1.01	+2	−10	−1	−25	−6	+23	−6	−13	−1	−1	2	0.54
21788		04 40 49.03	+23 48 35.1	8.84		H	70.204 283 99	+23.809 742 03		19.48	63.12	−48.26	1.14	0.72	1.26	1.50	0.91	+18	+26	−15	−2	−12	+11	−12	+28	−7	+26	4	0.61
21789	H	04 40 49.19	−62 48 03.3	8.44		H	70.204 955 42	−62.800 907 31	A	7.54	25.77	22.10	1.19	1.20	1.14	1.04	1.24	+1	+13	−26	−24	+23	−24	+13	+4	−3	+34	1	0.37
21790		04 40 49.53	+57 52 46.7	7.26		H	70.206 391 37	+57.879 640 58		3.22	6.31	−9.32	0.61	0.54	0.92	0.68	0.65	−8	+29	−26	+25	+9	+6	−3	+57	−27	+15	0	1.71
21791		04 40 51.90	−10 04 07.1	9.26		H	70.216 237 98	−10.068 633 05		3.92	17.89	−1.91	0.87	0.89	1.22	1.17	1.19	+49	−3	−18	+31	+45	−16	+45	+59	−32	+42	2	1.23
21792		04 40 52.09	+07 56 32.2	9.92		H	70.217 038 55	+07.942 275 15		3.87	37.01	−8.84	4.33	3.13	5.16	6.20	5.08	+38	+17	−18	+5	+28	−13	+14	+45	−43	+48	0	
21793		04 40 54.52	−33 03 55.7	9.26		H	70.227 153 45	−33.065 477 88		0.52	18.66	−0.41	0.77	0.95	1.16	0.93	1.17	−8	+9	−23	+17	−8	+21	−4	+11	−9	+6	2	−0.98
21794	H	04 40 56.10	−42 30 03.6	8.80		H	70.233 770 66	−42.500 989 37	*	5.38	2.40	13.96	0.70	0.79	0.91	0.82	0.91	−11	+27	−5	+14	+3	+28	+2	+7	−11	−12	0	0.96
21795	H	04 40 56.21	+00 57 46.0	7.67		G	70.234 211 96	+00.962 790 05	A	2.59	−0.33	−0.72	1.39	0.88	1.42	1.45	1.09	+14	+40	−13	+15	−10	+12	−19	+18	−22	+20	1	0.00
21796		04 40 57.11	−01 57 00.1	8.14		H	70.237 940 69	−01.950 032 76		−0.14	−8.19	−10.76	1.37	0.66	1.54	2.29	1.16	−29	+40	−12	+48	−13	+42	−27	+46	−52	−69	0	2.01
21797		04 40 57.66	+02 30 20.4	8.08		G	70.240 235 86	+02.505 668 24		4.40	−7.59	−9.73	0.89	0.60	0.96	1.13	0.85	+11	+11	+3	+23	−1	−9	−3	+35	−1	+21	5	1.48
21798		04 40 58.56	−29 22 59.9	9.09		H	70.243 987 19	−29.383 312 89		7.83	42.50	3.61	0.66	0.88	1.14	0.74	1.13	+2	−5	−9	+3	+2	+23	+4	+12	−7	+9	1	2.84
21799		04 41 00.45	−32 13 35.7	8.64		H	70.251 881 00	−32.226 583 13		3.85	28.81	18.48	0.62	0.77	0.99	0.71	0.89	−8	+11	−17	+15	−16	+25	−12	+2	+2	−6	2	1.01
21800	H	04 41 00.54	+48 40 05.7	9.15		H	70.252 235 62	+48.668 252 06	A	4.39	16.40	−19.19	2.04	1.60	2.00	2.24	2.04	+10	+19	−14	+4	+13	+4	+9	+17	−15	+51	4	0.43

25068	58643

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
21701	10.367	0.050	9.694	0.045		0.612	0.051	T	0.68	0.04	L	9.6512	0.0020	0.016	56		9.62	9.67		C			1							G
21702	9.731	0.020	9.037	0.018		0.640	0.022	T	0.70	0.02	L	9.1705	0.0036	0.025	123		9.12	9.22			04396−2115	I 2	1							
21703	9.889	0.030	8.988	0.023		0.830	0.015	G	0.87	0.01	H	9.0902	0.0013	0.011	60		9.07	9.11		D			1							
21704	8.390	0.010	7.304	0.006	A	1.200	0.495	G	0.93	0.01	L *	7.3417	0.0015	0.011	127	*	7.33	7.37		D	04396−2115	I 2	2 C A	AB	99	1.508	0.020	3.06	0.09	S
21705	8.527	0.010	8.012	0.009		0.491	0.010	G	0.56	0.01	H	8.0689	0.0015	0.016	123		8.04	8.10					1							S
21706	8.717	0.016	8.145	0.015		0.529	0.015	G	0.60	0.02	H	8.2023	0.0017	0.010	63		8.19	8.22					1							S
21707	9.101	0.016	8.710	0.016		0.370	0.021	T	0.43	0.02	L	8.7883	0.0017	0.013	90		8.77	8.81		C			1							
21708	10.226	0.019	8.222	0.008		1.661	0.016	T	1.68	0.02	L	8.0368	0.0024	0.026	198		7.99	8.07		U 2			1							
21709	11.769	0.108	9.864	0.032		1.575	0.015	G	2.00	0.21	K	9.8053	0.0028	0.025	96		9.76	9.85		C			1							
21710	10.471	0.043	9.232	0.025	*	1.018	0.005	G	1.18	0.02	A *	9.3171	0.0022	0.015	69	*	9.29	9.34		C	04397+0952	I 1	2 C B	AC	172	0.754	0.032	3.41	0.14	
21711	9.066	0.013	8.501	0.012		0.533	0.013	T	0.61	0.01	L	8.5608	0.0014	0.013	120		8.54	8.59			04397−4503	I 1	1							S
21712	9.413	0.018	8.936	0.017		0.536	0.015	G	0.61	0.02	H	8.9503	0.0016	0.014	110		8.93	8.97		C			1							
21713	9.658	0.020	8.350	0.012		1.111	0.018	T	1.07	0.02	L	8.3889	0.0015	0.013	103		8.37	8.42					1							
21714	9.454	0.017	9.181	0.019		0.260	0.024	T	0.29	0.03	L	9.2164	0.0020	0.015	80		9.19	9.24		C			1							
21715	9.698	0.020	7.716	0.008		1.643	0.017	T	1.67	0.02	L	7.6292	0.0017	0.021	129		7.59	7.67		U 2			1							S
21716	9.416	0.015	8.943	0.015		0.470	0.015	G	0.54	0.02	H	9.0080	0.0020	0.023	127		8.97	9.05		C			1							S
21717	9.303	0.014	8.791	0.013		0.491	0.014	T	0.56	0.01	L	8.8573	0.0018	0.020	124		8.82	8.91					1							
21718	7.306	0.007	6.207	0.004		0.943	0.002	G	0.91	0.04	E	6.2691	0.0007	0.007	99		6.26	6.28					1							S
21719	9.239	0.014	8.584	0.013		0.608	0.016	T	0.68	0.01	L	8.6161	0.0013	0.012	105		8.59	8.64					1							S
21720	9.159	0.012	8.934	0.014		0.215	0.017	T	0.24	0.02	L	8.9930	0.0022	0.024	144		8.96	9.04					1							
21721	9.944	0.025	9.351	0.022		0.554	0.025	T	0.63	0.02	L	9.4405	0.0025	0.016	86		9.41	9.46		C			1							
21722	10.632	0.043	10.403	0.055		0.270	0.020	G	0.30	0.03	H	10.4080	0.0038	0.031	114		10.32	10.46		C			1							G
21723	11.629	0.136	10.130	0.060		1.073	0.005	G	1.14	0.01	I	10.1570	0.0038	0.023	56		10.12	10.19		C			1							G
21724	9.002	0.012	8.495	0.012		0.470	0.015	G	0.54	0.02	H	8.5545	0.0027	0.021	128		8.52	8.59		R			1							S
21725	9.649	0.030	8.058	0.015		1.320	0.020	G	1.28	0.02	H	8.0747	0.0013	0.009	56		8.06	8.09		C			1							
21726	10.006	0.034	9.460	0.031		0.512	0.041	T	0.58	0.04	L	9.4870	0.0024	0.017	69		9.45	9.52		C			1							
21727	6.471	0.003	5.199	0.003		1.079	0.004	G	1.04	0.00	H	5.2418	0.0015	0.009	99		5.22	5.25		U 2	04399+5305	I 1	1							S
21728	8.168	0.006	8.055	0.007		0.110	0.009	T	0.12	0.01	L	8.0908	0.0013	0.017	198		8.06	8.13		M			1							
21729	9.247	0.017	8.026	0.011		1.043	0.016	T	1.01	0.01	L	8.0644	0.0019	0.015	100		8.04	8.09		R			1 S							
21730	5.774	0.003	5.409	0.003	*	0.331	0.017	G	0.40	0.01	L *	5.4474	0.0005	0.006	107	−	5.44	5.46		D	04400+5328	I 1	3 C B							S G
21731	8.689	0.011	7.843	0.009		0.747	0.003	G	0.79	0.00	H	7.9048	0.0015	0.012	119		7.89	7.93					1							S
21732	9.463	0.025	8.348	0.016		0.961	0.023	T	0.95	0.02	L	8.4219	0.0021	0.014	64		8.40	8.44		C			1							S
21733											T *	11.1894	0.0048	0.047	138	*	11.08	11.29		U	04400−3105	H 1	2 C S C	AB	196	0.192	0.045	0.85	0.86	G
21734	10.122	0.026	9.833	0.030		0.275	0.037	T	0.31	0.05	L	9.9248	0.0018	0.020	140		9.89	9.96		C			1							G
21735	5.294	0.004	5.433	0.004		−0.121	0.009	G	−0.11	0.01	H	5.4147	0.0010	0.005	46		5.41	5.43					1							S
21736	8.852	0.010	8.719	0.012		0.121	0.014	T	0.14	0.01	L	8.7619	0.0017	0.024	154		8.72	8.82					1							S
21737	8.067	0.010	7.993	0.010		0.073	0.013	T	0.08	0.01	L	8.0130	0.0016	0.013	124		7.99	8.03		C			1							
21738	9.280	0.021	7.364	0.010		1.591	0.018	T	1.61	0.02	L	7.3120	0.0019	0.011	71		7.29	7.33					1							
21739	8.714	0.016	8.589	0.019		0.085	0.015	G	0.10	0.02	H	8.6132	0.0015	0.012	69		8.59	8.63		C			1							
21740	12.032	0.155	10.697	0.079		1.132	0.136	T	1.10	0.14	L	10.6295	0.0033	0.025	67		10.60	10.68		C			1							G
21741	10.477	0.047	9.576	0.033		0.811	0.000	G	0.85	0.00	H	9.5439	0.0029	0.019	81		9.51	9.58		C			1							
21742	9.450	0.027	8.738	0.023		0.690	0.015	G	0.75	0.01	H	8.7770	0.0020	0.013	51		8.75	8.80					1							
21743	6.744	0.003	5.669	0.002		0.926	0.002	G	0.95	0.04	E	5.7242	0.0004	0.007	220		5.71	5.74		C			1							S
21744	9.875	0.032	9.695	0.039	A	0.172	0.047	T	0.19	0.05	L	9.7569	0.0095	0.036	67	A	9.72	9.88		D	04401+0319	I 2	1 C P A							
21745	10.735	0.066	10.165	0.059	B	0.533	0.079	T	0.61	0.08	L	10.4704	0.0174			B				D	04401+0319	I 2	1 C I A							
21746	9.412	0.014	8.177	0.009		1.054	0.013	T	1.02	0.01	L	8.2463	0.0017	0.017	126		8.21	8.27					1							
21747	9.449	0.017	8.995	0.017		0.428	0.022	T	0.50	0.02	L	9.0575	0.0018	0.018	97		9.03	9.09		C			1							S
21748	9.575	0.024	9.182	0.025		0.372	0.032	T	0.43	0.04	L	9.2305	0.0025	0.015	60		9.20	9.26		C			1							
21749	7.101	0.006	6.650	0.007		0.425	0.008	T	0.49	0.01	L	6.6785	0.0012	0.007	63		6.67	6.70		C			1							S
21750	12.242	0.137	10.922	0.069		1.254	0.020	G	1.42	0.03	I	10.9211	0.0030	0.038	173		10.84	11.00		C			1							G
21751	10.246	0.050	9.723	0.050		0.491	0.064	T	0.56	0.07	L	9.8090	0.0037	0.023	47		9.77	9.85		C			1							
21752	8.735	0.008	8.282	0.008		0.427	0.010	T	0.49	0.01	L	8.3292	0.0013	0.014	175		8.30	8.36		C			1							S
21753	9.008	0.012	7.567	0.007		1.216	0.011	T	1.18	0.01	L	7.5897	0.0013	0.015	121		7.57	7.62					1							S
21754	10.041	0.028	8.478	0.014		1.311	0.025	T	1.27	0.03	L	8.4504	0.0018	0.014	105		8.42	8.48		R			1 S							
21755	9.251	0.011	8.899	0.012		0.342	0.015	T	0.40	0.02	L	8.9758	0.0016	0.022	166		8.94	9.02					1							
21756	8.175	0.016	7.402	0.014	B	0.677	0.007	G	0.72	0.02	A *	6.6698	0.0009	0.007	99	*	6.66	6.69		D	04403−5857	I 1	2 C A	AB	90	3.217	0.002	0.21	0.01	S
21757	9.508	0.015	8.745	0.013		0.680	0.015	T	0.74	0.01	L	8.8099	0.0019	0.016	128		8.78	8.83		C			1							S
21758	8.249	0.009	7.155	0.005		0.945	0.008	T	0.94	0.01	L	7.2061	0.0011	0.010	138		7.19	7.22		C			1							S
21759	10.589	0.052	9.816	0.040		0.703	0.051	T	0.76	0.04	L	9.8366	0.0026	0.016	83		9.81	9.86		C			1							G
21760	7.235	0.009	6.816	0.009		0.393	0.015	G	0.46	0.02	H	6.8824	0.0011	0.007	52		6.87	6.90		C			1							S
21761	10.769	0.054	10.168	0.052		0.560	0.066	T	0.63	0.06	L	10.2318	0.0024	0.021	58		10.19	10.26		C			1							G
21762	10.797	0.070	9.573	0.041	*	1.096	0.006	G	1.17	0.01	I *	9.5880	0.0033	0.019	49	*	9.56	9.64		D	04404+1631	M 1	2 C A	AB	353	0.462	0.011	1.75	0.06	
21763	6.395	0.005	4.527	0.003		1.599	0.021	G	2.27	0.02	A	4.3758	0.0023	0.021	105		4.35	4.41		U 2	04404−1940	I 1	1 S							S P
21764	8.238	0.008	7.711	0.008		0.515	0.015	G	0.59	0.02	H	7.7678	0.0012	0.014	161		7.74	7.79					1							S
21765	11.997	0.130	10.605	0.062		1.490	0.015	G	2.01	0.09	I	10.3432	0.0034	0.023	56		10.31	10.38		D	04405−0911	I 1	1 S							G
21766	11.431	0.111	9.908	0.048		1.500	0.510	G	3.92	0.96	K	10.5232	0.2030	1.535	127		8.08	11.99	397.10	P 1 B			1 V							G P
21767	11.116	0.079	10.495	0.072		0.696	0.086	G	0.75	0.07	R	10.5431	0.0049	0.029	51		10.47	10.57					1							G
21768	11.913	0.173	10.639	0.082		0.724	0.086	G	0.78	0.06	R	10.5616	0.0096	0.048	74		10.46	10.62		U 2			1							G
21769	10.066	0.038	9.916	0.049		0.144	0.058	T	0.16	0.06	L	9.9278	0.0028	0.023	91		9.90	9.97					1							
21770	4.844	0.003	4.488	0.002		0.342	0.011	G	0.40	0.02	A	4.5287	0.0008	0.007	107		4.51	4.54		M	04406−4152	I 1	1							S
21771	8.303	0.010	7.010	0.006		1.100	0.009	T	1.06	0.01	L	7.0664	0.0009	0.009	121		7.05	7.08					1							S
21772	10.763	0.041	9.528	0.023		1.054	0.037	T	1.02	0.03	L	9.5738	0.0022	0.024	107		9.54	9.61		C			1							
21773	10.380	0.023	9.101	0.013		1.089	0.021	T	1.05	0.02	L	9.1616	0.0023	0.024	189		9.12	9.22		C			1							
21774	7.678	0.009	7.491	0.010		0.172	0.013	T	0.19	0.01	L	7.5246	0.0019	0.012	54		7.50	7.55		C			1							S
21775	8.864	0.008	8.517	0.009		0.336	0.011	T	0.39	0.01	L	8.5639	0.0015	0.018	202		8.53	8.60					1 G							S
21776						−0.020	0.020	G	0.00	0.02	R	12.6021	0.0119	0.095	38		12.32	12.76					1							G
21777	9.124	0.013	8.642	0.013	*	0.473	0.015	G	0.54	0.02	H *	8.6521	0.0017	0.015	100	*	8.62	8.67		D	04407−0112	I 1	2 C A	AB	294	0.610	0.009	1.23	0.04	
21778	8.497	0.009	7.804	0.008		0.621	0.001	G	0.69	0.00	H	7.8790	0.0010	0.012	162		7.86	7.90		C			1 G							S
21779	9.260	0.017	9.147	0.021		0.110	0.025	T	0.12	0.03	L	9.1608	0.0020	0.018	104		9.13	9.19		C			1							
21780	9.133	0.019	8.500	0.017		0.588	0.022	T	0.66	0.02	L	8.5455	0.0012	0.012	63		8.53	8.58		D			1							
21781	10.223	0.025	8.913	0.014		1.160	0.020	G	1.12	0.02	H	8.9464	0.0019	0.023	142		8.91	8.98					1							
21782	9.011	0.018	8.789	0.020		0.212	0.025	T	0.23	0.03	L	8.8242	0.0021	0.015	58		8.81	8.85		C			1							
21783	8.598	0.025	8.118	0.024		0.485	0.015	G	0.56	0.02	H	8.1378	0.0026	0.015	48		8.12	8.18		C			1							S
21784	9.246	0.014	9.014	0.016		0.196	0.015	G	0.21	0.02	H	9.1100	0.0029	0.026	127		9.06	9.16		D	04408−3951	I 2	1							
21785	8.561	0.010	8.302	0.011		0.233	0.015	G	0.26	0.02	H	8.3827	0.0020	0.022	129		8.35	8.42		D	04408−3951	I 2	1							S
21786	7.661	0.005	7.525	0.007		0.123	0.008	T	0.14	0.01	L	7.5504	0.0010	0.010	114		7.54	7.57					1							S
21787	8.126	0.009	7.786	0.009	A	0.337	0.400	G	0.30	0.03	L *	7.8263	0.0010	0.011	102	*	7.80	7.86		D	04408−5602	I 1	2 C C	AB	26	1.849	0.037	3.88	0.23	S
21788	9.712	0.025	8.912	0.020		0.688	0.001	G	0.75	0.00	H	8.9812	0.0014	0.012	79		8.97	9.01					1							
21789	8.906	0.020	8.316	0.018	*	0.552	0.020	T	0.62	0.02	L *	8.5651	0.0013	0.014	110	*	8.54	8.59		D	04408−6248	I 1	2 C A	AB	340	2.746	0.006	1.23	0.02	S
21790	7.417	0.006	7.279	0.007		0.125	0.009	T	0.14	0.01	L	7.3127	0.0008	0.008	138		7.29	7.33		C			1							S
21791	9.926	0.019	9.312	0.018		0.572	0.023	T	0.64	0.02	L	9.3823	0.0024	0.020	137		9.35	9.41		C			1							
21792	10.605	0.065	9.976	0.054		0.585	0.073	T	0.66	0.07	L	10.0466	0.0036	0.022	50		10.02	10.09		C			1 X							G
21793	10.674	0.039	9.360	0.020		1.116	0.034	T	1.08	0.04	L	9.4316	0.0019	0.025	131		9.39	9.48					1							
21794	9.342	0.014	8.849	0.013	*	0.475	0.015	T	0.55	0.02	L *	8.9096	0.0017	0.017	102	*	8.89	8.94		D	04409−4230	H 1	2 C S B	AB	29	0.157	0.026	1.13	0.72	
21795	7.664	0.013	7.613	0.016	*	0.030	0.002	G	0.05	0.00	H *	7.6787	0.0016	0.013	68	*	7.66	7.71		D	04409+0058	I 1	2 C A	AB	327	5.690	0.003	1.46	0.02	S
21796	9.406	0.019	8.241	0.013		1.000	0.018	T	0.98	0.01	L	8.3084	0.0017	0.010	70		8.29	8.32		C			1							S
21797	8.545	0.011	8.126	0.011		0.394	0.007	G	0.46	0.01	H	8.1660	0.0017	0.011	74		8.15	8.18		C			1							S
21798	9.797	0.017	9.163	0.015		0.584	0.017	T	0.66	0.02	L	9.2125	0.0019	0.023	145		9.18	9.26					1							
21799	10.265	0.023	8.773	0.012		1.256	0.020	T	1.21	0.02	L	8.8029	0.0019	0.019	152		8.77	8.84		C			1							
21800	10.783	0.079	9.310	0.036	A	1.300	0.400	G	1.36	0.07	B *	9.2923	0.0034	0.019	59	*	9.27	9.33		R	04410+4840	I 1	2 C D	AB	295	8.105	0.099	3.85	0.34	D

Number HIP 1	2	RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	α (ICRS) deg 8	δ deg 9	10	π mas 11	$\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	F1 % 29	F2 30
21801		04 41 00.91	−53 52 05.6	9.44		H	70.253 806 10	−53.868 213 09		5.33	19.00	36.23	0.91	0.81	0.94	1.08	1.04	−3	−17	−8	−21	+12	−10	+5	+9	+4	+15	0	0.78
21802		04 41 02.68	−60 50 45.1	8.48		G	70.261 147 19	−60.845 868 14		6.31	1.01	4.82	0.63	0.70	0.69	0.73	0.85	+2	+0	−18	−7	−4	+3	−7	+19	−3	+13	3	0.01
21803		04 41 02.77	−22 23 04.7	9.34		H	70.261 531 90	−22.384 630 90		2.15	14.73	3.84	1.01	0.90	1.43	0.97	0.99	+14	+0	−10	−60	−19	+2	−7	−17	−7	−17	0	0.40
21804		04 41 02.97	+29 43 40.9	9.37		H	70.262 366 65	+29.728 015 10		8.02	41.40	−37.89	1.31	1.05	1.40	1.59	1.22	+24	+18	−19	+1	+27	+0	+26	+42	−6	+26	0	0.54
21805		04 41 03.36	−39 34 59.0	7.96		G	70.263 982 53	−39.583 043 47		3.95	6.06	10.26	0.59	0.59	0.72	0.59	0.67	−6	−2	+8	−15	−2	+14	−2	+3	+1	−14	0	1.91
21806	H	04 41 03.48	−45 42 17.5	8.52		H	70.264 484 11	−45.704 852 26	A	3.51	−13.22	11.08	1.50	1.54	1.47	1.49	1.61	−7	+6	−16	−7	−12	+9	−11	+4	−13	−6	2	1.36
21807		04 41 04.91	+50 03 59.5	8.09		G	70.270 460 55	+50.066 536 50		11.12	45.17	−88.59	0.94	0.90	1.11	1.31	1.10	+27	+17	−34	−8	−31	+7	−26	−12	+9	+41	0	2.74
21808		04 41 04.98	−06 44 51.0	7.06		H	70.270 731 02	−06.747 504 63		3.56	13.50	−3.74	0.84	0.74	0.95	0.95	0.95	+27	+29	−31	+53	+41	−8	+29	+70	−23	+51	0	0.72
21809		04 41 05.78	+03 30 50.3	8.44		H	70.274 071 30	+03.513 978 01		3.51	37.51	−28.47	1.23	0.69	1.31	1.31	1.01	−4	+53	−18	+25	+0	+2	−14	+45	−20	+20	0	0.21
21810		04 41 06.10	+06 37 52.8	8.88	2	H	70.275 396 02	+06.631 331 28		1.14	−1.09	−2.50	1.30	1.07	1.60	1.62	1.59	+31	+26	−34	+15	+48	−22	+21	+67	−45	+60	0	1.41
21811		04 41 06.78	−64 26 34.3	9.49		H	70.278 243 08	−64.442 861 47		1.89	2.04	11.91	0.78	0.79	0.84	0.62	0.96	−3	+9	+0	−51	+21	+11	+22	−12	+22	+25	2	0.01
21812		04 41 07.69	+57 54 43.6	8.10		H	70.282 031 90	+57.912 107 53		5.58	17.11	−24.65	0.74	0.66	1.09	0.86	0.83	−7	+24	−28	+33	+12	+4	−1	+64	−28	+17	1	0.03
21813		04 41 08.04	+25 59 34.0	8.31		G	70.283 490 04	+25.992 788 18		5.64	12.46	−9.62	0.99	0.60	1.11	1.02	0.76	+24	+37	−8	+13	+11	+10	−5	+51	−23	+37	0	1.76
21814		04 41 12.39	−65 18 43.5	9.40	2	G	70.301 639 21	−65.312 092 87		0.93	28.49	−40.92	0.84	0.83	0.89	0.89	1.10	−3	+22	+0	−13	+4	+7	+6	+7	−2	−7	1	−0.89
21815		04 41 15.47	−13 56 25.0	8.06		H	70.314 469 16	−13.940 271 39		5.54	38.28	−26.00	0.67	0.59	0.93	0.83	0.77	+27	+10	−11	+33	+10	−3	+10	+44	−25	+5	0	−0.21
21816		04 41 17.88	−17 37 10.1	10.12		H	70.324 501 68	−17.619 465 26		13.14	7.47	−9.60	5.56	4.60	8.38	9.15	6.57	−11	+12	−15	−17	−11	+44	−2	−4	−36	−54	0	
*21817		04 41 19.15	+29 18 17.6	9.74		H	70.329 800 62	+29.304 885 22		5.51	15.80	4.11	7.51	5.33	8.39	9.07	6.71	+13	+18	−14	−21	+8	+30	+11	+8	+7	+29	0	
*21818		04 41 19.00	+20 54 07.7	8.09	2	H	70.329 172 44	+20.902 130 88		74.13	−233.61	−254.55	1.13	0.61	1.24	1.03	0.73	+6	+62	−9	+6	−6	−4	−17	+30	−19	+20	0	1.97
21819		04 41 19.74	+28 36 54.2	5.73		H	70.332 232 25	+28.615 066 93		9.74	37.35	−30.04	0.77	0.53	0.83	0.95	0.69	+27	+31	−7	+5	+2	−1	−1	+35	−11	+28	0	1.13
*21820		04 41 19.76	+15 30 43.0	9.96		H	70.332 319 57	+15.511 937 78		3.62	−1.50	0.91	1.54	1.12	1.69	2.21	1.83	+26	+14	−15	+3	+12	−6	+4	+29	−18	+44	0	0.14
*21821		04 41 19.76	−52 37 31.0	8.15		G	70.332 316 76	−52.625 268 27		18.34	−42.44	−216.73	0.62	0.57	0.66	0.62	0.63	+5	+13	+2	−24	+1	−5	+2	−21	+0	+11	1	−1.65
21822		04 41 20.22	+34 39 56.5	7.91		H	70.334 238 25	+34.665 706 17		5.28	−22.60	−44.22	0.96	0.76	1.11	1.04	0.97	+10	+19	−15	−6	+17	+3	+13	+4	−26	+36	0	−0.36
21823		04 41 24.09	+48 18 03.6	5.66		H	70.350 372 33	+48.300 988 64		10.48	44.67	−44.20	0.74	0.66	0.89	0.89	0.74	+18	+22	−43	+0	−21	+10	−14	−15	+16	+49	3	1.60
21824		04 41 29.32	−43 54 02.6	8.65		H	70.372 152 66	−43.900 735 63		5.44	36.24	−108.71	0.67	0.75	0.82	0.72	0.84	−7	+19	−11	−9	−1	−2	−2	−1	−3	−5	1	0.61
21825		04 41 30.95	−23 58 35.2	7.34	2	H	70.378 953 02	−23.976 457 26		1.90	1.14	6.82	0.52	0.58	0.88	0.58	0.70	+3	−2	+0	−23	−9	+4	−9	−17	−4	−14	1	−1.26
21826		04 41 32.18	+01 53 58.6	8.75		H	70.384 076 74	+01.899 615 11		2.94	26.74	−8.02	1.01	0.68	1.14	1.25	1.01	+18	+27	−11	+7	−5	−6	−11	+17	−5	+42	0	1.19
21827		04 41 33.96	−14 41 16.0	7.33		H	70.391 490 17	−14.687 785 81		6.04	12.45	−29.01	0.54	0.45	0.84	0.74	0.60	+1	+32	+1	+9	−22	+4	−17	+28	−14	−40	0	0.21
21828		04 41 34.70	−68 36 27.5	8.07		H	70.394 591 36	−68.607 642 08		3.87	−1.92	−14.94	0.55	0.61	0.60	0.57	0.74	−2	+13	−4	−13	−3	+9	−9	+28	−16	+8	0	−0.21
21829		04 41 34.79	−00 44 38.9	7.98		G	70.394 962 91	−00.744 149 07		5.88	92.65	75.64	0.87	0.58	0.97	1.02	0.69	−6	+25	−12	+42	+8	−6	+4	+60	−13	−8	2	−0.19
21830		04 41 35.12	−43 00 34.1	9.41		G	70.396 318 25	−43.009 459 05		6.25	23.72	−42.20	0.79	0.86	0.94	1.14	1.04	−21	+17	−12	+11	−17	+14	−14	+16	−7	−26	0	0.47
21831		04 41 35.63	+19 35 33.2	10.21		H	70.398 446 12	+19.592 542 29		−4.46	4.10	−0.20	1.75	1.16	2.03	1.81	1.38	+17	+37	−13	−2	+17	−25	−1	+32	−31	+42	5	1.56
21832		04 41 35.90	+42 07 10.1	7.29		G	70.399 567 12	+42.119 483 66		35.31	536.05	−416.89	0.98	0.77	1.07	1.26	1.09	+4	+32	−3	+30	−6	−18	−2	+30	+21	−20	0	−1.23
21833		04 41 35.90	+00 33 36.2	7.53		H	70.399 580 57	+00.560 042 19		7.66	−6.55	11.17	0.82	0.54	0.92	0.91	0.66	−7	+27	−22	+42	+6	−2	−1	+56	−20	+7	2	−0.51
21834		04 41 36.60	−66 54 01.1	8.07		H	70.402 507 98	−66.900 296 32		3.87	3.49	−13.65	0.67	0.67	0.69	0.75	0.87	−4	+2	−8	−2	+11	+11	+9	+29	−13	+9	0	2.82
21835		04 41 36.66	−02 27 04.2	9.48		H	70.402 751 62	−02.451 164 63		2.17	−0.10	−12.97	1.55	1.13	1.84	2.35	1.74	+11	+16	−3	+27	+10	+20	+22	+62	−26	−32	0	−0.90
21836		04 41 39.38	−48 09 24.6	8.57		H	70.414 064 45	−48.156 829 46		4.31	18.89	12.27	0.70	0.72	0.79	0.73	0.81	+9	+1	+13	−12	−10	+10	−11	+10	−6	+4	0	0.87
21837		04 41 42.04	−12 28 33.0	6.64		G	70.425 146 39	−12.475 821 92		6.22	−6.94	14.96	0.57	0.47	0.82	0.85	0.72	+13	+2	−21	+17	+4	−9	+4	+33	−9	−2	2	0.73
21838	H	04 41 42.26	−52 18 44.3	8.17		G	70.426 102 60	−52.312 302 37	A	7.29	−2.04	53.08	1.52	1.23	1.11	1.13	1.00	+15	+18	−2	−9	+7	−9	+9	−8	+6	+27	2	−0.90
21839		04 41 42.56	−32 50 44.3	8.61		G	70.427 325 63	−32.845 631 42		11.48	187.17	14.88	0.66	0.79	1.02	0.76	0.98	+0	−5	−22	+17	−8	+8	−3	+0	−20	+10	0	−1.20
21840		04 41 43.36	+22 43 53.8	8.73	1	G	70.430 646 22	+22.731 599 80	A	3.24	4.77	−8.87	2.71	1.76	2.74	3.10	2.12	+37	+30	−11	−6	+2	−2	−10	+30	−25	+49	5	3.43
21841	H	04 41 45.21	−61 13 03.9	7.68		H	70.438 387 94	−61.217 738 09	A	5.49	7.47	15.07	1.62	1.67	1.50	1.67	1.75	+5	−8	−22	−8	−11	+18	−12	+15	+8	+24	1	0.58
21842		04 41 45.95	+28 39 12.8	10.97		H	70.441 448 19	+28.653 561 44	B	1.17	3.84	−29.88	15.24	9.49	9.00	13.03	8.67	+14	+43	−22	−28	−13	+1	−17	−5	−12	+28	6	0.86
21843		04 41 46.15	−47 15 36.1	6.77		G	70.442 271 64	−47.260 023 93		14.44	55.01	98.10	0.49	0.50	0.56	0.52	0.54	+5	−6	−1	−14	−15	+17	−15	+1	−6	+0	1	0.62
21844		04 41 46.63	−45 18 27.0	7.89		H	70.444 286 50	−45.307 496 04		2.04	6.37	13.38	0.58	0.57	0.66	0.70	0.66	−13	+11	−11	+16	−26	+26	−24	+14	−12	−19	0	−0.90
21845		04 41 47.25	+28 39 36.0	8.85		H	70.446 862 33	+28.660 011 49	A	8.27	11.85	−14.73	2.46	1.63	2.01	2.78	1.85	+19	+34	−23	−34	−24	+7	−25	−17	−4	+39	6	0.86
21846		04 41 48.32	+54 40 16.8	8.13		H	70.451 320 28	+54.671 340 06		1.78	−5.37	−10.91	0.81	0.64	1.00	0.96	0.77	−25	+12	−9	+36	−38	−5	−41	+49	−21	−13	0	0.17
21847		04 41 50.08	+38 16 49.5	5.97		H	70.458 654 07	+38.280 420 13		32.03	241.54	−97.88	0.76	0.53	0.91	0.77	0.58	+12	+46	−21	−16	−3	−10	−16	+2	−26	+24	0	1.42
21848		04 41 50.67	+21 28 06.6	10.30		H	70.461 132 78	+21.468 509 20		−1.75	0.37	−6.19	1.82	1.15	1.97	2.25	1.34	+18	+33	+19	+14	−29	−19	−26	+26	−17	+7	0	−0.80
21849	H	04 41 51.80	−47 49 33.4	7.37		G	70.465 833 61	−47.825 952 20	A	11.12	−28.06	−38.61	0.78	0.77	0.79	0.78	0.82	+1	−15	+0	−10	−18	+21	−16	+12	−5	−6	1	0.35
21850		04 41 54.30	−58 01 14.6	8.41		H	70.476 251 20	−58.020 727 62		18.28	66.12	−12.01	0.74	0.69	0.77	0.88	0.94	−2	+7	−2	−5	−14	−15	−14	+8	+13	−13	1	0.26
21851		04 41 54.62	−44 54 57.5	8.72		G	70.477 573 82	−44.915 963 93		6.72	−12.96	10.93	0.69	0.67	0.79	0.78	0.75	−5	+10	−14	−2	−9	+10	−8	+1	−3	−9	0	−0.05
21852		04 41 55.16	+26 58 49.6	9.55		H	70.479 814 31	+26.980 447 31		8.68	−0.70	−20.56	1.23	0.77	1.35	1.35	1.04	+15	+31	+0	+3	+9	+4	−6	+49	−21	+30	0	0.42
21853		04 41 58.20	−11 35 36.3	8.42		H	70.492 502 70	−11.593 422 82		5.36	−0.30	−4.04	0.78	0.71	1.09	1.04	0.92	+3	+6	−7	+19	−6	−3	−5	+37	−2	+1	0	0.51
21854		04 41 58.64	+65 05 44.7	8.70		H	70.494 312 60	+65.095 737 15		2.84	−3.32	−2.61	0.65	0.77	1.03	0.77	0.88	+23	+13	−11	+16	+34	−20	+25	+34	−23	+44	0	0.02
21855	H	04 41 58.97	−50 31 07.4	8.18		H	70.495 726 72	−50.518 718 34	A	5.14	−5.92	15.30	1.59	2.07	1.01	0.96	1.00	−19	+10	+2	+15	+2	+13	−1	+3	−6	+7	0	0.57
21856		04 41 59.64	+21 30 32.2	8.96		H	70.498 498 08	+21.508 952 54		6.68	14.05	−0.53	1.41	0.89	1.51	1.72	1.05	+17	+35	+21	+16	−31	−20	−29	+25	−15	+2	0	−0.67
21857	H	04 41 59.69	−54 48 01.6	7.94		H	70.498 714 23	−54.800 456 70	A	7.38	−9.46	47.78	0.85	0.93	0.87	0.87	1.04	−1	−8	−1	+8	+3	−1	+1	+3	+1	−2	1	0.22
21858		04 42 01.57	+31 01 37.1	10.42		H	70.506 543 09	+31.026 959 27		4.14	−1.37	−3.17	1.87	1.36	2.04	1.88	1.53	+21	+47	−19	+18	+26	+2	+21	+46	+2	+47	0	2.51
21859		04 42 02.51	+76 29 03.0	9.62		H	70.510 476 57	+76.484 171 87		5.61	−4.23	9.81	0.75	0.89	1.12	0.81	1.00	−10	+2	+0	−19	−4	−2	−3	+4	+9	−13	1	0.76
21860		04 42 03.30	−29 37 56.0	8.77		H	70.513 736 82	−29.632 209 75		7.89	−23.77	53.03	0.61	0.80	1.05	0.71	1.03	−2	−2	−6	+4	+0	+17	+0	+17	−9	+5	2	−1.07
21861		04 42 03.45	−37 08 41.2	5.04		H	70.514 359 53	−37.144 766 16		36.16	46.90	193.14	0.45	0.49	0.60	0.54	0.59	−2	−1	−26	+7	−13	+13	−9	−1	+4	+11	0	−0.89
21862		04 42 03.71	+69 05 38.0	7.44		H	70.515 456 73	+69.093 902 48		2.63	25.61	−77.98	0.41	0.59	0.80	0.48	0.71	−7	+20	−17	+10	+4	+11	+9	−17	+23	−4	0	0.55
21863		04 42 04.11	+24 00 38.8	7.19		H	70.517 124 53	+24.010 781 17		11.26	−14.25	−7.15	0.81	0.52	0.86	1.02	0.66	+13	+17	−10	+15	−15	+13	−16	+37	+6	+29	0	0.02
21864		04 42 04.66	+14 19 35.6	8.77		H	70.519 396 71	+14.326 547 70		6.31	23.56	−10.65	1.12	0.74	1.15	1.22	0.96	+8	+42	−3	+32	+0	+7	−5	+46	−4	+23	0	−0.14
21865		04 42 05.27	−33 55 08.7	9.98		G	70.521 963 12	−33.919 096 76		32.67	−37.38	−293.78	0.83	1.04	1.27	0.99	1.30	−6	−1	−13	+6	−2	−9	−2	−3	−17	+5	2	1.38
21866		04 42 05.36	+11 51 21.7	10.39		H	70.522 346 29	+11.856 029 26		0.79	8.01	−3.14	1.95	1.29	2.16	2.71	2.06	+18	+18	+6	−8	+9	+12	+4	+21	−24	+15	0	1.40
21867		04 42 05.74	−61 05 33.0	8.47		H	70.523 905 94	−61.092 507 83		1.43	3.63	3.93	0.72	0.70	0.74	0.82	0.83	+6	−11	−4	−34	−12	+20	−11	+7	+2	+3	0	−1.63
21868		04 42 05.85	+23 03 36.7	8.94		H	70.524 383 14	+23.060 207 77		9.99	−0.43	−15.44	1.26	0.78	1.42	1.37	1.01	+21	+43	−22	+0	+0	−4	−16	+33	−24	+47	2	1.06
21869		04 42 08.15	−37 36 48.6	6.93		G	70.533 967 90	−37.613 494 62		7.65	−14.04	10.25	0.47	0.50	0.60	0.50	0.61	−7	+4	−7	−11	−1	+9	−2	+10	+6	+2	0	−0.29
21870		04 42 08.68	−01 39 53.7	8.93		H	70.536 185 44	−01.664 927 38		7.54	15.74	−13.53	1.83	1.24	2.00	1.65	1.53	+33	+61	+0	+56	+37	+12	+33	+85	−3	+29	2	1.46
21871		04 42 08.91	+08 51 10.6	8.44		H	70.537 109 06	+08.852 950 78		2.60	−3.05	1.08	1.09	0.82	1.22	1.51	1.27	+26	+23	−19	+18	+23	−7	+13	+44	−18	+49	0	−0.32
21872		04 42 08.92	−35 28 34.0	8.41		H	70.537 165 91	−35.476 124 49		6.81	−31.32	−28.17	0.62	0.76	0.90	0.69	1.00	+3	+4	−13	−9	−8	+16	−10	+16	+19	+20	0	−0.72
21873		04 42 09.76	+15 58 11.8	8.09		G	70.540 667 02	+15.969 945 00		9.15	−23.66	−27.58	1.19	0.94	1.27	1.84	1.59	+41	−3	−27	+15	+40	−17	+36	+54	−36	+47	0	2.23
21874	H	04 42 10.35	−56 07 08.4	8.04		G	70.543 123 85	−56.118 988 81	A	8.25	37.65	60.58	2.33	1.29	0.87	0.92	1.02	−28	−3	+5	−6	−1	+15	−5	+8	+9	−7	3	−1.18
21875		04 42 10.50	+19 48 18.7	10.77		H	70.543 755 19	+19.805 202 16		2.60	−3.94	−2.42	2.26	1.39	2.59	2.13	1.64	+14	+49	−15	−13	+14	−22	−9	+25	−31	+43	0	0.01
21876		04 42 10.51	+49 55 11.6	7.69		H	70.543 798 26	+49.919 897 77		4.79	8.61	−26.36	0.83	0.69	0.90	1.19	0.92	+24	+5	−22	+1	−18	−3	−23	+26	−3	+46	0	1.35
21877		04 42 11.31	+67 17 36.0	7.85		H	70.547 133 13	+67.293 337 90		0.86	−7.41	−5.10	0.52	0.62	0.91	0.60	0.74	−9	+17	−10	−27	+1	+1	+0	−14	+5	+11	0	−0.31
21878	H	04 42 13.44	+37 30 53.6	7.60		H	70.555 991 02	+37.514 892 93	A	14.60	49.62	5.05	2.80	1.71	2.31	2.42	1.54	+16	+32	−35	−26	−29	+14	−24	−13	+14	+38	0	0.36
21879		04 42 13.59	−49 22 50.3	9.79		H	70.556 624 19	−49.380 636 10		18.98	52.34	−18.81	0.93	0.89	0.97	1.18	1.09	−9	+12	+6	+28	−22	+0	−21	+24	−12	−14	0	0.58
21880	H	04 42 13.71	+02 59 24.2	7.26		H	70.557 123 93	+02.990 051 24	*	5.65	16.07	−17.51	23.18	4.27	1.26	1.69	1.11	−78	+7	−8	+3	−2	+5	+2	+5	−25	+10	0	0.86
21881	H	04 42 14.70	+22 57 25.1	4.27	1	H	70.561 264 52	+22.956 975 45	*	8.14	−2.84	−20.33	0.69	0.48	0.78	0.81	0.58	+17	+26	−26	+3	−6	+7	−6	+18	+5	+37	0	0.41
21882		04 42 14.99	+09 38 02.3	6.76		H	70.562 466 92	+09.633 978 73		12.76	36.17	−65.16	0.77	0.57	0.83	1.04	0.88	+31	+24	−11	+12	+7	−4	+0	+31	−4	+55	2	0.30
21883		04 42 15.61	−12 09 36.0	9.07		H	70.565 061 45	−12.160 012 53		0.96	4.32	−15.37	1.04	0.92	1.38	1.52	1.23	−2	+14	−15	+30	+5	−6	+6	+48	+2	−9	4	0.80
21884		04 42 16.10	+57 42 31.8	11.37		G	70.567 102 57	+57.708 828 19		30.76	−77.14	−531.78	1.98	1.51	3.00	2.01	1.80	−37	+42	−39	+21	−4	+3	−20	+58	−34	−13	0	1.84
*21885		04 42 17.72	−60 24 25.7	8.76		H	70.573 841 07	−60.407 129 27		1.42	8.45	20.43	0.79	0.79	0.84	0.90	0.95	−2	−4	−7	−15	+2	+14	+0	+9	+9	+9	0	1.51
*21886		04 42 17.70	+47 35 12.5	7.97		H	70.573 751 38	+47.586 813 64		5.68	50.20	−45.23	1.07	0.85	1.31	1.32	0.91	−9	+40	−41	+16	−23	+2	−23	+16	−7	−2	0	0.38
21887		04 42 18.41	−41 18 31.9	9.20		H	70.576 706 41	−41.308 868 34		4.93	−6.25	0.07	0.82	0.82	0.98	0.99	0.97	−10	−11	−4	−24	+13	+15	+12	+3	−1	−2	4	−1.99
21888		04 42 18.96	−44 20 56.6	9.75		G	70.579 007 70	−44.349 068 12		14.61	−231.71	−21.48	0.85	0.91	1.01	0.91	1.01	−11	+6	−13	−19	+5	+1	+5	+0	+2	−12	0	−0.98
21889		04 42 19.96	−61 37 16.6	8.86		G	70.583 164 89	−61.621 285 00		17.14	14.20	243.65	0.73	0.73	0.77	0.78	0.86	+5	−4	−1	−31	−9	+17	−8	−4	+18	+1	0	2.17
21890		04 42 20.31	+10 27 03.7	9.88		H	70.584 627 16	+10.451 038 40		5.18	2.03	−2.07	1.38	1.08	1.58	2.01	1.72	+28	+20	−26	+23	+21	+0	+10	+47	−16	+57	0	1.52
21891		04 42 20.46	−29 42 43.4	9.09		G	70.585 237 43	−29.712 060 33		11.63	51.15	−192.76	0.65	0.86	1.09	0.76	1.08	−2	+4	−14	+5	−4	+12	−2	−5	−12	+3	0	−1.13
21892		04 42 21.01	−63 12 56.5	8.03		H	70.587 530 44	−63.215 688 37		11.70	16.04	34.32	0.56	0.63	0.65	0.51	0.70	−7	+22	−23	−28	+14	−10	+15	−16	+10	+17	1	−0.32
21893		04 42 22.22	−23 10 40.6	6.80		H	70.592 563 10	−23.177 942 65		1.73	−12.02	−10.66	0.51	0.51	0.74	0.49	0.61	+7	+14	−13	−43	−11	−11	−11	−12	+3	−3	0	−0.26
21894	H	04 42 22.58	−00 55 47.5	6.73	2	H	70.594 095 45	−00.929 854 73	A	7.06	−18.75	−18.71	1.40	0.89	1.16	1.23	0.86	+32	+21	−11	+31	+15	−15	+6	+46	−25	+14	3	0.03
21895		04 42 22.84	−41 43 47.3	9.41		H	70.595 166 76	−41.729 806 80		3.03	30.42	17.88	0.87	0.89	1.04	0.93	1.06	−9	+8	−14	−16	+10	−5	+8	+2	−9	+5	0	0.55
21896		04 42 23.05	+35 51 45.3	8.69		H	70.596 055 25	+35.862 574 75		4.29	−5.17	4.71	1.25	0.81	1.39	1.45	0.98	−12	+42	−20	+11	+6	+1	−6	+31	−27	−7	0	−0.86
21897		04 42 24.50	−71 29 45.2	8.25		G	70.602 093 25	−71.495 884 70		8.72	−24.80	−6.01	0.73	0.67	0.69	0.94	0.87	−11	+19	+10	−48	+12	−4	+7	−39	−24	−13	0	−0.84
21898		04 42 26.92	+33 57 53.5	8.87		H	70.612 168 92	+33.964 857 63		1.86	7.57	−9.63	1.44	1.06	1.49	1.58	1.40	−1	+39	−23	+3	+29	+7	+31	+11	+4	+35	0	−0.08
21899		04 42 30.77	+17 52 40.7	10.54		H	70.628 217 16	+17.877 977 31		6.35	21.33	−55.50	2.03	1.31	2.19	2.68	1.95	+25	+4	−6	−24	−21	+26	−31	+1	+16	+58	0	−1.26
21900	H	04 42 31.72	−20 58 23.2	7.75		H	70.632 179 23	−20.973 109 68	*	2.58	2.57	−2.43	0.66	0.61	0.93	0.72	0.71	−20	+26	−28	+4	−16	+3	−19	−2	−5	−38	0	−0.07

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No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
21801	9.912	0.021	9.501	0.023		0.402	0.026	T	0.47	0.03	L	9.5306	0.0022	0.020	102		9.50	9.57		C			1							
21802	8.874	0.011	8.527	0.012		0.364	0.015	G	0.43	0.02	H	8.5610	0.0013	0.011	109		8.54	8.59					1							S
21803	10.646	0.037	9.459	0.021		1.017	0.033	T	0.99	0.03	L	9.5044	0.0027	0.031	151		9.45	9.57					1							
21804	9.975	0.043	9.424	0.043		0.516	0.054	T	0.59	0.06	L	9.4814	0.0025	0.016	49		9.45	9.50		C			1							
21805	8.745	0.011	8.044	0.009		0.633	0.011	T	0.70	0.01	L	8.0839	0.0012	0.013	117		8.06	8.11		D	04411−3935	I 1	1							S
21806	8.735	0.014	8.397	0.017	*	0.321	0.021	T	0.37	0.03	L	*	8.6013	0.0020	0.017	112	*	8.57	8.63		R	04411−4542	I 1	2 C	A	AB	95	2.353	0.004	0.20	0.02	S
21807	8.686	0.017	8.113	0.016		0.516	0.015	G	0.59	0.02	H		8.2049	0.0018	0.014	60		8.18	8.23		C			1							
21808	8.443	0.011	7.184	0.009		1.073	0.011	T	1.04	0.01	L		7.2295	0.0009	0.009	76		7.22	7.25		C			1							S
21809	9.959	0.030	8.570	0.017		1.175	0.027	T	1.14	0.02	L		8.6085	0.0016	0.011	73		8.58	8.63		C			1							
21810	11.231	0.080	9.116	0.023		1.789	0.069	T	2.60	0.16	O		8.8890	0.0419	0.163	60		8.69	9.18		U 2			1	S						P
21811	9.789	0.020	9.488	0.022		0.287	0.032	T	0.33	0.04	L		9.5672	0.0017	0.014	98		9.54	9.60		C			1							
21812	8.164	0.007	8.088	0.009		0.075	0.011	T	0.09	0.01	L		8.1279	0.0016	0.016	140		8.10	8.15					1							S
21813	9.486	0.018	8.548	0.013		0.910	0.015	G	0.91	0.01	H		8.5252	0.0019	0.017	103		8.50	8.55					1	S						
21814	10.127	0.028	9.438	0.024		0.656	0.010	G	0.72	0.01	H		9.5216	0.0037	0.031	103		9.48	9.63		U 2	04412−6519	I 1	1							
21815	9.514	0.016	8.194	0.009		1.121	0.014	T	1.08	0.01	L		8.2291	0.0015	0.014	143		8.20	8.26		C			1							
21816	11.981	0.124	10.279	0.041		1.448	0.108	T	2.08	0.46	K		10.1932	0.0033	0.035	120		10.11	10.25		C			1	X						G
21817	10.313	0.046	9.801	0.047		0.481	0.059	T	0.55	0.06	L		9.8483	0.0034	0.018	41		9.81	9.91		C			1	X						G
21818	9.532	0.025	8.220	0.015		1.092	0.005	G	1.16	0.01	I		8.2237	0.0050	0.046	72		8.13	8.30		U 2			1							P
21819	5.747	0.004	5.728	0.006		0.018	0.006	T	0.04	0.01	L		5.7473	0.0006	0.004	71		5.74	5.75		C	04413+2837	I 1	1							S
21820	10.523	0.073	9.997	0.069		0.494	0.090	T	0.57	0.09	L		10.0678	0.0048	0.024	43		10.03	10.11		C			1							G
21821	8.774	0.012	8.207	0.011		0.528	0.011	G	0.60	0.01	H		8.2629	0.0015	0.012	107		8.24	8.28					1							S
21822	9.600	0.025	8.046	0.013		1.304	0.022	T	1.26	0.02	L		8.0698	0.0014	0.011	51		8.05	8.10		C			1							
21823	5.649	0.006	5.648	0.005		0.002	0.007	T	0.02	0.01	L		5.6662	0.0009	0.007	48		5.66	5.68		C			1							S
21824	9.910	0.019	8.773	0.012		0.978	0.018	T	0.96	0.01	L		8.8168	0.0015	0.019	126		8.79	8.85					1							
21825	9.556	0.017	7.552	0.007		1.697	0.015	T	2.18	0.05	O		7.4084	0.0046	0.056	137		7.33	7.50		U 2			1							S P
21826	10.356	0.038	8.870	0.020		1.251	0.034	T	1.21	0.03	L		8.9162	0.0019	0.016	72		8.89	8.94		C			1							
21827	8.744	0.009	7.465	0.006		1.089	0.008	T	1.05	0.01	L		7.4950	0.0008	0.009	162		7.48	7.51		C			1							S
21828	9.523	0.017	8.190	0.010		1.131	0.015	T	1.09	0.02	L		8.2394	0.0026	0.023	119		8.21	8.27		R			1	S						S
21829	8.420	0.008	8.010	0.008		0.386	0.012	G	0.45	0.01	H		8.0616	0.0009	0.009	109		8.05	8.07					1							S
21830	9.943	0.022	9.422	0.021		0.505	0.015	G	0.58	0.02	H		9.5180	0.0017	0.018	98		9.47	9.55		C			1							
21831	11.507	0.109	10.332	0.060		1.008	0.097	T	0.98	0.08	L		10.3832	0.0048	0.025	56		10.33	10.43		C			1							G
21832	8.043	0.013	7.349	0.011		0.633	0.010	G	0.70	0.01	H		7.4006	0.0016	0.009	43		7.38	7.41		C			1							S
21833	7.793	0.008	7.579	0.008		0.204	0.011	T	0.22	0.01	L		7.5965	0.0009	0.006	91		7.58	7.61					1							S
21834	9.677	0.022	8.204	0.012		1.241	0.020	T	1.20	0.02	L		8.2344	0.0021	0.015	85		8.21	8.26					1							
21835	11.269	0.097	9.625	0.037		1.375	0.082	T	1.35	0.10	L		9.6114	0.0028	0.020	63		9.58	9.64		C			1							
21836	9.957	0.021	8.679	0.013		1.088	0.019	T	1.05	0.02	L		8.7353	0.0015	0.018	118		8.71	8.78			04417−4809	I 1	1							
21837	6.811	0.004	6.668	0.005		0.127	0.002	G	0.14	0.00	H		6.6927	0.0009	0.009	129		6.68	6.71		C			1							S
21838	8.653	0.011	8.223	0.011	*	0.405	0.015	G	0.47	0.02	H	*	8.2595	0.0020	0.014	104	*	8.24	8.28		D	04417−5219	I 1	2 C	A	AB	259	0.446	0.003	0.96	0.02	S
21839	9.342	0.014	8.659	0.013		0.609	0.004	G	0.68	0.00	H		8.7391	0.0014	0.015	125		8.71	8.77		D			1							S
21840	10.978	0.094	8.852	0.028	A	1.655	0.243	G	1.72	0.29	K		8.7023	0.0186	0.029	82	A	8.66	8.75		U	04417+2244	I 1	2 C	A	AB	39	16.447	0.038	2.16	0.14	
21841	7.712	0.008	7.622	0.010	*	0.081	0.012	T	0.09	0.01	L	*	7.7125	0.0012	0.011	100	*	7.69	7.75		D	04418−6113	I 1	2 C	A	AB	221	7.203	0.004	0.09	0.01	S
21842											T		11.1300	0.0269			B				D	04418+2840	I 2	1 C	I B							
21843	7.699	0.006	6.856	0.004		0.745	0.015	G	0.79	0.01	H		6.9119	0.0012	0.012	121		6.89	6.93			04418−4716	I 1	1							S
21844	7.948	0.009	7.894	0.009		0.049	0.011	T	0.06	0.01	L		7.9129	0.0012	0.009	118		7.89	7.93					1							S
21845	9.448	0.028	8.906	0.025	A	0.508	0.034	T	0.58	0.04	L		8.9649	0.0061	0.016	54	A	8.94	8.99		D	04418+2840	I 2	1 C	P B						
21846	8.306	0.009	8.144	0.010		0.156	0.013	T	0.17	0.01	L		8.1875	0.0013	0.013	116		8.16	8.21		C			1							S
21847	6.681	0.006	6.034	0.005		0.593	0.006	T	0.66	0.01	L		6.0966	0.0011	0.005	56		6.09	6.11		C			1							S
21848	10.959	0.069	10.260	0.059		0.644	0.074	T	0.71	0.07	L		10.4422	0.0061	0.029	62		10.40	10.50					1							G
21849	7.696	0.009	7.343	0.010	*	0.300	0.027	G	0.34	0.04	H	*	7.4410	0.0012	0.016	121	*	7.42	7.47		R	04419−4750	I 1	2 C	A	AB	229	3.677	0.011	2.69	0.05	S
21850	9.371	0.015	8.487	0.012		0.773	0.015	T	0.81	0.01	L		8.5469	0.0016	0.017	105		8.52	8.58		C			1							
21851	9.119	0.013	8.763	0.014		0.362	0.015	G	0.42	0.02	H		8.8014	0.0020	0.017	120		8.77	8.83		C			1							S
21852	10.342	0.033	9.596	0.027		0.667	0.032	T	0.73	0.03	L		9.6884	0.0040	0.030	98		9.65	9.76					1							G
21853	8.822	0.012	8.451	0.012		0.351	0.016	T	0.41	0.02	L		8.5021	0.0019	0.020	105		8.46	8.54					1							S
21854	8.968	0.011	8.722	0.012		0.234	0.015	T	0.26	0.02	L		8.7693	0.0015	0.017	134		8.74	8.80		C			1							
21855	9.354	0.015	8.296	0.010	*	0.918	0.014	T	0.92	0.01	L	*	8.3405	0.0015	0.014	117	*	8.31	8.37			04420−5031	H 1	2 C	C	AB	338	0.356	0.048	3.56	0.31	S
21856	10.737	0.058	9.121	0.024		1.353	0.049	T	1.32	0.06	L		9.1140	0.0032	0.016	60		9.08	9.14					1							
21857	9.237	0.013	8.077	0.009	A	1.136	0.134	G	0.96	0.02	L	*	8.1070	0.0014	0.011	116	*	8.08	8.13		C	04420−5448	I 1	2 C	B	AB	183	3.631	0.040	3.70	0.17	
21858	11.198	0.092	10.433	0.073		0.697	0.092	T	0.75	0.08	L		10.5729	0.0055	0.036	51		10.51	10.63					1							G
21859	9.941	0.021	9.640	0.024		0.286	0.030	T	0.33	0.04	L		9.6904	0.0022	0.023	167		9.64	9.74					1							
21860	9.327	0.014	8.824	0.013		0.484	0.015	T	0.56	0.02	L		8.8820	0.0025	0.020	152		8.84	8.92					1							S
21861	5.497	0.002	5.083	0.003		0.391	0.017	G	0.46	0.02	A		5.1297	0.0005	0.005	128		5.12	5.14					1							S
21862	8.880	0.009	7.566	0.005		1.116	0.008	T	1.08	0.01	L		7.6043	0.0009	0.013	200		7.59	7.63					1							S
21863	7.752	0.008	7.237	0.007		0.484	0.010	T	0.56	0.01	L		7.2986	0.0008	0.008	91		7.29	7.32		C			1							S
21864	9.244	0.019	8.799	0.019		0.420	0.025	T	0.49	0.03	L		8.8658	0.0018	0.015	68		8.83	8.90		C			1							
21865	11.607	0.070	10.155	0.032		1.199	0.017	G	1.33	0.03	I		10.0676	0.0032	0.030	124		10.01	10.11					1							
21866	11.113	0.086	10.552	0.086		0.432	0.107	G	0.50	0.11	R		10.4851	0.0044	0.026	51		10.44	10.52		C			1							G
21867	9.960	0.022	8.599	0.013		1.153	0.020	T	1.12	0.02	L		8.6330	0.0015	0.014	106		8.61	8.66					1							
21868			9.226	0.016		0.505	0.107	G	0.56	0.04	L		9.0534	0.0019	0.013	72		9.02	9.07					1							
21869	6.885	0.005	6.937	0.005		−0.034	0.002	G	−0.01	0.00	H		6.9305	0.0010	0.008	125		6.92	6.95					1							S
21870	9.211	0.017	8.934	0.019		0.264	0.024	T	0.30	0.03	L		9.0012	0.0015	0.012	64		8.97	9.02		C			1							
21871	8.452	0.016	8.427	0.019		0.028	0.023	T	0.04	0.02	L		8.4572	0.0017	0.011	54		8.44	8.48		C			1							
21872	9.209	0.014	8.478	0.012		0.656	0.014	T	0.72	0.01	L		8.5455	0.0018	0.019	118		8.51	8.58					1							S
21873	8.521	0.017	8.124	0.018		0.388	0.011	G	0.45	0.01	H		8.1882	0.0016	0.011	44		8.16	8.21		C			1							S
21874	8.576	0.010	8.092	0.009	*	0.476	0.015	G	0.55	0.02	H	*	8.1428	0.0012	0.011	101	*	8.12	8.16		D	04422−5607	H 1	2 C	A	AB	105	0.348	0.024	3.12	0.21	S
21875	11.465	0.115	10.829	0.098		0.584	0.107	G	0.66	0.10	R		10.8992	0.0068	0.034	61		10.84	10.96		C			1							G
21876	7.729	0.009	7.708	0.012		0.024	0.014	T	0.04	0.01	L		7.7049	0.0017	0.011	79		7.68	7.72					1							S
21877	7.984	0.007	7.862	0.008		0.118	0.010	T	0.13	0.01	L		7.8961	0.0011	0.014	171		7.87	7.93					1							S
21878	8.425	0.023	7.776	0.019	*	0.602	0.026	T	0.67	0.02	L	*	7.7284	0.0013	0.010	58	*	7.71	7.76		D	04422+3731	I 1	2 C	A	AB	10	0.927	0.003	0.07	0.01	S
21879	10.928	0.043	9.842	0.026		0.930	0.040	T	0.92	0.03	L		9.9339	0.0033	0.024	100		9.89	9.97		C			1	G						
21880	7.484	0.008	7.284	0.010	*	0.191	0.012	T	0.21	0.01	L	*	7.3210	0.0009	0.007	70	*	7.31	7.33		D	04422+0259	I 1	2 C	B	AS	188	0.089	0.014	0.46	1.58	S
21881	4.121	0.002	4.252	0.003	*	−0.112	0.003	T	−0.10	0.00	L	*	4.2366	0.0012	0.007	76	*	4.23	4.25		M	04422+2257	I 1	2 C	S A	AS	125	0.196	0.026	2.64	0.23	S
21882	7.175	0.007	6.801	0.006		0.354	0.009	T	0.42	0.01	L		6.8491	0.0009	0.008	66		6.83	6.86			04423+0939	I 1	1							S
21883	10.478	0.037	9.171	0.020		1.111	0.033	T	1.07	0.03	L		9.2396	0.0027	0.021	89		9.21	9.29		C			1							
21884						1.430	0.020	G	1.75	0.05	I		11.4514	0.0036	0.038	153		11.39	11.52		C			1							G
21885	10.693	0.037	8.935	0.015		1.465	0.032	T	1.47	0.05	L		8.8937	0.0016	0.023	110		8.85	8.94					1							
21886	9.589	0.035	8.139	0.020		1.223	0.032	T	1.18	0.03	L		8.1306	0.0013	0.011	47		8.10	8.15		D			1							
21887	10.398	0.034	9.304	0.022		0.945	0.031	T	0.94	0.02	L		9.3627	0.0022	0.019	106		9.33	9.39		C			1							
21888	10.596	0.030	9.855	0.025		0.688	0.003	G	0.75	0.00	H		9.8968	0.0020	0.020	127		9.86	9.93					1							
21889	9.875	0.022	8.943	0.016		0.812	0.002	G	0.85	0.00	H		9.0077	0.0016	0.018	94		8.98	9.04		C			1							
21890	10.502	0.052	9.936	0.047		0.529	0.062	T	0.60	0.07	L		9.9971	0.0021	0.014	56		9.97	10.04					1							G
21891	9.743	0.017	9.167	0.016		0.560	0.015	G	0.63	0.01	H		9.2024	0.0016	0.022	144		9.16	9.24			04423−2943	I 1	1							
21892	8.507	0.010	8.078	0.010		0.430	0.003	G	0.50	0.00	H		8.1222	0.0012	0.011	102		8.10	8.14		C			1							S
21893	8.872	0.010	6.971	0.004		1.579	0.009	T	1.60	0.01	L		6.9138	0.0012	0.012	157		6.90	6.93					1							S
21894	7.208	0.006	6.777	0.005	*	0.407	0.007	T	0.47	0.01	L	*	6.8206	0.0032	0.022	94	*	6.79	6.86		U 2	04424−0056	H 1	2 C	A	AB	247	0.468	0.011	2.25	0.04	S P
21895	10.660	0.045	9.520	0.028		0.980	0.041	T	0.96	0.03	L		9.5745	0.0025	0.024	111		9.53	9.60					1							
21896	9.152	0.027	8.734	0.027		0.395	0.035	T	0.46	0.04	L		8.7866	0.0026	0.013	42		8.77	8.82		C			1							
21897	8.808	0.012	8.273	0.011		0.509	0.012	T	0.58	0.01	L		8.3602	0.0013	0.011	108		8.34	8.38		C			1	G						S
21898	9.191	0.020	8.867	0.021		0.308	0.027	T	0.35	0.04	L		8.9468	0.0031	0.021	48		8.91	8.99		C			1							
21899	11.197	0.082	10.577	0.074		0.577	0.096	T	0.65	0.09	L		10.6672	0.0042	0.031	54		10.60	10.71					1							G
21900	8.399	0.010	7.827	0.010	*	0.538	0.010	T	0.61	0.01	L	*	7.8674	0.0010	0.014	133	*	7.84	7.89		D	04425−2058	I 1	2 C	S A	AS	265	0.170	0.004	0.33	0.20	S

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
21901		04 42 36.07	−69 04 41.9	9.61		H	70.650 288 93	−69.078 307 14		5.72	−1.54	−7.15	0.82	0.83	0.88	0.83	0.97	−12	+14	−3	+1	−14	+12	−17	+12	−25	−17	0	−1.51
21902		04 42 36.73	+38 23 22.7	8.02	2	H	70.653 027 09	+38.389 638 56		0.73	1.95	−1.17	0.93	0.68	1.07	0.94	0.73	+24	+44	−19	−14	−12	−15	−22	−3	−19	+38	0	0.45
21903		04 42 37.03	+58 54 33.4	7.96		H	70.654 278 37	+58.909 285 90		4.27	−0.84	−1.23	0.54	0.54	0.95	0.60	0.63	+7	+17	−5	+13	+9	−4	+8	+41	−5	+8	1	−0.35
21904		04 42 37.44	+12 18 40.0	8.16		H	70.655 991 05	+12.311 123 35		1.69	1.24	0.89	1.22	0.78	1.26	1.62	1.17	+20	+34	+0	−10	+11	+2	+10	+27	−11	+14	0	1.61
21905		04 42 37.44	+69 55 41.6	8.36		H	70.656 020 19	+69.928 231 30		3.40	12.65	−22.68	0.38	0.71	0.91	0.41	0.94	−27	+14	−15	−10	+1	−7	+5	+5	+20	−37	0	−0.32
21906		04 42 37.57	−13 14 18.2	11.03		G	70.656 536 38	−13.238 394 90	A	4.80	19.78	−13.69	4.45	3.96	7.17	7.28	5.49	+38	−14	−17	+13	+11	+4	+21	+32	−40	−4	9	1.40
21907		04 42 37.61	+36 18 41.7	7.89		H	70.656 709 75	+36.311 575 64		−0.13	−0.29	−0.87	0.95	0.81	1.20	1.14	0.87	+19	+17	−43	−4	+25	−13	+14	+40	−33	+31	0	0.41
21908		04 42 40.10	−08 48 20.2	8.52		H	70.667 084 73	−08.805 598 28		2.72	14.78	6.77	1.03	0.81	1.22	1.06	1.01	−12	+48	−21	+34	−1	+4	−10	+58	−19	+0	4	1.14
21909		04 42 40.36	−05 45 26.1	7.14		H	70.668 177 54	−05.757 257 33		3.11	−5.23	−4.19	0.90	0.68	0.98	1.18	0.91	+13	+28	−31	+24	+39	−14	+29	+64	−20	+27	0	−1.14
21910		04 42 40.69	+08 38 36.4	9.53		H	70.669 523 48	+08.643 458 03		5.63	5.23	−12.59	1.72	1.30	2.10	2.34	2.03	+30	+35	−18	+16	+34	−27	+8	+53	−46	+48	0	1.20
21911		04 42 40.81	−38 51 26.6	8.57		H	70.670 052 90	−38.857 383 46		3.40	6.86	11.39	0.63	0.65	0.77	0.67	0.72	−9	+11	+0	−5	−14	+1	−12	+9	+8	−20	0	−0.77
21912		04 42 43.97	+16 30 51.0	11.30		G	70.683 205 46	+16.514 161 74		17.92	−177.92	−196.32	2.84	2.39	3.19	5.28	4.45	+35	−5	−42	+4	+38	−11	+19	+49	−18	+72	0	0.93
21913		04 42 46.28	+72 58 42.0	8.35	2	T	70.692 819 03	+72.978 328 37		4.49	−17.90	−12.98	0.48	0.68	0.89	0.52	0.79	−11	+17	+9	−6	+2	−6	+3	−9	+9	−23	2	2.74
21914		04 42 46.46	−50 28 53.1	5.30		G	70.693 568 87	−50.481 418 05		9.50	−35.90	34.63	0.43	0.41	0.46	0.44	0.45	−4	+14	+4	+14	−17	+12	−18	+8	+6	−15	4	2.22
21915		04 42 47.63	+38 25 35.9	6.66		H	70.698 467 94	+38.426 644 70		13.90	−36.51	−7.34	0.79	0.56	0.91	0.78	0.60	+20	+48	−14	−6	−10	−20	−20	+3	−18	+29	0	0.71
21916		04 42 47.82	−67 24 24.5	9.22		H	70.699 255 59	−67.406 795 91		5.92	−41.78	−47.26	0.77	0.77	0.83	0.86	1.01	−6	+25	−6	−13	+4	−7	−2	+13	−20	−1	3	−0.99
21917		04 42 48.42	+64 50 42.7	9.87		H	70.701 768 62	+64.845 207 76		−0.91	4.14	−2.52	0.95	1.01	1.52	1.14	1.22	+15	+11	−15	+16	+32	−23	+25	+31	−20	+37	3	1.01
21918		04 42 48.79	+12 12 37.1	7.40		H	70.703 272 40	+12.210 318 10		18.42	80.19	−227.59	1.08	0.71	1.12	1.49	1.08	+22	+30	+0	−14	+8	+5	+6	+19	−9	+19	0	0.58
21919		04 42 48.95	−20 08 24.1	9.66		H	70.703 945 54	−20.140 037 09		1.80	2.35	−0.46	1.14	1.15	1.63	1.54	1.38	−19	+20	−31	+30	−20	−5	−21	+19	+5	−22	0	0.29
21920		04 42 49.28	+06 30 35.3	10.49		H	70.705 353 77	+06.509 805 27		3.08	−2.06	−8.52	2.05	1.62	2.25	2.70	2.54	+51	+30	−5	+32	+47	+4	+34	+61	−14	+70	3	1.07
21921		04 42 49.70	+66 44 08.1	8.29		H	70.707 063 74	+66.735 594 32		27.55	355.06	91.50	0.63	0.71	1.04	0.68	0.83	+3	+15	+11	−14	+15	+0	+17	−11	+5	+6	0	2.40
21922		04 42 51.50	−34 12 59.9	7.55		H	70.714 577 56	−34.216 637 66		4.22	27.46	3.22	0.49	0.57	0.71	0.52	0.73	+1	−6	−13	+17	+2	+6	+5	+11	−11	+18	0	−1.86
21923		04 42 51.64	+18 43 14.4	7.12		H	70.715 178 18	+18.720 657 03		23.23	103.46	−92.15	1.24	0.74	1.25	1.60	1.09	+35	+34	−6	−32	−32	−1	−40	−8	−5	+64	6	−0.63
21924		04 42 51.91	+56 56 57.8	9.47		H	70.716 301 58	+56.949 400 03		0.12	−1.66	1.49	0.96	0.71	1.50	1.06	0.86	−16	+21	−17	+11	+3	+6	−6	+41	−33	−3	0	−0.18
21925		04 42 52.01	−17 49 36.6	9.21		H	70.716 718 26	−17.826 835 14		2.34	−6.99	−11.00	0.84	0.85	1.52	1.35	1.24	−16	+14	−14	+2	−19	+35	−18	+1	−44	−54	0	0.38
21926		04 42 52.23	+18 08 42.6	10.27		H	70.717 620 90	+18.145 180 11		19.22	61.63	−121.96	2.12	1.31	2.64	3.44	2.07	+15	+24	−11	−7	−21	+49	−25	+10	+16	+50	6	2.02
21927		04 42 53.82	−04 07 11.4	8.26		H	70.724 268 15	−04.119 838 51		2.71	34.47	−3.49	1.03	0.68	1.14	0.98	0.85	−4	+48	−4	+41	+0	−1	−3	+63	−3	+4	0	1.47
21928		04 42 54.30	+43 21 55.0	5.30		H	70.726 245 34	+43.365 264 51		12.02	34.70	−52.07	1.08	1.04	0.97	1.14	1.19	+71	+26	−5	+2	−6	+17	+7	−2	+36	+71	0	3.03
21929		04 42 54.99	+04 44 26.8	7.97		H	70.729 111 35	+04.740 777 70		3.01	9.64	−20.74	0.98	0.63	1.07	1.29	0.89	+21	+33	+0	+3	−2	−13	−8	+22	−18	+25	0	−0.08
21930	H	04 42 55.19	−45 18 55.9	9.39		H	70.729 953 50	−45.315 522 97	A	4.04	−8.04	−6.22	1.37	1.41	1.26	1.48	1.40	+28	+6	−8	+14	−9	+22	−7	−5	−8	+7	2	−0.41
21931		04 42 55.28	+07 34 11.4	8.90		H	70.730 350 66	+07.569 830 36		3.91	−7.85	−9.94	1.29	1.00	1.49	1.77	1.49	+35	+10	−24	+25	+37	−14	+28	+58	−41	+40	0	0.20
21932		04 42 55.37	+18 57 39.2	9.95		G	70.730 707 62	+18.960 880 78		106.16	659.83	−1114.72	2.43	1.47	2.51	3.15	2.05	+37	+30	−16	−37	−27	−3	−35	−8	−11	+61	0	0.79
21933		04 42 55.56	−31 42 31.6	7.51		G	70.731 492 52	−31.708 771 62		3.26	10.02	4.09	0.49	0.57	0.74	0.58	0.71	−7	+10	−10	+10	−7	+19	−7	−18	−6	−10	0	−0.21
21934		04 42 56.55	−44 11 43.0	9.98		G	70.735 626 50	−44.195 271 19		29.06	−77.48	−172.12	0.86	0.97	1.05	0.94	1.12	−3	+17	−11	−18	+6	−3	+7	−4	+7	−2	0	−0.76
21935		04 42 56.72	−00 35 24.4	8.15		G	70.736 325 51	−00.590 104 70		11.87	95.38	−47.22	0.91	0.64	1.11	1.11	0.79	+9	+22	−5	+29	+21	−10	+18	+55	−17	+5	0	0.78
21936		04 42 57.35	+02 25 06.4	7.85		H	70.738 955 65	+02.418 450 79		2.29	−2.03	−2.51	0.89	0.59	0.97	1.19	0.85	+13	+10	−6	+26	−4	−15	−7	+27	−14	+26	0	−0.33
21937	H	04 42 57.93	+53 08 18.3	8.11		G	70.741 357 53	+53.138 418 01	A	6.50	53.43	−66.16	1.39	1.12	1.54	1.73	1.38	−21	+16	−10	+44	−14	+7	−24	+58	−16	+19	2	0.40
21938		04 42 58.49	+17 18 40.1	8.23		G	70.743 702 05	+17.311 143 15		3.81	13.09	−1.87	1.01	0.80	1.18	1.70	1.44	+32	+1	−20	−2	+20	+25	+0	+38	+9	+76	0	1.05
21939		04 42 58.60	−33 25 57.7	8.44		H	70.744 163 50	−33.432 684 62		6.49	−15.18	−94.41	0.63	0.66	0.88	0.72	0.96	−1	+19	−21	+7	−9	+21	−7	+4	−5	+17	0	−1.29
*21940		04 42 58.78	−24 18 04.9	7.51		H	70.744 918 55	−24.301 359 17		10.66	38.22	46.68	0.39	0.56	0.83	0.52	0.66	−7	+4	+1	+21	−6	+3	−7	+0	−8	−10	0	1.02
*21941	H	04 42 58.77	+57 12 07.3	7.91		H	70.744 861 03	+57.202 018 73	A	12.64	−26.07	30.97	2.28	2.42	1.39	1.55	1.32	−41	+22	−8	+15	+15	+8	+6	+32	−20	+30	3	−0.23
21942		04 42 59.32	+14 48 52.4	6.69		H	70.747 171 92	+14.814 543 90		5.40	−24.30	11.59	0.75	0.55	0.79	0.91	0.74	+21	+25	−5	+23	+13	−3	+9	+44	−3	+33	0	1.61
21943		04 43 00.27	+57 37 51.1	9.18		H	70.751 124 96	+57.630 855 57		2.49	−7.93	1.84	1.23	0.89	1.82	1.18	1.03	−29	+50	−34	+23	+2	+4	−13	+58	−25	−2	0	0.48
21944		04 43 00.38	+01 06 28.4	8.32		H	70.751 570 97	+01.107 890 32		2.71	−0.66	−3.73	0.85	0.61	1.01	0.91	0.72	+1	+27	−24	+39	+18	−5	+8	+62	−21	+19	2	−0.28
21945		04 43 00.72	−81 30 15.6	8.14		H	70.752 989 77	−81.504 338 24		4.17	−2.01	−36.89	0.52	0.55	0.64	0.53	0.71	−16	+13	−8	+0	−11	+9	−11	−20	+3	−7	0	1.55
21946		04 43 01.37	+18 42 42.7	9.92		G	70.755 699 64	+18.711 871 27		21.10	100.30	−93.00	2.18	1.29	2.22	2.84	1.88	+31	+33	−2	−26	−32	+4	−39	−5	−3	+56	0	0.77
21947		04 43 01.97	+45 37 49.5	8.63		H	70.758 215 21	+45.630 406 35		1.05	−1.33	−3.43	1.23	0.97	1.59	1.18	0.98	−30	+58	−55	+9	−4	−14	−20	+26	−12	+15	0	2.29
21948	H	04 43 03.88	−22 19 20.2	8.43		H	70.766 149 33	−22.322 281 41	A	3.04	2.74	−4.12	1.85	1.57	2.08	1.52	1.50	+9	−14	−6	−68	−9	+9	+3	−31	−3	−17	2	0.67
21949		04 43 03.95	−70 55 52.0	5.53		H	70.766 444 96	−70.931 111 87		6.75	9.30	34.77	0.51	0.46	0.49	0.54	0.56	−11	+13	−3	−39	+12	+3	+11	−9	−13	−10	1	−0.43
21950		04 43 04.97	+33 55 47.1	7.26		H	70.770 718 29	+33.929 736 99		4.34	1.68	−8.71	0.92	0.75	1.02	1.02	0.93	+11	+20	−22	+1	+37	−10	+30	+22	−25	+28	0	0.42
21951		04 43 05.04	+26 14 35.2	8.67		H	70.771 015 84	+26.243 116 06		3.89	−11.38	−17.22	1.13	0.73	1.31	1.28	1.03	+34	+18	−20	−12	+20	+6	+4	+47	−32	+53	0	−0.32
21952		04 43 06.04	−50 13 11.1	8.95		H	70.775 159 48	−50.219 736 31		9.72	35.29	42.07	0.70	0.71	0.78	0.73	0.81	+4	+27	+13	+6	−17	+13	−16	+20	−1	−16	0	0.23
21953		04 43 06.31	+20 37 47.8	8.66		H	70.776 285 16	+20.629 949 33		11.51	64.89	19.84	1.26	0.75	1.32	1.42	0.91	+8	+37	−14	+41	+4	−17	−9	+56	−28	+11	0	0.77
21954		04 43 06.50	+09 37 13.5	8.63		H	70.777 088 57	+09.620 422 75		8.17	−6.33	4.09	1.12	0.80	1.20	1.41	1.16	+24	+29	−5	+18	+5	+1	+0	+37	+1	+41	0	−0.34
21955	H	04 43 07.19	−07 24 42.1	8.78	2	H	70.779 940 38	−07.411 689 81	A	1.73	1.64	−0.89	3.34	2.31	3.20	4.13	3.15	+2	+33	−21	−4	+21	−4	+22	+40	−8	+1	2	1.37
21956		04 43 07.39	−34 50 51.6	8.36		H	70.780 799 21	−34.847 652 92		2.44	16.74	−0.18	0.60	0.73	0.85	0.70	1.00	+6	+1	−4	+17	+3	+10	+1	+22	+2	+26	0	−0.23
21957		04 43 07.64	−06 28 15.3	7.39		H	70.781 817 52	−06.470 927 75		6.56	26.75	−21.48	0.85	0.62	0.95	0.88	0.74	+10	+43	−16	+50	+20	+6	+16	+64	−8	+23	0	1.70
21958		04 43 09.31	−30 45 55.4	5.66		H	70.788 807 60	−30.765 395 38		4.36	−30.32	−66.45	0.40	0.51	0.65	0.48	0.63	−8	+0	−18	+15	−9	+17	−7	−8	−3	−11	0	−0.40
21959		04 43 10.32	−15 37 14.9	7.85	2	H	70.792 995 33	−15.620 818 09		0.32	26.88	−26.44	0.70	0.61	1.09	1.10	0.84	−5	+19	−15	+5	−26	+20	−19	+19	−20	−40	0	−0.55
21960		04 43 13.63	−54 35 34.6	7.61		H	70.806 806 50	−54.592 943 92		36.74	50.46	−198.50	0.52	0.57	0.60	0.54	0.67	+6	+5	+7	+1	+2	−8	+4	+5	+8	+9	0	1.04
21961		04 43 13.75	+24 05 20.3	6.18		H	70.807 281 08	+24.088 964 47		20.03	15.62	−18.30	0.66	0.46	0.71	0.92	0.61	+37	+8	−10	+9	+1	+15	+0	+40	+2	+45	0	−0.32
21962		04 43 14.95	−41 06 17.8	10.24	2	G	70.812 301 73	−41.104 939 58		13.42	−51.06	−135.29	1.13	1.02	1.30	1.32	1.23	−8	−18	−8	−18	+8	+10	+8	+3	−3	+0	1	0.89
21963		04 43 16.38	−09 37 05.6	8.03		H	70.818 241 77	−09.618 214 24		18.24	52.76	42.58	0.84	0.71	1.11	1.06	0.86	+27	+20	−31	+46	+38	−27	+26	+58	−26	+34	3	1.35
21964		04 43 16.90	−00 24 28.8	10.18		H	70.820 424 09	−00.408 009 76		0.61	4.99	8.85	1.79	1.32	2.11	1.98	1.66	+26	+40	+24	+38	+24	+1	+31	+74	+13	+12	0	0.04
21965		04 43 17.17	−23 37 41.9	7.12		H	70.821 550 14	−23.628 316 14		17.17	50.00	−13.28	0.85	0.83	1.24	0.81	0.93	+3	+23	−5	−42	−8	−8	−9	−7	−12	−4	3	
21966	H	04 43 17.76	+59 31 16.4	6.51		H	70.824 007 62	+59.521 234 74	*	5.80	6.94	−41.20	0.45	0.47	0.81	0.52	0.54	+16	+13	−12	+0	+25	+1	+23	+35	−12	+19	3	0.29
21967		04 43 18.48	−82 31 11.6	7.74	1	H	70.826 996 67	−82.519 880 37		3.00	52.18	50.18	0.55	0.56	0.65	0.60	0.75	−19	+28	−20	−1	+1	−15	+0	−12	+7	−16	0	0.24
21968		04 43 18.53	−74 39 34.3	9.45		H	70.827 195 44	−74.659 533 16		1.47	14.88	18.98	0.78	0.87	0.87	0.88	1.17	−3	+5	−1	−10	−4	+4	−5	−8	−7	+24	1	1.30
21969		04 43 20.36	−47 13 17.6	7.36	1	H	70.834 849 61	−47.221 564 50		3.64	30.29	−21.13	0.55	0.55	0.62	0.57	0.58	−2	−3	+12	−9	−14	+17	−17	+8	−5	−3	0	−0.52
21970		04 43 20.53	+75 48 25.1	9.97		H	70.835 535 90	+75.806 975 32		5.75	13.00	−18.27	0.81	1.06	1.28	0.98	1.33	−6	+12	−3	−1	−4	+12	−2	+15	−2	−12	0	2.87
21971		04 43 21.02	−48 50 03.7	9.11		H	70.837 578 45	−48.834 348 70		2.40	−5.85	11.45	0.78	0.78	0.89	0.87	0.93	+0	+3	+15	+22	+2	−19	+5	+16	−9	+14	0	1.39
21972		04 43 21.60	+49 58 25.8	5.86		H	70.839 993 57	+49.973 826 24		5.09	−5.18	−15.33	0.71	0.59	0.78	1.03	0.76	+28	+8	−22	+2	−21	+13	−23	+35	−11	+48	0	1.53
21973		04 43 21.72	+12 26 45.7	9.64		H	70.840 482 12	+12.446 028 28		6.13	7.16	−16.53	1.91	1.24	2.16	2.53	1.88	+12	+41	−21	−10	+17	−10	+0	+34	−26	+34	3	1.14
21974		04 43 23.65	+71 11 38.4	9.23		H	70.848 533 24	+71.194 006 98		6.53	2.75	−22.65	0.61	0.94	1.20	0.63	1.05	−22	+11	−8	+5	+12	+10	+16	−5	+20	−20	0	−0.92
21975	H	04 43 24.95	+05 15 52.5	8.16		H	70.853 965 28	+05.264 570 48	A	3.75	−12.54	−2.32	1.44	1.12	1.48	1.70	1.31	+7	+36	−11	+17	+3	−3	−12	+31	−34	+29	2	−0.40
*21976		04 43 27.30	+04 57 49.7	8.07		G	70.863 734 05	+04.963 805 65		2.92	−7.60	−90.18	1.22	0.72	1.21	1.37	0.94	+14	+45	−4	+32	−12	+9	−24	+14	−31	+15	0	−0.52
*21977		04 43 27.25	−58 47 22.5	8.28		H	70.863 526 70	−58.789 588 98		4.89	0.15	10.09	0.64	0.58	0.66	0.71	0.73	−5	+11	−4	+24	−5	−22	−7	+8	+12	−18	0	−0.04
21978		04 43 29.23	+33 14 40.3	8.74		H	70.871 797 30	+33.244 534 27		3.00	6.20	−14.37	1.37	0.89	1.46	1.68	1.20	−16	+44	−21	+13	+12	−25	+6	+21	+0	−20	0	0.21
21979		04 43 29.64	−52 32 45.7	7.19		H	70.873 497 34	−52.546 035 31		5.48	38.49	7.20	0.52	0.50	0.57	0.54	0.56	+4	+8	−3	−20	+3	−5	+4	−20	+5	+10	1	0.87
21980	H	04 43 30.56	+12 20 04.2	9.47		H	70.877 351 32	+12.334 491 97	A	8.22	−22.44	−14.52	5.46	3.28	5.25	6.00	4.13	+9	+47	−9	−16	+5	−10	−5	+29	−8	+18	0	0.57
21981		04 43 30.70	−01 06 40.9	8.61		H	70.877 907 37	−01.111 361 51		4.28	8.16	4.93	1.46	1.27	1.41	1.73	1.65	+56	+25	+20	+66	+47	−3	+53	+83	+15	+45	0	1.40
21982		04 43 31.51	−41 45 12.7	7.77		H	70.881 310 23	−41.753 523 98		2.96	6.37	−13.60	0.57	0.61	0.68	0.58	0.68	−12	+16	−12	−23	+13	−4	+11	+3	+2	−3	0	−0.54
21983		04 43 31.68	+11 09 59.9	10.29		G	70.882 015 28	+11.166 652 72		21.48	97.80	24.92	1.69	1.07	1.84	2.65	1.73	+17	+14	−3	−19	+0	+31	+1	+12	−10	+11	0	1.93
21984		04 43 33.12	−66 44 34.1	8.50		H	70.887 991 49	−66.742 795 04		4.08	35.73	70.91	0.73	0.65	0.74	0.80	0.86	+0	−4	−3	−10	+4	+3	+2	+16	−24	+14	1	1.66
21985		04 43 34.02	−28 39 51.6	9.25		H	70.891 759 61	−28.664 328 77		5.38	−21.67	1.76	0.85	1.09	1.42	1.05	1.40	−15	+23	−26	−16	−2	−3	−2	−16	−6	+0	0	0.46
21986	H	04 43 34.73	−08 47 39.3	5.98	2	H	70.894 699 25	−08.794 245 87	B	8.04	28.84	−29.27	2.83	2.19	1.39	1.45	1.18	+2	+17	−9	+20	−6	+9	−8	+21	−14	−26	3	−1.97
21987		04 43 34.93	+08 16 27.9	10.45		H	70.895 531 73	+08.274 412 39		4.50	9.10	−2.23	1.86	1.42	2.21	2.53	2.11	+26	+24	−27	+28	+33	−21	+15	+57	−43	+43	0	0.13
21988		04 43 35.40	+27 41 17.0	8.00		G	70.897 501 81	+27.688 046 25		44.74	53.73	−265.73	0.88	0.63	0.99	1.06	0.74	+1	+39	−23	+12	+3	−12	−4	+20	−11	+5	0	1.46
21989		04 43 36.00	−84 48 39.9	9.20	2	T	70.900 020 49	−84.811 089 62		3.79	−3.31	−2.47	0.71	0.76	0.81	0.83	0.91	−8	+18	−9	−7	+6	−3	+6	+11	−5	−10	1	1.36
21990		04 43 36.06	−56 22 23.9	8.51		H	70.900 258 12	−56.373 303 84		1.20	−3.62	17.48	0.78	0.72	0.80	0.93	0.92	−6	−5	+1	−11	−8	+4	−10	+1	−3	+5	0	−1.89
21991		04 43 36.33	−15 48 16.6	9.95		H	70.901 358 08	−15.804 603 10		20.42	17.74	−186.63	1.02	0.92	1.55	1.72	1.34	−1	+13	−14	+26	−28	+18	−32	+9	−18	−41	1	0.23
21992		04 43 36.56	−48 18 16.0	7.94		G	70.902 354 01	−48.304 432 33		2.64	18.02	39.56	0.59	0.63	0.68	0.63	0.69	+3	+16	+13	+6	−6	+8	−10	+13	−10	+6	0	−0.79
21993		04 43 36.63	+07 27 59.2	10.06		H	70.902 642 63	+07.466 442 97		5.81	−10.47	−8.32	1.93	1.32	2.13	2.97	2.21	+25	+5	−16	−5	+38	+10	+40	+47	−43	+4	0	−0.76
21994		04 43 38.75	−58 33 21.3	8.26		H	70.911 457 81	−58.555 918 68		1.35	0.20	8.79	0.68	0.72	0.74	0.78	0.83	−13	+13	−6	+21	−1	−12	−4	−1	+13	−30	0	0.15
21995		04 43 40.67	+68 08 58.7	7.86		H	70.919 458 26	+68.149 630 73		2.78	−3.60	−1.09	0.40	0.62	0.84	0.55	0.74	+0	+10	−15	−10	−4	+18	+2	−26	+15	+24	0	−1.06
21996		04 43 41.04	+06 39 44.0	10.43		H	70.921 002 17	+06.662 234 44		5.86	0.89	−10.90	16.32	12.26	20.46	19.46	17.30	+24	+9	−26	−8	+22	+4	+16	+27	−37	+41	0	
21997		04 43 41.19	−32 15 26.6	8.26		H	70.921 624 49	−32.257 389 43		1.84	−2.88	−6.33	0.64	0.68	0.89	0.76	0.89	−1	+15	−17	+20	−5	+11	−3	+3	−9	+10	0	−0.21
21998		04 43 44.26	−41 03 53.3	6.24		G	70.934 431 79	−41.064 813 41		5.00	11.21	10.47	0.52	0.45	0.58	0.64	0.53	−6	−15	−11	−20	+0	+18	+4	−1	−12	−14	1	1.85
21999		04 43 44.35	−52 15 48.3	6.62		H	70.934 792 37	−52.263 412 47		7.47	53.33	49.12	0.47	0.45	0.52	0.48	0.49	+7	+1	−6	−6	+0	+2	+0	−9	+4	+16	1	−0.22
22000	H	04 43 45.83	−10 40 56.1	7.80	3	H	70.940 944 80	−10.682 250 01	A	5.40	6.35	9.70	1.01	1.06	1.29	1.28	1.16	+14	−3	−17	+2	+6	+14	+6	+14	−6	+19	10	−0.61

No.	Tycho Magnitudes					Colour Indices					Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
21901	10.275	0.029	9.650	0.025		0.577	0.028	T	0.65	0.03	L	9.7329	0.0022	0.018	97		9.70	9.76					1							
21902	8.483	0.018	8.075	0.018		0.386	0.024	T	0.45	0.03	L	8.1055	0.0048	0.027	59		8.04	8.15		U 2			1							
21903	8.276	0.008	7.981	0.010		0.280	0.012	T	0.32	0.01	L	8.0376	0.0011	0.012	150		8.01	8.06					1							
21904	8.864	0.019	8.280	0.017		0.755	0.015	G	0.80	0.01	H	8.3027	0.0027	0.013	54		8.29	8.32		C			1							S
21905	8.431	0.006	8.365	0.007		0.066	0.009	T	0.08	0.01	L	8.3865	0.0012	0.016	270		8.36	8.42					1							S
21906	11.984	0.127	11.190	0.102	A	0.709	0.022	G	0.76	0.02	H	11.2585	0.0661	0.210	151	A	10.79	11.45		D	04426−1314	H 1	2 C A	AB	349	19.459	0.020	0.45	0.14	G
21907	8.177	0.015	7.940	0.016		0.226	0.021	T	0.25	0.02	L	7.9552	0.0020	0.010	53		7.94	7.98		C			1							S
21908	9.767	0.023	8.629	0.015		0.979	0.021	T	0.96	0.02	L	8.6847	0.0017	0.012	77		8.66	8.71		C			1							
21909	7.177	0.007	7.135	0.008		0.038	0.002	G	0.05	0.00	H	7.1576	0.0009	0.008	65		7.15	7.17		C			1							S
21910	10.106	0.036	9.586	0.036		0.488	0.046	T	0.56	0.05	L	9.6339	0.0036	0.021	49		9.60	9.66		C			1							
21911	9.841	0.021	8.651	0.013		1.019	0.019	T	0.99	0.01	L	8.7390	0.0019	0.018	122		8.71	8.77		C			1							
21912						1.270	0.015	G	1.44	0.03	I	11.3743	0.0062	0.039	44		11.29	11.49		C			1							G
21913	8.747	0.008	8.388	0.008		0.340	0.011	T	0.40	0.01	L	8.4152	0.0254	0.220	178		8.23	8.74	0.50	P 1 A			1 S							
21914	6.539	0.003	5.409	0.002		0.977	0.001	G	0.96	0.04	E	5.4629	0.0005	0.005	115		5.45	5.47					1							S
21915	6.983	0.008	6.690	0.007		0.291	0.015	G	0.33	0.02	H	6.7399	0.0013	0.007	53		6.73	6.75		C			1							S
21916	9.792	0.022	9.297	0.021		0.477	0.023	T	0.55	0.02	L	9.3239	0.0020	0.016	101		9.30	9.35		C			1							
21917	10.221	0.027	9.869	0.031		0.334	0.038	T	0.39	0.05	L	9.9451	0.0028	0.031	126		9.89	10.00					1							G
21918	8.337	0.014	7.490	0.011		0.760	0.013	T	0.80	0.01	L	7.5496	0.0014	0.009	56		7.53	7.57		C			1							S
21919	11.795	0.098	9.850	0.027		1.530	0.020	G	1.66	0.15	K	9.7657	0.0031	0.032	119		9.72	9.82					1							
21920	10.980	0.065	10.277	0.057		0.648	0.070	T	0.71	0.06	L	10.5869	0.0036	0.027	58		10.54	10.63		C			1							G
21921	9.177	0.012	8.375	0.009		0.710	0.011	T	0.76	0.01	L	8.4257	0.0022	0.017	144		8.39	8.46					1 S							
21922	9.034	0.011	7.657	0.006		1.165	0.010	T	1.13	0.01	L	7.7177	0.0015	0.014	139		7.70	7.75					1							S
21923	7.955	0.011	7.178	0.010		0.677	0.005	G	0.74	0.00	H	7.2549	0.0008	0.007	52		7.24	7.27		C	04429+1843	I 1	1							S
21924	9.774	0.019	9.473	0.022		0.286	0.027	T	0.33	0.03	L	9.5424	0.0019	0.020	147		9.51	9.58		C			1							G
21925	9.631	0.018	9.237	0.019		0.385	0.022	T	0.45	0.02	L	9.3002	0.0026	0.022	111		9.26	9.34		C			1							
21926	11.159	0.078	10.235	0.056		0.818	0.071	T	0.84	0.05	L	10.4277	0.0042	0.025	57		10.39	10.46		C			1 S							G
21927	8.495	0.011	8.288	0.013		0.198	0.016	T	0.22	0.02	L	8.3270	0.0014	0.012	82		8.31	8.35		C			1							S
21928	5.335	0.004	5.304	0.004		0.028	0.005	T	0.04	0.00	L	5.3188	0.0009	0.006	40		5.31	5.34					1 G							S
21929	9.468	0.024	8.101	0.014		1.158	0.022	T	1.12	0.02	L	8.1394	0.0016	0.011	66		8.12	8.16		C			1							
21930	10.581	0.033	9.500	0.022	*	0.935	0.031	T	0.93	0.02	L *	9.5462	0.0021	0.023	107	*	9.51	9.58			04429−4519	H 1	2 C D	AB	43	0.431	0.057	3.29	0.27	D
21931	9.247	0.023	8.955	0.025		0.278	0.032	T	0.32	0.04	L	8.9720	0.0031	0.016	48		8.94	8.99					1							
21932						1.523	0.025	G	2.25	0.19	I	10.0029	0.0042	0.028	51		9.96	10.06					1							G
21933	7.858	0.005	7.535	0.006		0.299	0.015	G	0.34	0.02	H	7.5861	0.0011	0.012	137		7.57	7.60					1							S
21934	11.483	0.067	10.100	0.032		1.197	0.004	G	1.33	0.01	I	10.1099	0.0023	0.021	126		10.07	10.15					1							
21935	8.907	0.013	8.227	0.011		0.642	0.015	G	0.71	0.01	H	8.2828	0.0013	0.010	91		8.27	8.30		C			1							S
21936	9.153	0.018	7.951	0.012		1.029	0.017	T	1.00	0.01	L	8.0174	0.0011	0.009	70		8.00	8.03		C			1							
21937	8.621	0.017	8.110	0.017	*	0.506	0.015	G	0.58	0.02	H *	8.2267	0.0015	0.014	107	*	8.20	8.26		D	04430+5308	I 1	2 C A	AB	314	4.440	0.007	1.96	0.03	
21938	10.482	0.044	8.456	0.016		1.700	0.020	G	1.71	0.09	H	8.3121	0.0018	0.011	54		8.30	8.33		C			1							
21939	9.079	0.012	8.492	0.011		0.540	0.015	G	0.61	0.02	H	8.5582	0.0015	0.016	128		8.53	8.59		C			1							S
21940	7.923	0.005	7.547	0.007		0.356	0.008	T	0.42	0.01	L	7.5991	0.0011	0.012	195		7.58	7.62					1							S
21941	8.497	0.009	7.957	0.008	*	0.506	0.011	T	0.58	0.01	L *	8.0160	0.0011	0.015	146	*	8.00	8.04		D	04430+5712	I 1	2 C A	AB	336	0.304	0.003	0.15	0.04	S
21942	7.819	0.009	6.779	0.006		0.904	0.008	T	0.91	0.01	L	6.8500	0.0007	0.006	66		6.84	6.86		C			1							S
21943	10.709	0.031	9.340	0.016		1.159	0.027	T	1.12	0.02	L	9.3436	0.0025	0.028	151		9.31	9.38					1							
21944	8.205	0.009	8.297	0.011		−0.079	0.013	T	−0.06	0.01	L	8.2955	0.0017	0.013	90		8.28	8.33					1							S
21945	9.748	0.019	8.280	0.011		1.237	0.017	T	1.20	0.02	L	8.3030	0.0013	0.013	118		8.28	8.33		C			1							
21946	11.407	0.116	9.984	0.054		1.122	0.007	G	1.21	0.01	I	10.0231	0.0044	0.021	49		10.00	10.06		C			1							G G
21947	9.153	0.023	8.676	0.022		0.520	0.015	G	0.59	0.02	H	8.7429	0.0023	0.013	59		8.71	8.76		C			1							
21948	9.353	0.013	8.557	0.011	*	0.705	0.013	T	0.76	0.01	L *	8.5722	0.0015	0.020	159	*	8.55	8.62		D	04431−2219	I 1	2 C A	AB	289	0.578	0.003	1.02	0.02	S
21949	5.372	0.003	5.503	0.003		−0.114	0.004	T	−0.10	0.01	L	5.4909	0.0007	0.005	102		5.48	5.50		C			1							S
21950	8.710	0.018	7.405	0.012		1.109	0.017	T	1.07	0.02	L	7.4317	0.0020	0.012	55		7.40	7.46			04431+3356	I 1	1							S
21951	10.686	0.051	8.818	0.017		1.553	0.043	T	1.57	0.04	L	8.7812	0.0015	0.016	81		8.75	8.82					1							
21952	9.651	0.018	9.017	0.016		0.584	0.018	T	0.66	0.02	L	9.0721	0.0015	0.018	108		9.05	9.10					1							
21953	9.293	0.018	8.723	0.017		0.533	0.022	T	0.61	0.02	L	8.7802	0.0015	0.012	73		8.76	8.80					1							
21954	9.087	0.018	8.648	0.018		0.414	0.023	T	0.48	0.03	L	8.7269	0.0021	0.012	65		8.71	8.75					1							S
21955	9.186	0.017	8.928	0.019	*	0.246	0.023	T	0.28	0.03	L *	8.8512	0.0022	0.015	75	*	8.82	8.92		U 2	04431−0725	I 1	2 C A	AB	154	0.773	0.004	0.47	0.02	
21956	9.768	0.020	8.491	0.012		1.087	0.018	T	1.05	0.01	L	8.5303	0.0015	0.019	125		8.50	8.57		D			1							
21957	7.521	0.008	7.398	0.010		0.119	0.012	T	0.13	0.01	L	7.4333	0.0013	0.009	78		7.42	7.45		C			1							S
21958	7.495	0.005	5.823	0.003		1.391	0.004	G	1.37	0.04	E	5.8079	0.0008	0.008	126		5.79	5.82					1							S
21959	10.027	0.022	8.060	0.009		1.631	0.019	T	1.65	0.02	L	7.9610	0.0041	0.042	144		7.91	8.03		U 2			1							S
21960	8.530	0.010	7.695	0.008		0.746	0.002	G	0.79	0.00	H	7.7537	0.0011	0.011	121		7.73	7.78		C			1							S
21961	6.809	0.005	6.211	0.004		0.544	0.003	G	0.51	0.05	E	6.2735	0.0007	0.005	94		6.26	6.29		C			1							S
21962	11.454	0.074	10.443	0.049		0.847	0.015	G	0.89	0.01	H	10.4069	0.0048	0.052	118		10.32	10.48		U			1							
21963	8.816	0.015	8.111	0.013		0.649	0.016	T	0.71	0.01	L	8.1660	0.0018	0.016	96		8.14	8.19		C	04433−0937	I 1	1							S
21964	11.699	0.122	10.289	0.055		1.191	0.105	T	1.15	0.10	L	10.3509	0.0036	0.027	80		10.30	10.39		C			1							G
21965	7.591	0.006	7.156	0.006		0.411	0.008	T	0.48	0.01	L	7.2093	0.0010	0.011	140		7.19	7.23					1 X							S
21966	6.791	0.004	6.540	0.003	*	0.239	0.005	T	0.27	0.01	L *	6.5816	0.0007	0.008	166	*	6.57	6.60		D	04433+5931	I 1	2 C S A	AS	86	0.194	0.004	0.17	0.10	S
21967	9.885	0.021	7.969	0.009		1.591	0.018	T	1.61	0.02	L	7.8557	0.0017	0.017	122		7.83	7.89		U			1							S
21968	10.924	0.052	9.584	0.027		1.136	0.046	T	1.10	0.05	L	9.6199	0.0024	0.018	98		9.59	9.65		C			1 S							
21969	9.346	0.016	7.523	0.007		1.517	0.014	T	1.55	0.02	L	7.4799	0.0012	0.013	108		7.46	7.51		M			1							S
21970	10.540	0.031	10.020	0.031		0.488	0.040	T	0.56	0.04	L	10.0748	0.0025	0.030	159		10.02	10.13					1							G
21971	10.356	0.030	9.215	0.019		0.981	0.028	T	0.96	0.02	L	9.2770	0.0025	0.020	104		9.25	9.32		C			1							
21972	5.871	0.003	5.862	0.003		0.013	0.004	T	0.03	0.00	L	5.8766	0.0008	0.006	105		5.87	5.89			04434+4958	I 1	1							S
21973	10.491	0.055	9.729	0.044		0.714	0.015	G	0.77	0.01	H	9.7796	0.0021	0.016	50		9.75	9.81		D			1							
21974	9.580	0.016	9.250	0.017		0.313	0.022	T	0.36	0.03	L	9.3093	0.0020	0.023	189		9.27	9.35					1							
21975	8.303	0.014	8.180	0.016	*	0.119	0.020	T	0.13	0.02	L *	8.2052	0.0018	0.010	65	*	8.19	8.22			04434+0516	H 1	2 C C	AB	155	0.585	0.042	4.10	0.20	S
21976	8.482	0.014	8.115	0.014		0.376	0.015	G	0.44	0.02	H	8.1678	0.0016	0.010	69		8.15	8.18		C			1 G							S
21977	8.560	0.010	8.285	0.011		0.259	0.015	T	0.29	0.02	L	8.3507	0.0015	0.014	115		8.33	8.38		C			1							S
21978	9.467	0.032	8.798	0.028		0.620	0.036	T	0.69	0.03	L	8.8749	0.0040	0.017	34		8.84	8.91					1							
21979	8.945	0.012	7.338	0.006		1.346	0.011	T	1.31	0.01	L	7.3377	0.0013	0.010	106		7.32	7.35					1							S
21980	10.465	0.053	9.710	0.042	*	0.689	0.054	T	0.75	0.04	L *	9.6057	0.0050	0.024	54	*	9.56	9.66		D	04435+1220	I 1	2 C A	AB	279	1.036	0.009	0.32	0.03	
21981	10.502	0.036	8.751	0.015		1.460	0.031	T	1.47	0.05	L	8.7379	0.0020	0.014	72		8.70	8.76		C			1							
21982	9.277	0.015	7.898	0.009		1.167	0.014	T	1.18	0.02	A	7.9311	0.0015	0.014	125		7.91	7.95					1							S
21983	11.814	0.170	10.244	0.069		1.160	0.015	G	1.26	0.03	I	10.4216	0.0038	0.020	52		10.40	10.45		C			1							G
21984	9.393	0.019	8.590	0.015		0.711	0.018	T	0.77	0.01	L	8.6415	0.0026	0.022	99		8.61	8.69					1							S
21985	10.434	0.026	9.309	0.016		0.969	0.024	T	0.95	0.02	L	9.4183	0.0021	0.022	151		9.38	9.48					1 G							
21986	6.748	0.006	6.048	0.006	*	0.645	0.007	T	0.71	0.01	L *	6.1193	0.0020	0.018	79	*	6.09	6.18		U 2	04436−0848	I 1	2 C B	BA	138	9.287	0.003	0.09	0.02	S
21987	10.798	0.059	10.474	0.069		0.308	0.085	T	0.35	0.12	L	10.5295	0.0031	0.023	54		10.50	10.58		C			1							G
21988	9.137	0.020	8.097	0.014		0.907	0.014	G	0.95	0.01	I	8.1404	0.0014	0.008	59		8.13	8.15		C			1							
21989	9.866	0.021	9.261	0.019		0.564	0.025	T	0.64	0.02	L	9.2874	0.0252	0.198	124		9.14	9.64	1.15	P 1 A			1 S							
21990	10.551	0.033	8.669	0.013		1.564	0.028	T	1.58	0.03	L	8.6261	0.0018	0.018	102		8.60	8.66					1							
21991	11.229	0.058	10.063	0.032		0.950	0.015	G	0.99	0.01	I	10.0966	0.0030	0.026	133		10.05	10.15		C			1 S							
21992	9.302	0.015	8.051	0.009		1.068	0.002	G	1.03	0.00	I	8.1022	0.0013	0.012	110		8.08	8.12		C			1							S
21993	10.959	0.070	10.136	0.053		0.742	0.067	T	0.79	0.05	L	10.2105	0.0044	0.024	48		10.17	10.25		C			1 S							G
21994	10.096	0.026	8.388	0.012		1.426	0.023	T	1.41	0.04	L	8.3990	0.0017	0.013	107		8.37	8.42					1							
21995	8.021	0.006	7.883	0.006		0.133	0.008	T	0.15	0.01	L	7.9058	0.0012	0.014	206		7.88	7.93					1 S							S
21996	10.758	0.067	10.480	0.084		0.264	0.101	T	0.30	0.13	L	10.4962	0.0035	0.026	50		10.45	10.56					1 X							G G
21997	10.158	0.021	8.420	0.010		1.450	0.018	T	1.45	0.03	L	8.3993	0.0019	0.018	133		8.37	8.43					1							
21998	8.151	0.008	6.398	0.004		1.468	0.008	G	1.48	0.01	I	6.3662	0.0009	0.008	122		6.35	6.38					1							S
21999	7.063	0.005	6.659	0.005		0.374	0.008	G	0.44	0.01	H	6.7125	0.0010	0.007	93		6.70	6.73					1							S
22000	8.755	0.011	8.006	0.009	*	0.685	0.011	T	0.74	0.01	L *	7.9384	0.0034	0.246	126	*	7.91	9.08		P 1 A	04438−1041	H 1	2 C A	AB	183	0.642	0.027	3.64	0.21	S D

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
22001		04 43 47.04	−20 21 06.6	7.46		H	70.946 016 76	−20.351 820 67		5.69	−21.36	3.36	0.70	0.64	0.95	0.80	0.81	−22	+26	−26	+29	−30	−1	−33	+21	+2	−36	0	−0.47
22002		04 43 47.75	−12 17 40.0	9.31		H	70.948 959 17	−12.294 447 42		14.63	−4.37	−6.04	0.94	0.83	1.29	1.36	1.14	+4	+17	−25	+16	+20	−16	+11	+48	−32	+4	0	−0.08
22003		04 43 48.27	+32 51 56.0	6.49		H	70.951 136 85	+32.865 567 08		13.89	−45.70	−44.52	1.80	1.27	1.20	4.93	3.73	−19	+37	−2	+74	−21	−5	−23	+79	−1	−36	0	1.48
22004		04 43 49.15	+15 49 53.1	10.58		H	70.954 779 40	+15.831 426 37		3.75	2.13	−40.26	2.02	1.22	2.09	2.78	1.86	+6	+25	−6	−27	+18	+7	+14	+22	−21	+3	0	0.49
22005		04 43 49.18	+03 28 40.4	8.20		H	70.954 901 05	+03.477 899 04		1.22	0.86	−5.28	1.04	0.73	1.21	1.31	1.02	+7	+34	−28	+17	+1	−13	−6	+18	−12	+41	0	0.78
22006		04 43 49.58	−48 19 39.5	6.90		G	70.956 584 58	−48.327 642 21		23.18	4.48	276.59	0.49	0.51	0.56	0.53	0.57	−1	+6	+10	+6	−6	+9	−8	+17	+0	+6	0	0.74
22007		04 43 49.81	−24 46 45.8	8.21		H	70.957 561 05	−24.779 391 04		4.43	0.03	8.65	0.34	0.61	0.91	0.46	0.73	−3	−2	−14	+11	+4	−3	+4	+11	−13	+3	0	−0.32
22008		04 43 50.05	−04 17 57.7	9.04		H	70.958 546 56	−04.299 368 99		2.26	3.94	−1.74	1.10	0.77	1.36	1.06	0.92	−6	+49	−27	+34	+12	−5	+0	+52	−16	+22	4	2.88
22009		04 43 51.17	−72 08 09.2	8.68		H	70.963 224 25	−72.135 896 82		2.20	9.50	2.42	0.77	0.80	0.80	0.87	0.96	+7	+7	+6	−6	+2	−7	+1	−31	−11	+2	2	0.15
22010		04 43 51.92	−07 02 20.2	9.27		H	70.966 340 86	−07.038 954 15		3.43	3.17	3.34	1.19	0.83	1.38	1.15	0.99	−5	+48	−22	+47	−1	+9	−5	+47	−12	+14	0	−0.13
22011		04 43 52.22	+79 45 47.6	8.45		H	70.967 565 07	+79.763 234 87		11.02	−37.36	−25.50	0.55	0.77	0.85	0.56	0.90	+1	+16	+13	+4	−2	−1	−4	−2	−10	+0	0	−0.78
22012		04 43 53.58	+12 41 08.8	9.76		H	70.973 229 52	+12.685 764 93		8.81	−5.09	−67.86	1.98	1.22	2.34	2.48	1.85	+7	+53	−19	−7	+4	−18	−21	+34	−29	+46	6	−0.70
22013		04 43 54.00	+22 56 40.0	6.91		H	70.975 006 13	+22.944 449 92		11.06	−1.12	−16.27	1.06	0.48	1.20	0.80	0.61	+25	+74	+5	−1	+2	−7	−28	+34	−38	+35	0	0.80
22014		04 43 55.99	−14 26 58.3	8.82		H	70.983 300 48	−14.449 517 94		5.19	7.80	−0.62	0.68	0.57	1.08	0.91	0.74	−4	+19	+8	+12	−25	+9	−27	+10	−19	−41	0	−1.07
22015		04 44 01.04	−78 01 17.4	8.57		H	71.004 326 85	−78.021 493 41		4.03	−21.57	−15.24	0.68	0.74	0.74	0.72	1.08	−5	+25	−8	−31	+2	−8	−2	−21	−12	−15	0	−1.58
22016		04 44 02.01	−25 55 07.8	8.28		G	71.008 362 75	−25.918 824 62		6.30	16.38	−31.44	0.46	0.64	0.91	0.56	0.78	−2	+17	−12	−14	+0	+9	+0	+4	−13	−3	0	0.20
22017		04 44 02.20	+55 32 18.4	8.52		H	71.009 170 60	+55.538 434 26		2.38	−2.92	1.49	0.78	0.71	1.11	0.92	0.84	−9	+28	−33	+19	−20	−1	−29	+38	−26	+14	0	0.09
*22018		04 44 03.12	−21 06 25.0	8.27		H	71.013 014 98	−21.106 935 69		5.64	26.18	0.51	0.74	0.73	1.09	0.81	0.84	−12	+12	−21	+1	−33	+12	−35	−1	−9	−50	0	0.44
*22019	H	04 44 03.06	+42 25 07.9	7.51		G	71.012 730 00	+42.418 871 10	A	−0.76	2.62	−4.03	1.32	1.04	1.38	1.31	1.12	+28	+26	−18	−1	−15	+6	−14	−7	−7	+26	1	0.50
22020		04 44 03.54	+52 58 56.4	9.10		H	71.014 734 97	+52.982 334 82		10.76	65.05	−294.98	1.14	1.01	1.41	1.65	1.33	+7	+13	−26	+34	−1	+7	−5	+56	−24	+25	0	0.89
22021		04 44 03.72	+12 59 28.4	7.61		H	71.015 488 81	+12.991 227 69		15.18	3.71	49.45	2.75	1.02	2.09	5.46	2.92	+52	+74	+41	+73	+31	+36	+35	+61	+42	+34	6	−1.54
22022		04 44 04.73	−76 18 20.7	7.74		G	71.019 696 16	−76.305 746 77		9.89	115.18	97.84	0.53	0.59	0.60	0.57	0.80	+0	+23	−6	−9	+3	+0	+0	−18	−11	−5	0	−1.45
22023		04 44 04.95	−31 29 09.8	7.53		H	71.020 611 84	−31.486 062 50		4.46	12.66	−48.60	0.52	0.59	0.77	0.62	0.70	−15	+11	−27	+17	−10	+11	−8	−7	+3	−16	1	−1.67
22024		04 44 05.32	−08 30 12.9	5.78	2	H	71.022 158 47	−08.503 574 25		2.43	4.44	1.51	0.66	0.53	0.82	0.81	0.69	+18	+21	−16	+26	+19	+8	+14	+45	−31	+13	2	−0.76
22025		04 44 06.52	−03 09 59.7	7.89		H	71.027 152 82	−03.166 577 30		3.90	11.53	−2.96	1.10	0.72	1.23	1.48	1.01	+5	+36	+3	+9	+0	+20	+5	+51	−12	−18	0	1.19
22026		04 44 06.70	+20 18 42.9	10.86		H	71.027 904 87	+20.311 916 05		1.75	−12.11	−27.89	2.18	1.29	2.48	2.41	1.72	+27	+49	−8	+5	−3	−13	−20	+32	−35	+36	0	−0.47
22027		04 44 07.26	−16 03 46.6	9.37		H	71.030 236 89	−16.062 958 17		2.45	−8.12	−19.46	0.86	0.83	1.43	1.31	1.19	−2	+13	−19	+19	−29	+17	−31	+3	−10	−32	1	−0.39
22028		04 44 07.95	−18 39 59.6	5.53		H	71.033 124 00	−18.666 543 11		11.06	52.09	−17.64	0.55	0.49	0.78	0.74	0.67	−20	+14	−19	+29	−21	+12	−25	+12	−7	−44	0	−0.13
22029		04 44 10.24	−46 16 04.2	7.91		H	71.042 653 48	−46.267 831 27		4.97	36.97	−7.77	0.58	0.61	0.69	0.66	0.72	−5	+10	−2	+4	−9	+25	−10	+13	−7	−5	0	−0.56
22030		04 44 10.37	−38 42 18.6	9.53		H	71.043 225 97	−38.705 178 58		2.14	5.02	21.06	0.79	0.85	0.99	0.81	0.93	−8	+16	−7	−11	−7	+6	−5	+12	+3	−12	0	−0.30
22031		04 44 10.77	−28 13 57.6	9.61		H	71.044 874 05	−28.232 670 15		16.35	101.55	4.70	1.67	1.99	2.66	1.89	2.35	−5	+19	−14	−11	−5	+6	−5	−14	−6	−3	2	
22032		04 44 11.07	+46 57 56.4	8.77		G	71.046 134 16	+46.965 665 29		20.46	81.38	−121.74	1.29	0.99	1.64	1.38	0.95	−37	+52	−59	+19	−3	−16	−21	+30	−13	−19	0	−0.71
22033		04 44 12.78	+62 04 32.0	10.13		H	71.053 264 24	+62.075 555 77		6.79	61.02	−84.07	1.11	0.97	1.54	1.45	1.26	−20	+1	−2	−27	+6	+1	+7	+17	+3	−23	0	−0.21
22034		04 44 13.01	+40 47 11.4	6.09		H	71.054 213 66	+40.786 510 68		6.02	11.13	−23.13	0.72	0.52	0.95	0.68	0.59	−4	+55	−22	−9	+12	−36	−10	+1	−18	+12	0	1.09
22035		04 44 13.71	+36 10 52.5	8.31		H	71.057 141 84	+36.181 237 49		−0.13	−0.31	−6.66	1.06	0.92	1.23	1.17	0.99	+31	+27	−27	+20	+34	−13	+21	+50	−29	+45	0	−1.16
22036		04 44 15.28	−27 34 40.2	6.76	1	H	71.063 677 24	−27.577 821 97		2.58	16.61	−23.69	0.45	0.54	0.77	0.53	0.67	−7	+17	−17	−28	+3	−4	−3	+2	−24	+0	0	−0.75
22037		04 44 16.43	−52 37 42.0	8.22	1	H	71.068 472 06	−52.628 322 27		8.53	3.30	33.32	0.60	0.58	0.68	0.63	0.66	+3	+7	−13	−6	+8	−6	+10	−13	+10	+21	0	−0.36
22038		04 44 18.13	+60 49 38.5	9.53		H	71.075 536 05	+60.827 362 82		0.25	−11.44	−10.64	0.92	0.91	1.36	1.26	1.16	+7	+7	−12	+29	+16	−27	+13	+56	−5	+8	0	1.12
22039		04 44 19.54	+54 32 13.5	8.86		H	71.081 397 05	+54.537 081 44		3.39	−12.81	−11.64	1.05	0.81	1.20	1.25	0.99	−41	+7	−8	+44	−47	−10	−50	+53	−5	−26	0	1.57
22040		04 44 21.12	−59 43 58.2	5.28	1	H	71.087 996 53	−59.732 840 52		14.66	29.32	44.19	0.51	0.46	0.51	0.64	0.59	−5	+4	−15	−15	+5	−6	+2	+5	+4	+7	0	−2.71
22041		04 44 21.41	+48 10 33.4	6.78		H	71.089 189 65	+48.175 933 58		8.20	30.70	−73.33	0.79	0.64	0.89	0.85	0.71	+16	+26	−10	−13	−2	+6	−4	−7	−9	+24	0	0.82
22042		04 44 22.79	+21 39 27.4	8.27		H	71.094 957 75	+21.657 615 07		8.22	−6.37	−15.67	0.93	0.57	1.01	0.92	0.66	+29	+49	+13	+13	+1	−8	−4	+40	−13	+21	0	0.52
22043		04 44 23.38	−36 27 14.1	8.39		H	71.097 428 13	−36.453 912 13		3.24	−12.99	−6.32	0.56	0.69	0.79	0.59	0.77	−1	+9	−13	−7	−3	+12	−4	+7	−2	+15	1	−0.13
22044		04 44 25.77	+11 08 46.2	5.39		H	71.107 373 23	+11.146 169 33		20.73	98.87	−13.47	0.83	0.56	0.88	1.19	0.86	+8	+26	−6	−11	−7	+19	−4	+3	+8	+10	0	0.75
22045		04 44 28.65	−27 14 44.9	9.13		H	71.119 390 63	−27.245 794 19		1.52	1.26	22.09	0.82	0.91	1.32	0.87	1.10	−8	+20	−10	−36	−5	+5	−5	−1	−4	−9	0	−0.42
22046		04 44 29.10	−27 56 55.9	7.16		H	71.121 231 83	−27.948 862 33		5.65	−2.33	4.33	0.47	0.62	0.81	0.56	0.75	−8	+18	−20	−21	+4	+4	+2	−10	−11	+2	0	−0.16
22047		04 44 32.32	−18 53 47.0	8.63		H	71.134 648 23	−18.896 394 37		6.78	15.12	5.80	0.82	0.77	1.17	1.23	1.21	−27	+12	−5	+17	−27	+14	−23	+30	−9	−58	2	−2.22
22048		04 44 32.37	−53 15 39.3	9.42		H	71.134 863 00	−53.260 930 08		1.29	−0.88	−9.24	0.84	0.85	0.95	0.94	1.14	−3	−3	−18	−10	+11	−8	+9	−6	+14	+27	1	0.74
22049		04 44 32.84	+38 44 58.2	8.72		G	71.136 841 71	+38.749 506 49		2.22	−4.05	−10.57	1.11	0.76	1.26	1.12	0.89	+22	+54	−8	−11	+2	−22	−8	−2	−14	+28	0	0.02
22050	H	04 44 32.97	+39 52 32.0	8.31	2	H	71.137 368 09	+39.875 563 81	*	5.12	34.14	−30.93	6.43	9.57	1.55	1.64	1.58	+84	+11	−5	−14	−7	−11	−20	−17	−23	+49	4	0.97
22051		04 44 33.28	+42 14 34.4	10.22		H	71.138 659 54	+42.242 896 04		0.92	−0.58	−4.99	2.10	1.54	2.24	2.43	1.98	−4	+31	−3	+23	−10	+2	−15	+2	−21	−1	0	−0.78
22052		04 44 33.82	−16 03 54.4	7.54		G	71.140 896 58	−16.065 109 66		21.31	39.74	30.02	0.61	0.54	0.97	0.86	0.71	+4	+19	−28	+16	−32	+22	−33	+3	−9	−32	0	−0.52
22053		04 44 34.51	−51 35 35.1	9.44		H	71.143 802 98	−51.593 089 95		7.16	17.26	15.72	0.90	0.87	0.95	1.08	1.12	−4	−4	+8	+23	−9	+3	−11	+25	−2	+7	0	−2.06
22054		04 44 35.04	+44 46 00.1	7.75		H	71.146 011 82	+44.766 686 69		8.28	4.34	−54.30	0.87	0.86	1.12	1.12	0.92	+27	+3	−55	−23	−27	+18	−21	−22	+26	+51	3	1.16
22055		04 44 35.33	+38 15 17.9	6.74		H	71.147 220 14	+38.254 978 26		13.49	131.60	6.39	1.08	0.70	1.08	2.60	1.31	+5	+53	−13	+24	−37	−8	−47	+18	−24	−33	3	0.29
22056		04 44 36.17	+22 27 24.9	10.09		H	71.150 722 51	+22.456 910 34		6.73	15.84	−18.68	1.80	0.90	2.03	1.62	1.14	+22	+62	+1	−10	−7	−14	−28	+24	−36	+31	0	−0.49
22057		04 44 37.26	−25 41 47.4	8.89		G	71.155 242 08	−25.696 503 05		6.52	−12.79	3.73	0.58	0.79	1.11	0.72	0.93	−9	+20	−25	−29	+9	−3	+3	+18	−13	+1	1	−1.17
22058		04 44 38.84	−01 25 59.5	8.42		H	71.161 816 08	−01.433 200 10		2.63	−8.23	−4.43	1.17	1.03	1.28	1.33	1.25	+40	+19	+1	+60	+39	−15	+40	+82	−7	+37	2	0.86
22059		04 44 41.78	−37 07 15.6	9.54		H	71.174 098 63	−37.121 003 10		32.87	−49.66	−134.73	2.02	2.22	2.66	2.22	2.55	−9	+24	−14	+1	−13	+13	−14	−4	−10	−5	3	
22060		04 44 41.93	+25 56 09.8	10.13		G	71.174 710 85	+25.936 065 35		7.82	202.15	−25.81	2.06	1.23	1.99	2.42	1.59	+49	+25	−6	−54	−43	+19	−48	−40	−18	+54	0	−1.22
22061		04 44 42.16	+00 34 05.4	7.22		H	71.175 656 93	+00.568 171 95		2.94	−44.89	−29.28	0.74	0.57	0.86	0.77	0.67	+12	+36	−15	+44	+26	−4	+16	+69	−17	+26	0	0.37
22062	H	04 44 42.99	−47 24 42.0	8.33		G	71.179 113 00	−47.411 656 73	A	16.14	249.32	−63.47	0.88	0.89	0.87	0.85	0.89	−2	−11	+13	−20	−18	−11	−19	+13	−2	+3	2	0.41
22063		04 44 44.74	+14 37 36.6	8.08		H	71.186 399 36	+14.626 837 21		11.12	11.98	−14.65	0.95	0.66	0.98	1.21	0.93	+5	+23	−13	+26	+3	+9	+2	+42	+1	+17	0	0.34
22064		04 44 46.33	−20 00 50.9	8.62		H	71.193 023 03	−20.014 129 26		15.11	50.39	46.37	0.94	0.82	1.18	1.16	1.10	−32	+21	−20	+30	−26	+3	−23	+30	+10	−37	0	−0.85
22065		04 44 47.07	−26 46 06.2	8.03		H	71.196 129 48	−26.768 377 24		3.35	−8.84	5.68	0.50	0.67	0.93	0.59	0.82	−4	+22	−15	−27	−8	+5	−5	−13	+0	−15	0	−0.87
22066		04 44 47.70	−51 16 42.0	8.18		H	71.198 739 50	−51.278 338 15		11.12	−60.71	−91.47	0.63	0.64	0.68	0.80	0.80	−5	−9	−1	+24	−8	+3	−8	+24	+0	−1	0	−0.27
22067	H	04 44 48.24	+05 17 22.3	8.09		H	71.200 996 61	+05.289 538 34	A	23.43	−116.07	−43.76	2.70	1.72	2.55	2.36	1.80	+9	+29	−19	+7	−4	+3	−8	+18	−31	+15	3	0.96
22068		04 44 48.44	−32 52 36.1	9.85		G	71.201 837 14	−32.876 703 08		5.97	353.17	−190.55	0.93	1.02	1.32	1.12	1.27	−8	−5	−23	+35	−11	+9	−6	−3	+7	+1	2	2.04
22069		04 44 48.50	−44 33 07.7	7.75		H	71.202 068 72	−44.552 137 84		2.43	7.78	−18.46	0.57	0.57	0.65	0.63	0.65	−6	+20	−5	−10	−8	−2	−8	−7	+0	−10	0	−0.52
22070		04 44 49.50	−43 01 03.7	9.27		H	71.206 233 79	−43.017 703 95		2.32	−1.30	−6.92	0.81	0.88	1.00	1.12	1.10	−16	+2	−1	−3	−3	+12	−3	−7	−23	−17	0	0.20
22071		04 44 51.07	−63 46 45.8	9.01		H	71.212 790 26	−63.779 389 46		2.37	−2.65	−39.21	0.73	0.74	0.80	0.64	0.87	+2	+14	−2	−40	+17	−1	+15	−3	+8	+27	0	−0.37
22072		04 44 51.40	−64 58 34.2	8.95		H	71.214 148 71	−64.976 176 05		3.25	13.77	−17.23	0.74	0.76	0.77	0.62	0.95	−6	+14	+2	−40	+29	−1	+31	+7	−2	+12	0	0.26
22073		04 44 53.02	−46 23 47.8	9.31		H	71.220 905 49	−46.396 609 00		11.60	−28.85	63.00	0.78	0.79	0.90	0.82	0.88	−5	+11	−7	+5	−12	+23	−13	+10	−12	−3	1	−1.21
22074		04 44 53.59	+43 29 59.1	11.32		H	71.223 310 18	+43.499 736 55		−3.17	−5.73	−6.70	2.72	2.39	3.31	4.04	3.22	+27	+14	−29	+19	+2	+10	+10	+21	+32	+38	0	0.07
22075		04 44 55.07	+52 20 22.9	6.88		H	71.229 474 13	+52.339 683 57		5.03	−12.38	−3.36	0.71	0.58	0.87	0.96	0.70	+5	−3	−23	+29	−14	+2	−11	+55	−28	+5	0	−0.84
22076		04 44 55.55	−20 16 25.7	8.12		H	71.231 439 17	−20.273 806 91		2.90	3.61	12.02	0.78	0.77	1.11	0.95	0.94	−24	+16	−15	+29	−42	+3	−44	+20	+2	−55	1	−0.54
22077		04 44 55.85	−63 18 34.8	8.90		H	71.232 712 11	−63.309 664 15		4.16	17.20	15.93	0.76	0.76	0.82	0.68	0.87	+2	+25	−9	−36	+12	−13	+10	−8	+1	+22	0	−0.37
22078		04 44 56.06	+01 36 19.0	8.84		H	71.233 563 09	+01.605 283 57		4.07	−8.19	−20.39	0.98	0.83	1.10	1.20	1.03	+25	+7	−22	+41	+38	−14	+35	+75	−25	+26	0	−0.49
22079	H	04 44 56.20	+56 18 00.6	9.94		H	71.234 163 48	+56.300 160 25	A	−0.13	−5.59	−7.23	1.78	1.56	2.55	1.74	1.67	−43	+28	−46	−4	−12	+7	−31	+54	−50	−12	1	−0.27
22080		04 44 57.84	+59 52 38.0	9.11		H	71.240 979 32	+59.877 233 75		1.35	0.37	−0.04	0.72	0.68	1.24	0.79	0.78	+1	+28	−22	+10	+17	−11	+10	+44	−17	+10	3	0.03
22081		04 44 57.91	−63 13 46.9	6.46		G	71.241 306 44	−63.229 707 60		7.15	−9.57	−3.01	0.49	0.50	0.53	0.46	0.56	−5	+20	−7	−29	+12	−9	+12	−2	+3	+4	1	−0.93
22082		04 44 58.82	−56 17 40.6	7.89		H	71.245 099 62	−56.294 618 97		3.29	0.26	−46.82	0.64	0.62	0.66	0.78	0.81	+6	−6	−4	+5	−12	+4	−14	+14	−1	+18	0	−1.16
22083		04 45 02.72	−62 29 35.8	8.95		H	71.261 337 88	−62.493 268 50		0.69	25.36	28.90	0.73	0.77	0.80	0.76	1.00	−10	+11	−6	−19	+2	−6	+4	+6	+22	−7	0	−0.43
22084		04 45 03.96	+05 52 18.2	8.49		H	71.266 495 33	+05.871 719 59		5.89	17.51	−17.30	1.06	0.68	1.30	1.16	0.93	+23	+49	−10	−16	+3	−19	−19	+10	−38	+47	0	−0.83
22085		04 45 04.09	+09 29 16.7	8.28		H	71.267 057 93	+09.487 980 17		1.01	1.17	−10.16	1.10	0.81	1.37	1.42	1.22	+32	+33	−24	+15	+35	−28	+8	+55	−44	+60	0	−0.13
22086		04 45 04.15	−21 17 00.0	5.72		G	71.267 294 43	−21.283 341 13		5.20	16.86	−17.14	0.49	0.45	0.69	0.51	0.54	−7	+23	−10	−1	−30	+3	−34	+0	−15	−40	1	0.51
22087		04 45 07.67	−33 01 52.8	8.09		H	71.281 975 11	−33.031 332 34		12.20	14.38	32.51	0.57	0.70	0.89	0.66	0.97	−2	+5	−30	+18	−12	+21	−7	+11	−4	+15	3	−2.26
22088	H	04 45 07.71	−68 01 16.8	8.04		G	71.282 145 09	−68.021 332 59	*	8.70	40.09	68.50	0.60	0.68	0.65	0.71	0.89	−9	+10	−6	+10	−9	−2	−11	+33	−16	−8	0	−2.31
22089		04 45 08.11	−30 56 28.3	8.70		G	71.283 796 47	−30.941 184 91		4.20	4.52	14.82	0.61	0.70	0.91	0.70	0.87	−12	+1	−21	+8	−14	+10	−13	−1	+4	−13	0	−0.86
22090		04 45 08.23	+80 51 09.8	7.88		H	71.284 289 37	+80.852 715 44		3.19	10.83	−18.48	0.55	0.64	0.78	0.58	0.78	−5	+33	+11	+2	+3	+19	+1	+4	+3	+0	1	1.82
22091		04 45 09.67	+37 16 38.2	9.44		H	71.290 311 93	+37.277 268 55		6.75	−29.43	−14.48	1.58	1.17	2.16	1.47	1.10	−14	+54	−56	−6	+10	−13	−10	+17	−23	+39	0	0.58
22092		04 45 12.32	+35 09 29.6	7.85		G	71.301 342 30	+35.158 216 61		11.54	−0.68	−20.37	0.95	0.72	1.13	1.05	0.84	+11	+37	−32	−5	+7	+1	−3	+21	−11	+51	0	0.85
22093		04 45 14.56	+79 39 24.8	6.67		H	71.310 686 87	+79.656 896 78		6.55	−7.17	11.47	0.42	0.52	0.61	0.43	0.62	+5	+26	+22	−1	+5	+2	+3	−15	−12	+7	0	1.63
22094		04 45 14.77	+61 39 22.7	8.10		H	71.311 530 53	+61.656 295 09		3.38	−6.41	−6.19	0.69	0.63	1.03	0.85	0.80	−15	+10	−1	+2	−9	−10	−7	+35	+0	−23	0	−0.75
22095		04 45 17.26	+42 26 37.6	9.80		G	71.321 919 72	+42.443 773 73		−2.30	−3.03	−3.91	1.65	1.20	1.91	1.73	1.37	−3	+42	−24	−4	+2	−7	−4	−1	−11	+12	0	0.48
22096		04 45 18.23	+24 24 36.5	9.05		H	71.325 944 50	+24.410 137 56		5.80	−15.08	−2.11	1.06	0.70	1.11	1.37	0.92	+21	+18	−3	+20	−4	+4	−6	+46	+6	+32	0	0.93
22097		04 45 18.58	−26 02 20.8	8.32		H	71.327 404 02	−26.039 107 74		3.36	5.77	1.85	0.54	0.72	1.02	0.67	1.01	−6	+31	−14	−28	+8	−12	+3	−10	−13	−1	0	−0.47
22098	H	04 45 19.12	+63 40 02.3	9.19		H	71.329 659 88	+63.667 313 77	A	3.22	−1.89	0.41	1.31	1.24	1.77	1.43	1.37	−22	−10	+21	−27	+36	+17	+27	−6	+12	+2	0	−0.75
22099		04 45 19.78	+02 38 11.3	8.18		H	71.332 423 58	+02.636 467 53		3.16	−6.94	−24.79	1.17	0.66	1.33	1.26	0.82	−17	+49	−26	+37	+3	+1	−11	+64	−31	−10	0	2.15
22100		04 45 19.86	−02 40 25.0	9.39		H	71.332 768 26	−02.673 602 10		3.69	3.46	6.11	1.66	0.98	1.82	2.42	1.41	−17	+40	−5	+17	−11	+29	−15	+43	−31	−40	0	−0.94

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55 56-7	58-61	62	63	64	65	66	67	68-70
22001	8.727	0.010	7.565	0.007		0.997	0.010	T	0.98	0.01	L	7.6247	0.0012	0.014	119		7.60	7.65				1							S
22002	10.267	0.033	9.391	0.025		0.767	0.032	T	0.81	0.02	L	9.4460	0.0024	0.018	91		9.42	9.47				1							
22003	6.843	0.010	6.533	0.008		0.311	0.014	G	0.36	0.02	H	6.5694	0.0013	0.007	33		6.55	6.58				1 G							S
22004						0.653	0.155	G	0.72	0.14	R	10.7166	0.0038	0.026	53		10.68	10.77		C		1							G
22005	9.703	0.022	8.319	0.013		1.171	0.020	T	1.13	0.02	L	8.3653	0.0018	0.014	77		8.33	8.39		C		1							
22006	7.505	0.006	6.942	0.005		0.498	0.004	G	0.57	0.00	H	7.0149	0.0008	0.009	107		7.00	7.03		C		1							S
22007	8.507	0.006	8.233	0.007		0.261	0.009	T	0.29	0.01	L	8.2856	0.0011	0.018	273		8.26	8.32				1							
22008	9.367	0.018	9.083	0.020		0.270	0.025	T	0.30	0.03	L	9.1155	0.0020	0.013	69		9.09	9.14		C		1							
22009	10.462	0.035	8.816	0.016		1.377	0.030	T	1.35	0.04	L	8.8233	0.0019	0.017	105		8.80	8.86		C		1							
22010	9.372	0.018	9.275	0.022		0.095	0.027	T	0.11	0.03	L	9.3077	0.0017	0.016	72		9.28	9.34		D		1							
22011	8.990	0.011	8.507	0.010		0.455	0.014	T	0.52	0.01	L	8.5515	0.0013	0.014	134		8.51	8.57		C		1							
22012	10.554	0.061	9.778	0.053		0.706	0.063	T	0.76	0.05	L	9.8995	0.0042	0.026	53		9.85	9.94		C		1							
22013	6.925	0.006	6.915	0.007		0.014	0.008	T	0.03	0.01	L	6.9245	0.0011	0.006	79		6.91	6.94		C		1							S
22014	10.365	0.022	8.947	0.012		1.198	0.020	T	1.16	0.02	L	8.9884	0.0013	0.021	211		8.95	9.02		D		1							
22015	8.694	0.011	8.574	0.013		0.109	0.016	T	0.12	0.02	L	8.6147	0.0021	0.013	89		8.60	8.64		C		1							
22016	8.793	0.008	8.331	0.007		0.465	0.015	G	0.54	0.02	H	8.3814	0.0015	0.018	214		8.35	8.41				1							S
22017	8.551	0.010	8.495	0.012		0.056	0.015	T	0.07	0.01	L	8.5393	0.0016	0.015	109		8.51	8.57				1							
22018	9.516	0.015	8.378	0.010		0.979	0.014	T	0.96	0.01	L	8.4358	0.0015	0.017	134		8.41	8.47				1							
22019	7.812	0.012	7.552	0.013	*	0.310	0.015	G	0.36	0.02	H *	7.6103	0.0016	0.010	46	*	7.59	7.63		D	04441+4225 I 1	2 C A	AB	23	5.651	0.015	2.74	0.06	S
22020	9.935	0.024	9.208	0.020		0.667	0.025	T	0.73	0.02	L	9.2343	0.0036	0.024	98		9.20	9.28				1							
22021	8.112	0.011	7.659	0.013		0.442	0.018	G	0.51	0.02	H	7.7070	0.0016	0.006	45		7.69	7.72		C		1 G							S
22022	8.358	0.011	7.815	0.010		0.513	0.000	G	0.59	0.00	H	7.8551	0.0010	0.009	102		7.84	7.88				1							S
22023	8.762	0.010	7.638	0.007		0.968	0.010	T	0.95	0.01	L	7.6926	0.0012	0.013	141		7.66	7.71		C		1							S
22024	5.678	0.006	5.767	0.005		−0.076	0.007	T	−0.06	0.01	L	5.7567	0.0041	0.029	85		5.72	5.82		U 2 C		1							S
22025	9.149	0.021	7.999	0.014		0.988	0.020	T	0.97	0.02	L	8.0526	0.0012	0.012	71		8.03	8.08		D		1 S							
22026						0.655	0.107	G	0.72	0.10	R	10.9922	0.0048	0.035	71		10.94	11.04		C		1							G
22027	10.641	0.034	9.493	0.021		0.986	0.031	T	0.97	0.03	L	9.5278	0.0024	0.024	136		9.48	9.57		C		1							
22028	5.565	0.003	5.530	0.003		0.025	0.003	G	0.04	0.00	H	5.5474	0.0005	0.005	104		5.54	5.56				1							S
22029	9.339	0.015	8.048	0.009		1.098	0.014	T	1.06	0.01	L	8.0761	0.0013	0.014	118		8.05	8.10				1							S
22030	10.825	0.041	9.673	0.024		0.990	0.037	T	0.97	0.03	L	9.6932	0.0022	0.021	122		9.65	9.73		C		1							
22031	10.671	0.033	9.676	0.022		0.859	0.031	T	0.87	0.02	L	9.7550	0.0022	0.030	156		9.71	9.81				1 X							
22032	9.584	0.025	8.821	0.021		0.700	0.015	G	0.75	0.01	H	8.9194	0.0018	0.013	62		8.90	8.94				1							
22033	10.808	0.048	10.143	0.042		0.616	0.054	T	0.68	0.05	L	10.2569	0.0028	0.027	109		10.22	10.31				1							G
22034	6.137	0.005	6.099	0.005		0.040	0.007	T	0.06	0.01	L	6.1124	0.0010	0.006	54		6.10	6.13				1 G							S
22035	10.518	0.051	8.515	0.019		1.660	0.043	T	1.68	0.04	L	8.4148	0.0025	0.015	49		8.39	8.45		C		1							
22036	8.697	0.014	6.899	0.007		1.497	0.012	T	1.52	0.02	L	6.8812	0.0011	0.012	158		6.86	6.90		M		1							S
22037	8.590	0.010	8.262	0.010		0.316	0.015	T	0.36	0.02	L	8.2973	0.0022	0.018	107		8.27	8.33		U		1							S
22038	11.206	0.051	9.654	0.022		1.303	0.044	T	1.26	0.05	L	9.6920	0.0029	0.031	132		9.62	9.74				1							G
22039	10.191	0.025	8.951	0.015		1.058	0.023	T	1.02	0.02	L	9.0247	0.0015	0.016	115		9.00	9.07				1							
22040	5.518	0.003	5.302	0.004		0.206	0.005	T	0.23	0.01	L	5.3404	0.0017	0.010	91		5.32	5.36		U 2		1							S
22041	8.443	0.014	6.934	0.012		1.269	0.014	T	1.23	0.01	L	6.9346	0.0015	0.008	50		6.92	6.95		C		1							S
22042	8.536	0.011	8.302	0.012		0.223	0.015	T	0.25	0.02	L	8.3423	0.0016	0.011	83		8.33	8.36		C		1							
22043	9.818	0.017	8.497	0.010		1.122	0.015	T	1.08	0.02	L	8.5559	0.0016	0.016	144		8.54	8.59				1							
22044	5.696	0.003	5.415	0.004		0.251	0.001	G	0.30	0.03	C	5.4592	0.0005	0.004	53		5.45	5.47		C	04445+1109 I 1	1							S
22045	10.878	0.036	9.262	0.016		1.353	0.031	T	1.32	0.04	L	9.2798	0.0030	0.029	164		9.22	9.33				1							
22046	8.350	0.008	7.275	0.005		0.931	0.007	T	0.93	0.01	L	7.3228	0.0009	0.009	165		7.31	7.34				1							S
22047	9.137	0.015	8.713	0.015		0.414	0.017	T	0.48	0.02	L	8.7258	0.0022	0.018	104		8.70	8.77		C		1							
22048	10.979	0.045	9.560	0.023		1.198	0.040	T	1.16	0.04	L	9.5809	0.0032	0.021	102		9.55	9.61				1							
22049	9.058	0.019	8.748	0.021		0.310	0.015	G	0.36	0.02	H	8.8148	0.0021	0.012	54		8.80	8.84		C		1							
22050	8.965	0.020	8.421	0.019	*	0.510	0.025	T	0.58	0.03	L *	8.4247	0.0365	0.146	43	*	8.30	8.65	0.72	P 1 A	04445+3953 M 1	2 C A	AB	194	0.206	0.010	0.85	0.10	
22051	12.112	0.230	10.341	0.068		0.753	0.126	G	0.80	0.09	R	10.3627	0.0071	0.041	52		10.31	10.43				1							G
22052	8.148	0.007	7.608	0.008		0.541	0.015	G	0.61	0.02	H	7.6525	0.0011	0.012	139		7.63	7.68		C		1							S
22053	9.933	0.025	9.462	0.025		0.457	0.028	T	0.53	0.03	L	9.5381	0.0023	0.020	90		9.51	9.57		C		1							
22054	8.048	0.012	7.769	0.011		0.263	0.017	T	0.30	0.02	L	7.8237	0.0015	0.011	50		7.80	7.84				1							S
22055	7.710	0.010	6.839	0.006		0.778	0.009	T	0.81	0.01	L	6.8832	0.0010	0.010	56		6.87	6.90				1 G							S
22056	10.786	0.049	10.148	0.045		0.593	0.058	T	0.66	0.05	L	10.2121	0.0030	0.023	81		10.18	10.25		C		1							G
22057	9.276	0.011	8.894	0.012		0.362	0.015	T	0.42	0.02	L	8.9684	0.0015	0.018	208		8.93	9.00		C		1							
22058	9.418	0.018	8.501	0.013		0.812	0.017	T	0.84	0.01	L	8.5700	0.0018	0.017	83		8.55	8.62				1							S
22059	10.943	0.040	9.679	0.022		0.950	0.015	G	0.99	0.01	I	9.6809	0.0023	0.025	135		9.64	9.74				1 X S							
22060	10.874	0.080	10.309	0.081		0.610	0.015	G	0.68	0.01	H	10.2437	0.0032	0.020	56		10.21	10.29		C		1							G
22061	6.985	0.006	7.171	0.007		−0.173	0.007	G	−0.18	0.01	H	7.1531	0.0007	0.007	94		7.14	7.17				1							S
22062	9.040	0.013	8.423	0.012	A	0.606	0.006	G	0.68	0.01	H *	8.4692	0.0015	0.013	120	*	8.44	8.50		C	04447−4725 H 1	2 C C	AB	161	1.124	0.052	4.09	0.20	S
22063	8.604	0.015	8.132	0.015		0.470	0.015	G	0.54	0.02	H	8.1851	0.0020	0.011	58		8.17	8.20		C		1							S
22064	9.469	0.017	8.656	0.014		0.718	0.017	T	0.77	0.01	L	8.7609	0.0027	0.025	109		8.72	8.80				1							
22065	9.201	0.011	8.118	0.008		0.955	0.003	G	0.91	0.02	A	8.1869	0.0014	0.017	169		8.16	8.21				1							
22066	8.770	0.011	8.231	0.010		0.526	0.015	G	0.60	0.02	H	8.2919	0.0020	0.015	101		8.27	8.32		C		1							S
22067	8.987	0.022	8.001	0.016	*	0.864	0.020	T	0.88	0.01	L *	8.2512	0.0042	0.022	69	*	8.22	8.28		R	04448+0517 I 1	2 C A	AB	281	4.627	0.005	0.14	0.02	S
22068	10.416	0.032	9.906	0.033		0.438	0.002	G	0.51	0.00	H	9.9541	0.0028	0.030	121		9.90	10.01				1							
22069	9.652	0.018	7.914	0.008		1.450	0.016	T	1.45	0.03	L	7.8885	0.0013	0.014	120		7.87	7.92				1							
22070	10.755	0.041	9.407	0.023		1.143	0.037	T	1.11	0.03	L	9.4365	0.0021	0.018	103		9.40	9.48		C		1							
22071	10.339	0.029	9.141	0.018		1.025	0.027	T	1.00	0.02	L	9.1763	0.0026	0.018	102		9.15	9.21				1							
22072	10.273	0.032	9.064	0.019		1.042	0.003	G	1.01	0.00	H	9.1132	0.0015	0.018	98		9.08	9.14				1							
22073	10.125	0.028	9.398	0.023		0.653	0.027	T	0.72	0.02	L	9.4429	0.0021	0.020	105		9.41	9.48		C		1							
22074											T	11.4711	0.0080	0.042	42		11.41	11.55		C		1							G
22075	7.021	0.005	6.901	0.007		0.116	0.008	T	0.13	0.01	L	6.9198	0.0013	0.008	99		6.90	6.93		C		1							S
22076	10.292	0.026	8.310	0.010		1.643	0.022	T	1.67	0.02	L	8.2262	0.0019	0.017	128		8.19	8.26				1							
22077	10.424	0.032	9.014	0.017		1.191	0.028	T	1.15	0.03	L	9.0664	0.0021	0.016	101		9.04	9.10				1							
22078	9.753	0.020	8.898	0.016		0.766	0.019	T	0.81	0.01	L	8.9911	0.0013	0.014	97		8.96	9.01		C		1							
22079	10.415	0.036	10.023	0.041	A	0.305	0.155	G	0.35	0.21	R *	10.0142	0.0019	0.025	118	*	9.98	10.06		D	04449+5618 H 1	2 C D	AB	166	1.583	0.041	2.93	0.18	G D
22080	9.331	0.014	9.121	0.016		0.201	0.020	T	0.22	0.02	L	9.1788	0.0016	0.016	148		9.14	9.20		C		1							
22081	7.851	0.009	6.591	0.005		1.077	0.001	G	1.02	0.04	E	6.6320	0.0010	0.009	99		6.62	6.65		C		1							S
22082	9.255	0.014	8.012	0.009		1.061	0.013	T	1.03	0.01	L	8.0525	0.0014	0.012	99		8.03	8.08		C		1							S
22083	10.945	0.049	9.080	0.018		1.550	0.041	T	1.62	0.06	L	9.0735	0.0019	0.016	101		9.04	9.09		C		1							
22084	8.859	0.016	8.535	0.016		0.308	0.021	T	0.35	0.03	L	8.5663	0.0018	0.010	69		8.55	8.59		C		1							
22085	10.387	0.037	8.494	0.015		1.572	0.032	T	1.59	0.03	L	8.3928	0.0021	0.013	65		8.37	8.42		C		1							
22086	7.642	0.006	5.872	0.003		1.476	0.002	G	1.49	0.00	H	5.8437	0.0008	0.009	142		5.83	5.87				1							S
22087	8.637	0.011	8.139	0.010		0.483	0.015	G	0.55	0.02	H	8.1972	0.0012	0.013	128		8.17	8.22				1							S
22088	8.603	0.010	8.094	0.010	*	0.496	0.015	G	0.57	0.02	H *	8.1404	0.0015	0.012	109	*	8.12	8.17		D	04451−6801 I 1	2 C S A	AB	295	0.163	0.005	0.21	0.22	S
22089	9.139	0.015	8.746	0.015		0.383	0.015	G	0.45	0.02	H	8.7868	0.0018	0.016	126		8.76	8.81		C		1							
22090	9.202	0.014	7.984	0.009		1.041	0.013	T	1.01	0.01	L	8.0457	0.0014	0.012	130		8.03	8.07		C		1							S
22091	10.115	0.044	9.564	0.041		0.516	0.054	T	0.59	0.06	L	9.5547	0.0021	0.016	43		9.53	9.59		C		1							G
22092	8.337	0.012	7.886	0.012		0.438	0.015	G	0.51	0.02	H	7.9490	0.0017	0.012	53		7.93	7.98		C		1							S
22093	6.679	0.003	6.667	0.004		0.016	0.005	T	0.04	0.01	L	6.6871	0.0006	0.007	133		6.67	6.70				1							S
22094	10.550	0.032	8.375	0.010		1.797	0.027	T	1.82	0.03	L	8.1980	0.0019	0.019	128		8.17	8.23				1 S							
22095	11.792	0.165	9.922	0.051		1.481	0.026	G	1.50	0.04	H	9.9657	0.0034	0.022	47		9.93	10.01		C		1							G
22096	9.537	0.018	9.057	0.018		0.464	0.020	T	0.53	0.02	L	9.1515	0.0014	0.019	91		9.12	9.19		C		1							
22097	10.374	0.021	8.488	0.008		1.567	0.018	T	1.59	0.02	L	8.4380	0.0014	0.017	195		8.41	8.47				1 G							
22098	9.404	0.013	9.226	0.015	*	0.171	0.019	T	0.19	0.02	L *	9.2536	0.0018	0.022	165	*	9.21	9.30		D	04453+6340 I 1	2 C A	AB	249	0.696	0.008	2.07	0.05	
22099	9.311	0.017	8.271	0.012		0.904	0.016	T	0.91	0.01	L	8.3435	0.0011	0.009	88		8.33	8.36				1							
22100	9.747	0.025	9.435	0.028		0.296	0.035	T	0.34	0.05	L	9.4600	0.0032	0.021	55		9.42	9.50				1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
*22101	H	04 45 26.24	−80 38 28.9	8.18		G	71.359 323 17	−80.641 371 33	A	8.58	18.44	52.77	1.92	2.08	1.81	2.06	2.24	−22	+27	−18	−37	−7	+0	−8	−55	−1	−12	24	1.83
*22102		04 45 22.41	−72 30 08.3	8.77		H	71.343 377 63	−72.502 302 99		0.33	13.94	16.98	0.71	0.74	0.77	0.81	1.02	+8	+13	+9	+0	+4	+7	+2	−13	−16	+6	3	1.90
*22103		04 45 23.23	−41 57 43.4	9.30		H	71.346 773 10	−41.962 047 24		3.04	−5.40	−8.02	0.82	0.85	0.99	0.87	1.02	−3	+9	+9	−13	+1	+3	+0	−4	−10	−5	0	−0.95
22104		04 45 26.88	+49 34 29.2	8.63		H	71.361 982 09	+49.574 766 27		5.82	−4.81	0.65	1.09	0.83	1.24	1.31	0.97	+7	+20	−35	+6	−34	+10	−39	+46	−31	+20	0	1.76
22105		04 45 27.74	+19 20 57.0	9.32		G	71.365 563 25	+19.349 167 14		9.08	132.08	−123.92	1.74	1.04	1.79	2.09	1.77	+41	+49	+0	−24	−2	+2	−22	+14	−1	+78	0	0.20
22106		04 45 27.74	+47 28 35.2	7.26		H	71.365 576 91	+47.476 434 76		8.58	14.67	−10.05	0.95	0.71	1.17	1.06	0.81	−9	+48	−30	−5	+19	−17	+19	+12	+8	−7	0	1.21
22107		04 45 28.39	−51 58 46.5	8.95		H	71.368 279 30	−51.979 576 76		−0.47	−0.57	−5.71	0.81	0.77	0.89	0.93	0.98	+8	−12	−9	−10	−14	+21	−15	−3	+16	+14	1	0.33
22108		04 45 28.76	+30 16 54.4	9.44		G	71.369 832 22	+30.281 784 36		2.33	1.33	−6.29	1.31	1.07	1.70	1.50	1.09	+5	+23	−50	−1	+21	−7	+9	+36	−30	+29	0	1.91
22109		04 45 30.14	−03 15 16.6	4.01	1	H	71.375 587 64	−03.254 624 65		6.13	17.27	−13.51	0.88	0.57	1.03	1.31	0.80	−20	+31	−4	+4	+5	+31	+9	+38	−23	−51	0	−1.31
22110		04 45 30.19	+59 52 19.1	7.89		H	71.375 794 65	+59.871 980 80		3.64	3.42	−20.14	0.59	0.58	0.99	0.65	0.68	+5	+28	−19	+10	+17	−10	+12	+52	−15	+10	0	0.85
22111		04 45 32.33	−05 33 01.3	9.63		H	71.384 701 30	−05.550 369 73		1.86	0.62	−1.59	1.16	0.93	1.32	1.38	1.20	+14	+37	−8	+35	+16	+7	+14	+50	−3	+23	0	−1.44
22112		04 45 34.69	+19 19 41.9	8.39	2	H	71.394 524 47	+19.328 300 16		1.66	0.25	1.18	1.27	0.76	1.33	1.57	1.31	+36	+47	−5	−23	−1	−1	−24	+18	−5	+76	0	1.62
22113		04 45 34.76	−17 19 01.8	8.97		H	71.394 848 80	−17.317 160 19		2.67	−1.57	7.62	0.83	0.77	1.40	1.13	1.17	−4	+24	−9	+0	−4	+27	−7	+10	−35	−28	0	0.20
22114		04 45 34.98	−42 33 15.6	7.62		H	71.395 744 18	−42.554 343 86		7.68	−0.98	19.59	0.56	0.58	0.68	0.63	0.72	−3	+8	−5	−8	+1	+9	+0	+0	−16	+0	0	0.89
*22115		04 45 35.14	+37 44 17.1	9.27		H	71.396 422 99	+37.738 093 90		4.01	28.10	−25.16	1.41	1.07	1.69	1.61	1.23	+9	+43	−35	−8	+3	+7	+1	+10	−4	+40	0	−1.20
*22116		04 45 35.14	−53 25 51.3	9.79		H	71.396 412 24	−53.430 917 17		10.04	29.43	1.75	0.92	0.91	1.04	1.02	1.10	+1	−8	−25	−26	+6	+1	+6	−27	+20	+32	0	−0.63
22117		04 45 35.20	+30 57 29.0	10.43		H	71.396 652 29	+30.958 052 37		4.72	16.81	−17.91	1.59	1.32	1.80	1.64	1.39	+21	+34	−25	+5	+23	+2	+20	+21	−7	+36	0	−0.96
22118		04 45 36.28	+21 27 37.6	9.93		H	71.401 158 48	+21.460 431 65		7.82	16.06	37.45	1.30	0.86	1.41	1.51	1.07	+31	+32	+3	+19	+9	−14	+3	+47	−18	+32	0	0.66
22119		04 45 37.08	+69 49 23.2	8.03		H	71.404 508 76	+69.823 121 32		4.37	−16.64	−17.39	0.40	0.75	0.94	0.43	0.94	−22	+13	−16	−9	+0	−2	+3	−1	+17	−28	1	0.49
22120		04 45 37.52	−30 39 45.5	8.98		H	71.406 317 18	−30.662 646 87		0.40	−1.62	7.21	0.68	0.83	1.09	0.77	1.01	−17	+8	−21	+10	−14	+23	−9	+8	+11	−13	0	0.58
22121		04 45 38.98	−43 53 49.8	8.89		H	71.412 411 47	−43.897 164 49		33.68	139.77	20.87	0.72	0.83	0.87	0.84	0.98	−18	+21	−5	+2	−15	+2	−14	+13	−4	−27	0	−0.21
22122		04 45 38.99	−50 04 24.3	7.58		G	71.412 438 63	−50.073 410 40		48.90	−445.81	−337.31	0.57	0.58	0.64	0.59	0.66	−4	+18	+8	+11	−13	+4	−11	+11	+14	−10	1	1.17
22123		04 45 40.33	−28 39 31.9	8.07		H	71.418 029 84	−28.658 872 07		4.25	−9.61	−27.70	0.64	0.81	1.09	0.83	1.01	−7	+19	−31	−26	+2	−4	−1	−10	−5	+1	0	−0.70
22124		04 45 40.83	+47 41 55.7	8.92		H	71.420 138 10	+47.698 817 63		8.51	−9.89	−13.79	1.33	0.96	1.48	1.23	0.97	−28	+46	−40	+8	+2	+2	−3	+16	−10	+6	0	−0.23
22125	H	04 45 41.06	+61 41 22.2	8.89	2	H	71.421 094 10	+61.689 507 27	*	0.35	3.56	−4.15	0.73	0.70	1.06	0.93	0.87	−5	+4	−11	+4	+3	+7	+5	+34	+2	−8	0	0.75
22126		04 45 41.37	−76 18 16.6	8.64		H	71.422 395 25	−76.304 606 30		2.92	18.45	41.98	0.65	0.72	0.73	0.70	1.02	−5	+18	−11	−12	+7	+4	+7	−19	−8	−8	0	−1.18
22127		04 45 42.20	+75 06 03.5	10.11	3	H	71.425 815 05	+75.100 977 28	*	1.01	−0.92	−6.05	0.75	0.91	1.22	1.01	1.27	+5	+14	−2	+3	+16	+7	+18	+4	−6	+12	4	2.32
22128		04 45 42.46	+23 37 40.9	6.34		H	71.426 923 03	+23.628 036 49		4.63	9.41	−16.78	0.68	0.46	0.73	0.85	0.57	+30	+23	−1	+20	+8	−7	+6	+51	−12	+32	2	2.02
22129		04 45 44.69	+10 16 27.5	9.44		H	71.436 192 03	+10.274 302 08		3.26	−11.83	−1.59	1.51	0.96	1.75	2.02	1.41	+11	+37	−18	+4	+5	+10	−2	+39	−27	+13	0	0.02
22130		04 45 44.98	+63 15 35.2	7.34		H	71.437 437 47	+63.259 769 44		5.64	15.87	−22.37	0.49	0.50	0.84	0.58	0.61	−1	−2	+14	−24	+33	+7	+27	+6	+10	+23	0	1.30
22131		04 45 45.51	+74 14 59.9	8.67		H	71.439 628 36	+74.249 972 14	A	3.25	−8.33	−1.96	1.37	1.78	1.71	1.44	1.91	−8	+8	−4	+3	−8	−12	−8	+25	+17	−3	1	−0.20
22132		04 45 46.79	−14 55 32.9	9.16		H	71.444 947 77	−14.925 801 85		2.55	0.19	−0.93	0.77	0.71	1.21	1.18	0.96	+23	+2	−30	−8	−21	+27	−13	−1	−6	+9	2	0.02
22133		04 45 46.91	+32 27 38.1	8.88		H	71.445 450 66	+32.460 588 27		4.82	−5.17	−22.11	1.31	1.06	1.40	1.67	1.41	+5	+18	−1	+31	−7	−20	−6	+21	+16	−3	0	1.75
22134		04 45 47.60	−13 10 14.2	10.30		H	71.448 317 51	−13.170 603 87		16.33	145.71	−148.96	1.17	0.94	1.56	1.57	1.18	−24	+26	−11	+1	−11	+1	−10	+13	−13	−43	2	0.07
22135		04 45 48.64	+74 14 38.4	12.20		H	71.452 648 66	+74.243 996 68	B	20.68	−10.29	−1.26	39.88	53.88	33.21	28.31	39.15	−9	+11	−13	+1	+0	−3	−1	+16	+18	+3	1	−0.20
22136		04 45 49.64	−34 00 18.2	6.85		G	71.456 820 83	−34.005 045 29		4.67	42.34	17.11	0.43	0.53	0.65	0.46	0.62	−6	+5	−37	+4	−5	+8	−2	+1	−7	+13	3	0.41
22137		04 45 49.91	−02 54 31.2	7.25		H	71.457 954 67	−02.908 678 09		11.00	24.43	5.41	1.76	0.81	1.18	1.79	0.98	−49	+16	+0	−10	+20	+38	+20	+23	−33	−49	3	0.09
22138		04 45 50.07	+28 39 38.7	7.01		H	71.458 628 08	+28.660 757 17		4.91	7.78	−31.57	0.88	0.57	0.96	0.95	0.64	−2	+40	−16	−8	+18	−3	+10	+22	−12	+11	0	1.38
22139		04 45 50.19	+03 01 27.6	8.96		H	71.459 130 86	+03.024 327 54		6.64	−11.54	2.40	1.23	0.84	1.41	1.35	1.04	+9	+44	−10	+32	+25	−9	+18	+69	−7	+17	0	0.88
22140	H	04 45 51.06	−11 56 57.8	7.97	2	H	71.462 735 56	−11.949 393 22	A	5.38	−4.68	−18.29	2.18	1.85	2.44	2.53	2.01	+7	−3	−22	+17	+21	−3	+19	+37	−45	−4	3	11.29
22141		04 45 52.02	+45 05 33.0	8.96		H	71.466 756 24	+45.092 506 10		3.01	47.08	−52.44	1.39	1.54	2.32	2.00	1.35	+6	+7	−75	−22	−43	+41	−21	−24	+23	+41	0	0.45
22142		04 45 53.93	−48 02 07.5	9.22		H	71.474 723 03	−48.035 419 47		21.23	−145.35	−78.19	0.76	0.94	0.95	0.80	1.04	+10	+6	+27	+3	+1	+10	−5	+20	+1	+21	0	2.33
22143		04 45 54.65	+52 46 41.1	8.24		H	71.477 703 28	+52.778 096 35		2.81	−2.06	−3.40	1.00	0.81	1.15	1.25	0.97	−17	+30	−29	+43	−24	+8	−28	+65	−28	−6	2	−0.56
22144		04 45 55.50	−39 21 23.7	6.04		G	71.481 229 39	−39.356 572 99		10.36	−58.13	−18.99	0.46	0.45	0.54	0.47	0.48	−15	+18	−7	−13	−9	+8	−9	+3	−4	−19	3	1.20
22145		04 45 55.62	−66 31 08.3	8.82		G	71.481 758 94	−66.518 981 67		13.64	60.64	216.62	0.71	0.65	0.75	0.87	0.86	−3	−10	+1	−2	+4	+8	+6	+8	−31	+5	0	1.63
22146		04 45 56.26	+04 21 36.0	7.99		H	71.484 411 00	+04.360 011 45		3.25	−17.41	5.81	0.96	0.67	1.06	1.21	0.84	+13	+27	−12	+21	−8	+7	−8	+15	−5	+25	0	0.69
22147		04 45 58.40	−50 37 13.7	8.70		H	71.493 329 75	−50.620 481 05		1.61	15.46	13.39	0.72	0.75	0.80	0.83	0.97	−2	+17	+2	+20	−12	+11	−15	+21	−9	+1	0	−0.21
*22148		04 45 58.56	−45 43 11.2	8.88		H	71.493 984 84	−45.719 778 96		3.50	−1.48	10.31	0.73	0.72	0.82	0.87	0.86	−2	+8	−7	+18	−12	+9	−13	+11	−16	−14	3	−0.77
*22149		04 45 58.53	−63 33 28.5	8.10		H	71.493 869 82	−63.557 916 34		3.04	8.05	78.60	0.57	0.62	0.63	0.53	0.68	−1	+10	−10	−37	+16	+0	+14	−12	+7	+20	1	1.88
22150	H	04 45 59.13	−66 04 43.6	7.39		G	71.496 384 05	−66.078 784 06	*	10.71	28.72	33.44	0.60	0.56	0.62	0.71	0.72	+5	−9	−3	−5	−1	+9	+1	+12	−22	+6	0	0.06
22151	H	04 45 59.70	−06 59 16.9	7.51		H	71.498 741 37	−06.988 025 04	*	14.60	−20.50	−93.79	1.49	2.37	1.12	1.14	0.93	−2	+20	−25	+43	+15	+4	+15	+43	−21	+11	3	1.08
*22152		04 46 00.39	+76 36 40.9	6.46	1	H	71.501 609 38	+76.611 373 27		31.03	74.96	−136.15	0.40	0.45	0.56	0.41	0.50	−6	+11	+4	−28	+4	+6	+2	−2	−4	+0	0	1.30
*22153		04 46 00.25	+46 59 19.0	8.88		H	71.501 048 94	+46.988 608 97		2.09	1.68	−4.53	1.31	1.07	1.63	1.56	1.10	−41	+43	−57	+26	+3	−27	−24	+42	−21	−29	0	−0.39
22154		04 46 00.88	+80 32 40.5	7.67		H	71.503 675 80	+80.544 593 57		1.51	−4.66	−7.73	0.58	0.64	0.74	0.64	0.86	−10	+17	+14	+23	−12	−1	−12	+7	+7	−9	0	1.81
22155		04 46 01.33	−70 09 39.7	9.91		H	71.505 552 93	−70.161 035 46		1.18	−1.67	−25.29	0.95	0.91	1.00	1.19	1.18	+4	−4	−1	−17	−8	+11	−7	−15	−24	+9	0	0.49
22156		04 46 01.52	−04 05 05.1	8.27		H	71.506 336 74	−04.084 751 51		5.39	1.99	−5.87	0.95	0.70	1.18	1.05	0.86	−7	+37	−25	+34	+5	−5	−3	+51	−20	+2	0	0.32
22157		04 46 01.70	+11 42 20.2	5.35		H	71.507 086 64	+11.705 608 22		12.24	67.48	−7.09	0.77	0.52	0.86	1.11	0.79	+22	+22	−23	−18	−24	+24	−20	−7	+20	+52	0	−0.97
22158	H	04 46 02.91	−16 30 56.8	8.99		H	71.512 138 29	−16.515 786 07	A	2.61	6.37	3.35	1.52	1.33	1.96	1.70	1.63	−10	+22	−13	+32	−34	+15	−42	+10	−13	−33	1	1.57
22159		04 46 04.69	−25 09 33.3	7.52		H	71.519 535 65	−25.159 254 78		13.03	71.03	53.12	0.35	0.58	0.79	0.47	0.70	−9	+4	−10	−20	+4	+3	+4	−9	−5	−10	2	0.32
22160		04 46 04.79	+78 20 37.9	8.55		H	71.519 947 37	+78.343 863 95		12.22	34.01	20.67	0.54	0.63	0.76	0.60	0.76	−5	+11	+10	+6	+12	+2	+13	+3	+5	−5	2	0.02
22161		04 46 05.10	+18 48 02.7	7.48		H	71.521 252 50	+18.800 743 21		1.36	−1.35	−1.32	0.97	0.68	1.11	1.37	1.12	+27	+30	−21	−8	+9	+15	−7	+28	+10	+73	0	1.38
22162		04 46 05.79	−29 03 43.9	8.83		H	71.524 140 51	−29.062 182 04		11.27	134.92	50.02	0.73	0.90	1.19	0.89	1.16	−12	+17	−23	−12	−1	+6	−3	+9	−9	+1	2	−1.48
22163		04 46 06.62	−12 58 30.8	7.97		H	71.527 563 83	−12.975 231 93		8.30	−0.55	−9.77	0.69	0.55	0.95	0.81	0.66	−11	+33	−11	+20	−5	+7	−12	+21	−24	−28	0	1.79
22164		04 46 06.63	−33 38 47.7	9.54		H	71.527 639 60	−33.646 596 35		4.14	−16.01	−115.71	0.79	1.00	1.24	0.92	1.23	−19	+24	−36	+17	−9	+18	−6	+19	−14	+4	0	−0.07
22165		04 46 06.93	−77 01 15.7	8.80		H	71.528 859 17	−77.021 014 56		6.09	20.08	63.30	0.67	0.77	0.80	0.77	1.12	+1	+16	+3	+11	+6	−30	+8	+4	+4	−9	0	0.55
22166		04 46 07.61	+84 01 47.4	7.31		H	71.531 689 36	+84.029 845 69		4.48	−3.11	−37.13	0.47	0.53	0.62	0.53	0.62	+1	+3	+10	+10	+9	+7	+8	−8	−17	−1	0	0.93
22167		04 46 07.95	−27 23 42.3	9.59	2	H	71.533 122 37	−27.395 088 37		6.09	5.92	34.66	0.85	1.05	1.41	0.91	1.27	−3	+20	−12	−20	+2	+8	−1	+6	−15	+3	1	2.44
22168		04 46 09.37	−59 54 27.8	9.07		H	71.539 045 09	−59.907 716 20		1.85	9.20	18.28	0.82	0.79	0.87	1.04	1.08	−4	+12	−11	−9	+0	+1	+3	+6	+19	−5	0	0.45
22169		04 46 09.49	−11 33 40.4	7.68		H	71.539 539 30	−11.561 220 51		3.28	3.16	7.97	0.60	0.57	0.91	0.85	0.77	+26	+0	−17	+17	+19	−19	+17	+39	−32	+19	0	0.33
22170		04 46 09.51	−49 14 45.4	7.48	3	T	71.539 642 11	−49.245 940 96		2.23	36.70	37.49	0.55	0.54	0.61	0.59	0.60	+2	+13	+12	−3	−10	−6	−8	+13	+8	−4	0	0.86
22171		04 46 11.70	−10 13 20.1	8.99	2	H	71.548 750 89	−10.222 242 56		−0.53	8.00	−8.79	0.79	0.76	1.19	1.02	0.91	+4	+13	−35	+26	−2	−10	−7	+26	−12	+17	2	1.63
22172		04 46 12.06	+26 02 08.1	7.72		H	71.550 254 91	+26.035 590 17		3.76	7.84	−37.73	0.97	0.75	1.06	1.25	0.96	+36	+14	−26	−38	−33	+35	−26	−40	+15	+61	0	−0.10
22173		04 46 14.98	−09 28 39.2	9.30		G	71.562 420 41	−09.477 541 80		2.74	−5.97	−3.85	1.09	0.95	1.44	1.30	1.17	+2	+21	−27	+38	+15	−1	+9	+49	−24	+12	0	0.21
22174	H	04 46 15.54	+49 56 53.6	8.29		H	71.564 755 71	+49.948 226 84	A	4.25	7.33	−19.96	1.65	1.36	1.53	2.05	1.51	+18	+20	−21	+18	−17	+32	−15	+48	−15	+39	2	−0.09
22175		04 46 16.47	+03 16 07.3	7.81		G	71.568 606 63	+03.268 704 25		31.11	55.17	29.83	0.95	0.58	1.07	1.10	0.70	+1	+35	−13	+29	+15	−15	+7	+56	−14	+5	0	0.96
22176		04 46 16.78	+18 44 05.5	5.99		H	71.569 932 52	+18.734 862 37		10.81	73.03	−69.79	0.83	0.59	0.94	1.17	0.97	+27	+26	−24	−12	+5	+11	−12	+23	+5	+73	0	0.35
22177		04 46 18.74	+03 38 10.7	10.92		G	71.578 079 63	+03.636 304 30		22.45	92.59	12.96	2.18	1.65	2.32	2.89	2.18	+24	+21	+1	+29	+29	−9	+29	+64	+1	+22	0	0.10
22178		04 46 19.63	−39 54 47.4	9.47		H	71.581 784 89	−39.913 152 79		8.22	−12.08	4.89	0.76	0.91	0.98	0.80	1.04	−13	+7	−14	−17	+7	+5	−1	+19	−6	+14	0	0.54
22179		04 46 19.85	−38 06 50.1	7.56		H	71.582 717 54	−38.113 903 22		4.93	0.86	−7.92	0.52	0.57	0.66	0.51	0.61	−5	+22	−5	−20	−1	+0	−2	+5	−4	−4	0	−1.70
22180		04 46 20.31	+39 13 40.4	8.50		H	71.584 636 87	+39.227 875 82		5.01	4.82	−25.19	1.34	0.90	1.55	1.13	1.01	+17	+62	+2	−7	−7	−19	−19	−17	−24	+32	0	−0.48
22181		04 46 20.38	+55 39 18.4	7.18		H	71.584 906 56	+55.655 123 22		2.88	−6.76	−10.22	0.64	0.58	0.92	0.76	0.65	+0	+21	−40	+10	−8	−3	−15	+24	−18	+28	0	0.19
22182	H	04 46 20.97	+44 53 25.3	11.55		G	71.587 358 70	+44.890 371 94	A	25.54	14.38	−5.31	8.62	8.80	11.70	9.88	10.82	+14	+27	−57	+0	−32	+55	+11	−46	+60	+63	6	1.24
22183		04 46 21.09	+13 50 19.9	10.15		H	71.587 888 14	+13.838 871 52		5.12	−17.34	−27.58	1.54	0.98	1.63	1.92	1.41	+13	+32	−5	−1	−8	+0	−10	+21	−1	+20	0	−0.64
22184		04 46 22.28	+06 29 44.0	8.76		H	71.592 822 04	+06.495 547 98		3.81	19.57	−2.13	1.10	0.74	1.25	1.44	1.04	+30	+34	+3	−4	+7	−2	−2	+18	−25	+28	0	2.26
22185		04 46 22.36	+19 12 18.9	9.64		G	71.593 155 51	+19.205 247 99		3.52	−1.14	−0.11	1.68	1.09	1.90	2.27	1.90	+36	+44	−1	+3	+15	+26	+5	+32	+20	+74	0	1.21
22186		04 46 22.38	−51 03 25.1	8.80		H	71.593 239 46	−51.056 961 92		3.72	−8.72	−17.93	0.69	0.76	0.79	0.84	1.06	+4	+8	+3	+9	−8	+10	−10	+17	+0	+5	0	−0.10
22187		04 46 22.67	+23 40 30.5	8.21		H	71.594 447 72	+23.675 130 37		3.99	9.78	−6.64	1.05	0.64	1.14	1.32	0.81	+39	+29	+5	−7	−12	−21	−16	+30	−25	+41	0	1.05
22188		04 46 23.15	+79 09 05.1	8.46		G	71.596 460 97	+79.151 421 19		8.19	39.12	−27.79	0.55	0.65	0.77	0.61	0.77	−3	+9	+9	+11	+11	+2	+11	−2	−8	+8	0	−0.07
22189		04 46 24.15	−02 57 15.8	6.33		H	71.600 631 78	−02.954 398 40		11.76	20.19	−55.09	1.03	0.65	1.07	1.18	0.79	−9	+45	−10	+51	+3	+30	−5	+62	−25	−14	0	1.03
22190		04 46 24.50	+64 48 37.5	6.85		H	71.602 087 98	+64.810 426 29		4.18	33.65	−53.17	0.50	0.52	0.75	0.58	0.64	+9	+10	+1	+12	+30	−10	+31	+9	−8	+35	0	0.30
22191		04 46 24.83	+64 36 29.2	9.69		H	71.603 456 20	+64.608 117 75		8.38	28.59	−46.82	0.82	1.00	1.40	0.94	1.17	−6	+2	−23	+5	+25	−7	+25	+8	−3	+16	4	0.17
22192		04 46 25.75	−28 05 15.0	6.18		H	71.607 301 89	−28.087 488 20		17.40	−4.04	18.19	0.40	0.50	0.68	0.48	0.60	−9	+14	−28	−23	+7	+9	+7	−4	−14	+1	0	−1.07
22193		04 46 26.41	+51 05 45.9	8.05		H	71.610 041 36	+51.096 090 78		2.60	2.58	−13.23	1.05	0.76	1.30	1.51	1.01	+32	−2	−19	−17	−12	+36	−23	+36	−5	+55	0	0.26
22194		04 46 26.43	−35 48 22.3	7.75		H	71.610 110 39	−35.806 184 55		4.36	5.20	38.48	0.54	0.57	0.70	0.53	0.63	−9	+14	−11	+3	−8	+7	−8	+6	−2	−6	0	−1.65
22195		04 46 26.81	−17 49 22.0	7.85		H	71.611 708 12	−17.822 773 06		3.76	58.90	70.00	0.63	0.60	1.04	0.91	0.83	−10	+15	−10	−1	−5	+39	−5	−3	−27	−45	0	−1.03
22196		04 46 26.92	+42 20 54.2	6.53		H	71.612 183 77	+42.348 389 14		14.07	−4.78	70.78	0.74	0.55	0.87	0.76	0.61	+0	+41	−17	−10	+5	−9	−6	+2	−21	+13	0	1.49
22197		04 46 27.36	+43 30 51.6	9.38		G	71.614 003 19	+43.514 341 64		1.75	−5.80	−0.85	1.42	1.13	1.67	1.70	1.26	+12	+31	−35	−3	+3	+0	+4	+11	+2	+27	0	−0.75
22198		04 46 27.75	−41 05 32.0	9.19		H	71.615 638 45	−41.092 232 25		4.62	4.26	−35.99	0.81	0.85	1.02	1.07	1.08	−8	−16	+9	−9	−1	+24	−2	−12	−11	−12	3	1.41
22199		04 46 28.05	−54 52 13.5	8.59		H	71.616 864 61	−54.870 414 51		11.48	−42.22	−40.66	0.60	0.64	0.70	0.62	0.73	+1	+9	−13	+3	+10	−8	+11	−11	+23	−3	1	0.46
22200		04 46 28.06	−02 04 14.8	9.41		H	71.616 900 97	−02.070 771 33		7.85	9.34	−19.51	1.18	0.83	1.36	1.38	1.01	+9	+30	+4	+34	+1	−8	−1	+51	−7	+7	0	−0.22

No.	Tycho Magnitudes					Colour Indices							Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag			Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3		44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
22101	9.109	0.019	8.694	0.019	A	0.475	0.015	G	0.55	0.02	H *		8.2896	0.0218	0.267	106	*	8.26	9.47		D	04453−8039	I 1	2 C A	AB	232	3.342	0.004	0.73	0.01	S
22102	10.875	0.051	8.986	0.018		1.603	0.045	T	2.14	0.10	O		8.8459	0.0025	0.018	102		8.81	8.87					1							
22103	10.712	0.036	9.433	0.020		1.089	0.032	T	1.05	0.03	L		9.4724	0.0022	0.021	126		9.43	9.50					1							
22104	8.916	0.014	8.685	0.016		0.220	0.020	T	0.24	0.02	L		8.6964	0.0015	0.013	106		8.68	8.72		C			1							
22105	10.456	0.041	9.391	0.027		0.890	0.015	G	0.90	0.01	H		9.4793	0.0026	0.018	70		9.45	9.51					1							G
22106	8.682	0.016	7.375	0.010		1.111	0.015	T	1.07	0.02	L		7.4236	0.0012	0.010	52		7.41	7.44		C			1 G							S
22107	10.876	0.053	9.047	0.021		1.522	0.045	T	1.56	0.07	L		9.0683	0.0014	0.016	82		9.05	9.09		D			1							
22108	10.011	0.035	9.563	0.036		0.667	0.015	G	0.73	0.01	H		9.5368	0.0035	0.022	50		9.50	9.57		C			1							
22109	3.839	0.003	3.990	0.003		−0.148	0.003	G	−0.13	0.02	A		3.9696	0.0016	0.008	60		3.96	3.99		M			1							S
22110	8.371	0.008	7.921	0.008		0.424	0.010	T	0.49	0.01	L		7.9836	0.0008	0.012	153		7.96	8.00					1							S
22111	9.930	0.027	9.616	0.030		0.298	0.038	T	0.34	0.05	L		9.7044	0.0024	0.015	68		9.65	9.73					1							
22112	8.805	0.014	8.462	0.015		0.355	0.001	G	0.42	0.00	H		8.4698	0.0029	0.026	73		8.43	8.55		U 2			1 S							G
22113	9.308	0.016	8.965	0.017		0.332	0.026	T	0.39	0.04	L		9.0539	0.0018	0.021	121		9.02	9.09		C			1							
22114	7.706	0.006	7.624	0.008		0.074	0.009	T	0.09	0.01	L		7.6475	0.0014	0.011	118		7.62	7.67					1							S
22115	9.957	0.034	9.361	0.032		0.792	0.015	G	0.82	0.01	H		9.4176	0.0042	0.017	47		9.39	9.45					1							
22116	10.426	0.031	9.861	0.029		0.533	0.031	T	0.61	0.03	L		9.9083	0.0028	0.022	97		9.86	9.94		C			1							
22117	11.521	0.116	10.607	0.082		0.763	0.086	G	0.80	0.06	R		10.5784	0.0031	0.026	55		10.53	10.61		D			1							G
22118	10.632	0.046	9.934	0.038		0.644	0.049	T	0.71	0.04	L		10.0627	0.0028	0.021	89		10.03	10.09		C			1							G
22119	9.562	0.011	8.161	0.007		1.184	0.010	T	1.14	0.01	L		8.1968	0.0013	0.016	247		8.17	8.23					1							
22120	10.362	0.026	9.085	0.015		1.087	0.023	T	1.05	0.02	L		9.1510	0.0020	0.022	128		9.11	9.20		C			1							
22121	10.066	0.023	8.973	0.015		0.955	0.004	G	1.00	0.00	I		9.0317	0.0021	0.023	110		9.00	9.07					1							
22122	8.719	0.011	7.674	0.008		0.875	0.019	G	0.91	0.02	A		7.7289	0.0017	0.012	109		7.71	7.75					1							S
22123	9.442	0.013	8.186	0.008		1.071	0.012	T	1.04	0.01	L		8.2366	0.0017	0.017	157		8.21	8.26					1 G							
22124	9.380	0.025	8.986	0.026		0.373	0.033	T	0.44	0.04	L		9.0094	0.0026	0.014	51		8.99	9.04		C			1							
22125	9.182	0.014	8.915	0.016	*	0.254	0.020	T	0.29	0.03	L *		8.9615	0.0031	0.033	130	*	8.91	9.04		U 2	04457+6141	I 1	2 C S A	BA	254	0.141	0.011	0.71	0.52	
22126	9.813	0.022	8.740	0.015		0.940	0.015	G	0.93	0.01	H		8.7981	0.0016	0.013	97		8.78	8.82		C			1							
22127	10.996	0.054	9.115	0.019		1.500	0.510	G	3.51	0.91	Q		9.8253	0.1482	1.628	145		7.81	11.51	142.70	P 1 B			1 V							G P
22128	6.401	0.004	6.343	0.005		0.058	0.006	T	0.07	0.01	L		6.3685	0.0008	0.007	87		6.36	6.38					1							S
22129	10.020	0.034	9.554	0.035		0.439	0.045	T	0.51	0.05	L		9.5398	0.0031	0.018	50		9.50	9.59		C			1							
22130	8.663	0.008	7.452	0.005		1.036	0.007	T	1.01	0.01	L		7.5112	0.0011	0.012	173		7.49	7.53					1							S
22131	9.832	0.019	8.745	0.013	A	0.940	0.018	T	0.93	0.01	L		8.8296	0.0145	0.019	157	A	8.80	8.87		D	04458+7415	I 2	1 C P C							
22132	9.288	0.012	9.170	0.015		0.107	0.018	T	0.12	0.02	L		9.2001	0.0023	0.024	178		9.15	9.25					1							
22133	11.573	0.187	9.094	0.036		2.041	0.153	T	2.08	0.16	L		8.9620	0.0047	0.020	35		8.94	9.01					1 S							
22134	11.481	0.093	10.365	0.053		0.962	0.083	T	0.95	0.07	L		10.4622	0.0032	0.027	111		10.41	10.51		C			1							G
22135											T		11.9771	0.1924			B				D	04458+7415	I 2	1 C I C							
22136	6.849	0.003	6.846	0.005		0.002	0.002	G	0.02	0.00	H		6.8551	0.0009	0.010	129		6.84	6.88					1							S
22137	7.592	0.010	7.286	0.008		0.291	0.012	T	0.33	0.02	L		7.3227	0.0012	0.008	60		7.31	7.34		C			1 G							S
22138	8.282	0.015	7.124	0.009		0.994	0.014	T	0.97	0.01	L		7.1753	0.0014	0.012	58		7.16	7.20			04458+2840	I 1	1							S
22139	9.192	0.016	8.971	0.018		0.211	0.023	T	0.23	0.03	L		9.0264	0.0019	0.013	83		9.00	9.05		C			1							
22140	8.389	0.012	7.998	0.013	*	−0.080	0.495	G	0.43	0.04	L *		8.0574	0.0015	0.021	100	−	8.03	8.10		U 2	04459−1157	I 1	3 C D							S X
22141	10.287	0.050	9.072	0.031		1.039	0.046	T	1.01	0.04	L		9.1288	0.0038	0.013	38		9.11	9.16					1							
22142	10.302	0.026	9.350	0.018		0.825	0.025	T	0.85	0.02	L		9.3600	0.0022	0.021	115		9.33	9.41		C			1							
22143	8.650	0.012	8.287	0.012		0.344	0.016	T	0.40	0.02	L		8.3210	0.0018	0.016	102		8.29	8.34					1							
22144	7.416	0.005	6.168	0.004		1.065	0.001	G	1.10	0.04	E		6.2068	0.0006	0.008	117		6.20	6.22		C			1							S
22145	9.503	0.018	8.890	0.016		0.560	0.015	G	0.63	0.01	H		8.9515	0.0014	0.013	103		8.93	8.98		C			1							
22146	8.274	0.012	8.012	0.013		0.249	0.017	T	0.28	0.02	L		8.0557	0.0025	0.019	68		8.03	8.09					1							S
22147	9.966	0.021	8.800	0.013		0.980	0.015	G	0.96	0.01	H		8.8622	0.0017	0.018	116		8.83	8.89		C			1							
22148	10.011	0.021	8.985	0.015		0.894	0.019	T	0.90	0.01	L		9.0366	0.0019	0.017	112		9.01	9.07					1							
22149	9.391	0.016	8.227	0.011		0.999	0.015	T	0.98	0.01	L		8.2661	0.0013	0.011	110		8.25	8.29		C			1 S							
22150	7.850	0.008	7.432	0.008	*	0.432	0.015	G	0.50	0.02	H *		7.4745	0.0010	0.008	109	*	7.46	7.50		D	04460−6605	H 1	2 C S A	AB	215	0.199	0.003	0.23	0.10	S
22151	8.237	0.010	7.585	0.010	*	0.605	0.012	T	0.67	0.01	L *		7.6397	0.0011	0.009	78	*	7.62	7.66		D	04460−0659	I 1	2 C A	AC	273	0.201	0.019	1.92	0.33	S
22152	7.043	0.004	6.518	0.004		0.512	0.008	G	0.58	0.01	H		6.5731	0.0012	0.011	174		6.56	6.59		M			1							S
22153	9.133	0.021	8.918	0.024		0.205	0.030	T	0.23	0.03	L		8.9458	0.0014	0.014	60		8.92	8.97					1							
22154	9.471	0.017	7.817	0.009		1.383	0.015	T	1.36	0.02	L		7.8129	0.0012	0.012	122		7.79	7.84		C			1							
22155	9.943	0.025	9.899	0.033		0.010	0.015	G	0.03	0.01	H		9.9247	0.0022	0.022	96		9.88	9.96		C			1							
22156	8.498	0.013	8.282	0.014		0.206	0.018	T	0.23	0.02	L		8.3313	0.0013	0.010	63		8.31	8.35		C			1							S
22157	5.597	0.004	5.376	0.004		0.197	0.010	G	0.20	0.03	C		5.4116	0.0007	0.005	49		5.40	5.42		C	04460+1142	I 1	1							S
22158	9.122	0.014	9.037	0.017	A	0.000	0.495	G	0.08	0.04	L *		9.0186	0.0021	0.025	136	*	8.98	9.06		D	04460−1631	I 1	2 C B	AB	187	3.552	0.031	3.11	0.16	
22159	8.018	0.005	7.562	0.005		0.443	0.006	T	0.51	0.01	L		7.6153	0.0008	0.013	252		7.59	7.64					1							S
22160	9.154	0.012	8.619	0.011		0.502	0.015	T	0.57	0.02	L		8.6600	0.0014	0.018	146		8.63	8.69					1							
22161	9.451	0.021	7.650	0.010		1.499	0.018	T	1.53	0.03	L		7.6091	0.0014	0.008	68		7.60	7.63		C			1							S
22162	9.659	0.017	8.903	0.014		0.675	0.017	T	0.73	0.01	L		8.9674	0.0021	0.022	140		8.93	9.02					1							
22163	8.231	0.011	7.990	0.011		0.230	0.015	T	0.26	0.02	L		8.0380	0.0019	0.016	114		8.01	8.07					1							S
22164	10.228	0.027	9.590	0.024		0.587	0.027	T	0.66	0.03	L		9.6694	0.0021	0.022	116		9.63	9.72		C			1							
22165	9.346	0.016	8.832	0.015		0.493	0.017	T	0.57	0.02	L		8.9089	0.0023	0.017	99		8.87	8.94		C			1							
22166	8.553	0.009	7.421	0.006		0.974	0.008	T	0.96	0.01	L		7.4735	0.0009	0.010	145		7.45	7.49		C			1							S
22167	10.377	0.025	9.619	0.020		0.676	0.024	T	0.74	0.02	L		9.7272	0.0037	0.034	163		9.67	9.80		U			1							
22168	10.838	0.059	9.244	0.025		1.336	0.050	T	1.30	0.06	L		9.2254	0.0022	0.018	96		9.20	9.26		C			1							
22169	7.615	0.007	7.661	0.009		−0.048	0.003	G	−0.03	0.00	H		7.6685	0.0011	0.011	117		7.65	7.69		C			1							S
22170	9.417	0.017	7.650	0.008		1.472	0.015	T	1.49	0.02	L		7.8175	0.1269	0.915	104		6.69	9.01	164.50	P 1 B			1 S							P
22171	11.057	0.055	9.189	0.019		1.553	0.046	T	1.57	0.05	L		9.1110	0.0040	0.038	108		9.04	9.19		U 2			1							
22172	8.044	0.011	7.740	0.012		0.289	0.015	T	0.33	0.02	L		7.7961	0.0017	0.013	56		7.77	7.81					1							S
22173	10.405	0.043	9.376	0.030		0.914	0.002	G	0.91	0.00	H		9.4716	0.0024	0.019	72		9.43	9.51		C			1							
22174	9.642	0.020	8.441	0.013	*	1.028	0.019	T	1.00	0.02	L *		8.4604	0.0014	0.016	115	*	8.43	8.49		D	04463+4957	H 1	2 C D	AB	308	0.461	0.034	3.31	0.13	D
22175	8.645	0.012	7.904	0.010		0.679	0.015	G	0.74	0.01	H		7.9531	0.0013	0.011	94		7.94	7.97		C			1							S
22176	7.557	0.007	6.118	0.005		1.221	0.015	G	1.10	0.04	E		6.1575	0.0009	0.005	69		6.15	6.17		C			1							S
22177	12.149	0.236	11.417	0.187		1.277	0.005	G	1.24	0.01	H		11.0224	0.0054	0.044	81		10.92	11.08					1							G
22178	10.159	0.025	9.509	0.022		0.595	0.025	T	0.67	0.02	L		9.5971	0.0021	0.023	123		9.56	9.63		C			1							
22179	8.876	0.011	7.671	0.007		1.031	0.010	T	1.00	0.01	L		7.7272	0.0011	0.012	136		7.71	7.75		C			1							S
22180	10.235	0.043	8.683	0.021		1.303	0.038	T	1.26	0.04	L		8.6555	0.0028	0.022	48		8.63	8.70		C			1							
22181	9.217	0.014	7.350	0.007		1.552	0.012	T	1.57	0.01	L		7.2999	0.0013	0.013	111		7.28	7.32					1							S
22182						0.964	0.007	G	0.95	0.01	H *		11.7097	0.0093	0.053	35	*	11.49	11.79		D	04463+4453	H 1	2 C A	AB	212	0.959	0.028	0.41	0.14	D
22183	11.166	0.085	10.119	0.055		0.909	0.076	T	0.91	0.06	L		10.3164	0.0040	0.027	59		10.26	10.35					1							G
22184	9.034	0.017	8.791	0.019		0.232	0.024	T	0.26	0.03	L		8.8314	0.0021	0.014	56		8.81	8.86		C			1							
22185	9.929	0.027	9.752	0.036		0.243	0.009	G	0.27	0.01	H		9.7296	0.0036	0.020	71		9.70	9.76					1							G
22186	9.995	0.022	8.920	0.015		0.931	0.020	T	0.93	0.01	L		8.9580	0.0015	0.015	108		8.93	8.99					1							
22187	9.711	0.023	8.349	0.013		1.154	0.021	T	1.12	0.02	L		8.3778	0.0013	0.011	84		8.36	8.40		C			1							
22188	8.992	0.010	8.486	0.009		0.473	0.015	G	0.54	0.02	H		8.5517	0.0015	0.015	153		8.52	8.58					1							
22189	6.395	0.005	6.331	0.005		0.041	0.004	G	0.06	0.00	H		6.3521	0.0009	0.005	60		6.35	6.36		C			1 G							S
22190	8.408	0.009	6.983	0.005		1.203	0.008	T	1.16	0.01	L		7.0116	0.0012	0.012	137		6.99	7.03					1							S
22191	10.211	0.025	9.744	0.025		0.440	0.032	T	0.51	0.03	L		9.7888	0.0024	0.027	128		9.74	9.83					1							G
22192	6.399	0.003	6.201	0.003		0.189	0.004	T	0.21	0.01	L		6.2378	0.0008	0.008	162		6.22	6.25					1							S
22193	9.918	0.026	8.196	0.013		1.480	0.015	G	1.50	0.02	H		8.1737	0.0014	0.012	92		8.15	8.20		C			1							
22194	9.331	0.013	7.885	0.007		1.219	0.012	T	1.18	0.01	L		7.9121	0.0013	0.014	128		7.89	7.94		C			1							S
22195	9.214	0.015	7.950	0.010		1.077	0.014	T	1.04	0.01	L		8.0177	0.0013	0.015	125		7.99	8.04					1							S
22196	7.387	0.009	6.614	0.008		0.704	0.009	G	0.76	0.01	H		6.6721	0.0009	0.007	56		6.66	6.68		D			1							S
22197	10.824	0.076	9.533	0.039		1.160	0.010	G	1.12	0.01	H		9.5461	0.0036	0.018	55		9.52	9.58		C			1							G
22198	9.769	0.019	9.220	0.018		0.520	0.019	T	0.59	0.02	L		9.2995	0.0026	0.021	119		9.25	9.34					1							S
22199	9.157	0.013	8.635	0.012		0.499	0.013	T	0.57	0.01	L		8.6953	0.0018	0.016	126		8.67	8.72					1							S
22200	10.081	0.029	9.490	0.027		0.552	0.035	T	0.62	0.03	L		9.5317	0.0033	0.020	73		9.50	9.55		C			1							

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion μα* mas/yr 12	μδ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	μα* mas/yr 17	μδ mas/yr 18	Astrometric Correlations (%) δ α* 19	π α* 20	π δ 21	μα* α* 22	μα* δ 23	μα* π 24	μδ α* 25	μδ δ 26	μδ π 27	μδ μα* 28	Soln F1 % 29	F2 30
22201		04 46 28.13	+07 20 39.0	8.68		H	71.617 216 55	+07.344 166 19		−1.10	0.60	−8.52	1.25	0.76	1.63	1.44	1.11	+23	+47	−22	+ 8	+ 6	− 4	−21	+27	−53	+35	3	1.14
22202		04 46 28.31	−44 15 23.9	9.34		H	71.617 966 54	−44.256 640 55		7.57	−10.53	−26.27	0.78	0.84	0.92	0.85	0.97	− 7	+ 8	−11	−19	− 5	+ 3	− 5	− 2	− 4	− 4	0	−0.86
22203		04 46 30.33	+15 28 19.6	8.30		H	71.626 391 31	+15.472 110 23		19.42	91.37	−24.72	1.07	0.77	1.09	1.48	1.07	+10	+10	− 8	+27	+11	+ 2	+10	+57	− 5	+15	0	1.90
22204		04 46 31.18	−59 13 30.6	9.08		H	71.629 912 44	−59.225 160 63		2.58	10.25	23.88	0.84	0.84	0.89	1.06	1.15	−14	+ 2	+ 7	− 3	− 3	−14	+ 0	+12	+12	−28	0	0.40
22205		04 46 31.92	−37 27 21.3	7.62		H	71.633 019 99	−37.455 925 18		1.50	3.18	0.35	0.54	0.59	0.70	0.59	0.65	−10	+14	−12	+18	− 9	+18	− 8	+18	− 6	− 6	0	−0.26
22206	H	04 46 32.94	−04 36 17.4	10.06		G	71.637 243 02	−04.604 834 27	A	11.82	−194.35	−146.11	3.40	2.40	3.12	3.52	2.74	+ 4	+ 8	− 2	+33	+ 4	−25	+ 7	+37	+ 6	+ 9	1	0.02
22207		04 46 33.01	+27 54 02.6	8.39		H	71.637 556 22	+27.900 724 62		1.14	10.71	−7.24	1.00	0.72	1.09	1.26	0.81	+ 4	+27	−11	+21	+ 0	− 6	− 3	+31	−12	+ 1	0	1.00
22208		04 46 33.75	+14 31 53.9	8.20		G	71.640 640 17	+14.531 635 08		8.46	10.14	17.52	1.00	0.69	1.06	1.34	1.02	+ 8	+25	−12	+17	+18	+15	+11	+46	−13	+26	0	0.29
22209	H	04 46 34.54	−22 46 46.6	8.34		H	71.643 918 44	−22.779 610 79	A	6.38	7.86	−22.30	1.52	1.56	1.98	1.43	1.41	+ 4	+ 2	+ 5	−43	− 8	− 4	− 7	−33	−24	− 8	2	−0.33
22210		04 46 35.48	+51 19 02.6	8.68		H	71.647 820 18	+51.317 381 16		2.97	−3.52	−0.25	1.06	0.79	1.25	1.44	0.99	+31	− 7	−23	−19	−23	+28	−26	+29	−11	+45	0	−0.54
22211		04 46 35.90	+19 29 39.3	8.44		H	71.649 570 64	+19.494 253 56		0.93	−1.39	−1.15	1.28	0.78	1.38	1.74	1.32	+30	+40	− 2	− 8	− 7	+19	−20	+23	+ 5	+63	2	1.72
22212		04 46 36.27	+08 19 04.7	8.01		H	71.651 120 74	+08.317 964 53		1.94	6.35	−38.06	1.13	0.79	1.37	1.32	0.96	+20	+34	−38	+29	+23	−17	+ 4	+49	−32	+49	0	−0.66
22213		04 46 37.52	−68 32 46.1	7.20		H	71.656 347 93	−68.546 139 12		8.66	−10.85	44.32	0.49	0.52	0.54	0.50	0.62	− 8	+17	− 7	−10	−12	+14	−15	+13	−16	−11	0	−1.12
22214		04 46 38.27	−71 06 23.8	8.03		H	71.659 468 47	−71.106 607 45		6.79	22.33	86.37	0.68	0.71	0.71	0.72	0.91	−10	+ 6	− 7	−30	+ 4	+16	+ 5	−31	− 2	−13	1	−0.10
22215		04 46 39.22	−16 34 22.1	9.37		H	71.663 396 57	−16.572 816 14		7.83	106.27	−51.54	0.89	0.84	1.49	1.19	1.09	− 5	+25	−17	+29	−22	+19	−24	+11	−13	−25	3	−0.30
22216		04 46 39.60	+50 09 08.7	8.19		H	71.664 980 98	+50.152 417 30		4.92	13.98	−14.92	0.96	0.74	1.30	1.34	0.85	+17	− 3	−38	− 3	−43	+36	−34	+45	−28	+19	0	1.17
22217		04 46 39.63	+32 37 54.6	10.15		G	71.665 143 42	+32.631 834 17		11.31	125.30	−155.76	2.00	1.39	2.12	2.49	1.82	−11	+40	−12	+15	+ 3	+ 0	+ 0	+ 1	+ 0	−25	0	−0.89
22218		04 46 43.57	−42 37 01.7	8.74		H	71.681 538 35	−42.617 135 64		8.10	27.56	15.16	0.68	0.76	0.85	0.79	0.91	− 8	+11	− 3	− 6	− 1	+ 5	− 2	− 1	−11	− 7	0	−0.22
22219		04 46 44.31	−73 55 06.7	9.30		H	71.684 604 32	−73.918 530 38		7.19	72.59	−18.39	0.70	0.83	0.78	0.74	1.13	−20	+14	− 8	−25	+14	+14	+16	−26	− 6	−19	0	1.07
22220		04 46 44.47	+40 18 45.6	5.99		H	71.685 299 06	+40.312 680 34		7.36	8.99	−37.10	0.71	0.60	0.85	0.65	0.65	+15	+48	−18	−20	−12	−18	−24	−25	−28	+49	0	2.17
22221		04 46 45.52	+09 01 02.9	7.24	1	H	71.689 682 43	+09.017 461 12		26.26	89.03	−16.73	0.99	0.76	1.04	1.38	1.05	+46	+29	−16	+ 9	+ 1	−22	−13	+ 4	−30	+48	0	−0.90
22222		04 46 45.85	+22 20 35.4	10.18		H	71.691 049 22	+22.343 156 87		4.08	−10.51	−6.47	2.05	1.08	2.36	1.80	1.35	+12	+63	−12	+12	+11	− 1	−14	+51	−34	+25	0	1.27
22223		04 46 47.73	−13 34 53.1	8.44	1	H	71.698 857 07	−13.581 407 54		2.97	−1.52	1.47	0.95	0.75	1.29	1.07	0.93	−53	+46	−31	+35	−39	+12	−38	+31	−29	−55	1	2.08
22224		04 46 49.40	+17 44 54.3	9.60		H	71.705 812 99	+17.748 405 98		24.11	96.93	−33.93	1.43	1.17	1.72	2.25	1.76	+27	+ 1	−37	+16	+36	−11	+18	+64	−34	+58	0	2.46
22225	H	04 46 49.40	+16 18 05.8	9.18		H	71.705 819 29	+16.301 607 39	*	−0.48	6.39	−2.60	1.19	0.78	1.31	1.24	0.98	+19	+39	+12	− 2	+10	− 3	− 5	+39	−14	+37	0	1.13
22226		04 46 49.51	−26 18 08.8	7.85		G	71.706 277 59	−26.302 446 55		12.80	34.34	−4.63	0.44	0.63	0.86	0.49	0.73	− 3	+14	−19	−25	+ 1	+ 6	+ 1	− 5	− 8	− 5	0	−1.85
22227		04 46 50.29	−18 23 57.5	7.89		G	71.709 547 29	−18.399 292 36		7.86	4.17	−16.63	1.06	0.86	1.14	1.14	1.04	−64	+37	−29	−11	+ 9	+12	+ 8	−14	−27	−50	0	−0.28
22228	H	04 46 50.90	−21 41 16.4	9.06		H	71.712 078 76	−21.687 887 82	A	4.93	3.10	−7.19	1.41	1.38	1.85	1.49	1.40	−11	+ 1	−11	−35	+ 0	+19	+ 5	−22	−23	−32	0	0.07
22229		04 46 52.20	−60 36 13.8	7.72	2	G	71.717 486 19	−60.603 845 43		15.34	50.40	132.16	0.57	0.57	0.61	0.64	0.70	+ 0	+ 2	−14	−19	− 4	+ 6	− 2	+ 5	+12	− 2	0	−0.78
22230		04 46 53.57	+00 37 02.5	8.40		H	71.723 217 82	+00.617 347 81		2.41	−2.63	−45.96	1.05	0.77	1.23	1.06	0.93	+31	+52	+13	+30	+33	+ 1	+32	+64	+ 8	+30	0	−0.82
22231		04 46 57.22	−21 12 41.3	7.10		H	71.738 411 81	−21.211 481 24		6.64	16.98	17.51	0.63	0.56	0.85	0.67	0.65	−10	+21	− 2	+ 7	−35	− 8	−40	+ 3	−13	−41	0	0.24
22232		04 46 57.67	−55 46 46.9	8.20		H	71.740 293 34	−55.779 705 63		3.33	17.72	41.11	0.63	0.58	0.66	0.78	0.73	− 6	+ 7	−13	+ 2	−13	+14	−12	+ 1	+ 9	+ 0	0	−1.23
22233		04 46 58.95	−29 24 27.4	7.50		H	71.745 615 37	−29.407 616 03		4.57	−13.67	6.83	0.48	0.60	0.80	0.57	0.76	− 8	+ 6	−21	+13	−11	+21	− 6	− 7	− 8	+ 1	0	0.60
22234		04 46 59.00	−14 37 23.3	10.91	3	H	71.745 832 15	−14.623 125 67		2.33	16.47	−6.22	1.23	1.09	2.05	1.76	1.59	+14	+ 5	−11	+ 2	−26	+18	−28	− 5	− 8	−21	0	−0.71
22235		04 47 01.20	−38 18 32.2	7.34		H	71.755 007 69	−38.308 936 71		3.76	15.43	3.31	0.51	0.55	0.64	0.50	0.58	− 8	+15	+ 6	−18	− 5	− 3	− 2	+ 3	+ 8	−16	0	−2.32
22236		04 47 02.13	+41 18 18.2	7.20		G	71.758 886 22	+41.305 047 31		4.09	4.26	−10.42	0.87	0.64	0.95	1.10	0.75	−18	+25	− 8	+37	−24	−29	−31	+33	−11	−25	0	1.15
22237		04 47 04.45	−67 06 53.1	11.27		G	71.768 540 80	−67.114 757 76		−1.10	−0.81	1.81	1.53	1.40	1.61	1.58	1.85	+ 1	+15	+ 6	−12	+ 6	+ 0	+ 2	+ 5	−29	+ 7	0	−0.70
22238		04 47 04.64	+09 03 38.4	8.61		H	71.769 351 63	+09.060 677 52		4.62	23.80	−1.57	1.06	0.74	1.25	1.38	1.01	+23	+18	−33	+22	+23	−23	+ 8	+49	−34	+46	0	−0.54
22239		04 47 06.66	+10 03 05.9	7.19		G	71.777 731 19	+10.051 649 40		5.83	14.98	2.84	1.04	0.67	1.26	1.44	0.96	+19	+32	−26	− 7	+26	−19	+ 7	+41	−47	+20	0	0.59
22240		04 47 06.85	−59 08 13.6	6.80		H	71.778 531 13	−59.137 118 95		6.06	14.20	13.70	0.52	0.51	0.55	0.61	0.64	−14	+ 4	+ 3	+20	−12	−18	−12	+11	+16	−24	0	−0.67
22241		04 47 07.48	+31 35 18.4	9.35		H	71.781 177 96	+31.588 453 81		7.42	−13.54	−13.17	1.26	1.03	1.34	1.25	1.07	+ 0	+24	−14	+ 0	+23	+ 1	+22	+ 3	− 4	+15	0	0.86
22242		04 47 15.36	−62 49 44.4	7.87		H	71.814 010 19	−62.829 012 50		7.26	−16.09	−17.99	0.55	0.59	0.60	0.55	0.70	− 9	+10	+ 5	−22	+ 3	− 6	+ 5	+ 0	+10	−13	1	−0.40
22243		04 47 15.86	+51 38 41.8	8.98		H	71.816 076 14	+51.644 942 64		1.10	−2.48	−2.46	1.07	0.80	1.21	1.55	0.94	+10	− 2	−26	− 6	−37	+24	−31	+37	−16	+15	0	0.23
22244		04 47 17.09	−33 36 50.2	8.47		H	71.821 211 70	−33.613 940 39		2.72	34.67	−68.13	0.68	0.76	0.93	0.77	0.88	−19	+21	−24	+27	− 5	+16	− 2	+16	−15	− 1	3	−1.07
22245		04 47 17.91	+05 47 17.8	6.77		H	71.824 645 09	+05.788 264 10		5.08	14.49	−17.34	0.77	0.55	0.91	0.97	0.77	+28	+23	−19	+ 2	+ 9	+ 6	+ 2	+25	−18	+43	0	1.32
22246		04 47 18.18	+45 59 11.3	10.12		H	71.825 743 42	+45.986 474 43		24.07	241.21	−73.86	2.41	2.06	3.10	3.83	2.56	− 2	+24	−49	− 9	−45	+31	−27	−17	+26	+43	19	2.55
22247		04 47 18.92	−36 12 33.6	7.66	2	H	71.828 852 50	−36.209 344 61		1.03	−0.29	6.63	0.54	0.62	0.76	0.59	0.74	− 6	+ 3	− 9	− 7	+ 8	− 4	+ 5	+10	−27	+11	0	−0.22
22248		04 47 19.85	−74 36 44.7	8.84		H	71.832 717 07	−74.612 414 22		2.45	9.18	19.28	0.76	0.71	0.76	0.80	0.90	+ 7	+15	− 2	−27	−10	+ 4	−12	−20	+ 1	+13	0	−1.19
22249	H	04 47 21.67	−61 28 33.8	7.23		G	71.840 284 62	−61.476 057 18	A	13.28	47.98	−24.45	0.81	0.81	0.77	0.83	0.90	+21	− 4	− 2	−14	− 8	+24	−10	+13	− 6	+30	2	0.65
22250		04 47 22.03	+29 19 59.8	9.32		H	71.841 776 61	+29.333 268 34		3.35	−1.36	−10.60	1.27	0.90	1.39	1.90	1.18	+ 3	+19	− 8	+ 1	+ 7	+ 0	+ 4	+14	−14	− 2	0	−0.18
22251		04 47 22.15	−57 08 57.3	9.30		H	71.842 308 76	−57.149 251 54		3.36	8.22	6.82	0.79	0.91	0.87	0.92	1.10	− 6	− 4	− 2	−17	−16	+ 1	−15	+28	+ 9	−11	1	0.25
22252		04 47 23.44	−22 33 37.7	8.94		H	71.847 661 00	−22.560 463 99		9.62	52.79	−82.06	0.80	0.82	1.16	0.86	0.90	+ 1	− 7	+ 0	−61	+ 3	+14	+ 9	−29	−21	−14	0	0.89
22253		04 47 26.14	+23 03 03.7	10.69		G	71.858 908 53	+23.051 022 47		15.74	77.60	−42.56	1.80	1.06	1.98	1.95	1.27	+23	+47	+10	+ 1	− 5	− 4	− 8	+37	−14	+16	0	0.08
22254		04 47 28.47	−31 54 16.4	9.94		H	71.868 633 99	−31.904 562 06		6.68	79.64	−14.84	0.92	1.23	1.56	1.29	1.43	−12	+ 6	−50	+21	+ 0	− 3	− 2	+13	+10	− 2	1	0.32
22255	H	04 47 29.06	+43 24 02.0	8.46		H	71.871 094 86	+43.400 562 98	*	3.70	13.03	−22.76	23.39	16.84	2.17	2.41	1.75	+87	+ 9	+ 4	+ 9	+ 7	−12	− 5	+ 6	− 1	+ 4	2	1.88
22256		04 47 30.02	−55 41 05.7	9.85	3	H	71.875 080 85	−55.684 915 81	*	1.74	1.81	0.02	1.47	1.26	1.44	1.89	1.69	− 2	−25	−13	−38	− 2	+13	− 1	−32	+ 3	−15	0	1.99
22257		04 47 30.08	−49 51 34.4	9.66		H	71.875 345 59	−49.859 561 74		13.84	96.20	18.64	0.85	0.87	0.96	0.98	1.08	− 7	+ 7	+14	+ 5	−13	− 1	−12	+15	+16	− 5	0	2.85
22258		04 47 31.14	+10 10 09.8	8.24		H	71.879 747 70	+10.169 397 86		4.41	−1.39	−6.82	1.19	0.75	1.44	1.72	1.09	+13	+33	−29	− 2	+23	−20	+ 3	+43	−48	+13	0	1.81
22259		04 47 32.03	−75 04 31.3	8.21		H	71.883 442 01	−75.075 358 78		1.40	7.53	10.54	0.60	0.62	0.64	0.62	0.74	+ 3	+13	− 5	−29	−12	+18	−13	−14	− 1	+ 2	0	−0.09
22260	H	04 47 34.65	−79 48 26.1	7.85		G	71.894 375 77	−79.807 242 98	A	2.14	−1.42	2.37	2.09	1.65	1.55	2.11	1.58	−16	+ 2	−10	− 1	−11	+18	−10	+ 1	+13	−19	1	−0.30
22261		04 47 35.59	+45 59 58.5	7.83		H	71.898 274 57	+45.999 590 82		6.37	6.30	30.95	1.27	1.29	1.79	1.63	1.20	− 3	+38	−65	− 9	−53	+21	−38	−34	+20	+31	4	2.46
22262		04 47 35.96	+50 34 08.3	7.84		H	71.899 827 74	+50.568 976 29		4.68	−10.60	11.82	0.89	0.65	1.12	1.19	0.81	+34	−16	−32	−21	−19	+31	−21	+36	−15	+48	0	1.16
22263		04 47 36.21	−16 56 05.5	5.49	1	H	71.900 884 43	−16.934 867 28		75.10	130.41	169.20	0.50	0.45	0.80	0.66	0.64	+ 7	+23	−17	+13	−13	+18	−20	+ 2	−29	−19	0	0.07
22264		04 47 37.03	+11 47 12.0	8.94		H	71.904 299 09	+11.786 675 53		6.95	−16.42	10.20	1.33	0.80	1.48	1.67	1.09	+ 4	+42	−11	+11	+ 0	+12	+ 0	+35	+ 4	+21	5	−0.94
22265		04 47 37.52	+18 15 31.7	8.54		G	71.906 338 46	+18.258 815 21		19.81	78.87	−38.81	1.23	1.08	1.43	1.82	1.57	+37	+14	−38	+25	+49	−25	+23	+68	−31	+75	0	0.19
22266		04 47 37.98	+13 06 57.4	11.97		H	71.908 266 27	+13.115 935 04	B	6.12	−3.72	−36.91	51.33	28.83	27.16	30.56	22.68	+23	+51	− 8	− 3	− 7	− 7	−17	+13	−15	+37	2	0.09
22267		04 47 40.02	+13 06 52.8	8.73		H	71.916 733 92	+13.114 665 74	A	5.77	26.25	−2.37	2.49	1.60	2.04	2.76	2.01	+14	+35	−13	− 2	−12	+ 4	−17	+13	−11	+31	2	0.09
22268		04 47 40.04	−44 16 06.6	8.11	1	H	71.916 815 61	−44.268 499 67		9.53	−24.46	−32.89	0.60	0.64	0.71	0.66	0.75	− 8	+19	+ 7	−19	− 6	− 5	− 2	+17	+ 9	−14	0	−1.11
22269		04 47 41.29	−20 23 36.9	8.87		H	71.922 028 14	−20.393 584 52		2.07	11.87	−15.54	0.96	0.89	1.33	1.25	1.05	−24	+17	+ 4	+ 9	−38	+10	−35	+11	−21	−67	4	1.94
22270		04 47 41.38	−00 05 19.6	7.99		H	71.922 400 49	−00.088 775 93		5.97	5.60	−27.94	0.94	0.68	1.15	0.93	0.77	+16	+46	− 9	+41	+24	− 4	+14	+65	−15	+24	0	−0.05
22271		04 47 41.73	+26 09 01.6	10.61		G	71.923 860 71	+26.150 432 49		22.07	110.97	−81.58	1.84	1.25	2.03	2.06	1.56	+ 7	+41	−21	− 9	+ 4	+ 6	+ 4	+ 3	+ 3	+32	0	0.20
22272	H	04 47 43.10	+40 13 57.1	8.67	2	H	71.929 565 18	+40.232 537 39	A	−2.19	3.94	−0.92	4.12	2.63	2.97	2.42	1.86	− 4	+40	−12	−23	+ 4	−31	−12	−16	−29	− 1	3	0.57
22273		04 47 43.23	+15 11 27.9	8.88		G	71.930 132 78	+15.191 094 85		4.34	17.05	28.77	1.15	0.86	1.26	1.67	1.21	+15	+ 8	−19	+11	+16	+11	+11	+45	− 5	+35	0	1.00
22274		04 47 45.97	−46 02 37.4	8.93		H	71.941 523 13	−46.043 718 69		9.81	51.79	−13.24	0.74	0.70	0.81	0.73	0.78	−10	+18	− 9	+19	−16	+20	−18	+20	−13	−13	1	−0.98
22275		04 47 46.32	+36 43 22.1	7.51	3	T	71.942 982 22	+36.722 803 66		2.20	−0.19	−3.56	0.95	0.65	1.13	0.90	0.71	− 2	+53	−25	+10	+13	− 8	− 3	+24	−23	+22	0	0.63
22276		04 47 46.43	−38 03 55.0	9.20		H	71.943 476 21	−38.065 281 01		6.15	9.40	13.50	0.67	0.79	0.88	0.72	0.86	− 8	+11	+13	−24	+ 2	+ 6	+ 2	− 5	+ 3	−15	1	−0.11
22277	H	04 47 46.57	−20 48 35.0	8.04		H	71.944 033 34	−20.809 713 80	A	2.90	−5.35	4.45	1.29	1.21	1.67	1.34	1.31	−15	+13	− 1	+27	−37	−20	−45	+ 9	− 7	−43	1	1.57
22278		04 47 48.76	−58 21 41.4	8.52		H	71.953 180 34	−58.361 512 32		14.25	2.78	58.54	0.77	0.72	0.80	0.83	0.90	− 8	+25	+10	+25	+ 1	− 9	+ 3	+ 9	+13	−23	0	−1.71
22279	H	04 47 49.52	+53 18 04.6	6.77		H	71.956 339 41	+53.301 277 12	A	8.14	15.86	−77.88	1.03	0.86	1.02	1.05	0.79	−23	− 7	− 9	+32	−14	−20	−18	+39	−12	+ 2	2	0.68
22280		04 47 49.56	−30 01 14.2	6.35		H	71.956 490 59	−30.020 597 32		6.35	28.97	92.79	0.41	0.51	0.67	0.48	0.61	− 7	+ 6	−23	+ 1	−11	+28	− 5	−14	+ 6	− 1	1	−1.21
22281		04 47 50.56	−40 26 45.2	9.28		H	71.960 650 43	−40.445 897 03		26.35	−51.05	−30.02	0.78	0.80	0.95	0.87	0.94	− 1	− 7	−12	−23	− 6	+24	− 5	+ 1	− 5	+ 8	0	−0.57
22282		04 47 50.70	+49 18 53.6	9.45		H	71.961 241 61	+49.314 893 25		−0.08	1.42	0.13	1.33	0.93	1.48	1.42	1.02	+38	+48	+13	− 6	−35	− 5	−36	+32	−35	+26	0	0.62
22283		04 47 51.82	+55 08 02.4	9.33		H	71.965 908 78	+55.134 009 95		−0.54	−0.20	0.99	1.23	1.04	1.67	1.37	1.07	−39	+40	−55	+ 2	−13	− 1	−22	+23	− 9	− 2	7	0.63
22284		04 47 53.33	+45 29 21.9	7.75		H	71.972 193 76	+45.489 425 77		9.20	19.48	−23.25	1.12	1.15	1.77	1.49	1.23	−17	+43	−69	+28	−37	+36	+ 2	−17	+39	+46	0	1.34
22285		04 47 57.08	+68 38 09.5	9.28		H	71.987 844 90	+68.635 971 12		−0.83	11.90	−20.11	0.63	0.94	1.29	0.80	1.11	+ 1	+25	−25	+ 0	− 7	+ 6	+ 3	−23	+25	+19	0	−0.36
120411		04 47 58.18	−32 09 54.2	11.73		H																							
22286		04 47 59.87	−41 53 31.7	9.17		H	71.999 477 30	−41.892 143 95		19.34	−15.27	−120.15	0.83	0.84	0.98	0.90	1.10	−13	+ 7	− 6	−21	+12	− 5	+12	−10	−13	+ 1	0	−0.48
22287	H	04 48 00.22	+56 45 27.1	5.29		G	72.000 902 98	+56.757 539 19	A	20.12	53.02	−146.40	0.63	0.61	0.79	0.58	0.54	−30	+24	−31	+29	−25	+10	−28	+28	−18	−12	2	−0.19
22288		04 48 01.09	−10 56 00.2	9.53		G	72.004 552 58	−10.933 381 06		38.30	81.99	−108.75	0.81	0.79	1.16	1.07	0.98	+29	+ 8	−26	+18	+19	−13	+14	+37	−27	+26	0	1.62
22289		04 48 01.48	+53 06 58.4	9.59		H	72.006 178 31	+53.116 212 78	B	19.98	−1.24	−0.17	23.28	17.62	11.40	15.02	11.72	+ 0	− 2	−14	+12	−13	−11	−19	+30	−10	+22	1	1.54
22290		04 48 01.72	+53 07 19.2	7.56		H	72.007 175 00	+53.122 001 92	A	7.48	−6.93	3.76	1.71	1.43	1.58	2.00	1.56	− 5	− 5	−16	+28	−12	−16	−17	+42	−13	+18	1	1.54
22291		04 48 02.08	+22 10 11.7	9.61		H	72.008 671 06	+22.169 915 20		8.38	−34.20	−31.47	1.68	0.91	1.92	1.66	1.19	+18	+60	− 2	+11	+10	+14	− 9	+52	−21	+30	4	0.34
22292		04 48 02.91	−10 35 23.8	8.09		H	72.012 132 47	−10.589 958 05		5.31	−12.04	−17.82	0.71	0.65	1.01	0.89	0.77	+20	+19	−33	+22	+16	−16	+ 5	+35	−31	+33	0	0.23
22293		04 48 03.86	−39 58 53.1	9.88		H	72.016 073 36	−39.981 413 96		5.68	11.85	12.77	0.85	1.05	1.11	1.03	1.30	− 9	+ 0	−19	−11	+ 6	+14	+ 3	+14	− 8	+18	3	1.16
22294		04 48 04.17	+50 42 51.8	8.45		H	72.017 390 46	+50.714 393 54		7.56	40.51	−46.72	1.05	0.73	1.30	1.41	0.87	+30	−22	−35	−33	−24	+40	−23	+27	− 9	+41	0	−1.53
22295		04 48 05.00	−80 46 45.6	8.14	1	H	72.020 841 67	−80.779 337 78		16.55	47.95	40.56	0.54	0.52	0.62	0.56	0.71	−16	+17	− 5	+ 9	−20	+ 7	−25	−14	− 5	−11	0	1.75
22296		04 48 05.89	+00 40 32.9	7.49		G	72.024 550 71	+00.675 809 77		17.29	−36.32	−11.79	0.86	0.67	1.00	0.99	0.81	+35	+25	− 7	+37	+39	−22	+34	+71	−15	+37	2	−0.09
22297		04 48 06.02	+52 36 22.8	9.03		H	72.025 075 92	+52.606 340 29		2.64	9.63	−16.91	1.14	0.95	1.26	1.43	1.06	−10	+22	−19	+27	−30	+ 2	−29	+51	−19	−11	0	−0.24
*22298		04 48 06.46	+25 48 25.9	8.96		H	72.026 926 77	+25.807 182 82		13.51	−50.89	−13.96	1.16	0.81	1.31	1.34	0.95	+ 3	+31	−27	+ 1	+11	+15	+14	+10	+ 3	+28	0	−0.57
*22299		04 48 06.44	−63 28 49.1	7.16		H	72.026 816 38	−63.480 305 91		4.86	−27.54	−9.72	0.51	0.52	0.55	0.47	0.57	− 4	+18	+ 0	−33	+12	− 9	+10	− 8	− 5	+ 6	1	1.17
22300		04 48 06.94	+55 36 10.2	6.32		H	72.028 930 35	+55.602 845 72		19.60	79.29	−96.37	0.58	0.50	0.82	0.63	0.54	− 4	+30	−40	+ 5	− 8	− 1	−16	+26	−17	+28	0	1.18

18251	49792

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
22201	9.218	0.022	8.712	0.021		0.476	0.028	T	0.55	0.03	L	8.7810	0.0028	0.022	60		8.75	8.81					1							
22202	9.876	0.020	9.388	0.020		0.485	0.015	G	0.56	0.02	H	9.4447	0.0026	0.023	118		9.41	9.49		C			1							
22203	9.162	0.023	8.360	0.019		0.665	0.006	G	0.73	0.01	H	8.4390	0.0017	0.011	53		8.41	8.46					1							
22204	10.728	0.040	9.236	0.020		1.256	0.035	T	1.21	0.04	L	9.2411	0.0022	0.020	109		9.20	9.29					1							
22205	9.527	0.015	7.760	0.007		1.472	0.013	T	1.49	0.02	L	7.7482	0.0015	0.014	122		7.73	7.77		C			1							S
22206	11.463	0.088	10.578	0.070	A	0.903	0.008	G	0.95	0.01	I *	10.2008	0.0035	0.035	65	*	10.17	10.28		D	04465−0436	I 1	2 C A	AB	179	1.618	0.009	0.73	0.05	G
22207	8.967	0.015	8.446	0.014		0.489	0.019	T	0.56	0.02	L	8.5024	0.0020	0.013	58		8.47	8.53		C			1							
22208	8.665	0.018	8.265	0.018		0.427	0.006	G	0.49	0.01	H	8.2862	0.0019	0.011	56		8.27	8.31					1							S
22209	8.712	0.016	8.202	0.016	*	0.489	0.017	T	0.56	0.02	L *	8.4510	0.0016	0.021	151	*	8.42	8.50		D	04466−2247	I 1	2 C A	AB	54	1.635	0.005	0.82	0.02	S
22210	9.955	0.027	8.784	0.018		1.004	0.025	T	0.98	0.02	L	8.8468	0.0015	0.015	95		8.81	8.87					1							
22211	10.451	0.047	8.618	0.018		1.600	0.020	G	1.57	0.02	J	8.5612	0.0021	0.016	69		8.54	8.59		C			1							
22212	9.984	0.031	8.200	0.014		1.486	0.027	T	1.51	0.04	L	8.1391	0.0017	0.011	65		8.12	8.17		C			1							
22213	7.853	0.007	7.259	0.008		0.568	0.003	G	0.64	0.00	H	7.3256	0.0010	0.010	127		7.31	7.35		C			1							S
22214	9.153	0.016	8.125	0.011		0.895	0.015	T	0.90	0.01	L	8.1863	0.0014	0.013	100		8.16	8.21		C			1							
22215	10.161	0.027	9.442	0.023		0.679	0.015	G	0.74	0.01	H	9.5073	0.0021	0.022	139		9.46	9.55		C			1							
22216	8.418	0.010	8.221	0.012		0.188	0.015	T	0.21	0.02	L	8.2581	0.0011	0.013	119		8.24	8.28					1							
22217	11.151	0.092	10.183	0.068		0.814	0.010	G	0.85	0.01	H	10.3374	0.0031	0.020	31		10.29	10.68		D			1							G
22218	9.314	0.014	8.811	0.014		0.484	0.015	T	0.56	0.02	L	8.8428	0.0016	0.021	125		8.81	8.88					1							S
22219	10.124	0.024	9.379	0.020		0.667	0.024	T	0.73	0.02	L	9.4360	0.0015	0.017	112		9.40	9.46		C			1							
22220	7.194	0.008	6.096	0.007		0.934	0.006	G	0.93	0.00	H	6.1545	0.0010	0.005	39		6.14	6.16					1							S
22221	7.906	0.008	7.300	0.010		0.560	0.004	G	0.63	0.00	H	7.3631	0.0027	0.014	66		7.33	7.38		U 2			1 G							S
22222	10.776	0.052	10.234	0.053		0.508	0.067	T	0.58	0.07	L	10.2902	0.0031	0.025	86		10.24	10.32		C			1							G
22223	10.068	0.025	8.602	0.013		1.235	0.022	T	1.19	0.02	L	8.5981	0.0022	0.025	139		8.57	8.64		U			1 G							
22224	10.851	0.079	9.701	0.046		0.967	0.005	G	1.01	0.01	I	9.7398	0.0028	0.021	47		9.70	9.78					1							
22225	11.665	0.127	9.373	0.028	*	1.260	0.243	G	1.93	0.12	S *	9.2652	0.0049	0.029	62	*	9.21	9.30		R	04468+1618	H 1	2 C S B	AB	170	0.112	0.010	0.07	0.92	
22226	8.313	0.008	7.911	0.008		0.393	0.009	T	0.46	0.01	L	7.9525	0.0009	0.012	198		7.93	7.98					1							S
22227	8.460	0.011	7.934	0.009		0.498	0.015	G	0.57	0.02	H	7.9997	0.0014	0.014	116		7.98	8.03					1 G							S
22228	9.167	0.027	8.761	0.019	*	0.397	0.027	T	0.46	0.03	L *	9.1550	0.0023	0.023	144	*	9.11	9.20		D	04468−2141	I 1	2 C A	AB	242	2.038	0.006	1.46	0.03	
22229	8.409	0.011	7.795	0.010		0.581	0.001	G	0.65	0.00	H	7.8498	0.0012	0.013	109		7.83	7.96	1.21	P 1 A			1							S P
22230	9.911	0.025	8.518	0.014		1.178	0.022	T	1.14	0.02	L	8.5677	0.0016	0.010	77		8.55	8.59		C			1							
22231	8.415	0.009	7.208	0.006		1.020	0.015	G	1.00	0.02	A	7.2711	0.0016	0.013	134		7.25	7.31			04470−2113	I 1	1							S
22232	9.493	0.016	8.311	0.010		1.013	0.015	T	0.99	0.01	L	8.3700	0.0012	0.013	113		8.34	8.39		C			1							
22233	8.825	0.010	7.623	0.007		1.029	0.010	T	1.00	0.01	L	7.6703	0.0010	0.013	137		7.65	7.69		C			1							S
22234	11.467	0.074	10.937	0.069		0.497	0.091	T	0.57	0.10	L	11.0209	0.0216	0.241	165		10.87	11.48	0.53	P 1 A			1							G P
22235	8.521	0.010	7.442	0.007		0.934	0.009	T	0.93	0.01	L	7.5009	0.0011	0.011	125		7.48	7.52		C			1							S
22236	7.268	0.006	7.226	0.009		0.064	0.005	G	0.07	0.01	H	7.2320	0.0008	0.007	52		7.22	7.25		C			1							S
22237	11.337	0.068	11.210	0.101		0.104	0.028	G	0.12	0.03	H	11.2998	0.0061	0.052	96		11.20	11.38					1							G
22238	9.222	0.018	8.673	0.017		0.514	0.022	T	0.59	0.02	L	8.7255	0.0014	0.009	62		8.70	8.75					1							
22239	7.401	0.008	7.226	0.008		0.160	0.015	G	0.18	0.01	H	7.2477	0.0013	0.007	50		7.23	7.26		C	04471+1003	I 1	1							S
22240	8.130	0.010	6.908	0.005		1.044	0.009	T	1.01	0.01	L	6.9624	0.0010	0.008	108		6.95	6.98		C			1							S
22241	10.225	0.045	9.436	0.037		0.716	0.045	T	0.77	0.04	L	9.4968	0.0032	0.017	41		9.47	9.52		C			1							
22242	8.360	0.010	7.923	0.011		0.441	0.015	G	0.51	0.02	H	7.9684	0.0012	0.011	107		7.95	7.99		C			1							S
22243	9.248	0.020	9.000	0.023		0.236	0.029	T	0.26	0.04	L	9.0458	0.0017	0.015	84		9.02	9.08		C			1							
22244	9.837	0.020	8.565	0.012		1.083	0.018	T	1.05	0.01	L	8.6343	0.0022	0.018	122		8.60	8.67					1							
22245	6.788	0.007	6.767	0.008		0.018	0.002	G	0.04	0.00	H	6.7837	0.0010	0.006	64		6.77	6.79		C			1							S
22246	11.110	0.095	10.239	0.072		0.800	0.040	G	0.84	0.04	R	10.2625	0.0055	0.023	41		10.24	10.29		D			1 S							G
22247	10.910	0.045	7.895	0.008		2.391	0.033	T	2.44	0.03	L	7.6643	0.0071	0.080	128		7.52	7.80		U 2			1							S P
22248	10.242	0.031	8.926	0.018		1.118	0.028	T	1.08	0.03	L	9.0094	0.0017	0.014	98		8.98	9.03		C			1							
22249	7.769	0.007	7.335	0.009	A	0.448	0.015	G	0.52	0.02	H *	7.3268	0.0012	0.010	103	*	7.31	7.35		D	04474−6129	I 1	2 C A	AB	45	2.648	0.016	2.85	0.06	S
22250	9.708	0.025	9.358	0.027		0.332	0.034	T	0.39	0.05	L	9.3962	0.0031	0.022	50		9.36	9.44		D			1							
22251	9.742	0.021	9.324	0.021		0.409	0.024	T	0.48	0.03	L	9.3966	0.0030	0.022	108		9.35	9.43					1							
22252	9.940	0.016	9.017	0.012		0.803	0.015	T	0.83	0.01	L	9.0842	0.0019	0.022	162		9.05	9.13		C			1							
22253	12.091	0.189	10.645	0.075		1.112	0.004	G	1.07	0.00	H	10.8194	0.0031	0.031	85		10.77	10.88		C			1							G
22254	10.765	0.042	10.005	0.032		0.678	0.040	T	0.74	0.03	L	10.0702	0.0028	0.030	116		10.02	10.12		C			1							
22255	9.030	0.023	8.618	0.023	−	0.463	0.400	G	0.50	0.07	L *	8.5576	0.0018	0.013	60	−	8.54	8.58		D	04475+4324	I 1	3 C B							G
22256						1.500	0.510	G	1.53	0.76	R	9.9716	0.1288	1.260	82		8.78	12.64	232.60	P 1 B			1 V							D P
22257	10.544	0.032	9.783	0.026		0.679	0.031	T	0.74	0.03	L	9.7998	0.0025	0.025	99		9.76	9.84		C			1							
22258	8.635	0.013	8.266	0.014		0.340	0.015	G	0.40	0.02	H	8.3201	0.0022	0.013	52		8.30	8.34					1							S
22259	10.244	0.028	8.388	0.012		1.543	0.024	T	1.60	0.05	L	8.3286	0.0012	0.012	106		8.31	8.35		C			1							
22260	8.314	0.009	7.925	0.009	*	0.362	0.015	G	0.42	0.02	H *	7.9330	0.0014	0.015	121	*	7.91	7.95		D	04476−7948	I 1	2 C A	AB	89	0.570	0.002	0.02	0.01	S
22261	10.199	0.047	8.081	0.017		1.791	0.041	T	2.76	0.05	O	7.8026	0.0019	0.014	44		7.78	7.82					1							
22262	9.061	0.015	7.945	0.011		0.962	0.014	T	0.95	0.01	L	7.9990	0.0012	0.011	99		7.98	8.02		C			1							S
22263	6.267	0.003	5.557	0.003		0.632	0.006	G	0.69	0.02	A	5.6184	0.0016	0.010	131		5.60	5.63		M			1							S
22264	9.557	0.029	9.022	0.028		0.502	0.036	T	0.57	0.04	L	9.0497	0.0029	0.017	58		9.02	9.08					1							
22265	9.441	0.021	8.598	0.017		0.720	0.002	G	0.77	0.00	H	8.6680	0.0022	0.017	58		8.64	8.70		C			1							
22266											T	12.2163	0.1264			B				D	04477+1307	I 2	1 C I D							D
22267	9.286	0.019	8.783	0.018	A	0.473	0.024	T	0.54	0.03	L	8.8327	0.0080	0.012	60	A	8.81	8.85		D	04477+1307	I 2	1 C P D							D
22268	8.469	0.009	8.144	0.010		0.326	0.012	G	0.38	0.02	H	8.1930	0.0023	0.021	127		8.16	8.23		U			1							S
22269	10.415	0.028	8.983	0.014		1.208	0.025	T	1.17	0.03	L	9.0368	0.0016	0.022	142		9.00	9.07		D			1							
22270	8.481	0.010	8.042	0.010		0.417	0.002	G	0.48	0.00	H	8.0870	0.0009	0.008	71		8.07	8.10		D			1							S
22271	11.887	0.152	10.751	0.092		1.174	0.005	G	1.29	0.01	I	10.7219	0.0027	0.025	57		10.67	10.75		C			1							G
22272	9.034	0.029	8.707	0.031	*	0.310	0.039	T	0.36	0.05	L *	8.7494	0.0133	0.074	35	*	8.67	8.87	3.24	P 1 A	04477+4014	I 1	2 C A	AB	94	0.406	0.020	1.56	0.13	P
22273	10.340	0.049	8.988	0.026		1.120	0.020	G	1.08	0.02	I	9.0188	0.0019	0.013	53		9.00	9.03		C			1							
22274	9.524	0.017	8.985	0.016		0.513	0.017	T	0.59	0.02	L	9.0431	0.0015	0.017	113		9.01	9.07		C			1							
22275	8.733	0.020	7.613	0.014		0.965	0.019	T	0.95	0.01	L	7.6278	0.0758	0.368	46		7.21	8.02	6.46	P 1 A			1 S							S
22276	9.925	0.022	9.262	0.019		0.605	0.022	T	0.67	0.02	L	9.3333	0.0021	0.023	121		9.30	9.38		C			1							
22277	8.213	0.009	7.984	0.010	*	0.213	0.013	T	0.24	0.01	L *	8.1057	0.0019	0.020	145	*	8.07	8.14		R	04478−2049	I 1	2 C A	AB	346	3.389	0.005	1.33	0.03	S
22278	9.334	0.016	8.597	0.013		0.660	0.016	T	0.72	0.01	L	8.6545	0.0020	0.016	94		8.62	8.68					1							S
22279	7.310	0.007	6.830	0.006	*	0.452	0.008	T	0.52	0.01	L *	6.8668	0.0009	0.008	92	*	6.86	6.89		D	04478+5318	I 1	2 C A	AB	350	0.635	0.002	1.27	0.01	S
22280	7.733	0.006	6.473	0.004		1.071	0.001	G	1.06	0.04	E	6.5161	0.0007	0.008	160		6.51	6.53		C			1							S
22281	10.511	0.033	9.351	0.021		0.974	0.001	G	1.02	0.00	I	9.4227	0.0023	0.023	110		9.38	9.46		C			1							
22282	9.652	0.021	9.502	0.026		0.144	0.031	T	0.16	0.03	L	9.5000	0.0020	0.015	103		9.46	9.53					1							G
22283	9.554	0.021	9.351	0.025		0.194	0.031	T	0.21	0.04	L	9.3923	0.0024	0.021	109		9.35	9.43		C	04479+5508	I 1	1 S							
22284	8.049	0.019	7.784	0.015		0.252	0.023	T	0.28	0.03	L	7.8250	0.0009	0.009	34		7.80	7.84					1							S
22285	9.557	0.013	9.296	0.014		0.249	0.018	T	0.28	0.02	L	9.3490	0.0020	0.027	195		9.29	9.39					1							
120411									−0.07	0.03	L	11.7065	0.0620	0.063	2		11.63	11.79												G
22286	10.411	0.031	9.336	0.021		0.956	0.006	G	1.00	0.01	I	9.3123	0.0021	0.020	112		9.28	9.34		C	04480−4154	I 1	1							
22287	5.574	0.003	5.302	0.003	*	0.246	0.003	G	0.22	0.03	C *	5.3476	0.0005	0.006	98	*	5.34	5.36		D	04480+5645	I 1	2 C B	AD	13	0.609	0.022	4.12	0.12	S
22288	11.011	0.052	9.565	0.024		1.135	0.015	G	1.22	0.02	I	9.6080	0.0020	0.019	110		9.57	9.64		C			1							
22289	9.704	0.041	9.362	0.044	B	0.324	0.056	T	0.38	0.08	L	9.3677	0.0800			B				D	04480+5307	I 2	1 C I A							
22290	7.778	0.011	7.577	0.013	A	0.192	0.016	T	0.21	0.02	L	7.6263	0.0202	0.039	96	A	7.55	7.67		D	04480+5307	I 2	1 C P A							S
22291	10.336	0.035	9.674	0.031		0.614	0.039	T	0.68	0.04	L	9.7449	0.0023	0.020	77		9.71	9.77		C			1							
22292	9.407	0.019	8.204	0.013		1.029	0.018	T	1.00	0.01	L	8.2569	0.0016	0.014	107		8.24	8.29		C			1							
22293	10.359	0.028	9.876	0.028		0.467	0.031	T	0.54	0.03	L	9.9796	0.0021	0.023	112		9.92	10.02		C			1							
22294	9.911	0.026	8.586	0.015		1.125	0.023	T	1.09	0.02	L	8.6195	0.0018	0.016	97		8.60	8.65					1							
22295	8.779	0.011	8.211	0.010		0.538	0.015	G	0.61	0.02	H	8.2566	0.0014	0.015	112		8.23	8.29		U			1							S
22296	7.977	0.009	7.521	0.010		0.453	0.009	G	0.52	0.01	H	7.5881	0.0010	0.008	81		7.58	7.60		C			1							S
22297	9.537	0.022	9.064	0.022		0.446	0.028	T	0.52	0.03	L	9.1330	0.0028	0.021	81		9.11	9.17		C			1							
22298	9.585	0.023	8.988	0.021		0.557	0.027	T	0.63	0.03	L	9.0792	0.0019	0.015	63		9.05	9.11		C			1							
22299	8.400	0.012	7.262	0.008		0.979	0.011	T	0.96	0.01	L	7.3217	0.0009	0.009	102		7.31	7.34		C			1							S
22300	6.695	0.004	6.358	0.004		0.320	0.005	T	0.37	0.01	L	6.3997	0.0006	0.007	101		6.39	6.41		C			1							S

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion μα* mas/yr 12	μδ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	μα* mas/yr 17	μδ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	μα*/α* 22	μα*/δ 23	μα*/π 24	μδ/α* 25	μδ/δ 26	μδ/π 27	μδ/μα* 28	Soln F1 % 29	F2 30
22301		04 48 09.57	−07 00 26.9	7.95		H	72.039 880 26	−07.007 474 69		4.50	−3.22	1.59	0.81	0.62	0.96	1.01	0.78	+18	+14	−19	+23	+20	−7	+14	+29	−28	+16	0	1.33
22302		04 48 11.52	−56 49 02.2	7.47		H	72.047 999 96	−56.817 272 38		2.36	9.56	−4.55	0.55	0.55	0.58	0.63	0.66	+0	−9	−13	−1	−17	+5	−17	+14	+5	−4	0	−0.68
22303		04 48 12.40	+59 14 27.6	7.47		H	72.051 647 16	+59.241 002 65		10.38	−19.87	1.58	0.49	0.45	0.85	0.58	0.54	+3	+12	−19	−1	+17	+3	+14	+39	−17	+8	1	−0.68
22304		04 48 13.84	−09 30 24.1	7.17	1	H	72.057 657 73	−09.506 699 88		4.47	−2.05	−1.08	0.66	0.53	0.80	0.79	0.64	+4	+16	−23	+23	+0	+1	−3	+29	−24	+13	0	−0.13
22305		04 48 14.65	−01 05 04.3	9.91		H	72.061 035 53	−01.084 530 70		1.55	−4.62	−8.45	1.69	1.08	1.99	1.88	1.27	−6	+34	+12	+27	−2	+2	−5	+46	−10	−15	0	0.63
22306		04 48 15.59	+23 45 49.1	10.19		H	72.064 975 91	+23.763 634 03		9.62	104.74	−167.97	1.49	1.01	1.65	1.76	1.23	+23	+41	+5	+2	+1	−17	−3	+19	−14	+16	0	−0.63
22307		04 48 15.78	−00 23 27.2	8.44		H	72.065 738 81	−00.390 899 24		3.58	2.92	−10.25	1.14	0.73	1.35	1.17	0.86	−3	+43	−18	+34	+11	−11	+1	+62	−16	+10	2	2.60
22308		04 48 18.76	−26 51 13.6	9.68		H	72.078 179 02	−26.853 768 33		9.00	54.28	−4.12	0.81	1.11	1.45	0.95	1.32	−3	+20	−26	−19	−5	−4	−8	+24	−8	+3	0	−0.30
22309		04 48 19.05	+29 14 09.2	6.89		H	72.079 377 37	+29.235 879 69		11.55	38.66	−61.62	0.90	0.58	0.97	1.15	0.68	−9	+34	−13	+12	−2	+2	−4	+24	−11	−18	0	−0.13
22310		04 48 19.28	−19 43 47.3	7.77	1	H	72.080 341 56	−19.729 804 80		0.71	3.58	−3.18	0.71	0.57	0.94	0.85	0.72	−26	+19	−10	+16	−25	+16	−31	+6	−25	−56	0	0.61
22311		04 48 19.34	+18 33 56.5	9.65		H	72.080 585 45	+18.565 701 40		3.24	−18.33	−13.32	1.61	1.46	1.81	2.36	2.16	+47	+9	−39	+29	+53	−20	+31	+70	−31	+78	0	−0.95
22312		04 48 19.44	+67 45 48.6	7.00		H	72.081 016 13	+67.763 498 23		13.95	57.02	−81.64	0.37	0.54	0.75	0.48	0.61	−1	+8	−22	−9	−5	+10	+0	−27	+10	+20	1	−0.25
22313		04 48 20.45	+26 57 59.0	7.89		H	72.085 199 58	+26.966 382 94		2.67	−9.93	−8.65	1.20	0.87	1.25	1.63	1.10	+28	+31	−23	−22	−47	+14	−39	−25	+11	+55	0	0.20
22314		04 48 22.74	+29 46 23.0	7.41		G	72.094 748 36	+29.773 065 88		5.10	5.12	−25.84	0.89	0.61	1.02	0.99	0.72	+5	+36	−10	−15	+11	+9	+1	−1	−23	+14	0	1.22
22315		04 48 23.40	−19 51 08.5	7.53	1	H	72.097 507 49	−19.852 365 43		2.45	14.42	−1.40	0.70	0.55	0.87	0.83	0.70	−31	+13	−11	+27	−31	+7	−38	+10	−21	−56	0	−0.42
22316		04 48 23.46	−01 51 59.3	9.16	1	H	72.097 769 34	−01.866 459 01		2.69	−2.30	−6.94	1.05	0.74	1.21	1.44	0.95	+1	+11	+6	+34	−3	−3	−3	+38	−7	−5	0	−2.20
22317		04 48 24.49	+01 28 05.6	8.72		H	72.102 040 91	+01.468 232 94		2.38	−5.28	−4.21	1.07	0.72	1.19	1.24	0.85	+12	+37	+7	+44	+17	+11	+15	+65	−2	+4	0	0.32
22318		04 48 25.62	−45 00 39.2	9.56		G	72.106 733 29	−45.010 900 45		5.48	27.17	24.26	0.93	0.88	1.04	0.96	1.07	+7	+23	+8	−12	−4	−6	−2	+17	+16	+11	0	−0.59
22319		04 48 27.65	+02 42 54.5	6.51		H	72.115 215 71	+02.715 138 34		21.03	4.94	80.79	0.80	0.58	0.86	0.94	0.69	+17	+21	−17	+41	+28	−16	+22	+68	−16	+22	0	−0.48
22320		04 48 28.33	−28 25 09.9	9.12		G	72.118 031 86	−28.419 418 37		18.21	237.92	49.63	0.71	0.99	1.27	0.83	1.17	+4	+9	−26	−17	+1	+13	+3	+4	−3	+13	0	−0.86
22321		04 48 29.45	+59 29 52.5	7.72		H	72.122 727 29	+59.497 917 44		3.05	6.34	−28.62	0.55	0.51	0.90	0.63	0.61	+2	+21	−15	+6	+13	−3	+12	+47	−12	+2	0	−0.56
22322	H	04 48 30.33	−52 37 45.6	8.81		G	72.126 390 91	−52.629 344 21	A	10.28	62.31	190.99	1.44	1.58	1.44	1.36	1.88	−2	+0	−5	+6	+4	−6	+2	+15	+3	+18	2	1.44
22323		04 48 31.65	−49 47 33.8	7.35		G	72.131 859 38	−49.792 720 88		5.73	−15.36	−12.23	0.53	0.53	0.61	0.61	0.69	−1	+3	+6	−1	−12	+5	−12	+6	+26	+0	0	1.25
22324		04 48 32.08	+10 57 59.0	8.82		H	72.133 682 47	+10.966 397 38		3.21	−4.54	−1.90	1.41	0.94	1.78	1.95	1.21	+12	+29	−36	−3	+33	−41	+6	+50	−43	+35	0	0.76
22325		04 48 32.53	−16 19 46.5	5.76		G	72.135 536 07	−16.329 580 93		24.06	7.09	39.68	0.48	0.42	0.75	0.67	0.61	+12	+21	−6	+23	−24	+4	−32	+5	−13	−24	0	−1.02
*22326		04 48 33.31	−11 45 08.0	8.34	2	H	72.138 777 04	−11.752 219 00		5.22	−2.37	−11.22	0.66	0.63	1.01	0.89	0.83	+26	+13	−9	+16	+21	−13	+18	+34	−24	+14	0	2.66
*22327	H	04 48 33.31	+12 55 31.6	7.69		H	72.138 773 97	+12.925 449 36	*	5.18	−6.57	−12.59	2.62	1.03	1.17	1.42	1.01	+12	+30	−12	−7	−15	+16	−13	+1	+1	+31	2	0.46
22328		04 48 33.76	+35 38 06.3	9.48		H	72.140 678 12	+35.635 088 68		0.69	12.85	−21.91	1.33	1.06	1.53	1.48	1.21	+4	+44	−35	+14	+31	−6	+15	+45	−16	+45	0	0.60
22329		04 48 33.78	−43 58 48.1	6.72		G	72.140 737 72	−43.980 039 86		4.56	11.44	24.81	0.48	0.48	0.55	0.56	0.57	−15	+12	−8	−6	−7	+3	−6	+3	−1	−24	1	−0.56
22330		04 48 34.06	−07 39 09.1	9.12		H	72.141 897 10	−07.652 540 64		4.41	−1.44	−4.12	0.91	0.73	1.16	1.05	0.94	+9	+21	−25	+31	+6	−12	−3	+27	−30	+24	0	1.77
22331		04 48 34.44	+48 32 39.9	8.97		H	72.143 502 70	+48.544 408 21		−3.98	8.17	−8.01	1.14	0.83	1.27	1.29	0.95	+23	+33	+17	+9	−26	−18	−27	+44	−21	+20	6	2.66
22332		04 48 34.85	−47 29 23.1	9.48		H	72.145 194 87	−47.489 753 02		6.00	30.39	47.31	0.84	0.85	0.96	0.92	1.00	+0	−14	+1	−7	−14	+10	−15	+4	−7	+4	1	−0.58
22333		04 48 35.57	−20 25 45.9	8.60		H	72.148 207 24	−20.429 428 13		10.00	−2.25	−64.79	0.84	0.78	1.24	0.98	0.87	−23	+23	+7	+17	−37	−6	−41	+6	−12	−58	1	1.09
22334		04 48 35.65	+24 44 35.5	8.25		G	72.148 560 97	+24.743 189 54		7.34	40.52	−31.02	1.08	0.69	1.18	1.16	0.81	−18	+40	−30	−15	+8	+14	+11	−8	+0	+7	0	−1.01
22335		04 48 36.01	+50 37 38.0	9.25		H	72.150 047 34	+50.627 221 33		2.01	3.84	−2.87	1.20	0.82	1.47	1.53	1.00	+30	−3	−32	−36	−23	+25	−27	+26	−24	+42	0	0.85
22336		04 48 36.20	−05 40 24.4	5.77		H	72.150 843 20	−05.673 438 77		37.73	312.68	−249.28	0.75	0.52	0.89	0.75	0.62	+3	+46	−22	+38	+5	+4	−7	+41	−26	+18	2	−0.89
22337		04 48 38.38	+42 35 38.8	8.42		G	72.159 922 10	+42.594 114 72		4.68	−29.74	−23.47	1.13	0.77	1.33	1.16	0.85	−2	+47	−24	−8	+8	−22	−7	+16	−21	+15	0	0.68
*22338		04 48 38.46	−71 01 11.2	9.81		H	72.160 229 92	−71.019 782 95		5.97	19.99	40.55	1.19	1.06	1.13	1.22	1.40	+1	+23	+2	−43	−3	+12	−6	−29	−9	−8	3	0.80
*22339		04 48 38.45	+58 23 23.5	7.66		H	72.160 211 38	+58.389 865 36		8.01	−8.14	−54.40	0.56	0.52	0.91	0.65	0.61	+5	+15	−13	+17	+11	−13	+6	+43	−13	+13	0	−1.27
22340		04 48 38.52	−49 10 11.9	8.86		G	72.160 498 90	−49.169 958 66		2.92	−0.74	−0.30	0.72	0.72	0.81	0.83	0.84	−2	+13	+13	+11	−20	−3	−17	+10	+18	−15	0	0.20
22341		04 48 38.60	−01 21 22.8	8.33		H	72.160 825 49	−01.356 345 90		1.79	15.28	3.27	1.09	0.66	1.24	1.27	0.80	−5	+39	−8	+16	−6	−8	−11	+37	−11	+0	0	0.28
22342		04 48 38.99	−24 13 55.6	8.89		H	72.162 471 99	−24.232 106 39		0.95	4.11	−1.06	0.56	0.82	1.11	0.78	1.20	−7	+7	−15	+18	+3	+7	+4	+19	+0	+18	1	0.05
22343		04 48 39.43	+03 38 57.4	7.32		H	72.164 300 09	+03.649 276 16		3.18	12.60	2.71	0.82	0.58	0.93	0.93	0.68	+21	+35	−9	+27	+36	+2	+30	+67	−16	+18	0	1.41
22344		04 48 40.38	−15 13 39.6	8.24		H	72.168 241 92	−15.227 666 79		4.72	−7.86	−4.51	0.62	0.56	1.08	0.90	0.79	+20	+7	−11	−8	−22	+31	−17	+2	−15	−25	0	−2.15
22345		04 48 40.54	+70 31 36.9	7.44		H	72.168 920 95	+70.526 913 51		0.28	6.28	−15.67	0.38	0.61	0.83	0.41	0.72	−22	+5	+6	−9	+13	+5	+14	−12	+15	−21	0	0.69
22346		04 48 41.05	+07 50 23.7	7.10		H	72.171 037 89	+07.839 915 25		3.89	−7.92	24.38	0.86	0.57	0.96	1.04	0.76	+27	+35	−13	+4	−1	−16	−11	+20	−18	+49	0	1.90
22347		04 48 41.26	+16 38 04.1	7.57		G	72.171 918 32	+16.634 468 36		11.55	24.76	−79.26	0.89	0.63	0.99	1.02	0.79	+28	+29	+4	+17	+22	+14	+11	+52	−5	+45	0	0.00
22348		04 48 41.39	+10 52 02.3	9.29		G	72.172 464 09	+10.867 314 64		−1.26	2.00	−1.47	1.56	1.00	1.90	2.12	1.31	+11	+29	−27	+0	+30	−39	+7	+46	−39	+34	0	−1.46
22349		04 48 42.02	+18 42 37.3	6.95		H	72.175 092 46	+18.710 365 92		32.51	190.15	−384.90	0.90	0.80	0.99	1.28	1.17	+50	+14	−34	+33	+55	−25	+30	+74	−34	+79	0	1.25
22350		04 48 42.07	+21 06 04.0	9.06		G	72.175 304 40	+21.101 099 68		19.30	81.87	−46.43	2.46	1.70	1.67	5.05	4.80	+81	+54	+28	−6	+14	+5	+9	+30	+13	+96	0	0.76
22351		04 48 43.31	+10 23 42.6	8.73		H	72.180 452 34	+10.395 174 56		0.68	−2.72	−3.77	1.38	0.92	1.68	1.96	1.25	+16	+28	−31	+0	+27	−34	+5	+43	−39	+34	0	1.15
22352		04 48 43.86	+21 18 56.9	7.03		H	72.182 763 47	+21.315 807 95		6.20	−6.85	−16.39	0.96	0.57	0.90	1.20	0.91	+54	+50	+23	−30	−14	−6	−30	+12	−4	+75	0	0.69
22353		04 48 44.41	−17 03 43.3	9.89	2	G	72.185 034 62	−17.062 033 41		−0.20	5.05	−3.79	1.09	1.01	1.60	1.30	1.39	−13	+20	−17	+21	−32	+11	−36	+11	−7	−25	0	−0.51
22354		04 48 44.63	+03 35 18.8	6.04		H	72.185 940 25	+03.588 563 74		4.61	−1.25	−15.39	0.77	0.53	0.87	0.88	0.63	+14	+35	−15	+24	+33	−4	+26	+66	−15	+16	0	−0.34
22355		04 48 44.89	+22 18 54.8	9.38		H	72.187 039 23	+22.315 211 17		4.11	−1.94	−32.38	1.37	0.89	1.48	1.66	1.16	+28	+41	−1	−4	+8	+2	−1	+42	−7	+43	2	−0.13
22356		04 48 45.04	+20 21 34.7	10.13		H	72.187 650 03	+20.359 632 61		2.36	−3.70	−2.09	1.64	1.05	1.63	2.38	1.69	+43	+34	+20	−22	−22	−4	−28	+15	+5	+60	0	2.20
22357		04 48 45.87	+19 43 26.3	9.56		H	72.191 127 45	+19.723 984 35		1.17	4.09	−9.24	1.34	0.93	1.43	2.27	1.56	+26	+12	−8	+2	−10	+18	−16	+31	+10	+53	0	0.34
22358		04 48 47.03	−60 15 32.2	6.96		H	72.195 943 06	−60.258 937 44		1.68	0.73	−0.74	0.56	0.52	0.58	0.63	0.62	−6	+17	−16	−17	−2	−4	+2	+6	+14	−13	0	−1.33
22359	H	04 48 47.31	−49 53 08.2	8.16		H	72.197 139 42	−49.885 600 83	A	7.04	142.77	−14.13	0.98	1.05	1.04	1.05	1.24	+3	−10	+0	+10	−3	+11	−6	+5	+15	+9	1	−1.30
22360		04 48 50.00	−23 16 43.5	7.84		G	72.208 325 61	−23.278 749 04		17.34	51.06	−169.03	0.60	0.65	0.99	0.67	0.78	−10	+16	−29	−32	+13	−19	+5	+10	−17	−2	0	0.00
22361		04 48 50.26	+75 56 29.6	5.96		H	72.209 429 83	+75.941 543 57		21.92	37.56	−133.28	0.38	0.44	0.57	0.42	0.48	−3	+10	+2	−12	+10	+20	+10	+2	+7	+4	1	0.35
22362		04 48 51.04	+05 32 41.0	10.57		G	72.212 668 89	+05.544 725 81		13.31	133.59	−107.63	1.79	1.29	2.07	2.16	1.65	+16	+24	−4	+10	+33	+15	+28	+58	−5	+26	0	−0.51
22363		04 48 52.32	+33 59 19.6	8.21		G	72.217 988 29	+33.988 764 38		8.84	1.70	−38.46	0.96	0.69	1.10	0.86	0.71	+6	+45	−27	+7	+26	+4	+14	+35	−11	+46	3	1.70
22364		04 48 52.73	−64 23 17.3	8.56		H	72.219 696 11	−64.388 146 18		2.02	8.22	23.27	0.63	0.77	0.74	0.51	0.87	+12	+11	+3	−33	+31	−3	+28	+16	+0	+40	1	1.13
22365		04 48 53.35	+43 16 32.1	7.70	2	H	72.222 283 43	+43.275 585 19		−1.11	−0.10	−0.21	0.86	0.65	0.95	0.98	0.72	+12	+31	−10	+8	+7	−20	+4	+16	−2	+10	0	1.77
22366		04 48 54.67	−70 15 33.2	8.06		H	72.227 780 12	−70.259 212 25		3.49	−5.33	−11.56	0.67	0.63	0.68	0.81	0.87	+5	−10	+4	−17	−13	+16	−14	−22	−10	+13	0	1.13
22367		04 48 56.26	+03 41 23.0	7.02		H	72.234 432 23	+03.689 734 04		5.84	−15.50	−12.15	0.77	0.55	0.89	0.86	0.64	+16	+37	−16	+32	+31	−1	+23	+69	−17	+20	0	1.33
22368		04 48 56.73	−33 28 20.6	8.04		H	72.236 369 88	−33.472 392 38		7.01	−41.15	32.15	0.59	0.67	0.81	0.68	0.81	−20	+11	−9	+22	−3	+9	−3	+12	−22	−4	0	−0.91
22369		04 48 56.91	−07 06 36.4	7.98		G	72.237 127 08	−07.110 121 96		5.51	−7.21	−5.78	0.90	0.66	1.08	1.08	0.80	+6	+27	−25	+29	+15	−3	+8	+36	−19	+10	2	2.40
22370		04 48 57.44	−47 08 04.6	7.45	2	H	72.239 319 04	−47.134 598 76		5.04	41.97	34.71	0.54	0.56	0.63	0.57	0.64	−3	+10	+0	+6	−16	+24	−20	+23	−7	+2	0	−0.15
22371		04 48 57.67	+69 46 16.5	8.38		H	72.240 294 85	+69.771 247 87		4.90	11.21	−20.17	0.42	0.77	1.01	0.45	0.89	−19	+20	−20	−6	+1	−2	+7	−4	+26	−20	0	1.18
22372		04 48 57.85	−67 42 50.2	7.64		H	72.241 042 98	−67.713 951 17		9.39	−21.87	−24.74	0.55	0.59	0.62	0.61	0.79	−6	+11	−5	+0	+4	−4	+1	+1	−27	−2	0	1.13
22373		04 48 58.01	−28 43 26.8	8.95		H	72.241 699 02	−28.724 101 54		22.50	−96.94	67.70	0.66	0.93	1.22	0.75	1.03	−8	+19	−39	−13	−1	−5	−3	+3	+0	+4	0	2.31
22374		04 48 59.09	−17 07 46.7	8.35		H	72.246 223 77	−17.129 643 71		2.59	16.06	28.01	0.72	0.72	1.14	0.89	0.90	+0	+28	−29	+15	−20	+26	−18	−3	−3	−18	0	0.99
22375		04 49 00.19	+30 58 02.4	8.80		H	72.250 811 42	+30.967 339 28		5.81	14.34	−12.78	1.11	0.89	1.22	1.22	1.07	+6	+23	−16	−13	−1	+4	−1	−16	−8	+36	0	0.77
22376	H	04 49 02.37	+15 51 47.6	8.31		H	72.259 871 76	+15.863 209 10	*	2.18	7.37	−3.81	4.11	3.78	1.81	2.08	1.60	−14	+5	−5	+22	+10	+11	+0	+48	+2	+37	1	0.27
22377	H	04 49 02.37	−41 27 57.9	9.83		H	72.259 875 98	−41.466 096 58	A	6.77	−40.38	−129.96	4.55	5.00	4.09	4.61	5.34	−24	−1	−5	−15	+8	+6	+12	−32	−9	−16	8	1.65
*22378		04 49 02.74	+58 39 31.7	8.74		H	72.261 428 39	+58.658 805 22		2.32	−1.38	−1.45	0.62	0.58	1.10	0.73	0.68	+6	+10	−14	+6	+17	−2	+14	+42	−16	+13	0	−0.71
*22379		04 49 02.42	−88 16 16.2	7.17	2	H	72.260 090 98	−88.271 179 85		2.77	7.79	10.35	0.52	0.58	0.62	0.59	0.67	+1	−2	−12	−17	+4	+10	+8	+16	−5	−6	0	−0.67
22380		04 49 03.47	+18 38 28.8	8.98		G	72.264 460 34	+18.641 337 90		21.38	82.39	−40.86	1.20	1.09	1.46	1.62	1.51	+43	+10	−45	+26	+54	−36	+27	+73	−48	+74	0	−0.20
22381		04 49 04.76	−56 39 59.9	6.59	2	H	72.269 852 15	−56.666 631 50		2.47	−11.48	21.92	0.50	0.49	0.52	0.55	0.59	−2	−3	−5	−2	−19	+8	−19	+18	+7	−3	0	−0.56
22382		04 49 05.51	+27 00 41.9	8.06		G	72.272 953 56	+27.011 639 66		10.71	−25.50	−48.87	1.32	0.88	1.36	1.71	1.09	+33	+40	−15	−24	−50	+19	−38	−29	+10	+51	0	−1.89
22383		04 49 05.74	+61 30 26.8	7.11	2	H	72.273 931 61	+61.507 439 49		4.69	39.85	−21.26	0.63	0.57	0.94	0.82	0.71	−6	+15	−9	+20	+16	−5	+14	+40	+1	−3	1	−0.21
22384		04 49 07.80	+05 12 30.8	8.09		H	72.282 506 91	+05.208 543 21		4.66	−8.34	−6.15	1.05	0.85	1.24	1.28	1.06	+21	+24	−24	+19	+43	+2	+33	+66	−20	+38	0	−0.04
22385		04 49 08.52	+05 13 06.6	9.14		H	72.285 493 73	+05.218 507 47		3.13	−11.33	−6.94	1.26	1.04	1.50	1.53	1.29	+22	+23	−25	+23	+44	+1	+33	+70	−23	+39	0	0.72
22386		04 49 09.09	+11 51 06.9	8.40		H	72.287 888 64	+11.851 920 66		3.31	−3.13	4.97	1.17	0.70	1.34	1.31	0.87	+2	+44	−23	+23	−3	+9	−14	+46	−31	+11	0	−1.11
22387		04 49 09.41	−35 05 01.3	7.74		H	72.289 203 23	−35.083 699 63		19.42	63.24	144.07	0.49	0.62	0.75	0.53	0.72	−3	+14	−23	+13	−11	+16	−12	+14	−27	+12	0	−0.09
22388		04 49 10.25	−21 53 27.9	7.92		H	72.292 699 38	−21.891 073 05		3.46	−5.80	−1.38	0.75	0.67	1.06	0.75	0.76	−2	+17	−9	−39	−14	−1	−9	+5	−21	−23	0	1.47
22389		04 49 10.65	−42 23 05.3	7.26		G	72.294 378 16	−42.384 809 48		5.09	−20.27	4.09	0.51	0.51	0.60	0.54	0.60	−7	+17	−7	−12	+2	+12	+4	−2	+3	−8	1	−1.77
22390		04 49 11.34	−23 03 41.7	7.70	1	H	72.297 246 56	−23.061 572 74		2.07	0.87	2.88	0.64	0.71	1.10	0.67	0.82	+3	+12	−24	−40	+0	−16	+0	+1	−14	−8	0	1.24
22391		04 49 11.75	−34 18 42.4	6.81		H	72.298 969 86	−34.311 769 92		2.57	11.15	−26.20	0.46	0.54	0.65	0.46	0.56	+3	+7	−17	−5	−16	+22	−14	−11	−10	−2	0	−0.59
22392		04 49 12.39	−69 27 23.5	10.50		G	72.301 645 37	−69.456 530 62		1.18	0.21	0.25	1.11	1.15	1.21	1.19	1.38	−3	+5	−3	+2	−8	+17	−9	−17	−18	−6	0	−0.70
22393		04 49 12.84	+31 26 15.4	5.57		H	72.303 479 23	+31.437 624 93		13.90	16.81	−102.84	0.73	0.55	0.81	0.73	0.61	+1	+37	−16	−1	+5	+4	+5	−11	−5	+18	0	1.42
22394		04 49 12.93	+24 48 10.7	9.51		H	72.303 881 44	+24.802 968 68		18.96	85.22	−52.07	1.41	0.96	1.62	1.65	1.21	+10	+18	−23	−25	+16	+10	+8	+9	−25	+33	0	−0.58
22395	H	04 49 13.27	−31 25 35.5	7.88		H	72.305 277 95	−31.426 536 24	A	23.28	109.67	−21.01	0.94	1.01	1.08	0.88	1.05	+1	+11	−34	+20	−7	+2	−5	−7	−23	+7	1	−0.13
22396		04 49 13.53	−04 59 11.4	7.16	1	H	72.306 354 92	−04.986 507 32		0.77	0.75	4.72	0.86	0.58	0.94	0.93	0.72	+1	+35	−13	+42	+2	−9	−7	+51	−19	+14	0	−0.22
22397		04 49 13.87	−41 35 12.9	7.74		H	72.307 810 28	−41.586 921 07		3.10	10.37	−19.40	0.57	0.61	0.69	0.65	0.77	−14	−7	−11	−7	+7	+1	+7	+3	+4	−11	1	−0.75
22398		04 49 14.29	−15 43 05.1	7.91		H	72.309 551 92	−15.718 073 38		0.05	2.94	1.72	0.59	0.57	1.02	0.89	0.81	+23	+14	−1	+2	−20	+20	−18	+6	−17	−26	1	−0.09
22399		04 49 15.09	−22 38 04.9	9.98		G	72.312 861 87	−22.634 707 19		8.96	22.62	−233.69	2.57	2.38	3.79	2.72	3.00	+24	−17	−25	−54	−5	+10	+14	+19	−32	+0	0	1.11
22400		04 49 15.74	+28 21 03.1	7.17		H	72.315 594 64	+28.350 849 21		3.36	−6.22	−7.64	0.90	0.57	0.94	0.98	0.64	−8	+33	−9	−19	+8	+10	+4	+1	−3	+8	0	−0.10

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
22301	9.335	0.019	8.071	0.012		1.077	0.018	T	1.04	0.01	L	8.1149	0.0013	0.009	73		8.10	8.13		C			1							
22302	9.442	0.016	7.631	0.008		1.507	0.014	T	1.54	0.02	L	7.5936	0.0013	0.012	110		7.58	7.62					1							S
22303	7.861	0.005	7.511	0.005		0.332	0.007	T	0.39	0.01	L	7.5517	0.0008	0.011	197		7.53	7.57		C	04482+5914	I 1	1							S
22304	7.047	0.007	7.150	0.007		−0.088	0.002	G	−0.07	0.00	H	7.1417	0.0016	0.013	87		7.12	7.17		U			1							S
22305	11.031	0.071	9.985	0.045		0.909	0.063	T	0.91	0.05	L	10.0647	0.0038	0.022	61		10.02	10.10		C			1							
22306	10.993	0.076	10.355	0.069		0.696	0.086	G	0.75	0.07	R	10.3278	0.0037	0.020	57		10.29	10.36		C			1							G
22307	10.220	0.030	8.589	0.014		1.365	0.026	T	1.33	0.03	L	8.5894	0.0016	0.013	78		8.56	8.61		C			1							
22308	10.442	0.028	9.712	0.023		0.655	0.027	T	0.72	0.02	L	9.8122	0.0022	0.033	168		9.75	9.87		C			1							
22309	7.400	0.008	6.948	0.008		0.461	0.009	G	0.53	0.01	H	6.9975	0.0012	0.009	61		6.98	7.01		C			1							S
22310	9.935	0.022	7.958	0.009		1.639	0.019	T	1.66	0.02	L	7.8778	0.0022	0.017	123		7.85	7.91		U			1							
22311	10.190	0.037	9.771	0.040		0.396	0.050	T	0.46	0.06	L	9.7355	0.0038	0.020	69		9.70	9.77					1							
22312	7.365	0.004	7.028	0.004		0.320	0.005	T	0.37	0.01	L	7.0811	0.0006	0.010	213		7.06	7.10		C			1							S
22313	9.683	0.027	8.065	0.014		1.355	0.024	T	1.32	0.03	L	8.0427	0.0022	0.013	52		8.02	8.08					1							
22314	7.449	0.010	7.409	0.008		0.030	0.015	G	0.05	0.01	H	7.4323	0.0012	0.010	59		7.42	7.45		C			1							S
22315	9.675	0.018	7.754	0.008		1.595	0.016	T	1.61	0.02	L	7.6448	0.0017	0.015	128		7.62	7.67		M			1							S
22316	9.492	0.022	9.179	0.025		0.297	0.031	T	0.34	0.04	L	9.2318	0.0032	0.019	73		9.19	9.27		U			1							
22317	8.709	0.014	8.708	0.017		0.006	0.020	T	0.03	0.02	L	8.7274	0.0019	0.014	72		8.71	8.75		C			1							
22318	9.996	0.022	9.655	0.024		0.407	0.015	G	0.47	0.02	H	9.6587	0.0025	0.023	104		9.59	9.70		C			1							
22319	7.572	0.008	6.610	0.005		0.846	0.007	T	0.86	0.01	L	6.6667	0.0007	0.006	98		6.66	6.68		C			1							S
22320	10.139	0.023	9.170	0.016		0.795	0.015	G	0.84	0.01	H	9.2559	0.0022	0.024	150		9.22	9.30					1							
22321	10.073	0.018	7.959	0.007		1.748	0.015	T	1.77	0.01	L	7.8206	0.0013	0.017	204		7.79	7.85					1							
22322	9.775	0.019	9.085	0.016	A	0.635	0.002	G	0.70	0.00	R	* 8.9455	0.0021	0.020	111	*	8.92	8.98		D	04485−5238	I 1	2 C	A	AB	91	1.174	0.007	0.99	0.03	
22323	8.561	0.010	7.464	0.007		0.970	0.015	G	0.95	0.01	H	7.5039	0.0014	0.011	109		7.48	7.53					1							S
22324	10.358	0.042	8.995	0.023		1.177	0.016	G	1.14	0.01	I	8.9826	0.0012	0.014	55		8.96	9.01					1							G
22325	6.406	0.003	5.821	0.003		0.537	0.008	G	0.59	0.02	A	5.8767	0.0005	0.006	148		5.87	5.89					1							S
22326	8.710	0.012	8.379	0.013		0.355	0.015	G	0.42	0.02	H	8.4226	0.0052	0.046	125		8.35	8.49	0.21	P 1 A	04486−1145	I 1	1							S
22327	8.888	0.016	7.801	0.011	*	0.940	0.015	T	0.93	0.01	L	* 7.8510	0.0008	0.010	62	*	7.84	7.87		D	04486+1256	H 1	2 C	A	AB	349	0.227	0.008	1.48	0.15	S
22328	9.995	0.032	9.502	0.032		0.464	0.041	T	0.53	0.04	L	9.5865	0.0020	0.015	51		9.55	9.83					1							G
22329	7.903	0.007	6.810	0.005		0.948	0.003	G	0.91	0.04	E	6.8724	0.0007	0.007	121		6.86	6.88		C			1							S
22330	9.192	0.017	9.091	0.021		0.098	0.025	T	0.11	0.03	L	9.1590	0.0021	0.015	78		9.14	9.20		C			1							
22331	9.054	0.014	8.978	0.018		0.075	0.021	T	0.09	0.02	L	8.9973	0.0025	0.020	103		8.96	9.03					1							
22332	10.184	0.024	9.517	0.021		0.608	0.024	T	0.68	0.02	L	9.6078	0.0024	0.022	115		9.57	9.65		C			1							
22333	9.159	0.013	8.671	0.012		0.471	0.014	T	0.54	0.01	L	8.7093	0.0018	0.019	140		8.68	8.75		C	04486−2026	I 1	1							S
22334	8.699	0.020	8.291	0.020		0.408	0.015	G	0.47	0.02	H	8.3431	0.0021	0.010	45		8.33	8.36		C			1							
22335	9.339	0.020	9.258	0.026		0.080	0.031	T	0.09	0.03	L	9.2850	0.0024	0.017	90		9.26	9.32		C			1							
22336	6.548	0.005	5.839	0.004		0.631	0.003	G	0.69	0.07	F	5.9000	0.0006	0.005	73		5.89	5.91		C			1							S
22337	10.016	0.032	8.562	0.017		1.215	0.015	G	1.17	0.01	H	8.5699	0.0020	0.012	64		8.55	8.59		C			1	S						
22338	10.269	0.030	9.798	0.031		0.457	0.034	T	0.53	0.04	L	9.0094	0.0026	0.019	88		9.88	9.94					1							
22339	8.985	0.010	7.775	0.007		1.035	0.010	T	1.01	0.01	L	7.8275	0.0010	0.012	170		7.80	7.84		C			1							
22340	9.249	0.014	8.882	0.015		0.310	0.016	G	0.36	0.02	H	8.9588	0.0019	0.017	104		8.92	8.98		C			1							
22341	9.464	0.020	8.397	0.014		0.924	0.019	T	0.92	0.01	L	8.4899	0.0019	0.012	65		8.47	8.52					1							S
22342	10.578	0.026	9.031	0.012		1.299	0.023	T	1.26	0.02	L	9.0445	0.0018	0.022	195		9.01	9.09		C			1							
22343	7.236	0.005	7.312	0.007		−0.057	0.004	G	−0.04	0.00	H	7.3102	0.0009	0.006	105		7.30	7.32		C			1							S
22344	8.608	0.008	8.273	0.008		0.335	0.015	G	0.39	0.02	H	8.3191	0.0015	0.016	179		8.29	8.35		C			1							S
22345	8.784	0.008	7.547	0.005		1.056	0.007	T	1.02	0.01	L	7.6055	0.0009	0.012	233		7.58	7.63		C			1							S
22346	9.076	0.016	7.263	0.008		1.509	0.014	T	1.54	0.02	L	7.2221	0.0019	0.011	68		7.21	7.23					1							S
22347	8.041	0.012	7.594	0.010		0.433	0.015	G	0.50	0.02	H	7.6639	0.0017	0.008	62		7.65	7.69		C			1							S
22348	9.610	0.024	9.261	0.026		0.360	0.028	G	0.42	0.03	H	9.3678	0.0036	0.016	53		9.34	9.39					1							G
22349	7.715	0.008	7.022	0.006		0.618	0.002	G	0.69	0.00	H	7.0855	0.0008	0.007	71		7.07	7.10		C			1							S
22350	10.142	0.028	9.141	0.020		0.843	0.005	G	0.88	0.01	H	9.2008	0.0024	0.020	75		9.17	9.23		C			1 G							
22351	10.785	0.052	8.882	0.019		1.580	0.044	T	1.60	0.04	L	8.8515	0.0031	0.018	50		8.83	8.87		C			1							
22352	7.164	0.006	7.038	0.007		0.122	0.009	T	0.14	0.01	L	7.0773	0.0008	0.006	80		7.07	7.09		C			1							S
22353	11.846	0.103	10.034	0.032		1.550	0.020	G	1.62	0.03	I	9.9245	0.0064	0.060	126		9.84	10.03		U 2			1							
22354	7.579	0.007	6.163	0.005		1.200	0.001	G	1.13	0.04	E	6.2058	0.0005	0.006	102		6.20	6.21		C			1							S
22355	9.960	0.035	9.435	0.033		0.493	0.043	T	0.57	0.04	L	9.4918	0.0036	0.028	67		9.45	9.53					1							
22356	10.444	0.047	10.181	0.058		0.250	0.070	T	0.28	0.09	L	10.2083	0.0030	0.025	79		10.13	10.24					1							G
22357	10.316	0.042	9.654	0.040		0.614	0.049	T	0.68	0.04	L	9.6910	0.0032	0.021	66		9.66	9.72		C			1							
22358	8.716	0.012	7.106	0.006		1.348	0.011	T	1.31	0.01	L	7.1142	0.0009	0.011	98		7.10	7.13					1							S
22359	8.663	0.014	8.163	0.013	*	0.476	0.011	G	0.55	0.01	H	* 8.2639	0.0018	0.017	107	*	8.24	8.29		D	04488−4953	I 1	2 C	A	AB	260	4.789	0.011	2.43	0.06	S
22360	8.430	0.010	7.895	0.009		0.526	0.015	G	0.60	0.02	H	7.9532	0.0014	0.015	130		7.93	7.98		C			1							S
22361	6.295	0.003	5.997	0.003		0.283	0.004	T	0.32	0.01	L	6.0351	0.0008	0.008	171		6.02	6.05			04489+7557	I 1	1							S
22362	11.652	0.149	10.629	0.096		0.960	0.015	G	1.01	0.01	I	10.7879	0.0047	0.030	75		10.73	10.84		C			1							G
22363	8.687	0.018	8.275	0.018		0.428	0.001	G	0.50	0.00	H	8.3036	0.0019	0.013	55		8.28	8.32		C			1							
22364	9.829	0.021	8.668	0.014		0.997	0.020	T	0.98	0.02	L	8.7226	0.0017	0.016	103		8.70	8.76					1							
22365	8.250	0.014	7.802	0.015		0.423	0.019	T	0.49	0.02	L	7.7921	0.0071	0.043	64		7.75	7.87		U 2			1							S P
22366	9.450	0.017	8.211	0.011		1.057	0.016	T	1.02	0.01	L	8.2227	0.0018	0.013	103		8.20	8.24					1							
22367	7.044	0.005	7.012	0.008		0.034	0.009	T	0.05	0.01	L	7.0339	0.0008	0.007	106		7.02	7.05		C			1							S
22368	8.636	0.009	8.099	0.009		0.528	0.015	G	0.60	0.02	H	8.1522	0.0015	0.012	117		8.13	8.18		C			1							S
22369	8.508	0.013	8.045	0.013		0.476	0.015	G	0.55	0.02	H	8.0835	0.0021	0.014	81		8.06	8.11		C			1							S
22370	7.627	0.008	7.471	0.009		0.142	0.011	T	0.16	0.01	L	7.4983	0.0066	0.043	120		7.42	7.57	0.85	P 1 A			1							S
22371	8.519	0.006	8.396	0.008		0.119	0.009	T	0.13	0.01	L	8.4278	0.0012	0.017	241		8.39	8.46		C			1							
22372	7.883	0.007	7.657	0.008		0.188	0.004	G	0.21	0.01	H	7.6994	0.0015	0.013	109		7.68	7.72		C			1							S
22373	9.910	0.020	9.024	0.015		0.774	0.019	T	0.81	0.01	L	9.0898	0.0021	0.022	149		9.05	9.13		C			1							
22374	9.745	0.017	8.471	0.011		1.085	0.016	T	1.05	0.01	L	8.5169	0.0022	0.022	134		8.49	8.56		C			1							
22375	9.777	0.029	8.906	0.023		0.875	0.015	G	0.88	0.01	H	8.9600	0.0015	0.016	48		8.93	8.99		D			1							
22376	9.726	0.025	8.494	0.015	*	1.052	0.023	T	1.02	0.02	L	* 8.4825	0.0018	0.012	64	*	8.46	8.51		D	04490+1552	H 1	2 C	A	AB	292	0.233	0.025	1.28	0.35	
22377	11.115	0.062	10.064	0.038	*	0.730	0.043	G	1.41	0.24	S	* 9.9472	0.0035	0.034	112	*	9.88	10.00		R	04490−4128	I 1	2 C	A	AB	313	0.810	0.006	0.08	0.03	
22378	8.988	0.011	8.783	0.012		0.196	0.015	T	0.21	0.02	L	8.8044	0.0016	0.018	184		8.78	8.83					1							
22379	9.430	0.016	7.389	0.007		1.728	0.014	T	2.39	0.04	O	7.2060	0.0035	0.036	122		7.15	7.27		U 2			1	S						S P
22380	10.080	0.033	9.097	0.023		0.833	0.003	G	0.88	0.00	H	9.1192	0.0023	0.016	70		9.09	9.14		C			1							
22381	8.790	0.013	6.810	0.006		1.680	0.015	G	2.09	0.05	F	6.6663	0.0048	0.044	108		6.61	6.74		U 2			1							S
22382	8.783	0.017	8.129	0.015		0.599	0.015	G	0.67	0.01	H	8.1869	0.0021	0.011	52		8.16	8.20					1							S
22383	9.152	0.012	7.381	0.006		1.505	0.011	T	2.85	0.04	O	7.0556	0.0147	0.119	129		6.91	7.25		U 2 C			1	S						P
22384	9.400	0.018	8.211	0.012		1.018	0.017	T	0.99	0.01	L	8.2610	0.0016	0.012	86		8.24	8.28		C	04491+0513	I 2	1							
22385	9.447	0.019	9.188	0.022		0.247	0.027	T	0.28	0.03	L	9.2130	0.0022	0.018	83		9.19	9.24		C	04491+0513	I 2	1							
22386	8.780	0.015	8.430	0.015		0.340	0.015	G	0.40	0.02	H	8.4786	0.0013	0.014	60		8.46	8.49		C			1							
22387	8.345	0.010	7.786	0.007		0.528	0.009	T	0.60	0.01	L	7.8507	0.0012	0.014	138		7.83	7.87		C			1 G							S
22388	9.421	0.013	8.037	0.008		1.171	0.012	T	1.13	0.01	L	8.0828	0.0018	0.019	144		8.05	8.12					1							S
22389	7.443	0.005	7.257	0.006		0.170	0.015	G	0.19	0.01	H	7.3077	0.0010	0.010	125		7.29	7.32		C			1							S
22390	9.543	0.017	7.861	0.008		1.405	0.015	T	1.38	0.02	L	7.8427	0.0016	0.017	131		7.81	7.87		U			1							S
22391	8.458	0.009	6.951	0.005		1.267	0.008	T	1.23	0.01	L	6.9725	0.0011	0.010	122		6.96	6.99					1							S
22392	10.750	0.044	10.513	0.054		0.179	0.028	G	0.20	0.03	H	10.5665	0.0040	0.043	101		10.49	10.64					1							G
22393	7.031	0.007	5.697	0.006		1.132	0.007	T	1.10	0.01	L	5.7403	0.0008	0.005	50		5.73	5.75		C			1							S
22394	10.767	0.082	9.576	0.045		1.052	0.004	G	1.11	0.01	I	9.6468	0.0042	0.029	50		9.61	9.69					1							P
22395	8.724	0.010	7.966	0.009	*	0.676	0.010	T	0.74	0.01	L	* 8.0124	0.0018	0.018	137	*	7.99	8.04			04492−3126	H 1	2 C	B	AB	234	0.588	0.027	3.57	0.12	S
22396	6.961	0.005	7.138	0.007		−0.150	0.002	G	−0.15	0.00	H	7.1065	0.0025	0.015	72		7.09	7.13		U			1							S
22397	9.195	0.015	7.868	0.009		1.126	0.014	T	1.09	0.01	L	7.9091	0.0013	0.013	113		7.89	7.93		C			1							S
22398	9.762	0.016	8.048	0.008		1.431	0.014	T	1.42	0.02	L	8.0504	0.0017	0.017	179		8.02	8.08					1							
22399											T	11.3552	0.0047	0.069	141		11.17	11.46					1	S						
22400	9.427	0.024	7.342	0.010		1.779	0.020	G	2.07	0.07	S	7.2406	0.0018	0.013	58		7.22	7.26		R			1							S

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion μα* mas/yr 12	μδ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	μα* mas/yr 17	μδ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	μα*/α* 22	μα*/δ 23	μα*/π 24	μδ/α* 25	μδ/δ 26	μδ/π 27	μδ/μα* 28	Soln F1 % 29	F2 30
22401		04 49 15.88	+03 16 10.3	8.33		H	72.316 165 99	+03.269 540 29		4.80	17.81	8.78	1.08	0.70	1.18	1.41	0.86	+1	+20	−16	+22	+15	−13	+12	+54	−14	−1	0	1.55
22402		04 49 16.00	+29 34 17.2	7.26	1	H	72.316 653 59	+29.571 442 10		6.12	8.53	−33.05	0.88	0.62	0.96	0.99	0.73	−10	+27	−18	−18	+25	+7	+18	+2	−21	−1	0	0.41
22403		04 49 16.02	+35 00 06.6	8.80		H	72.316 739 40	+35.001 821 18		1.63	13.88	−7.24	1.40	1.25	1.70	1.57	1.35	+20	+36	−46	+20	+59	−20	+31	+68	−39	+57	0	0.47
22404		04 49 16.79	−79 21 22.1	8.59		H	72.319 971 04	−79.356 147 39		3.92	−8.66	8.09	0.61	0.65	0.70	0.73	0.99	−16	+17	−14	−20	−5	−1	−6	−24	+7	−7	0	1.49
22405		04 49 17.46	+80 39 02.3	7.90		H	72.322 752 56	+80.650 629 24		7.66	15.11	−60.78	0.56	0.72	0.78	0.62	0.90	−1	+26	+7	+13	−5	+7	−6	+13	+1	+4	0	1.28
22406		04 49 19.00	−09 00 33.8	7.42		H	72.329 167 62	−09.009 378 31		2.45	−4.58	−2.26	0.65	0.53	0.80	0.77	0.63	−5	+23	−28	+28	+10	−5	+1	+43	−29	+5	0	1.97
22407		04 49 19.06	+32 35 17.8	5.84		H	72.329 413 95	+32.588 267 94		9.71	25.80	−31.74	0.82	0.61	0.92	0.85	0.65	+18	+24	−18	−6	+27	+19	+23	+26	−7	+40	0	0.96
22408		04 49 19.26	−00 52 10.4	8.63		H	72.330 264 55	−00.869 563 87		7.06	41.40	−19.59	1.20	0.73	1.37	1.15	0.86	−1	+50	−11	+35	−6	+9	−14	+45	−18	+8	0	2.24
22409		04 49 20.02	+27 44 54.1	9.99		H	72.333 397 74	+27.748 358 04		5.49	4.41	−36.00	1.71	1.20	1.84	2.65	1.46	+36	+6	−40	−43	−37	+18	−34	−21	+11	+55	0	−1.76
22410		04 49 20.25	+30 18 23.6	9.76		H	72.334 386 95	+30.306 541 67		7.42	20.79	−35.01	1.35	0.97	1.47	1.39	1.23	+16	+46	−3	−11	−3	−1	−7	−11	−10	+38	0	0.33
22411	H	04 49 20.40	−42 24 49.3	7.31		G	72.334 985 16	−42.413 682 46	A	4.37	−22.25	4.09	0.97	1.06	0.72	0.65	0.78	+30	+9	−5	−5	+0	+13	−3	+2	+3	−5	2	−1.01
22412		04 49 22.38	−03 46 56.6	8.53		H	72.343 237 57	−03.782 400 49		5.76	18.78	−2.47	1.31	0.88	1.53	1.95	1.16	−11	+41	−5	+18	+6	+31	−1	+46	−27	−35	0	0.76
22413		04 49 25.20	+47 11 41.1	8.17		H	72.354 997 83	+47.194 740 05		5.79	−2.51	−0.06	0.89	0.69	1.11	1.01	0.78	+18	+13	−29	+12	+6	−12	−4	+40	−36	+33	0	0.64
22414		04 49 25.43	−43 21 13.3	9.79		G	72.355 960 89	−43.353 689 45		3.97	45.80	−1.28	0.82	0.88	0.97	1.07	1.11	−14	+9	+8	−5	+6	+9	+6	−5	+1	−32	0	−0.69
22415		04 49 26.52	+44 14 22.8	8.33		H	72.360 515 65	+44.239 673 45		4.73	9.51	−19.83	0.98	0.78	1.12	1.09	0.84	+12	+30	−31	+20	+11	+1	+9	+26	−4	+36	3	−0.91
22416		04 49 26.66	+10 59 18.3	9.12		G	72.361 098 25	+10.988 405 30		2.90	−5.59	−3.81	1.49	0.97	1.88	2.02	1.32	+11	+39	−31	+2	+26	−36	−3	+45	−38	+44	0	0.22
22417		04 49 27.22	+65 38 11.3	7.86		H	72.363 436 87	+65.636 471 93		4.66	18.79	−21.65	0.60	0.67	0.85	0.75	0.83	+3	+4	−16	+7	+42	−11	+41	+8	+7	+17	3	2.45
22418		04 49 27.67	+39 32 12.9	10.41		H	72.365 272 56	+39.536 926 11		0.70	6.79	−6.90	1.98	1.49	2.18	2.14	1.75	−1	+38	−13	−29	−8	+15	−11	−29	−10	+22	0	0.22
22419		04 49 28.60	−08 07 02.6	7.96		H	72.369 175 30	−08.117 392 77		3.19	4.78	18.43	0.85	0.68	1.12	0.93	0.78	−5	+28	−48	+43	+21	−16	+4	+54	−38	+25	0	2.46
22420		04 49 29.71	+53 52 33.3	8.32		H	72.373 774 03	+53.875 911 32		3.31	2.55	−6.14	0.92	0.76	1.08	1.28	1.02	+2	−12	−11	+44	−8	−13	−10	+44	+1	+16	0	1.73
22421		04 49 29.96	+37 20 06.1	7.80		H	72.374 842 57	+37.335 027 91		3.53	4.01	−14.14	0.96	0.73	1.15	1.08	0.88	+4	+45	−26	+14	+9	−15	−5	+11	−15	+4	0	0.47
22422		04 49 32.07	+15 53 19.7	7.72		H	72.383 635 05	+15.888 805 40		19.68	87.37	−23.68	0.86	0.63	0.96	1.09	0.85	+30	+14	−6	+9	+17	+18	+9	+40	+0	+52	0	0.88
22423		04 49 32.83	+38 19 05.6	11.10		H	72.386 772 81	+38.318 215 45		4.06	14.16	−22.02	2.16	1.84	2.60	2.49	2.18	+9	+33	−33	+9	+20	−24	+12	+5	−9	+40	3	−1.26
22424		04 49 32.87	−14 47 20.0	10.88		G	72.386 976 29	−14.788 880 51		38.91	−206.46	−286.32	1.32	1.21	2.13	1.70	1.57	+3	+13	−3	+14	−14	+16	−20	−5	−16	−22	7	1.45
22425	H	04 49 32.91	−33 05 37.6	8.37		H	72.387 132 64	−33.093 776 77	A	8.91	−58.88	−76.75	1.23	1.46	1.49	1.02	1.39	−3	+7	+2	+42	−10	−1	−9	+25	−25	+10	3	0.75
22426		04 49 32.93	+07 38 14.8	10.01		H	72.387 197 16	+07.637 439 18		6.64	−0.38	−41.19	1.59	1.14	1.77	2.02	1.63	+31	+38	−7	+8	+20	−23	+6	+44	−19	+53	3	1.97
22427		04 49 33.11	−48 27 46.7	9.67		H	72.387 942 37	−48.462 976 97		13.19	59.16	86.56	0.83	0.87	0.97	0.87	1.01	+6	+6	+13	+2	+2	+14	+0	+6	+2	+10	0	0.36
22428	H	04 49 33.19	+02 12 06.4	7.77		G	72.388 296 06	+02.201 768 62	*	4.57	3.76	−4.30	0.89	0.60	0.95	1.05	0.72	+5	+32	−16	+33	+19	−11	+12	+65	−16	+9	0	−1.73
22429		04 49 33.29	+53 21 57.1	8.21		G	72.388 694 41	+53.365 861 60		13.61	61.79	−62.89	0.97	0.79	1.11	1.23	0.96	−26	+13	−12	+45	−33	−20	−35	+50	+0	−22	0	−0.78
22430		04 49 36.47	−42 36 29.6	8.49		H	72.401 946 87	−42.608 212 84		10.67	52.27	−21.90	0.67	0.67	0.78	0.68	0.83	−4	+11	−3	−20	+0	−2	+0	+2	+1	−3	3	−1.20
22431	H	04 49 36.92	−53 52 55.5	7.64		G	72.403 842 35	−53.882 079 28	A	34.10	135.24	231.90	1.25	1.13	1.06	1.00	1.04	−11	+5	+5	−19	+10	−8	+8	−10	+15	−2	1	1.24
22432		04 49 38.02	−15 48 31.7	8.27		H	72.408 434 23	−15.808 812 97		9.64	−48.76	−89.29	0.58	0.56	0.96	0.88	0.80	+24	+12	−4	−3	−22	+20	−24	−8	−20	−22	1	−1.59
22433		04 49 40.92	+49 35 17.8	7.86		H	72.420 495 83	+49.588 281 70		5.41	−7.36	7.36	0.93	0.64	1.04	0.96	0.70	+45	+36	+9	−2	−15	+7	−21	+34	−24	+40	0	0.33
22434		04 49 41.18	+59 33 58.8	9.08		H	72.421 598 95	+59.566 342 26		3.21	21.97	−33.91	0.68	0.63	1.17	0.84	0.78	+0	+20	−14	−7	+14	−14	+15	+36	−6	−7	0	−0.80
22435		04 49 41.60	−12 02 35.4	8.25		H	72.423 349 50	−12.043 159 64		1.16	5.15	−2.77	0.58	0.54	0.96	0.77	0.68	+1	+20	+15	+10	−7	−4	−11	−2	−10	−33	0	0.61
22436		04 49 41.83	−22 15 35.8	10.37		G	72.424 272 17	−22.259 948 86		6.93	−9.47	3.01	1.24	1.36	1.95	1.18	1.36	+5	+5	−35	−51	−15	+5	−8	+6	−18	−8	0	2.63
22437		04 49 41.93	−41 51 14.6	7.84		H	72.424 725 28	−41.854 068 99		1.20	12.48	2.76	0.59	0.62	0.71	0.64	0.78	−9	+5	+1	−15	+8	+7	+7	+1	+5	−1	3	−0.72
22438		04 49 41.99	+47 30 41.6	9.16		H	72.424 964 89	+47.511 562 32		4.21	−0.83	−4.10	1.03	0.76	1.42	1.12	0.89	+15	+9	−26	+11	−7	+7	−11	+53	−44	+18	0	−1.02
22439		04 49 42.32	−13 46 09.3	6.27		H	72.426 319 02	−13.769 249 94		28.28	−119.98	−172.43	0.53	0.47	0.80	0.64	0.57	−21	+29	−28	+18	−5	−6	−12	+1	−11	−24	0	1.71
22440		04 49 42.61	−06 25 00.2	7.74		H	72.427 535 80	−06.416 730 91		2.56	11.78	−24.64	0.99	0.70	1.12	1.11	0.78	+0	+41	−22	+38	+9	+3	+2	+47	−17	+5	0	2.23
22441		04 49 44.08	+15 54 15.3	6.09		H	72.433 664 82	+15.904 238 07		2.31	3.90	−6.92	0.73	0.53	0.81	0.90	0.71	+28	+9	−9	+14	+22	+16	+14	+49	−3	+48	0	1.28
22442		04 49 44.30	−15 44 28.2	9.83	3	H	72.434 587 66	−15.741 154 42		1.08	−15.63	−11.15	0.80	0.73	1.29	1.16	1.04	+26	+10	−5	−10	−12	+25	−9	−1	−15	−9	0	−0.20
22443		04 49 45.87	+21 56 58.9	7.84		H	72.441 145 82	+21.949 703 80		1.92	−2.75	−4.16	1.01	0.71	1.11	1.63	1.18	+34	+38	−15	+2	+6	+19	−4	+31	+10	+75	0	−0.16
22444		04 49 47.29	−48 18 40.9	7.77		H	72.447 061 81	−48.311 373 62		2.21	−8.87	11.82	0.56	0.58	0.65	0.58	0.68	+7	+11	+6	+11	−5	+20	−6	+11	+11	+11	1	0.09
22445		04 49 47.94	+42 17 23.0	8.86	3	T	72.449 759 22	+42.289 719 39		−3.32	−2.14	0.32	1.21	0.92	1.54	1.53	1.05	−8	+30	−32	−4	+6	−24	−9	+15	−26	−1	0	0.35
22446		04 49 48.00	+23 23 45.2	8.50		H	72.450 001 81	+23.395 876 06		13.26	44.84	−48.52	1.05	0.79	1.11	1.22	0.95	+28	+37	+5	+20	+21	−10	+18	+41	−10	+14	0	−0.36
*22447		04 49 48.24	−11 44 51.2	8.10		H	72.450 984 01	−11.747 561 28		1.60	6.68	−3.14	0.61	0.55	0.99	0.74	0.67	+11	+26	−8	−4	−1	−11	−1	+1	+1	−11	0	2.15
*22448		04 49 48.18	−54 27 16.3	7.78		H	72.450 756 16	−54.454 538 40		1.35	−8.70	−9.25	0.91	0.85	0.98	0.96	0.94	−2	+3	−2	−11	+9	−9	+10	−21	+8	−1	0	
22449		04 49 50.14	+06 57 40.5	3.19		G	72.458 909 35	+06.961 247 44		124.60	463.44	11.62	0.84	0.60	0.95	0.93	0.77	+40	+47	+0	+22	+24	−2	+16	+51	−4	+54	0	−0.04
22450		04 49 52.04	+60 27 31.7	9.37		H	72.466 853 69	+60.458 815 19		1.93	−0.84	−4.85	0.93	0.79	1.44	1.08	0.96	−27	+18	−7	+7	−12	−30	−8	+51	+7	−38	3	2.05
22451		04 49 52.35	−35 06 26.5	7.49		H	72.468 126 65	−35.107 353 32		55.59	−26.26	−113.91	0.49	0.60	0.71	0.51	0.64	−4	+17	−19	+16	−11	+19	−10	+17	−12	+6	0	−1.44
22452		04 49 53.40	+41 43 56.7	9.28		H	72.472 506 81	+41.732 411 94		2.52	−0.97	−1.62	1.09	0.88	1.46	1.20	0.94	+4	+33	−37	−4	+10	−25	−12	+17	−37	+30	0	−1.25
22453		04 49 54.67	+37 29 17.5	4.89	1	H	72.477 777 28	+37.488 181 31		6.18	−38.40	38.48	0.73	0.59	0.84	0.72	0.68	+20	+41	−14	+6	+24	−8	+13	+11	−22	+44	0	0.26
22454		04 49 54.88	−02 28 38.6	8.46	1	H	72.478 663 12	−02.477 382 32		2.55	2.69	−9.08	0.92	0.68	1.08	1.10	0.80	+12	+19	−10	+40	+8	−14	+4	+50	−18	+9	2	−0.57
22455		04 49 54.93	+13 41 20.9	7.06		H	72.478 894 51	+13.689 146 91		2.83	−11.99	−24.21	0.84	0.54	0.88	1.10	0.74	+8	+22	−2	+0	−11	+0	−12	+20	+0	+16	0	1.48
22456		04 49 55.61	+56 34 20.6	8.63		H	72.481 705 05	+56.572 392 41		2.80	−3.59	−17.08	0.92	0.83	1.43	1.07	0.97	−12	+29	−41	+21	−16	+18	−18	+30	−21	+18	0	0.14
22457		04 49 56.16	−30 58 14.1	7.35		H	72.484 011 89	−30.970 578 81		2.71	−13.67	11.82	0.46	0.56	0.74	0.51	0.74	−3	−5	−10	+2	+3	+14	+6	+4	−24	+4	0	0.37
22458		04 49 56.19	+09 29 22.7	8.43		H	72.484 125 07	+09.489 625 28		10.81	−32.87	−23.82	2.61	1.70	2.91	4.05	2.43	+11	+16	−23	+18	+13	+1	+7	+38	−34	+8	0	
22459	H	04 49 59.08	−51 42 37.3	8.83		H	72.496 181 08	−51.710 359 06	A	1.75	17.05	−3.57	1.28	1.29	1.25	1.40	1.56	−2	+9	+1	+12	−10	+4	−15	+9	+5	−6	1	−0.60
22460		04 50 00.08	+28 56 31.4	9.13		H	72.500 329 79	+28.942 055 49		6.01	18.87	−34.50	1.67	0.95	1.57	1.88	1.12	−26	+34	−22	−1	+11	+13	+5	−4	−19	−21	0	−1.09
22461		04 50 03.62	+08 24 28.3	6.85		G	72.515 065 53	+08.407 854 63		1.97	−3.23	−4.13	0.80	0.56	0.91	0.99	0.75	+24	+31	−24	+5	+7	+0	+0	+25	−11	+49	2	1.63
22462		04 50 03.90	+12 31 34.1	10.09		H	72.516 267 66	+12.526 126 12		6.59	−66.32	45.24	1.64	1.03	1.70	1.99	1.42	+2	+33	−7	+25	−7	+6	−10	+38	−4	+16	0	−1.57
22463	H	04 50 04.21	−39 10 51.6	8.52		H	72.517 522 17	−39.180 997 68	A	9.34	−95.49	49.51	1.58	1.58	1.69	1.63	1.86	−8	+3	+0	−8	−10	−7	−12	−1	+6	−12	0	0.87
22464		04 50 05.20	−46 10 42.7	8.66		H	72.521 650 24	−46.178 518 81		5.51	6.74	−22.95	0.74	0.71	0.85	0.78	0.80	−5	+13	+3	+10	−6	+26	−6	+13	+8	−6	1	−0.90
22465		04 50 05.44	+66 32 07.5	7.49		H	72.522 679 16	+66.535 421 88	A	3.38	10.20	−33.17	0.80	0.84	1.12	0.76	0.85	−3	+25	−2	−15	+13	+2	+18	−9	+20	−3	1	0.98
22466		04 50 06.63	−50 39 25.3	11.54	3	H	72.527 641 77	−50.657 015 59		1.51	−1.96	1.62	1.40	1.62	1.65	1.56	2.12	−4	+13	−10	+8	−4	+7	−5	+17	−5	+5	3	0.21
*22467	H	04 50 06.80	−15 48 15.3	6.72		H	72.528 329 28	−15.804 259 46	A	5.03	3.94	−28.59	0.77	0.71	1.07	1.03	0.87	+25	−3	−18	+2	−11	+23	−11	−4	−6	−5	2	−1.12
*22468		04 50 06.79	+65 16 02.7	8.69		H	72.528 286 60	+65.267 403 55		1.34	2.54	−10.01	0.74	0.75	1.12	0.88	0.90	+1	+20	−9	+9	+31	−21	+32	+11	+9	+15	1	−0.10
22469		04 50 06.96	−58 48 04.4	7.46		H	72.528 985 69	−58.801 222 83		2.46	18.33	26.89	0.56	0.55	0.59	0.67	0.73	−8	+0	+3	+16	−2	−17	−2	+6	+11	−16	0	−0.78
22470		04 50 07.43	−36 21 22.2	8.95		H	72.530 964 15	−36.356 159 19		3.91	−1.49	−4.17	0.70	0.86	0.99	0.71	0.97	−1	−3	+11	−24	+0	+10	−1	−1	−21	+2	0	0.20
22471		04 50 07.62	−54 11 59.2	9.36		H	72.531 761 25	−54.199 768 45		2.34	−8.59	−6.37	0.84	0.80	0.93	0.87	0.84	−10	−5	−15	−6	+19	−15	+19	−34	+17	+0	0	0.12
22472		04 50 08.47	−30 15 37.1	7.98		H	72.535 306 41	−30.260 305 63		1.84	23.63	1.94	0.51	0.75	0.89	0.58	0.84	−9	+8	−27	−4	−6	+22	+3	−25	+1	+3	0	−0.85
22473		04 50 08.83	−52 24 49.1	9.10		H	72.536 789 38	−52.413 632 10		12.26	55.35	90.49	0.76	0.82	0.85	0.84	1.09	−8	−12	−7	+14	−7	−1	−9	+19	+2	+11	0	−0.13
22474		04 50 09.10	−58 31 22.0	8.31	2	H	72.537 932 96	−58.522 785 20		1.14	17.52	14.96	0.69	0.68	0.72	0.83	0.90	−10	+3	+1	+26	+8	−17	+9	−2	+5	−12	0	−1.86
22475		04 50 09.47	+10 36 18.1	7.94		H	72.539 451 52	+10.605 023 13		7.83	17.08	−68.94	1.20	0.79	1.41	1.58	1.03	+26	+30	−24	+4	+17	−23	+1	+36	−27	+51	0	1.91
22476		04 50 10.02	+63 37 31.9	6.88		H	72.541 758 79	+63.625 533 46		8.40	16.70	−49.17	0.44	0.48	0.72	0.52	0.62	−5	+12	−11	−8	+29	+0	+32	−7	+13	+22	1	0.80
22477		04 50 10.25	−05 12 41.5	8.19		H	72.542 694 67	−05.211 524 99		2.00	−6.73	2.13	1.03	0.67	1.19	1.10	0.78	−11	+35	−24	+38	−9	−2	−13	+37	−13	+3	0	−1.42
22478	H	04 50 10.82	−57 43 55.5	9.03		H	72.545 100 42	−57.732 080 43	A	4.63	−30.38	17.27	1.67	1.73	1.58	1.76	1.89	−25	−13	+12	−1	−11	+10	−12	+12	+25	−42	1	1.98
22479		04 50 11.59	−16 13 02.2	5.03		H	72.548 288 03	−16.217 283 42		13.40	44.95	51.26	0.45	0.40	0.68	0.64	0.55	+26	+14	−7	+3	−17	+6	−17	+4	−18	−7	0	−0.92
22480		04 50 12.54	+72 55 03.2	8.62		H	72.552 246 97	+72.917 560 59		1.11	−0.94	−1.59	0.57	0.71	0.93	0.62	0.88	−23	+16	−3	−11	+5	+0	+6	−1	+3	−23	0	1.16
22481		04 50 12.88	−26 07 51.6	9.49		H	72.553 666 98	−26.131 005 88		18.68	−28.53	−2.21	1.36	1.85	2.36	1.54	2.15	−2	+13	−14	−29	−5	+4	−4	−14	−2	−6	0	
22482		04 50 12.93	−25 52 42.1	9.21		G	72.553 858 03	−25.878 372 12		12.67	189.55	116.17	0.72	0.93	1.28	0.89	1.16	−7	+20	−15	−22	−2	+3	+0	−2	+5	−9	0	0.51
22483		04 50 13.42	+02 16 22.9	9.40		H	72.555 909 58	+02.273 016 12		3.06	−1.40	0.76	1.34	0.91	1.43	1.47	1.08	+24	+44	+5	+37	+28	−1	+29	+68	+8	+25	0	−0.95
*22484	H	04 50 13.57	−31 12 29.5	9.33		H	72.556 538 66	−31.208 181 05	A	8.87	39.28	−15.84	3.35	4.18	1.82	2.08	2.73	+60	+2	−9	+3	+14	−8	−7	+1	−15	−1	0	−0.10
*22485		04 50 13.53	+17 42 06.1	12.66		G	72.556 356 41	+17.701 702 96		6.37	−7.94	8.31	4.68	2.73	5.19	4.25	3.40	+27	+58	+10	+4	+9	−8	−8	+42	−18	+42	0	−1.65
22486		04 50 15.30	+19 55 24.4	8.50		H	72.563 759 69	+19.923 456 62		3.66	22.48	−2.80	1.07	0.77	1.13	1.78	1.33	+39	+17	−8	+2	+11	+13	−1	+40	+7	+67	0	0.66
22487	H	04 50 16.03	+39 49 28.8	8.90		H	72.566 790 33	+39.824 663 32	*	4.47	−8.30	−4.46	1.36	1.04	1.54	1.45	1.17	+7	+46	−17	−11	−10	−8	−9	−10	+0	+21	0	2.27
22488		04 50 16.18	−41 19 15.6	6.06		G	72.567 430 31	−41.321 009 68		19.11	−3.02	66.56	0.45	0.46	0.53	0.49	0.57	−11	−3	+3	−13	+5	+5	+3	+11	+2	−3	1	1.28
22489	H	04 50 16.81	+66 57 21.7	9.00		H	72.570 032 36	+66.956 025 84	*	1.48	3.22	−13.49	0.81	0.98	1.34	0.88	1.04	+1	+14	−7	+5	+7	+13	+9	+2	+3	+8	0	0.06
22490		04 50 17.30	+06 56 59.6	7.22		H	72.572 091 24	+06.949 901 90		5.52	−3.80	4.65	0.89	0.58	1.03	0.96	0.74	+25	+48	−8	+28	+25	+3	+14	+61	−12	+37	0	0.77
22491		04 50 17.85	−24 22 07.7	7.91		H	72.574 374 48	−24.368 795 40		8.26	18.86	−18.12	0.45	0.63	0.89	0.56	0.75	−4	+16	−6	+18	−6	+20	−3	−5	+13	−4	1	0.71
22492		04 50 19.25	−67 59 11.6	10.92		G	72.580 202 30	−67.986 547 37		2.26	4.41	−2.78	1.34	1.45	1.47	1.55	1.87	−4	+9	−7	−12	+0	+10	−1	−10	−15	−14	1	0.91
22493		04 50 21.20	−37 05 13.0	8.52		H	72.588 331 53	−37.086 946 26		2.84	−9.24	13.50	0.59	0.69	0.82	0.66	0.72	−7	+12	+0	+6	−8	+24	−8	+3	−8	−14	1	−0.45
22494		04 50 21.49	−13 38 05.0	8.17		G	72.589 521 70	−13.634 723 05		9.18	−17.91	16.12	0.69	0.60	1.07	0.93	0.80	−22	+24	−25	+13	−4	−11	−11	+9	−12	−32	0	1.04
22495		04 50 21.62	+75 56 12.3	9.14		H	72.590 073 75	+75.936 738 97		5.31	35.57	−37.80	0.65	0.81	1.02	0.73	0.92	−2	+6	+15	−8	+8	+13	+6	+4	+7	+7	0	0.10
*22496		04 50 23.87	+17 12 09.9	7.10		H	72.599 449 89	+17.202 737 64		22.96	102.78	−29.70	1.12	0.68	1.17	1.24	0.79	+26	+51	+8	+31	+10	+34	+6	+53	+1	+25	5	3.30
*22497		04 50 23.87	−51 03 23.2	8.19		H	72.599 448 94	−51.056 446 20		9.48	13.45	−42.79	0.60	0.64	0.68	0.70	0.82	+5	+10	−6	+1	−14	+7	−14	+5	+5	−2	0	0.44
22498		04 50 24.81	+63 20 00.3	9.99	2	G	72.603 358 97	+63.333 424 00		42.59	219.30	−194.50	12.49	11.28	17.78	13.70	13.08	−12	−3	−6	−42	+27	+7	+26	−25	+2	+3	3	
22499		04 50 27.86	−03 51 54.7	7.36		H	72.616 092 54	−03.865 198 80		1.75	16.43	−2.76	1.08	0.61	1.18	1.78	0.87	−22	+22	−8	+23	−3	+36	−7	+38	−39	−47	0	0.74
22500		04 50 28.34	−38 33 36.9	7.18		H	72.618 078 94	−38.560 236 59	+	17.42	23.40	118.08	0.51	1.22	0.61	1.42	1.20	−2	+18	+6	−19	−78	−7	+0	−66	−5	+54	0	−1.23

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
22401	9.653	0.022	8.450	0.013		1.029	0.020	T	1.00	0.02	L	8.5008	0.0016	0.012	85		8.48	8.52		C			1							
22402	7.374	0.006	7.274	0.007		0.065	0.012	G	0.07	0.01	H	7.2860	0.0020	0.015	65		7.26	7.30	4.08	P 1 A			1 S							S P
22403	11.821	0.167	9.067	0.027		2.200	0.123	T	2.25	0.13	L	8.8588	0.0038	0.025	44		8.82	8.89					1							
22404	10.162	0.025	8.700	0.013		1.232	0.022	T	1.19	0.02	L	8.7567	0.0012	0.015	112		8.73	8.78					1							
22405	9.260	0.015	8.019	0.009		1.059	0.014	T	1.03	0.01	L	8.0633	0.0016	0.016	121		8.03	8.09					1							S
22406	7.499	0.006	7.419	0.008		0.079	0.009	T	0.09	0.01	L	7.4523	0.0010	0.010	88		7.43	7.47					1							S
22407	6.149	0.004	5.861	0.005		0.250	0.007	G	0.27	0.03	C	5.9123	0.0015	0.006	43		5.90	5.92		C			1							S
22408	9.400	0.018	8.705	0.015		0.641	0.019	T	0.71	0.02	L	8.7625	0.0018	0.012	68		8.75	8.79		C			1							S
22409	10.601	0.061	10.025	0.055		0.538	0.073	T	0.61	0.08	L	10.1093	0.0030	0.025	53		10.06	10.14		C			1							G
22410	10.644	0.056	9.682	0.040		0.846	0.051	T	0.86	0.04	L	9.9082	0.0043	0.022	60		9.87	9.96					1							G
22411	7.558	0.007	7.337	0.007	*	0.199	0.002	G	0.22	0.00	H	* 7.3724	0.0011	0.011	124	*	7.36	7.39		D	04493−4225	H 1	2 C A	AB	210	0.351	0.010	2.58	0.06	S
22412	8.998	0.016	8.561	0.016		0.413	0.021	T	0.48	0.02	L	8.6279	0.0022	0.019	64		8.60	8.67		C			1							S
22413	8.222	0.014	8.172	0.017		0.051	0.020	T	0.06	0.02	L	8.1894	0.0012	0.010	72		8.17	8.21					1							
22414	10.142	0.025	9.844	0.029		0.384	0.015	G	0.45	0.02	H	9.8792	0.0027	0.025	118		9.83	9.92					1							
22415	8.393	0.016	8.337	0.020		0.070	0.015	G	0.08	0.02	H	8.3587	0.0015	0.012	54		8.33	8.38		C			1							
22416	9.491	0.022	9.161	0.024		0.332	0.040	G	0.39	0.05	H	9.1987	0.0032	0.019	54		9.17	9.23		C			1							G
22417	9.290	0.014	7.946	0.008		1.140	0.013	T	1.10	0.01	L	8.0231	0.0013	0.015	119		8.00	8.05					1							
22418	10.621	0.057	10.430	0.076		0.183	0.089	T	0.20	0.10	L	10.4725	0.0071	0.030	35		10.42	10.51					1							G
22419	9.756	0.024	8.096	0.012		1.388	0.021	T	1.36	0.03	L	8.1032	0.0014	0.013	87		8.08	8.12		C			1							
22420	10.559	0.039	8.539	0.014		1.673	0.033	T	1.70	0.03	L	8.4285	0.0018	0.015	86		8.39	8.46					1							
22421	9.408	0.026	7.947	0.015		1.300	0.015	G	1.26	0.02	H	7.9523	0.0013	0.010	59		7.93	7.98		D			1							
22422	8.462	0.016	7.793	0.010		0.578	0.009	G	0.65	0.01	H	7.8500	0.0020	0.011	69		7.83	7.87					1							S
22423						0.631	0.107	G	0.70	0.10	R	11.2351	0.0052	0.046	45		11.16	11.30		C			1							G
22424	12.479	0.231	11.036	0.092		1.421	0.008	G	1.72	0.02	I	10.9622	0.0046	0.039	129		10.89	11.02					1							G
22425	9.030	0.011	8.497	0.011	*	0.508	0.012	T	0.58	0.01	L	* 8.4799	0.0015	0.017	124	*	8.45	8.52		D	04495−3306	I 1	2 C A	AB	59	0.908	0.006	1.45	0.02	S
22426	10.743	0.054	10.108	0.048		0.590	0.063	T	0.66	0.06	L	10.1321	0.0032	0.019	58		10.10	10.16		C			1							G
22427	10.573	0.034	9.742	0.027		0.732	0.033	T	0.78	0.02	L	9.8040	0.0028	0.024	108		9.75	9.84					1							
22428	7.689	0.008	7.753	0.009	*	−0.060	0.002	G	−0.04	0.00	H	* 7.7559	0.0012	0.010	91	*	7.74	7.77			04496+0212	I 1	2 C S A	BA	273	0.147	0.006	0.34	0.45	S
22429	8.930	0.016	8.269	0.014		0.611	0.015	G	0.68	0.01	H	8.3366	0.0016	0.014	84		8.31	8.36					1							
22430	9.142	0.013	8.570	0.012		0.538	0.013	T	0.61	0.01	L	8.6048	0.0022	0.016	118		8.58	8.63		C			1							S
22431	8.567	0.020	7.654	0.014	*	0.846	0.002	G	0.86	0.00	H	* 7.7829	0.0011	0.011	98	*	7.76	7.80		D	04496−5353	I 1	2 C A	AB	137	2.888	0.004	0.51	0.01	S
22432	8.895	0.010	8.323	0.009		0.510	0.018	G	0.58	0.02	H	8.3857	0.0010	0.016	179		8.36	8.41					1							S
22433	8.165	0.010	7.878	0.013		0.273	0.015	T	0.31	0.02	L	7.9363	0.0013	0.012	96		7.91	7.95		C			1							S
22434	11.325	0.047	9.309	0.014		1.670	0.039	T	1.69	0.04	L	9.1871	0.0018	0.019	183		9.15	9.22					1							
22435	8.231	0.008	8.243	0.010		−0.009	0.011	T	0.01	0.01	L	8.2524	0.0016	0.016	153		8.23	8.29					1							S
22436	10.921	0.042	10.419	0.042		0.504	0.005	G	0.58	0.01	H	10.5016	0.0033	0.037	156		10.44	10.56		C			1							G
22437	9.785	0.022	7.996	0.010		1.490	0.019	T	1.51	0.03	L	7.9709	0.0019	0.015	115		7.95	7.99					1							S
22438	9.398	0.022	9.167	0.025		0.220	0.031	T	0.24	0.04	L	9.2262	0.0015	0.016	84		9.20	9.25					1							
22439	6.793	0.005	6.322	0.004		0.456	0.023	G	0.54	0.02	A	6.3702	0.0006	0.008	104		6.36	6.38					1							S
22440	8.901	0.015	7.836	0.010		0.923	0.014	T	0.92	0.01	L	7.8995	0.0023	0.016	72		7.88	7.93					1							S
22441	8.140	0.014	6.274	0.006		1.551	0.012	T	1.57	0.01	L	6.2127	0.0010	0.006	74		6.20	6.23		C	04497+1554	I 1	1							S
22442	10.103	0.021	9.727	0.023		0.356	0.029	T	0.42	0.03	L	9.9000	0.0327	0.311	185		9.28	10.16	0.59	P 1 A			1							G
22443	8.041	0.012	7.863	0.013		0.171	0.017	T	0.19	0.02	L	7.8988	0.0015	0.009	57		7.88	7.91		C			1 S							
22444	9.348	0.015	7.862	0.008		1.252	0.014	T	1.21	0.01	L	7.8999	0.0010	0.010	113		7.88	7.92					1							S
22445	9.993	0.032	8.957	0.022		0.901	0.029	T	0.90	0.02	L	9.0469	0.0645	0.394	56		8.65	9.52	11.12	P 1 A			1 S							G
22446	9.226	0.019	8.569	0.017		0.623	0.007	G	0.69	0.01	H	8.6284	0.0020	0.013	59		8.61	8.66		C			1							
22447	10.093	0.025	8.263	0.010		1.522	0.021	T	1.56	0.03	L	8.2245	0.0015	0.013	147		8.20	8.25		C			1							
22448	7.791	0.007	7.794	0.010		−0.001	0.011	T	0.02	0.01	L	7.7835	0.0011	0.009	107		7.76	7.80		C	04498−5427	I 1	1 X S							S
22449	3.745	0.003	3.241	0.003		0.484	0.003	T	0.53	0.02	A	3.2862	0.0005	0.004	64		3.28	3.29		C	04499+0657	I 1	1							S
22450	9.810	0.018	9.381	0.019		0.405	0.024	T	0.47	0.03	L	9.4582	0.0022	0.022	142		9.40	9.49					1							
22451	8.637	0.011	7.588	0.008		0.901	0.011	T	0.94	0.01	L	7.6360	0.0012	0.013	142		7.61	7.66					1							S
22452	9.323	0.027	9.224	0.034		0.097	0.041	T	0.11	0.04	L	9.3167	0.0036	0.021	46		9.27	9.34					1							G
22453	6.781	0.008	5.041	0.003		1.447	0.004	G	1.51	0.03	C	5.0115	0.0013	0.010	51		5.00	5.03		M			1							S
22454	8.940	0.017	8.521	0.017		0.396	0.022	T	0.46	0.02	L	8.5513	0.0034	0.024	71		8.51	8.59	0.18	P 1 A			1							
22455	9.424	0.027	7.315	0.010		1.744	0.023	T	1.77	0.02	L	7.1600	0.0017	0.012	58		7.14	7.18					1							
22456	10.693	0.052	8.835	0.018		1.545	0.044	T	1.61	0.10	L	8.7458	0.0026	0.018	101		8.72	8.77					1							
22457	8.835	0.010	7.469	0.006		1.157	0.009	T	1.12	0.01	L	7.5125	0.0010	0.011	144		7.49	7.54					1							S
22458	9.167	0.022	8.511	0.019		0.609	0.025	T	0.68	0.02	L	8.5573	0.0028	0.014	49		8.54	8.59		D			1 X S							
22459	9.098	0.026	8.595	0.019	*	0.484	0.024	T	0.56	0.03	L	* 8.9396	0.0017	0.015	95	*	8.91	8.97		D	04500−5143	I 1	2 C A	AB	16	2.185	0.008	1.76	0.04	S
22460	9.672	0.029	9.186	0.030		0.457	0.038	T	0.53	0.04	L	9.2307	0.0023	0.016	52		9.20	9.27		C			1 G							
22461	6.768	0.005	6.840	0.008		−0.045	0.002	G	−0.02	0.00	H	6.8434	0.0009	0.007	65		6.83	6.86		C			1							S
22462	10.592	0.049	10.117	0.048		0.447	0.063	T	0.52	0.07	L	10.1849	0.0026	0.028	68		10.13	10.22					1							G
22463	9.015	0.017	8.475	0.016	*	0.513	0.017	T	0.59	0.02	L	* 8.6339	0.0020	0.017	126	*	8.61	8.67		D	04501−3911	I 1	2 C A	AB	48	4.105	0.004	0.82	0.02	S
22464	10.067	0.024	8.785	0.015		1.091	0.022	T	1.05	0.02	L	8.8250	0.0021	0.015	107		8.79	8.85					1							
22465	9.081	0.012	7.612	0.007	A	1.238	0.011	T	1.20	0.01	L	7.6560	0.0050	0.017	144	A	7.64	7.69			04501+6632	I 1	2 C A	AB	123	12.012	0.021	3.05	0.08	
22466											T	11.6246	0.0350	0.344	103		10.94	11.93	0.44	P 1 A			1							D
22467	7.929	0.006	6.834	0.004	A	0.977	0.142	G	0.93	0.01	L	* 6.8861	0.0010	0.012	195	*	6.87	6.91			04501−1548	H 1	2 C C	AB	166	1.089	0.042	4.04	0.16	S
22468	10.918	0.041	8.909	0.014		1.665	0.034	T	1.69	0.04	L	8.7985	0.0023	0.024	121		8.76	8.84		R			1 S							
22469	9.034	0.013	7.579	0.007		1.227	0.012	T	1.19	0.01	L	7.6268	0.0011	0.010	106		7.61	7.64		C			1							S
22470	10.136	0.023	9.059	0.015		0.932	0.021	T	0.93	0.01	L	9.1134	0.0022	0.020	120		9.06	9.16			04501−3621	I 1	1							
22471	11.309	0.071	9.543	0.026		1.472	0.060	T	1.49	0.09	L	9.4928	0.0022	0.023	98		9.45	9.52					1							
22472	9.662	0.017	8.122	0.009		1.293	0.015	T	1.25	0.02	L	8.1343	0.0013	0.015	145		8.10	8.16					1							
22473	9.914	0.021	9.199	0.018		0.644	0.021	T	0.71	0.02	L	9.2387	0.0022	0.019	110		9.20	9.27		C			1							
22474	10.351	0.030	8.484	0.012		1.584	0.027	T	1.79	0.09	O	8.4001	0.0036	0.033	94		8.35	8.45		U 2			1							
22475	8.392	0.011	7.967	0.014		0.410	0.014	G	0.48	0.01	H	8.0289	0.0021	0.010	49		8.01	8.04		C			1							S
22476	6.899	0.004	6.877	0.005		0.025	0.006	T	0.04	0.01	L	6.8909	0.0007	0.008	158		6.88	6.91					1							S
22477	9.849	0.025	8.311	0.013		1.292	0.022	T	1.25	0.02	L	8.3502	0.0016	0.011	71		8.33	8.38		C			1							
22478	9.709	0.021	9.195	0.020	*	0.493	0.022	T	0.57	0.02	L	* 9.1404	0.0035	0.024	90	*	9.10	9.17		D	04502−5744	I 1	2 C A	AB	315	0.728	0.006	1.09	0.02	
22479	6.304	0.003	5.142	0.002		0.992	0.002	G	0.95	0.04	E	5.1981	0.0006	0.005	153		5.19	5.21		C			1							S
22480	10.821	0.033	8.800	0.011		1.674	0.028	T	1.70	0.03	L	8.7255	0.0014	0.018	192		8.69	8.75		C			1							
22481	10.553	0.027	9.564	0.018		0.854	0.025	T	0.87	0.02	L	9.6308	0.0027	0.033	191		9.58	9.69					1 X							
22482	10.165	0.020	9.291	0.015		0.753	0.003	G	0.80	0.00	H	9.3559	0.0017	0.026	176		9.32	9.41		D			1							
22483	9.725	0.021	9.465	0.025		0.248	0.031	T	0.28	0.04	L	9.4722	0.0025	0.016	84		9.44	9.50					1							
22484	10.305	0.027	9.423	0.019	*	0.771	0.025	T	0.81	0.02	L	* 9.4660	0.0026	0.024	129	*	9.42	9.51		D	04502−3113	I 1	2 C A	AB	214	0.307	0.006	0.42	0.09	
22485						−0.060	0.015	G	−0.04	0.01	H	12.6477	0.0124	0.121	56		12.47	12.81					1							G
22486	9.990	0.031	8.663	0.018		1.126	0.028	T	1.09	0.03	L	8.6662	0.0024	0.016	80		8.64	8.69					1							
22487	10.138	0.042	9.044	0.027	*	0.945	0.038	T	0.94	0.03	L	* 9.0592	0.0027	0.013	41	*	9.04	9.08		D	04503+3949	H 1	2 C S A	AB	139	0.187	0.016	0.10	0.36	
22488	6.493	0.004	6.104	0.004		0.408	0.003	G	0.47	0.07	F	6.1392	0.0006	0.005	110		6.13	6.15			04503−4119	I 1	1							S
22489	10.904	0.036	9.183	0.015	*	1.436	0.031	T	1.43	0.05	L	* 9.1431	0.0029	0.026	142	*	9.10	9.19		C	04503+6657	H 1	2 C S D	AB	263	0.103	0.242	2.24	4.61	D
22490	7.394	0.010	7.244	0.011		0.144	0.014	T	0.16	0.01	L	7.2714	0.0013	0.008	69		7.26	7.29			04503+0657	I 1	1							S
22491	9.132	0.010	8.017	0.007		0.961	0.010	T	0.95	0.01	L	8.0720	0.0013	0.014	197		8.05	8.10					1							S
22492						1.340	0.015	G	1.30	0.02	H	11.0819	0.0042	0.041	106		11.00	11.14					1							G
22493	9.860	0.019	8.646	0.012		1.038	0.018	T	1.01	0.01	L	8.6903	0.0021	0.019	134		8.65	8.72					1							
22494	8.549	0.011	8.201	0.011		0.330	0.015	T	0.38	0.02	L	8.2552	0.0018	0.014	104		8.22	8.28					1							S
22495	9.593	0.014	9.180	0.014		0.390	0.018	T	0.46	0.02	L	9.2305	0.0014	0.019	165		9.19	9.26					1							
22496	7.774	0.010	7.162	0.008		0.563	0.008	G	0.64	0.01	H	7.2208	0.0014	0.009	61		7.21	7.24		C			1 G							S
22497	8.841	0.011	8.237	0.010		0.563	0.013	T	0.64	0.01	L	8.3069	0.0015	0.015	112		8.28	8.33		C			1							S
22498	11.611	0.080	9.908	0.027		1.330	0.020	G	1.54	0.03	I	9.9824	0.0068	0.099	162		9.90	10.44		U 2 C	04504+6320	I 1	1 X							G Y
22499	8.898	0.016	7.487	0.009		1.192	0.014	T	1.15	0.01	L	7.5270	0.0018	0.010	67		7.51	7.55					1							S
22500	7.791	0.007	7.235	0.007		0.526	0.015	G	0.60	0.02	H	7.2929	0.0009	0.011	139		7.27	7.31		C	04505−3834	I 1	1 O							S

Number		Descriptor: epoch J1991.25					Position: epoch J1991.25			Par.	Proper Motion		Standard Errors					Astrometric Correlations (%)										Soln	
HIP		RA	Dec	V			α (ICRS)	δ		π	$\mu_{\alpha*}$	μ_δ	α*	δ	π	$\mu_{\alpha*}$	μ_δ	δ/α*	π/α*	π/δ	$\mu_{\alpha*}$/α*	$\mu_{\alpha*}$/δ	$\mu_{\alpha*}$/π	μ_δ/α*	μ_δ/δ	μ_δ/π	μ_δ/$\mu_{\alpha*}$	F1	F2
		h m s	±° ′ ″	mag			deg	deg		mas	mas/yr	mas/yr	mas	mas	mas	mas/yr	mas/yr											%	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
22501		04 50 28.86	−39 30 05.3	8.38		H	72.620 240 14	−39.501 470 64		2.33	5.34	9.49	0.60	0.62	0.74	0.74	0.78	−16	+6	−17	+3	−1	−10	−5	+18	−8	−6	0	1.05
22502		04 50 28.89	−26 01 40.4	9.31		H	72.620 388 25	−26.027 884 45		3.25	41.10	1.12	0.76	1.03	1.47	0.82	1.13	−9	+17	−23	−27	−4	+1	−2	+3	+1	−11	0	−0.17
22503		04 50 31.85	−27 06 03.1	7.26		H	72.632 691 11	−27.100 856 03		4.05	15.48	11.14	0.48	0.61	0.82	0.54	0.73	−11	+16	−21	−27	−4	+0	−7	−2	−11	−3	0	0.99
22504		04 50 32.90	−85 22 30.3	8.14		H	72.637 066 79	−85.375 074 84		23.20	48.40	−38.00	0.57	0.65	0.66	0.61	0.76	−5	+20	−10	−10	−5	−5	−1	+29	−7	−19	2	0.32
22505		04 50 33.76	+15 05 00.6	7.73		H	72.640 678 64	+15.083 503 73		23.64	89.49	−20.65	0.91	0.61	0.99	1.15	0.81	+24	+21	−3	+1	−1	+4	−8	+30	−7	+42	0	0.27
22506		04 50 35.41	−41 02 51.5	8.94	2	H	72.647 554 52	−41.047 626 84		18.89	35.98	69.44	0.69	0.76	0.85	0.75	0.93	−4	−1	−6	−21	+0	+10	−5	+16	−13	+10	1	0.76
22507		04 50 35.46	−34 12 25.9	8.40		H	72.647 738 47	−34.207 197 74		4.93	21.32	20.50	0.60	0.71	0.85	0.65	0.78	−3	+7	−15	−12	−7	+12	−6	−5	−5	−4	0	−1.81
22508		04 50 36.39	+70 56 29.7	6.36		H	72.651 607 10	+70.941 577 37		5.04	1.71	−20.20	0.34	0.47	0.64	0.38	0.56	−13	+9	+0	+3	+13	+4	+12	−5	+16	−25	1	1.11
22509		04 50 36.72	+08 54 00.9	4.35		H	72.653 009 43	+08.900 252 58		16.84	−0.87	−31.57	0.96	0.87	1.28	1.52	1.34	+34	+22	−48	+29	+48	+0	+31	+72	−34	+70	3	0.20
22510		04 50 37.67	+15 47 49.5	9.18	2	H	72.656 950 81	+15.797 074 70		−1.15	7.42	2.79	1.34	0.95	1.48	1.68	1.25	+26	+9	−10	+4	+15	+4	+6	+35	−12	+49	0	1.87
22511		04 50 37.77	−04 07 16.9	9.10		H	72.657 394 83	−04.121 371 87		1.57	9.33	−2.10	1.20	0.80	1.47	1.92	1.10	−7	+32	−15	+12	+9	+34	+4	+37	−34	−28	2	0.36
22512		04 50 38.98	−39 00 41.4	9.19		H	72.662 428 05	−39.011 490 64		0.45	10.60	−1.08	0.74	0.87	0.97	0.81	1.13	−4	+15	−4	−13	+8	−9	+1	+17	−12	+16	1	0.35
22513		04 50 39.24	+50 24 32.6	7.65	2	H	72.663 481 93	+50.409 054 45		4.57	−3.73	−1.62	1.24	0.75	1.30	1.42	0.87	+50	+17	−12	−47	−28	+17	−36	+10	−21	+57	0	−0.50
22514		04 50 40.42	−45 40 06.3	7.89		H	72.668 423 84	−45.668 410 32		6.83	22.30	19.44	0.61	0.62	0.70	0.74	0.72	−12	+14	−9	+12	−15	−5	−13	+14	+10	−33	0	−0.53
22515		04 50 42.15	−29 46 38.9	8.57		H	72.675 611 87	−29.777 469 26		11.22	4.64	−93.05	0.57	0.83	1.00	0.65	1.16	−4	+12	−20	+12	−14	+26	−9	−29	−6	+6	0	0.45
22516		04 50 42.19	−52 37 40.2	8.27		H	72.675 800 00	−52.627 832 69		2.68	9.51	16.51	0.64	0.66	0.71	0.70	0.90	−2	+0	+0	+9	+0	+5	−3	+20	−1	+21	0	0.39
22517		04 50 43.87	−09 32 58.9	8.51		H	72.682 804 56	−09.549 700 96		3.97	−1.34	−0.64	0.77	0.75	1.01	0.98	0.93	+11	+12	−34	+28	+8	+7	+6	+44	−28	+24	0	−2.53
22518	H	04 50 43.98	−82 01 57.0	9.90		G	72.683 252 95	−82.032 513 67	*	8.56	−18.73	−10.31	1.87	2.26	1.22	1.17	1.39	−12	+11	+3	−6	−2	−11	−4	−13	−7	−14	0	−0.38
22519		04 50 44.37	−18 53 59.9	7.31		H	72.684 881 69	−18.899 981 89		5.40	24.33	−35.82	0.64	0.54	0.92	1.01	0.76	−24	+17	−1	+12	−18	+27	−22	+6	−34	−68	0	0.90
22520		04 50 45.39	+01 08 52.1	6.66		H	72.689 107 85	+01.147 817 27		7.76	3.12	−21.80	0.90	0.52	1.07	0.92	0.62	−3	+50	−18	+38	+14	+4	−1	+60	−28	−1	0	−0.72
22521		04 50 46.42	+40 36 24.9	8.40		H	72.693 428 59	+40.606 910 44		4.84	12.40	−13.86	1.15	0.78	1.26	1.31	0.87	+11	+42	+3	+20	−13	−21	−12	+26	−2	−1	0	0.83
22522		04 50 48.07	+56 31 49.0	7.82		H	72.700 284 33	+56.530 281 03		7.73	20.31	−10.49	0.72	0.67	1.09	0.87	0.79	−5	+27	−35	+19	−8	+10	−12	+34	−18	+25	0	−0.30
22523		04 50 48.09	+31 33 57.3	7.59		H	72.700 386 72	+31.565 904 86		3.73	4.92	−18.77	1.03	0.72	1.15	1.34	0.78	+9	+11	−28	+33	−8	−24	−14	+18	−4	+8	0	1.49
22524		04 50 48.49	+16 12 37.9	7.29		G	72.702 055 04	+16.210 515 08		19.30	83.97	−24.87	0.79	0.55	0.95	1.08	0.72	+23	+8	−20	−1	+8	+31	+5	+35	+3	+47	0	−0.39
22525		04 50 49.00	−72 25 27.2	9.30		H	72.704 182 89	−72.424 234 33		4.81	16.64	17.48	0.78	0.82	0.85	0.83	1.00	−13	+5	+7	−8	−2	+0	−3	−8	+2	−19	0	−0.26
22526		04 50 49.36	−00 05 41.5	7.27		H	72.705 670 13	−00.094 851 15		7.13	14.15	−48.07	0.83	0.54	0.97	0.88	0.63	+8	+40	−4	+21	+9	−12	+7	+49	−4	+9	0	−0.95
22527		04 50 52.00	+28 18 50.8	7.53		G	72.716 665 97	+28.314 105 71		2.72	7.54	−16.28	1.02	0.75	1.15	1.74	0.95	+35	−2	−38	−37	−34	+32	−23	−20	+23	+42	0	−0.82
22528		04 50 52.87	+67 10 02.2	9.51		H	72.720 280 90	+67.167 264 60		11.28	−164.22	−197.07	0.67	0.72	1.06	0.69	0.79	−3	+22	−22	−14	+7	+2	+9	−10	+10	+10	0	0.71
22529		04 50 53.12	+37 45 37.5	7.28		H	72.721 343 91	+37.760 409 72		14.39	39.06	35.77	0.84	0.68	0.96	0.86	0.80	+15	+37	−18	+14	+24	−12	+14	+21	−19	+36	0	0.62
22530		04 50 53.96	−26 07 45.9	7.91		H	72.724 827 29	−26.129 424 27		3.76	15.61	−56.79	0.51	0.71	0.96	0.60	0.95	−2	+6	−16	−30	−3	−1	−4	+1	−4	+0	0	−0.85
22531		04 50 55.39	−53 27 42.2	5.58		H	72.730 776 22	−53.461 721 12	A	26.97	−79.08	87.79	1.64	1.61	1.32	1.46	1.72	+4	−7	+3	−30	−8	−1	−10	−16	+12	+12	2	−1.06
22532		04 50 55.73	+00 34 35.9	10.13		G	72.732 226 96	+00.576 627 05		5.21	47.01	−7.24	1.57	1.07	1.86	1.69	1.25	+12	+27	+1	+31	+14	−14	+10	+57	−11	+18	0	1.08
22533		04 50 55.92	−34 00 41.4	8.80		H	72.733 019 88	−34.011 498 23		−0.68	19.14	15.07	0.66	0.80	0.94	0.69	0.90	−4	+3	−8	−13	−5	+9	−5	−11	−7	−3	0	0.36
22534		04 50 56.58	−53 27 35.7	6.42		H	72.735 745 65	−53.459 903 99	B	31.18	−87.35	84.89	9.87	10.11	4.99	5.64	6.86	+6	−9	+6	−20	−5	−1	−7	−8	+13	+19	2	−1.06
22535		04 50 57.29	+03 08 32.4	11.53	3	H	72.738 699 50	+03.142 336 69		−1.12	5.28	−6.40	8.42	4.33	9.64	4.52	4.05	+35	+84	+23	+52	+37	+19	+19	+84	+1	+34	8	−0.66
22536		04 51 00.63	+24 07 21.7	9.90		H	72.752 641 96	+24.122 683 80		5.83	−5.16	−10.99	2.23	1.20	2.42	1.84	1.41	+2	+67	−4	+6	+27	+3	+7	+37	−18	+12	0	−1.12
22537	H	04 51 03.02	−44 55 32.8	8.88		H	72.762 579 24	−44.925 790 07	A	3.60	4.85	26.15	1.87	1.76	1.78	1.84	1.72	+10	+18	−14	−11	−3	+4	−4	+0	−11	−13	0	0.40
22538		04 51 03.81	−27 31 11.0	8.58		H	72.765 854 87	−27.519 732 66		13.87	32.09	1.81	0.65	0.80	1.13	0.74	0.94	−17	+24	−24	−18	−1	+7	−2	+5	−3	−1	0	−1.40
22539		04 51 04.44	+44 58 17.3	9.99		H	72.768 486 02	+44.971 484 84	B	4.09	−0.25	1.03	14.55	10.70	11.19	14.46	8.30	+0	+38	−47	−21	−27	+11	−21	−7	−3	+13	8	2.51
22540		04 51 04.84	+44 58 07.8	8.59		H	72.770 147 05	+44.968 828 87	A	1.48	−1.67	−1.12	3.22	2.62	3.23	4.14	2.49	−6	+33	−50	−14	−23	+15	−13	−8	+4	+11	8	2.51
22541		04 51 05.27	−43 52 33.9	9.37		G	72.771 964 19	−43.876 085 09		3.39	23.94	8.71	0.84	0.87	0.96	1.00	1.06	−17	+29	−8	−12	+6	+1	+2	+8	−8	−12	1	0.86
22542		04 51 06.43	+54 24 30.5	8.80		G	72.776 772 44	+54.408 467 66		4.37	39.54	−24.91	0.87	0.78	1.22	1.18	0.93	+12	+22	−39	+7	+0	+16	+0	+25	−7	+43	0	0.30
22543		04 51 07.56	−25 18 36.0	7.16		H	72.781 514 66	−25.310 002 62		4.62	8.89	9.65	0.33	0.53	0.70	0.43	0.61	−4	+9	−11	−17	−5	+1	−4	−6	+2	−9	0	−0.56
22544		04 51 07.82	+52 23 54.9	8.83		G	72.782 592 45	+52.398 596 78		3.61	7.63	−18.56	1.09	0.86	1.15	1.44	1.05	−10	+1	−15	+13	−33	+3	−35	+36	+12	+10	0	1.09
22545		04 51 09.36	+48 44 26.7	5.64		H	72.789 015 70	+48.740 758 31		10.16	−43.00	−30.30	0.66	0.50	0.75	0.74	0.55	+19	+27	−6	+26	−15	−3	−16	+58	−26	+15	0	−0.61
22546		04 51 09.44	−44 16 49.1	8.38		H	72.789 316 93	−44.280 301 97		3.71	11.65	46.30	0.64	0.66	0.74	0.82	0.82	−6	+9	−8	−14	−6	+7	−4	−1	+1	−13	0	−0.38
22547		04 51 10.69	−48 03 45.4	8.06		H	72.794 547 23	−48.062 597 69		2.58	4.94	3.03	0.60	0.67	0.73	0.66	0.82	−1	−4	+7	+1	−1	+20	−5	+16	+20	+10	0	0.70
22548		04 51 11.87	+09 54 58.8	9.80		H	72.799 468 46	+09.916 323 12		9.41	−38.74	−9.55	2.08	1.75	2.27	3.31	2.64	+35	+12	−33	+32	+51	−27	+35	+69	−25	+62	0	1.91
22549		04 51 12.37	+05 36 18.4	3.68		H	72.801 525 07	+05.605 101 46		2.59	−3.62	1.03	0.71	0.52	0.80	0.97	0.63	+21	+21	−19	+19	+33	+13	+33	+66	−24	+9	0	1.82
22550	H	04 51 12.48	+11 04 05.0	6.79		G	72.802 005 57	+11.068 046 97	*	20.15	87.60	−8.72	0.99	0.71	1.14	1.39	0.98	+37	+21	−21	+23	+24	−17	+12	+55	−34	+49	0	−0.15
22551		04 51 12.97	−43 03 06.7	8.08		G	72.804 043 69	−43.051 861 50		8.38	35.41	71.39	0.57	0.59	0.68	0.68	0.72	−7	+13	+2	−11	−1	+10	+0	−1	+1	−22	2	0.98
*22552		04 51 13.35	+68 10 07.7	6.54	2	H	72.805 639 70	+68.168 796 23	*	0.36	−4.37	−5.20	0.43	0.64	0.84	0.63	0.65	−1	+13	−16	−30	−5	−6	−2	−19	+11	−1	2	1.31
*22553		04 51 13.30	+61 31 36.3	9.28		H	72.805 432 60	+61.526 752 96		3.01	13.40	−29.43	0.96	0.97	1.47	1.27	1.30	−20	+26	−18	+7	+16	−2	+14	+46	−9	−17	0	1.69
22554		04 51 14.18	−10 58 13.0	8.66		H	72.809 079 77	−10.970 266 49		4.00	−1.72	−5.11	0.92	0.79	1.11	1.03	0.90	−22	+29	−34	+51	−19	+0	−21	+30	−20	−3	0	2.29
22555		04 51 14.25	−45 02 46.9	9.29		H	72.809 389 75	−45.046 355 26		0.55	10.00	0.68	0.82	0.89	1.00	0.84	0.98	−2	+21	−21	−9	−6	+5	−5	−10	+2	+1	0	−0.16
22556		04 51 14.57	+14 21 23.2	10.74		H	72.810 718 35	+14.356 442 78		3.68	1.18	−20.14	2.11	1.28	2.26	2.90	1.72	+13	+21	−9	−12	−26	+15	−28	+5	−6	+30	0	0.58
22557		04 51 14.82	+24 17 27.0	8.85		H	72.811 740 96	+24.290 842 34		7.64	−3.65	−23.30	1.32	0.85	1.47	1.28	0.97	+19	+50	+18	−3	+34	+17	+18	+20	−18	+11	0	0.81
22558		04 51 16.37	+34 05 34.5	8.14		H	72.818 204 57	+34.092 915 66		6.35	−11.36	−2.35	1.11	0.75	1.25	1.18	0.81	−3	+47	−27	+24	+7	−6	+0	+37	−11	+1	0	−0.63
22559		04 51 16.78	+32 53 24.8	9.25		G	72.819 906 11	+32.890 231 21		20.54	−75.46	−261.19	1.24	0.91	1.47	1.17	0.86	+2	+27	−33	+6	+10	+11	+7	+25	−13	+31	0	0.89
22560		04 51 17.07	+46 38 31.4	8.60		H	72.821 108 05	+46.642 058 17		2.92	−14.11	−7.92	1.17	0.85	1.46	1.80	1.03	+20	+11	−34	−15	−37	+42	−34	+23	−7	+40	0	0.12
22561		04 51 20.32	+77 13 30.8	9.27		H	72.834 666 09	+77.225 222 22	A	2.57	17.36	−21.94	1.35	1.55	1.61	1.12	1.36	−10	−3	+15	−4	+15	+7	+15	−5	+0	−8	1	1.26
22562		04 51 20.63	−53 24 21.9	9.02		H	72.835 967 30	−53.406 082 16		27.10	−80.97	84.51	0.78	0.72	0.80	0.82	0.90	+6	−9	+9	−23	−11	−1	−13	−8	+11	+8	0	1.37
22563		04 51 20.87	−68 04 11.3	6.81		H	72.836 939 07	−68.069 799 21		18.02	−60.06	60.18	0.48	0.50	0.51	0.52	0.63	−8	+14	−4	−8	−2	+6	−3	−1	−11	−18	0	−0.69
22564		04 51 21.06	−32 54 07.8	9.19	2	H	72.837 769 90	−32.902 158 86		−0.45	3.32	6.65	0.70	0.86	1.06	0.81	1.03	−13	+18	−10	+21	−5	+0	−9	+23	−24	−4	1	1.15
22565		04 51 22.41	+18 50 23.8	5.08	1	H	72.843 388 84	+18.839 940 85		17.27	79.66	−32.76	0.79	0.55	0.82	0.93	0.75	+41	+37	+1	+19	+16	−6	+5	+53	−17	+51	2	1.79
22566		04 51 23.18	+15 26 00.6	7.90		G	72.846 562 74	+15.433 508 88		17.14	67.63	−17.21	0.90	0.61	1.00	1.08	0.79	+35	+18	−8	−11	−1	+10	−10	+18	−11	+55	2	0.77
22567		04 51 26.12	−68 26 23.9	8.98		H	72.858 838 40	−68.439 972 29		2.55	2.14	24.73	0.78	0.80	0.81	0.86	1.01	−1	+8	−8	−3	−18	+3	−21	−11	+5	−18	0	−1.76
22568	H	04 51 26.31	+15 52 53.5	8.47		G	72.859 618 41	+15.881 526 99	A	1.87	−2.59	−2.70	1.85	1.20	1.88	2.02	1.38	+11	+3	−23	−9	−2	+5	−2	+23	−15	+21	1	0.18
*22569		04 51 27.09	+55 50 14.0	7.91		H	72.862 860 39	+55.837 226 51		18.15	52.75	−207.55	0.77	0.63	1.17	0.84	0.67	−22	+27	−38	+5	−12	+12	−19	+30	−27	+4	0	−0.71
*22570		04 51 27.03	−51 43 32.1	6.55		H	72.862 620 71	−51.725 588 24		2.70	−3.34	11.37	0.52	0.51	0.53	0.61	0.63	−13	−1	+0	+33	−24	+6	−26	+19	+4	−13	0	1.31
22571		04 51 27.79	+29 49 54.2	9.81		H	72.865 812 47	+29.831 730 36		5.16	24.19	−13.24	1.35	1.02	1.46	1.41	1.15	+0	+33	−13	−11	+22	+1	+17	−5	−13	+13	0	0.70
22572		04 51 28.01	−49 23 44.1	8.22		H	72.866 689 23	−49.395 596 55		13.65	0.77	79.98	0.60	0.70	0.74	0.66	0.81	+1	−3	−12	+0	−9	+9	−9	+12	+24	+4	0	1.60
22573	H	04 51 28.20	−34 54 22.4	5.82		H	72.867 494 63	−34.906 232 00	*	11.39	24.68	−22.43	0.50	0.71	0.59	0.39	0.54	+1	+9	−19	−3	+1	+13	+0	+2	−18	+27	1	0.02
22574		04 51 28.37	−00 32 47.8	7.87	1	H	72.868 209 37	−00.546 624 96		5.76	21.04	−1.85	0.86	0.59	1.04	0.94	0.72	+14	+37	−21	+19	+9	−11	−3	+41	−19	+32	0	−1.62
*22575		04 51 29.44	−03 08 42.5	8.31		H	72.872 672 26	−03.145 145 56		4.69	3.88	−54.74	0.98	0.64	1.05	1.26	0.75	−4	+13	−9	+41	−1	−13	−3	+41	−11	+0	0	−1.41
*22576		04 51 29.43	+35 48 55.5	6.78		H	72.872 617 22	+35.815 426 12		30.51	20.67	−117.91	0.81	0.70	0.94	0.91	0.84	+15	+23	−31	+16	+38	−13	+27	+30	−30	+36	0	0.72
22577		04 51 30.59	−03 39 34.4	7.34		H	72.877 473 68	−03.659 542 40		2.88	−10.67	2.79	0.92	0.59	0.98	1.20	0.71	−6	+14	−8	+39	−3	−10	−6	+42	−12	−4	0	−0.29
22578		04 51 31.27	+28 31 36.9	7.66	2	H	72.880 275 68	+28.526 927 24		0.78	−3.11	−11.03	1.11	0.85	1.20	1.92	1.09	+30	+0	−29	−42	−34	+39	−23	−43	+12	+20	0	−0.72
22579		04 51 32.43	−40 24 50.6	9.27		G	72.885 126 02	−40.414 055 30		5.55	−24.41	1.90	0.77	0.76	0.91	0.81	0.89	−6	+6	−10	−19	−2	+21	−5	+23	−10	+4	0	0.17
22580		04 51 32.58	+42 38 42.5	10.16		H	72.885 747 59	+42.645 145 50		0.47	−8.33	−9.78	1.81	1.36	2.27	2.18	1.45	−3	+35	−27	−3	−7	−27	−19	+3	−16	−1	0	0.65
22581		04 51 33.55	−22 19 16.2	9.49		H	72.889 783 33	−22.321 165 73		1.98	−10.13	−7.15	1.06	1.21	1.80	1.56	1.47	+7	+18	−31	−51	+4	−25	−1	+12	−5	+7	1	1.94
22582		04 51 35.51	−14 35 19.0	7.99		H	72.897 947 91	−14.588 617 74		4.86	−9.67	−15.43	0.72	0.62	1.11	0.85	0.73	−20	+31	−23	+13	−21	+7	−19	+3	+2	−32	0	−0.05
22583		04 51 36.34	+12 47 39.1	9.64		H	72.901 395 93	+12.794 196 92		4.64	19.20	−41.29	1.38	0.85	1.45	1.71	1.08	+6	+25	−13	−4	+6	−7	+4	+19	−13	+3	0	0.93
22584		04 51 37.05	+25 58 51.6	9.33		H	72.904 379 87	+25.981 006 66		4.26	−8.52	−3.45	1.20	0.84	1.39	1.48	0.99	−2	+40	−35	−1	+10	−10	+1	+23	−6	+27	0	−1.28
22585		04 51 37.16	−02 56 59.3	8.39		H	72.904 839 63	−02.949 809 87		0.05	2.78	0.68	0.97	0.70	1.10	1.21	0.84	+6	+22	−11	+35	+9	−9	+6	+52	−8	+12	0	0.02
22586		04 51 38.32	+04 36 37.4	9.13		H	72.909 668 82	+04.610 391 83		2.93	−8.84	−16.79	1.07	0.79	1.28	1.19	0.95	+23	+31	−17	+19	+39	−2	+27	+64	−26	+34	2	0.27
22587		04 51 39.04	−59 00 36.4	8.79		H	72.912 653 95	−59.010 101 65		10.51	−49.68	−90.78	0.70	0.74	0.77	0.85	0.97	−1	−5	−5	+12	+4	−18	+3	+3	+2	+0	2	−0.79
22588		04 51 39.25	−10 17 25.2	7.27		G	72.913 548 12	−10.290 327 90		2.38	−6.94	−3.07	0.66	0.62	0.83	0.81	0.77	+12	+15	−29	+37	+17	−4	+13	+44	−23	+32	2	1.58
22589		04 51 40.52	−31 34 02.1	8.08		G	72.918 816 83	−31.567 262 02		18.11	96.12	−24.47	0.60	0.66	0.86	0.72	0.83	+0	+2	−21	+38	−6	+10	−4	+14	−26	+2	0	−0.06
22590		04 51 40.57	−08 24 04.7	7.17		G	72.919 033 48	−08.401 317 98		6.89	−1.44	7.94	0.69	0.55	0.86	0.76	0.64	−11	+21	−36	+44	+5	−16	−6	+45	−33	+18	0	1.96
22591		04 51 40.76	−00 05 13.2	8.95		H	72.919 842 34	−00.086 992 96		0.72	5.56	1.60	1.16	0.73	1.36	1.29	0.92	+3	+37	−16	+9	+2	−9	−6	+31	−12	+19	0	−0.30
22592		04 51 41.50	−11 56 51.4	7.45		H	72.922 914 58	−11.947 618 04		4.48	−13.43	9.60	0.53	0.50	0.90	0.66	0.58	+3	+18	−23	−6	−11	−10	−14	−15	+7	−18	0	1.05
22593		04 51 41.55	−05 22 32.2	8.40		H	72.923 105 56	−05.375 613 58		6.28	−3.66	−1.39	1.07	0.74	1.22	1.15	0.87	+0	+32	−23	+45	+3	−13	−8	+47	−22	+11	0	−0.02
22594		04 51 42.05	−24 22 03.0	8.51		H	72.925 217 62	−24.367 492 18		2.59	18.32	16.85	0.50	0.77	1.05	0.63	0.97	+1	+15	+2	+25	+0	+21	−2	−7	−12	+0	0	−1.23
22595		04 51 42.74	−38 36 38.0	7.88		H	72.928 097 20	−38.610 560 01		5.47	−0.31	14.30	0.54	0.58	0.68	0.57	0.74	+7	+14	−10	−15	+1	−2	−3	+10	−10	+17	0	0.23
22596		04 51 43.24	+45 50 07.9	6.94		H	72.930 176 44	+45.835 530 06		33.44	376.09	−564.90	1.00	0.76	1.12	1.36	0.88	−11	+35	−39	+22	−41	+20	−32	+21	−2	+13	0	0.78
22597		04 51 43.38	+09 58 30.3	6.11		H	72.930 758 95	+09.975 095 62		4.63	2.38	−7.30	0.89	0.65	1.05	1.32	0.94	+21	+24	−34	+13	+28	−20	+8	+49	−24	+59	0	2.53
22598		04 51 43.57	−47 06 27.0	9.40		H	72.931 544 46	−47.107 495 84		9.17	59.41	133.56	0.74	0.84	0.90	0.86	1.02	+3	+2	−7	−3	−13	+17	−13	−3	+9	+12	3	−0.70
22599		04 51 43.89	−55 37 02.3	8.81		H	72.932 879 58	−55.617 312 06		3.42	−1.92	2.66	0.75	0.70	0.82	0.89	0.82	+12	+2	+2	−11	+1	−8	+3	−20	−4	+28	0	1.05
22600		04 51 45.12	+26 51 44.4	10.44		H	72.938 010 50	+26.862 346 52		6.80	−3.88	−28.05	1.72	1.15	1.91	2.16	1.38	+4	+36	−23	−12	+1	+10	+2	+3	+2	+22	0	0.12

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
22501	8.346	0.009	8.376	0.011		−0.029	0.002	G	−0.01	0.00	H	8.3806	0.0016	0.015	117		8.36	8.42				1							S
22502	10.831	0.034	9.430	0.017		1.184	0.030	T	1.14	0.03	L	9.4741	0.0027	0.032	188		9.42	9.53				1							
22503	8.796	0.008	7.389	0.005		1.189	0.007	T	1.15	0.01	L	7.4272	0.0008	0.012	169		7.41	7.45				1							S
22504	8.891	0.012	8.215	0.011		0.614	0.012	T	0.68	0.01	L	8.2647	0.0012	0.013	128		8.24	8.29		C		1							S
22505	8.638	0.014	7.796	0.011		0.740	0.014	T	0.79	0.01	L	7.8651	0.0011	0.009	68		7.86	7.88		C		1 S							S
22506	9.823	0.022	8.985	0.017		0.737	0.021	T	0.78	0.01	L	9.0804	0.0033	0.028	101		9.03	9.11		U 2		1							
22507	9.344	0.014	8.494	0.011		0.747	0.014	T	0.79	0.01	L	8.5392	0.0015	0.014	126		8.51	8.57		C		1							
22508	6.257	0.003	6.338	0.003		−0.069	0.004	T	−0.05	0.00	L	6.3383	0.0005	0.007	208		6.33	6.35				1 G							S
22509	4.378	0.003	4.355	0.002		0.010	0.004	G	0.04	0.02	A	4.3669	0.0006	0.003	50		4.36	4.37				1							S
22510	12.608	0.300	9.590	0.031		2.750	0.600	G	2.75	0.61	J	9.1494	0.0080	0.057	65		9.03	9.24		U 2		1 S							P
22511	9.297	0.020	9.096	0.024		0.192	0.029	T	0.21	0.03	L	9.1627	0.0028	0.018	62		9.13	9.18				1							
22512	10.996	0.045	9.341	0.019		1.384	0.039	T	1.36	0.05	L	9.3379	0.0021	0.022	123		9.30	9.37		C		1							
22513	9.910	0.031	7.865	0.011		1.731	0.027	T	2.33	0.06	O	7.6947	0.0031	0.024	75		7.64	7.74		U 2		1 S							
22514	8.515	0.009	7.953	0.008		0.530	0.009	T	0.60	0.01	L	8.0058	0.0014	0.012	100		7.98	8.03			04507−4540	I 1							S
22515	9.294	0.013	8.637	0.011		0.600	0.013	T	0.67	0.01	L	8.6988	0.0017	0.018	140		8.67	8.73		C		1 G							S
22516	9.544	0.016	8.368	0.010		1.008	0.015	T	0.98	0.01	L	8.4367	0.0014	0.013	114		8.42	8.46		C		1							
22517	8.485	0.012	8.488	0.015		0.002	0.018	T	0.02	0.02	L	8.5162	0.0018	0.014	85		8.49	8.54		C		1							
22518	10.840	0.046	9.953	0.032	*	0.730	0.020	G	0.78	0.02	H *	10.0221	0.0030	0.024	116	*	9.97	10.07		C	04507−8202	H 1	2 C A	AB	318	0.201	0.038	1.58	0.57	
22519	8.942	0.011	7.447	0.006		1.258	0.010	T	1.22	0.01	L	7.4734	0.0015	0.017	145		7.44	7.50				1							S
22520	6.745	0.004	6.671	0.005		0.073	0.006	T	0.08	0.01	L	6.6913	0.0008	0.007	72		6.68	6.71				1							S
22521	10.205	0.042	8.557	0.019		1.378	0.036	T	1.35	0.04	L	8.5462	0.0023	0.018	55		8.53	8.59		C		1							
22522	8.438	0.012	7.877	0.010		0.538	0.015	G	0.61	0.02	H	7.9338	0.0014	0.011	102		7.91	7.95		C		1							S
22523	9.644	0.030	7.777	0.013		1.552	0.026	T	1.57	0.03	L	7.7097	0.0015	0.007	50		7.70	7.73		C		1							
22524	7.891	0.008	7.318	0.010		0.536	0.011	T	0.61	0.01	L	7.3915	0.0015	0.008	64		7.38	7.41		C		1							S
22525	9.974	0.029	9.351	0.026		0.576	0.029	T	0.65	0.03	L	9.4284	0.0018	0.017	109		9.40	9.46				1							
22526	8.644	0.012	7.383	0.008		1.075	0.011	T	1.04	0.02	A	7.4342	0.0012	0.010	83		7.42	7.45		C		1							S
22527	7.918	0.014	7.579	0.016		0.355	0.034	G	0.42	0.04	H	7.6114	0.0014	0.009	49		7.60	7.63		C		1							S
22528	10.306	0.026	9.577	0.022		0.630	0.020	G	0.70	0.02	H	9.6417	0.0044	0.035	143		9.60	9.70		R		1							
22529	7.835	0.011	7.334	0.012		0.471	0.015	T	0.54	0.02	L	7.3853	0.0015	0.011	54		7.37	7.40		C		1							S
22530	9.326	0.011	8.016	0.007		1.113	0.010	T	1.08	0.01	L	8.0741	0.0010	0.015	194		8.05	8.10				1							S
22531	5.972	0.004	5.654	0.004	A	0.341	0.004	G	0.40	0.01	H	5.6660	0.0178	0.069	98	A	5.63	5.87		D	04509−5328	I 2	1 C P B						S
22532	10.790	0.060	10.277	0.058		0.540	0.018	G	0.61	0.02	H	10.2441	0.0035	0.025	81		10.21	10.28		C		1							G
22533	10.268	0.027	8.918	0.015		1.144	0.024	T	1.11	0.02	L	8.9709	0.0013	0.017	116		8.94	8.99		C		1							
22534	6.912	0.006	6.427	0.004	B	0.483	0.003	G	0.53	0.01	L	6.5905	0.0384			B				D	04509−5328	I 2	1 C I B						S
22535						1.500	0.510	G	1.78	0.55	K	11.6322	0.0532	1.062	53		10.15	13.04		U 2 C		1 S							G P
22536	10.570	0.058	9.919	0.052		0.596	0.058	T	0.67	0.05	L	10.0213	0.0043	0.028	49		9.97	10.06				1							G
22537	9.591	0.021	9.190	0.021	*	0.379	0.028	T	0.44	0.03	L *	8.9672	0.0014	0.014	102	*	8.94	9.00		D	04510−4456	I 1	2 C A	AB	357	1.179	0.005	0.24	0.02	
22538	9.173	0.011	8.635	0.011		0.512	0.012	T	0.58	0.01	L	8.6895	0.0022	0.026	152		8.65	8.73				1							S
22539	10.210	0.053	9.888	0.061	B	0.309	0.088	T	0.35	0.12	L	10.0854	0.0244			B					04511+4458	I 2	1 C I A						
22540	8.831	0.021	8.635	0.024	A	0.263	0.015	G	0.30	0.02	H	8.6614	0.0082	0.038	41	A	8.63	8.77		D	04511+4458	I 2	1 C P A						
22541	9.766	0.018	9.390	0.019		0.345	0.005	G	0.40	0.01	H	9.4569	0.0026	0.023	127		9.40	9.49		C		1 G							
22542	9.322	0.019	8.820	0.019		0.495	0.015	G	0.57	0.02	H	8.9066	0.0018	0.020	82		8.85	8.94				1							
22543	7.287	0.003	7.170	0.004		0.106	0.005	T	0.12	0.01	L	7.2016	0.0007	0.009	249		7.18	7.22		C		1							S
22544	9.150	0.022	8.799	0.023		0.300	0.015	G	0.34	0.02	H	8.9049	0.0024	0.015	69		8.88	8.94		C		1							
22545	6.930	0.005	5.748	0.003		1.013	0.005	T	0.99	0.00	L	5.8106	0.0005	0.005	121		5.80	5.82		C		1							S
22546	9.714	0.019	8.532	0.012		1.013	0.018	T	0.99	0.01	L	8.5494	0.0016	0.014	119		8.53	8.57				1							
22547	9.984	0.021	8.225	0.010		1.466	0.018	T	1.48	0.03	L	8.1974	0.0015	0.015	98		8.17	8.24		C		1							S
22548	10.645	0.066	9.931	0.054		0.643	0.064	T	0.71	0.06	L	9.9316	0.0036	0.026	44		9.89	9.98				1							
22549	3.471	0.003	3.652	0.002		−0.157	0.013	G	−0.16	0.02	A	3.6236	0.0007	0.005	97		3.62	3.64				1							S P
22550	7.425	0.007	6.813	0.007	*	0.543	0.013	G	0.59	0.03	C *	6.8664	0.0011	0.008	51	*	6.85	6.88		D	04512+1104	I 1	2 C S A	BA	162	0.179	0.005	0.24	0.20	S
22551	8.646	0.011	8.151	0.011		0.469	0.012	G	0.54	0.01	H	8.1944	0.0017	0.014	124		8.17	8.22			04512−4303	I 1	1						S
22552	10.890	0.030	7.019	0.004		2.100	0.510	G	2.09	0.52	J	6.6116	0.0060	0.165	229		6.37	6.86		U 2 B		1 V							S P
22553	10.434	0.030	9.386	0.020		0.910	0.027	T	0.91	0.02	L	9.4355	0.0027	0.020	117		9.41	9.49		C		1							
22554	8.760	0.013	8.674	0.016		0.084	0.019	T	0.10	0.02	L	8.6941	0.0015	0.012	65		8.68	8.72		C	04512−1058	I 1	1 S						
22555	10.831	0.047	9.428	0.024		1.226	0.020	G	1.18	0.02	H	9.4518	0.0025	0.018	99		9.43	9.48				1							
22556	11.652	0.147	10.699	0.098		0.839	0.131	T	0.86	0.10	L	10.9013	0.0057	0.032	62		10.85	10.97				1 S							G
22557	9.393	0.024	8.888	0.023		0.475	0.030	T	0.55	0.03	L	8.9582	0.0022	0.012	55		8.93	8.98		C		1							
22558	8.464	0.014	8.168	0.015		0.281	0.019	T	0.32	0.02	L	8.2086	0.0016	0.012	53		8.19	8.23		D		1							
22559	10.376	0.043	9.343	0.028		0.860	0.015	G	0.90	0.01	H	9.3973	0.0021	0.018	65		9.36	9.44		C		1							
22560	10.714	0.059	8.824	0.021		1.570	0.050	T	1.59	0.05	L	8.7222	0.0025	0.015	58		8.70	8.74		C		1							
22561	9.496	0.016	9.267	0.018	A	0.218	0.023	T	0.24	0.03	L	9.3383	0.0082	0.025	154	A	9.30	9.39			04513+7714	H 1	2 C A	AB	217	10.121	0.013	1.97	0.06	
22562	10.136	0.025	9.103	0.018		0.885	0.015	G	0.93	0.01	H	9.1691	0.0019	0.017	109		9.15	9.20		C		1							
22563	7.576	0.007	6.876	0.006		0.615	0.003	G	0.68	0.00	H	6.9418	0.0011	0.009	113		6.93	6.96			04513−6804	I 1	1						S
22564	11.358	0.057	9.389	0.017		1.668	0.049	T	2.07	0.10	O	9.2630	0.0034	0.031	135		9.22	9.31		U		1							
22565	5.356	0.003	5.116	0.003		0.214	0.007	G	0.26	0.03	C	5.1512	0.0010	0.008	91		5.14	5.16		M	04513+1851	I 1	1						S P
22566	8.559	0.011	7.956	0.010		0.527	0.008	G	0.60	0.01	H	8.0140	0.0012	0.008	71		8.00	8.03				1							S
22567	10.426	0.035	9.141	0.019		1.093	0.031	T	1.05	0.03	L	9.1467	0.0019	0.018	119		9.11	9.18				1							
22568	10.083	0.033	8.521	0.016	A	0.680	0.040	G	1.15	0.04	L *	8.4707	0.0024	0.016	65	*	8.44	8.50		C	04514+1553	H 1	2 C A	AB	246	1.140	0.042	3.14	0.17	
22569	8.724	0.012	7.989	0.010		0.673	0.012	T	0.73	0.01	L	8.0502	0.0013	0.013	102		8.03	8.08		C		1							
22570	7.449	0.007	6.642	0.005		0.730	0.007	T	0.78	0.01	L	6.6918	0.0007	0.007	103		6.68	6.71				1							S
22571	10.545	0.053	9.947	0.050		0.558	0.064	T	0.63	0.06	L	9.9319	0.0026	0.022	57		9.89	9.98				1							G
22572	8.911	0.011	8.284	0.010		0.579	0.015	G	0.65	0.01	H	8.3459	0.0018	0.017	105		8.32	8.38		C		1							S
22573	5.957	0.003	5.841	0.003	*	0.105	0.004	T	0.12	0.00	L *	5.8634	0.0005	0.005	138	*	5.85	5.88		D	04515−3454	I 1	2 C A	AB	50	0.236	0.002	0.74	0.04	S
22574	8.167	0.013	7.904	0.012		0.273	0.003	G	0.31	0.00	H	7.9422	0.0032	0.019	82		7.91	7.97	0.78	P 1 A			1						S
22575	9.762	0.022	8.437	0.013		1.125	0.020	T	1.09	0.02	L	8.4790	0.0020	0.012	82		8.46	8.50		C			1						S
22576	7.634	0.010	6.844	0.009		0.717	0.010	T	0.77	0.01	L	6.9183	0.0012	0.008	48		6.91	6.94				1							S
22577	9.079	0.017	7.461	0.009		1.355	0.015	T	1.32	0.02	L	7.4857	0.0015	0.008	68		7.47	7.50		C		1							S
22578	11.831	0.198	8.232	0.017		2.300	0.510	G	2.29	0.52	J	7.7056	0.0140	0.085	43		7.50	7.92		U 2		1 S							P
22579	9.691	0.020	9.273	0.020		0.420	0.020	G	0.49	0.02	H	9.3727	0.0019	0.019	104		9.33	9.41		C		1							
22580	12.244	0.247	10.526	0.082		1.758	0.037	G	1.74	0.04	J	10.2670	0.0028	0.025	59		10.24	10.31		D		1							G
22581	10.049	0.021	9.495	0.019		0.524	0.021	T	0.60	0.02	L	9.6076	0.0033	0.034	137		9.55	9.69				1 G							S
22582	8.512	0.010	8.051	0.009		0.435	0.012	T	0.50	0.01	L	8.0888	0.0013	0.014	108		8.06	8.12		C	04516−1435	I 1	1						S
22583	10.449	0.047	9.732	0.039		0.659	0.049	T	0.72	0.04	L	9.7751	0.0027	0.018	58		9.75	9.80		C			1						
22584	10.075	0.037	9.375	0.031		0.633	0.036	T	0.70	0.03	L	9.4667	0.0024	0.012	47		9.45	9.49		C			1						
22585	9.988	0.024	8.511	0.013		1.244	0.021	T	1.20	0.02	L	8.5477	0.0014	0.012	86		8.53	8.57		C			1						
22586	10.687	0.040	9.238	0.020		1.222	0.035	T	1.18	0.03	L	9.2930	0.0015	0.013	88		9.27	9.32		C			1						
22587	9.642	0.018	8.860	0.015		0.710	0.018	T	0.76	0.01	L	8.9381	0.0018	0.017	100		8.92	8.97					1						
22588	7.148	0.006	7.244	0.011		−0.081	0.002	G	−0.06	0.00	H	7.2485	0.0011	0.011	70		7.23	7.27					1						S
22589	8.788	0.011	8.145	0.009		0.586	0.015	G	0.66	0.01	H	8.2026	0.0014	0.019	139		8.17	8.24					1						S
22590	7.171	0.008	7.161	0.008		−0.006	0.002	G	0.01	0.00	H	7.1775	0.0007	0.007	79		7.16	7.19		D			1						S
22591	10.277	0.037	9.089	0.023		1.054	0.005	G	1.02	0.00	J	9.1131	0.0017	0.014	78		9.09	9.14		C			1						
22592	8.760	0.009	7.559	0.006		1.028	0.008	T	1.00	0.01	L	7.6179	0.0010	0.012	163		7.60	7.64					1						S
22593	8.482	0.016	8.392	0.019		0.088	0.023	T	0.10	0.03	L	8.4317	0.0024	0.015	66		8.40	8.45		C			1						S
22594	10.070	0.019	8.639	0.010		1.208	0.017	T	1.17	0.02	L	8.6740	0.0015	0.019	188		8.63	8.72					1						
22595	8.115	0.007	7.899	0.007		0.206	0.009	T	0.23	0.01	L	7.9443	0.0013	0.016	140		7.92	7.97		C			1						S
22596	7.678	0.008	7.038	0.009		0.586	0.014	G	0.71	0.03	G	7.0782	0.0008	0.008	52		7.07	7.09		D	04518+4550	I 1	1						S
22597	6.179	0.005	6.113	0.006		0.060	0.007	T	0.07	0.01	L	6.1411	0.0006	0.005	54		6.13	6.15					1						S
22598	10.024	0.023	9.451	0.021		0.539	0.023	T	0.61	0.02	L	9.5207	0.0021	0.019	110		9.49	9.55		C			1						
22599	10.129	0.026	8.882	0.016		1.064	0.024	T	1.03	0.02	L	8.9766	0.0019	0.015	93		8.95	9.00		C			1						
22600	11.118	0.075	10.442	0.067		0.614	0.076	T	0.68	0.07	L	10.5718	0.0019	0.022	59		10.54	10.62					1						G

Number HIP	Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag		Position: epoch J1991.25 α (ICRS) deg	δ deg	Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ	Standard Errors α* mas	δ	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ	Astrometric Correlations (%)	Soln F1 %	F2
1 2	3	4	5	6 7	8	9 10	11	12	13	14	15	16	17	18	19 20 21 22 23 24 25 26 27 28	29	30
22601	04 51 45.38	+06 10 27.5	8.28	H	72.939 066 50	+06.174 305 45	3.43	2.05	−26.61	1.13	0.70	1.33	1.36	0.85	− 1 +44 −26 +21 +22 +17 +14 +63 −30 − 5	0	0.42
22602	04 51 45.77	−35 50 24.6	8.15	H	72.940 722 58	−35.840 165 12	31.45	−92.36	−32.26	0.65	0.72	0.86	0.70	0.95	+ 3 + 6 −12 + 4 − 9 − 6 −12 − 8 −16 + 9	0	1.98
22603	04 51 47.78	+32 17 54.5	9.38	H	72.949 072 37	+32.298 466 89	6.27	9.21	−44.87	1.23	0.84	1.35	1.41	0.90	− 7 +20 −27 −19 +11 − 3 + 7 + 0 − 9 + 7	0	−0.17
22604	04 51 47.90	−34 13 17.3	8.83	H	72.949 593 92	−34.221 463 20	16.18	73.75	7.86	0.65	0.77	0.91	0.70	0.86	− 4 +11 −14 −16 − 6 +12 − 4 − 9 + 3 + 1	0	0.24
22605	04 51 48.06	−12 44 45.5	8.08	H	72.950 242 35	−12.745 979 02	6.39	−8.77	−3.47	0.61	0.55	1.02	0.79	0.70	− 9 +21 − 6 +15 −10 −14 −17 − 3 −14 −26	0	0.48
22606	04 51 48.45	−33 16 08.5	7.78	H	72.951 888 42	−33.269 030 51	2.05	−14.65	11.62	0.58	0.63	0.79	0.66	0.70	−19 + 9 − 9 +32 −16 +16 −16 + 9 −22 −19	1	0.21
22607 H	04 51 49.92	+13 39 18.7	6.30	G	72.958 017 30	+13.655 194 10 A	23.91	106.84	−16.00	1.33	0.92	1.04	1.18	0.74	− 5 +11 −23 − 9 − 2 − 1 − 2 + 6 −17 +11	0	1.76
22608	04 51 50.34	−18 51 04.3	10.62	H	72.959 736 40	−18.851 182 98	8.80	81.66	−93.29	1.42	1.14	1.88	2.28	1.63	−25 + 1 + 0 +10 −31 +29 −28 +11 −29 −72	0	2.50
22609	04 51 51.19	+08 30 33.2	10.38	H	72.963 303 32	+08.509 232 34	3.73	1.45	4.91	2.08	1.31	2.39	2.51	1.74	+ 7 +42 −21 + 4 +20 + 2 + 8 +51 −27 +15	2	0.11
22610	04 51 52.03	+23 21 16.8	8.75	H	72.966 780 58	+23.354 677 00	0.09	5.85	−4.64	1.25	0.87	1.32	1.51	1.12	+ 5 +39 −16 +12 +24 − 6 +19 +35 − 8 + 7	0	−1.52
22611	04 51 54.19	−34 14 19.3	6.68	H	72.975 783 30	−34.238 680 80	16.02	75.89	9.10	0.46	0.51	0.62	0.45	0.54	+ 2 + 5 −11 −15 − 9 +14 − 8 − 5 − 7 + 0	0	−0.45
22612	04 51 54.50	+33 38 28.3	8.66	H	72.977 089 59	+33.641 202 01	3.10	31.83	−41.97	1.25	0.79	1.43	1.19	0.79	− 8 +40 −25 + 3 + 5 +19 + 6 +14 − 3 +11	0	−0.63
22613	04 51 55.73	−73 43 06.0	9.71	H	72.982 225 87	−73.718 334 01	7.18	−16.88	−0.79	0.85	0.87	0.91	0.88	1.21	−12 +14 − 9 −20 + 6 +15 + 9 − 7 − 4 −13	0	−0.10
22614	04 51 56.79	+54 54 09.5	7.65	G	72.986 618 49	+54.902 631 26	8.43	15.08	−54.23	0.69	0.60	0.98	0.83	0.72	+ 8 +32 −35 +16 + 2 + 7 − 3 +29 −12 +44	2	−0.50
22615	04 51 56.96	+66 29 46.4	8.09	H	72.987 353 08	+66.496 224 92	23.94	60.00	−99.00	0.60	0.66	0.95	0.64	0.73	+ 0 +23 − 8 + 4 +17 + 8 +17 +10 + 1 +11	1	2.34
22616	04 51 57.17	+09 52 22.0	6.82	H	72.988 210 53	+09.872 774 39	18.30	20.57	−29.64	0.98	0.84	1.15	1.64	1.31	+33 +16 −38 +26 +50 −28 +24 +69 −29 +72	0	1.94
22617	04 51 59.06	−05 18 16.1	9.19	H	72.996 090 05	−05.304 468 59	6.25	7.26	−61.71	1.47	1.01	1.81	1.58	1.20	− 1 +34 −21 +28 + 9 −12 − 1 +42 −22 + 6	0	0.89
22618	04 51 59.12	+42 37 36.8	9.43	H	72.996 340 81	+42.626 896 26	1.18	1.26	−4.02	1.41	1.07	1.73	1.69	1.18	+ 3 +37 −17 − 2 − 4 −27 −15 + 6 −20 + 8	0	−0.26
22619	04 52 00.91	−28 03 25.5	9.83	H	73.003 803 54	−28.057 083 61	2.98	9.77	17.81	0.88	1.10	1.43	1.06	1.34	− 3 +15 −19 − 9 −11 +10 − 9 −24 − 9 + 7	0	1.34
22620	04 52 02.01	−46 51 08.7	7.13	G	73.008 372 62	−46.852 408 98	2.95	−3.01	−12.22	0.53	0.57	0.63	0.57	0.68	+ 4 + 5 − 6 − 5 −18 +25 −19 + 5 +10 +13	0	0.87
22621	04 52 02.10	+78 10 06.8	9.48	H	73.008 766 52	+78.168 561 61	3.67	−1.96	7.01	0.71	0.76	0.97	0.72	0.88	− 3 +22 +15 + 0 +19 + 7 +21 −12 + 3 − 3	3	0.29
22622	04 52 03.18	−72 59 44.3	7.92	H	73.013 242 44	−72.995 649 01	9.10	84.81	114.19	0.56	0.60	0.62	0.56	0.77	− 5 +10 − 8 −20 − 9 +16 −12 − 4 −11 − 7	1	1.09
22623	04 52 03.51	+19 13 48.5	10.24	H	73.014 645 02	+19.230 139 95	6.96	−8.04	−16.39	1.70	1.20	1.89	2.37	1.59	+25 +20 −11 +22 + 8 −21 + 2 +54 −23 +33	0	1.27
22624	04 52 04.18	+56 25 24.3	8.07	G	73.017 421 38	+56.423 423 47	12.28	0.86	−57.73	0.74	0.67	1.06	0.84	0.71	−10 +21 −34 +17 −23 + 5 −25 +23 −20 + 0	0	0.44
22625	04 52 04.46	−15 03 09.8	8.50	H	73.018 577 82	−15.052 733 95	3.11	9.38	1.45	0.78	0.70	1.10	0.96	0.83	−11 +13 −19 +15 −15 +13 −14 − 5 − 8 −15	0	−0.36
22626	04 52 05.17	+63 30 20.3	5.47	1 H	73.021 539 45	+63.505 649 99	6.53	38.15	−94.28	0.42	0.47	0.71	0.48	0.55	+ 1 +11 −24 −13 +23 − 2 +23 − 4 +13 +26	3	1.20
22627	04 52 05.64	+06 28 38.3	11.94	G	73.023 506 46	+06.477 293 17	82.52	146.09	−310.14	3.44	2.14	3.99	4.15	2.49	− 4 +36 −26 +30 +17 + 7 + 7 +65 −29 − 2	2	−2.41
*22628	04 52 09.10	+00 02 51.2	8.50	H	73.037 919 17	+00.047 548 31	3.70	25.45	4.45	1.07	0.69	1.26	1.19	0.85	+ 7 +27 − 3 +11 + 2 − 6 − 4 +31 −17 +16	0	−0.30
*22629	04 52 09.06	−62 09 12.3	10.13	G	73.037 765 33	−62.153 404 92	−1.99	41.42	7.74	0.90	0.99	0.99	0.98	1.21	+ 7 +18 + 6 − 4 −16 +11 −21 − 9 −18 −13	0	0.16
22630 H	04 52 09.19	+36 13 13.3	8.62	H	73.038 293 56	+36.220 348 54 A	3.94	−8.41	0.88	1.80	1.25	1.74	1.63	1.34	−42 +40 −31 +11 + 1 +14 +11 + 0 +11 + 0	0	−0.08
22631	04 52 09.36	−19 23 47.4	9.21	2 H	73.038 984 28	−19.396 510 06	−0.64	−8.84	31.12	0.97	0.85	1.55	1.28	1.04	− 8 + 6 + 2 − 1 −29 +12 −27 − 2 −22 −60	0	1.00
22632	04 52 09.80	−27 03 50.7	9.13	G	73.040 840 50	−27.064 085 58	15.55	165.38	−27.80	0.71	0.97	1.20	0.83	1.27	− 5 +22 − 3 −26 − 6 − 9 − 8 +11 − 8 − 5	0	−1.30
22633	04 52 10.56	+31 09 51.9	6.71	H	73.044 010 02	+31.164 425 01	17.35	−19.86	−105.19	0.96	0.63	1.06	1.11	0.69	− 2 +38 − 1 +21 −19 −28 −20 +30 − 9 + 3	0	0.14
22634	04 52 10.93	+00 45 08.1	9.25	G	73.045 544 42	+00.752 249 02	4.27	1.63	−4.80	1.71	0.93	1.97	1.82	1.08	−18 +38 − 9 +36 − 5 + 6 −13 +39 −25 −15	0	1.01
22635 H	04 52 11.24	+04 41 32.9	7.81	G	73.046 831 78	+04.692 472 66 *	4.29	0.68	15.25	1.36	1.45	1.45	1.43	0.97	− 2 +28 −12 +29 + 9 + 5 + 5 +50 −17 − 8	1	−0.11
22636	04 52 12.26	+01 30 34.0	7.42	H	73.051 095 57	+01.509 438 73	2.12	−21.78	−36.60	1.01	0.61	1.21	1.07	0.71	+ 2 +46 −24 +32 +23 −16 + 7 +60 −23 +15	0	−0.29
22637	04 52 12.86	+50 49 11.1	9.48	H	73.053 575 24	+50.819 755 74	2.98	4.50	−3.76	1.50	1.16	1.70	1.98	1.23	+35 + 4 −26 −24 −30 +15 −23 +15 − 8 +33	0	1.31
22638	04 52 13.40	+44 58 26.4	9.26	H	73.055 816 61	+44.973 990 31	33.82	−64.53	85.94	2.25	1.21	2.51	2.06	1.39	−14 +70 −31 −17 −19 −19 −33 − 1 −22 +10	6	−0.11
22639	04 52 14.00	+34 26 36.3	7.63	H	73.058 319 54	+34.443 407 91	6.72	−6.97	2.04	0.93	0.67	1.01	1.02	0.75	− 3 +28 −13 − 4 +24 + 5 +19 +21 −16 + 0	0	1.26
22640	04 52 15.00	+01 50 58.8	7.92	H	73.062 515 89	+01.849 665 59	6.49	2.81	−19.96	0.99	0.62	1.18	1.12	0.72	+ 6 +41 −20 +29 +24 −22 +10 +59 −20 +17	0	−0.84
22641 H	04 52 15.83	−36 19 29.1	9.18	H	73.065 963 74	−36.324 746 90 *	8.03	16.49	−11.24	0.64	0.81	0.93	0.73	0.88	−17 + 4 −21 − 9 + 3 +17 + 7 − 9 − 2 −10	0	0.06
22642 H	04 52 18.46	+05 40 37.1	8.56	H	73.076 898 42	+05.676 959 47 A	4.61	6.82	−30.05	1.71	1.12	1.74	2.13	1.25	− 7 +25 −21 − 6 +30 + 6 +26 +46 −29 −19	3	0.12
22643	04 52 19.63	−29 25 56.0	8.58	H	73.081 791 17	−29.432 233 17	11.21	49.09	−5.49	0.58	0.74	0.99	0.68	0.84	−11 +15 −21 +16 − 8 +23 − 5 + 2 −11 −10	0	−1.04
22644	04 52 19.66	−07 53 44.3	7.43	G	73.081 926 90	−07.895 645 72	3.25	−3.85	−24.05	0.71	0.58	0.81	0.85	0.75	+ 8 +19 − 5 +39 +13 − 3 +11 +48 −11 +12	0	0.26
*22645	04 52 20.19	−89 16 26.3	8.86	G	73.084 128 19	−89.273 960 66	4.42	22.02	21.43	0.65	0.67	0.77	0.70	0.85	− 4 +17 − 9 −18 + 6 + 9 + 9 + 4 − 5 − 9	0	1.26
*22646	04 52 20.12	−82 28 34.9	8.59	G	73.083 823 27	−82.476 371 39	30.39	137.84	150.07	0.68	0.64	0.78	0.69	0.81	− 8 +33 − 6 − 1 + 2 − 2 − 6 − 4 −26 − 8	0	0.21
22647	04 52 20.34	+36 38 31.4	6.80	H	73.084 736 16	+36.642 065 05	7.02	38.12	−34.49	0.91	0.72	1.01	1.09	0.95	+ 4 +36 −21 +17 +23 + 1 +18 +24 −14 + 5	0	−0.62
22648	04 52 20.54	+62 41 49.9	9.93	H	73.085 603 82	+62.697 182 06	8.05	2.07	−0.24	0.88	0.84	1.55	0.95	1.04	−14 +15 −15 −28 +41 −18 +42 −10 +16 + 1	2	2.77
22649	04 52 20.90	−07 42 33.5	7.32	H	73.087 098 34	−07.709 293 98	3.85	−17.96	−14.59	0.76	0.60	0.88	0.92	0.74	+11 +18 −12 +42 +18 −12 +12 +47 −22 +15	0	1.92
22650	04 52 21.47	+45 56 24.2	6.69	G	73.089 458 47	+45.940 043 02	15.43	51.00	−54.30	1.00	0.68	1.04	1.27	0.79	−11 +38 −30 +18 −42 +13 −43 +38 −24 +11	0	1.23
22651	04 52 21.85	−78 16 17.2	9.43	G	73.091 050 66	−78.271 440 16	13.49	−13.74	190.26	0.94	0.97	1.02	0.95	1.27	− 6 +33 − 6 −25 − 3 − 6 − 3 −14 + 2 −22	0	−0.54
22652	04 52 22.12	−03 10 22.4	7.59	H	73.092 186 37	−03.172 891 44	7.23	−15.26	−13.87	0.83	0.60	0.92	1.03	0.75	+ 2 +18 − 2 +41 + 2 −11 + 1 +53 + 1 +10	0	−0.77
22653	04 52 22.58	+23 45 06.0	8.56	H	73.094 079 12	+23.751 658 77	5.71	−5.60	−8.69	1.42	0.86	1.55	1.38	1.07	+ 0 +58 −11 +10 +13 +11 + 4 +28 −10 +17	0	−1.08
*22654	04 52 23.48	+18 59 49.2	10.29	G	73.097 844 27	+18.996 993 17	18.93	78.66	−31.45	1.83	1.21	2.02	2.37	1.50	+25 +26 + 2 +18 − 4 −20 − 5 +44 −20 +18	2	2.14
*22655	04 52 23.46	−61 32 23.9	9.06	H	73.097 744 31	−61.539 969 23	3.30	−8.51	−3.89	0.77	0.75	0.83	0.88	0.94	− 6 + 2 − 4 −12 − 7 +25 − 8 + 8 −15 − 5	3	−0.52
22656	04 52 24.16	−69 24 14.2	8.46	H	73.100 660 36	−69.403 942 63	4.30	−4.91	9.23	0.68	0.67	0.71	0.64	0.83	+ 1 +20 − 2 − 5 − 9 + 9 −13 − 7 − 9 + 0	0	1.14
22657	04 52 24.53	−13 16 14.1	7.79	H	73.102 202 03	−13.270 570 46	14.92	−0.44	8.88	0.59	0.53	0.94	0.78	0.67	− 8 +18 − 8 +18 − 6 −11 −15 − 4 −14 −27	2	1.81
22658	04 52 25.78	+43 34 31.5	11.60	H	73.107 416 79	+43.575 414 72	2.79	1.96	−5.10	2.91	2.18	3.42	2.93	2.34	+ 4 +44 −19 −11 − 1 − 8 −12 −10 −21 +20	0	1.57
22659	04 52 25.80	+50 47 22.2	8.76	G	73.107 490 29	+50.789 513 36	4.46	2.74	−20.67	1.28	0.95	1.39	1.61	1.00	+41 +10 −23 −33 −33 +13 −28 + 8 − 9 +42	0	0.88
22660	04 52 26.08	−60 38 11.0	8.28	H	73.108 648 02	−60.636 395 06	4.11	−21.88	−10.70	0.67	0.63	0.67	0.78	0.80	+10 +14 + 2 −31 − 5 − 7 − 7 + 6 − 9 +12	0	−1.47
22661	04 52 27.80	+39 17 03.2	7.91	G	73.115 852 40	+39.284 233 60	4.15	44.36	−48.45	1.06	0.82	1.24	1.17	0.95	+11 +40 −34 + 4 +12 − 7 + 6 +16 − 2 +49	0	−0.54
22662	04 52 27.86	+31 59 11.4	7.54	H	73.116 085 18	+31.986 499 82	6.25	−8.41	0.58	0.97	0.65	1.09	1.11	0.72	+ 8 +31 −23 − 6 +10 + 9 + 5 +20 −10 +28	0	−0.13
22663	04 52 28.24	−55 41 49.4	7.68	2 G	73.117 677 88	−55.697 068 25	2.13	−0.62	4.54	0.56	0.53	0.61	0.62	0.59	+ 6 + 6 − 5 − 9 + 4 −11 + 6 −23 + 2 +20	0	1.67
22664	04 52 29.35	+43 17 33.0	11.03	H	73.122 294 67	+43.292 509 41	2.05	−11.11	−17.63	2.23	1.76	2.70	2.35	1.87	+ 4 +38 −19 − 3 + 8 −16 − 5 + 3 −24 +13	0	0.29
22665	04 52 29.84	+09 51 50.8	7.68	H	73.124 338 42	+09.864 122 39	1.18	−2.20	−12.56	1.11	0.86	1.26	1.62	1.23	+43 + 3 −39 +19 +33 −27 +18 +54 −35 +64	0	2.15
22666	04 52 30.98	−28 22 50.0	10.17	H	73.129 095 06	−28.380 563 46	0.74	11.39	16.71	0.81	1.09	1.39	0.98	1.30	− 1 +12 −29 −12 + 0 − 2 − 2 − 7 −12 +10	1	0.48
22667	04 52 31.96	+14 15 02.8	4.71	2 H	73.133 182 14	+14.250 778 28 *	6.02	−2.62	−56.13	0.97	0.60	0.94	1.35	0.82	+32 + 8 −13 −25 −30 +11 −31 + 3 −15 +40	0	−0.43
22668	04 52 34.80	−25 59 40.3	9.18	H	73.145 004 25	−25.994 517 09	9.69	3.06	−69.11	0.68	1.04	1.30	0.85	1.45	− 4 + 9 + 5 −12 + 5 +12 + 4 −28 −15 − 8	2	0.61
22669	04 52 34.86	−10 29 19.2	7.87	G	73.145 259 19	−10.488 658 15	4.29	−3.54	−5.73	0.74	0.62	0.94	0.88	0.72	+ 6 + 9 −31 +38 + 2 − 4 − 1 +25 −15 + 8	0	1.12
22670	04 52 34.87	+38 30 20.0	8.63	2 H	73.145 309 28	+38.505 547 11 *	−2.95	−2.96	−6.19	1.41	1.03	1.77	1.68	1.27	− 3 +49 −14 + 4 + 4 − 4 + 8 +24 − 3 + 1	0	−0.33
22671	04 52 34.91	−21 34 25.3	9.18	H	73.145 466 31	−21.573 701 29	1.62	−0.97	−9.07	0.87	1.00	1.38	1.04	1.24	− 7 +17 −12 +15 −27 −19 −30 +27 −11 −23	0	0.43
22672	04 52 35.21	+20 06 17.3	8.73	H	73.146 687 54	+20.104 797 01	1.01	11.64	6.35	1.09	0.95	1.27	1.50	1.21	+33 +11 −41 +25 +45 −30 +23 +63 −32 +67	2	0.03
22673	04 52 35.29	+41 47 06.2	8.40	H	73.147 042 69	+41.785 055 28	2.67	2.32	−2.67	1.18	0.85	1.33	1.26	0.93	+22 +36 −22 −14 − 9 − 2 −16 + 2 −14 +46	0	1.73
22674	04 52 35.38	−43 03 38.4	7.95	2 H	73.147 405 45	−43.060 674 65	1.45	30.04	54.14	0.59	0.63	0.70	0.67	0.74	−14 + 9 + 2 −16 + 2 + 6 + 2 −12 − 5 −26	1	−0.86
22675	04 52 36.52	+44 38 06.4	10.31	H	73.152 148 73	+44.635 107 63	8.85	14.69	−3.47	2.10	1.55	2.47	2.87	1.73	−15 +28 −37 −12 −13 +25 − 6 − 3 −12 −17	3	−0.41
22676	04 52 36.78	+17 20 00.7	9.26	H	73.153 251 46	+17.333 532 39	6.27	16.66	−23.02	1.17	0.78	1.30	1.35	1.02	+29 +29 −12 + 5 + 9 +11 + 1 +35 − 3 +53	0	0.47
22677	04 52 37.76	+30 23 18.5	10.40	H	73.157 344 61	+30.388 471 04	3.06	0.37	−7.08	1.51	1.13	1.65	1.58	1.23	− 6 +24 −10 − 1 +12 − 3 + 8 − 3 −18 +14	0	0.95
*22678	04 52 38.00	+36 42 11.5	4.79	H	73.158 330 05	+36.703 196 36	5.81	−25.97	−3.89	0.73	0.60	0.82	0.94	0.78	+13 +25 −14 +10 +22 − 5 +16 +11 −14 − 2	0	−0.04
*22679	04 52 37.96	−16 51 59.0	8.86	H	73.158 186 66	−16.866 388 17	4.30	3.95	4.47	0.66	0.61	0.94	0.93	0.78	−12 +15 + 2 +42 −33 + 0 −36 +28 − 6 −45	0	−0.61
22680	04 52 38.17	−30 39 37.8	7.68	H	73.159 031 14	−30.660 495 99	3.75	−8.73	−12.04	0.50	0.58	0.80	0.56	0.73	− 4 +11 −10 + 3 + 6 +15 + 3 +14 −32 + 2	0	1.80
22681	04 52 40.68	−35 59 27.0	8.92	H	73.169 502 19	−35.990 842 08	1.38	−3.64	−2.68	0.66	0.84	0.96	0.72	0.92	−10 +17 − 6 − 4 −11 + 2 − 9 + 6 + 9 − 4	0	1.19
22682	04 52 41.09	+12 23 05.0	7.26	H	73.171 220 90	+12.384 731 24	6.09	−1.13	−8.68	0.95	0.69	1.10	1.26	0.94	+37 +25 −22 +11 +27 −38 + 9 +43 −39 +52	0	1.83
22683	04 52 41.46	−25 46 29.4	7.80	G	73.172 731 61	−25.774 820 88	14.48	7.52	−68.52	0.48	0.71	0.96	0.61	0.93	− 2 + 7 −14 −20 − 2 −10 − 4 −19 −10 + 2	1	−0.06
22684 H	04 52 41.96	+20 00 02.4	9.28	H	73.174 841 40	+20.000 656 43 A	12.14	72.14	−19.74	2.12	1.69	2.22	2.61	1.95	+31 + 4 −43 +16 +33 −24 +22 +50 −32 +50	0	−0.31
22685	04 52 42.00	+08 21 53.0	8.51	H	73.175 009 35	+08.364 716 99	1.12	5.93	−13.25	1.38	0.75	1.56	1.64	0.92	−12 +48 −23 − 7 +24 + 6 +13 +47 −23 −10	2	0.25
22686	04 52 43.40	−71 34 22.6	9.21	G	73.180 822 83	−71.572 946 96	7.66	67.59	133.51	0.91	0.92	0.91	0.92	1.13	−12 +13 +13 −37 +23 +11 +24 − 9 + 7 − 9	0	1.28
22687	04 52 44.59	−07 39 06.1	8.49	H	73.185 802 12	−07.651 695 38	4.61	−22.17	−3.70	0.87	0.67	0.99	1.18	0.86	+ 2 +20 −24 +30 +18 − 4 +12 +46 −22 + 7	0	2.22
22688	04 52 44.97	+14 37 23.6	7.51	G	73.187 380 28	+14.623 219 82	19.75	200.05	−37.85	0.84	0.55	0.94	1.04	0.73	+25 +20 − 8 + 4 + 4 + 2 − 5 +31 −17 +44	0	−0.54
*22689	04 52 45.92	+00 41 14.2	10.20	H	73.191 313 42	+00.687 275 13	9.03	14.75	−17.12	2.15	1.19	2.45	2.23	1.37	−22 +44 −29 +44 − 9 + 3 −20 +50 −29 − 2	2	0.13
*22690	04 52 45.93	−06 21 29.2	8.31	H	73.191 390 61	−06.358 116 33	5.39	14.09	−14.08	1.00	0.74	1.04	1.08	0.82	−13 +28 − 7 +56 −12 − 8 +15 +59 −11 − 8	2	0.59
*22691	04 52 45.90	+22 39 43.0	10.16	H	73.191 263 14	+22.661 940 44	3.01	−9.20	−8.03	1.94	1.54	1.85	3.28	2.85	+50 +20 − 5 −33 −33 + 3 −33 −31 + 2 +69	0	0.24
22692 H	04 52 46.14	−05 17 11.5	7.71	H	73.192 257 39	−05.286 541 20 B	7.57	−12.40	−0.09	2.84	1.96	2.23	2.00	1.54	−10 +42 −15 +14 −15 +14 −18 +19 −17 −35	2	0.60
22693	04 52 46.36	−08 39 20.6	8.56	H	73.193 149 08	−08.655 722 47	3.71	6.28	2.41	0.93	0.77	1.10	1.14	0.97	+ 2 +12 −28 +30 − 5 −15 −13 +37 −18 +17	0	1.38
22694	04 52 46.42	+57 49 14.6	10.16	H	73.193 435 91	+57.820 727 68	1.43	−4.93	−7.16	1.04	0.99	1.69	1.21	1.15	+ 4 +19 −34 − 6 − 2 − 7 −11 +18 −24 +23	0	1.56
22695	04 52 46.66	+51 32 34.5	7.87	G	73.194 433 79	+51.542 920 94	13.20	19.37	−72.97	1.05	0.86	1.15	1.43	0.93	−19 +11 −41 +27 −39 +18 −35 +45 − 9 − 3	0	−0.13
22696 H	04 52 47.01	+50 02 54.9	9.56	H	73.195 890 24	+50.048 580 53 A	7.19	−4.31	−6.29	4.05	2.22	3.77	3.77	2.27	+41 +34 − 2 −12 + 3 +25 −12 +34 − 5 +58	0	−0.12
22697	04 52 47.09	+27 53 51.3	5.97	H	73.196 197 89	+27.897 572 33	9.27	44.73	−35.83	0.74	0.55	0.85	1.06	0.70	− 1 + 9 −25 −17 + 2 +33 + 9 − 6 + 9 +13	0	1.36
22698	04 52 47.56	−52 13 52.4	8.92	H	73.198 147 81	−52.231 228 85	2.91	14.33	−19.32	0.79	0.86	0.88	0.91	1.12	−13 −17 +14 +13 −14 + 4 −17 +19 + 4 + 2	0	−0.36
22699	04 52 47.77	+42 35 11.9	5.68	H	73.199 022 84	+42.586 625 91	6.31	−11.07	0.11	0.69	0.55	0.82	0.74	0.58	+15 +38 −14 −10 + 5 −22 − 7 + 1 −22 +24	3	2.53
22700	04 52 49.61	−25 21 04.7	8.45	H	73.206 704 75	−25.351 299 92	2.10	16.19	6.50	0.47	0.85	1.09	0.60	1.02	− 7 − 4 − 5 −17 − 2 +11 − 1 −23 −11 −11	1	0.92

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
22601	9.892	0.023	8.391	0.012		1.263	0.020	T	1.22	0.02	L	8.4360	0.0017	0.013	97		8.42	8.46		C			1							
22602	9.101	0.013	8.226	0.010		0.766	0.013	T	0.81	0.01	L	8.2857	0.0015	0.016	114		8.26	8.30		C			1 G							
22603	10.114	0.038	9.474	0.034		0.594	0.044	T	0.66	0.04	L	9.5063	0.0027	0.018	53		9.47	9.53		C			1							
22604	9.652	0.019	8.922	0.016		0.655	0.019	T	0.72	0.02	L	8.9660	0.0014	0.015	121		8.94	8.99		C			1							
22605	8.114	0.007	8.071	0.009		0.039	0.010	T	0.05	0.01	L	8.0983	0.0011	0.014	132		8.08	8.12		C			1							S
22606	9.489	0.015	7.903	0.008		1.330	0.013	T	1.29	0.01	L	7.9292	0.0013	0.014	133		7.90	7.96					1							S
22607	6.857	0.006	6.314	0.005	*	0.502	0.007	G	0.58	0.03	C	*	6.3653	0.0008	0.005	60	*	6.36	6.38		D	04518+1339	I 1	2 C A	AB	184	0.430	0.005	2.01	0.02	S
22608	11.147	0.058	10.645	0.058		0.472	0.074	T	0.54	0.08	L	10.7257	0.0042	0.039	144		10.65	10.79					1							G
22609	11.672	0.139	10.503	0.080		1.003	0.125	T	0.98	0.10	L	10.5504	0.0037	0.031	63		10.51	10.60		C			1							G
22610	9.071	0.020	8.758	0.022		0.297	0.028	T	0.34	0.04	L	8.8284	0.0025	0.016	51		8.81	8.87		C			1							
22611	7.309	0.006	6.739	0.004		0.533	0.006	T	0.61	0.01	L	6.7989	0.0008	0.008	123		6.79	6.81		C			1							S
22612	10.488	0.053	8.848	0.023		1.372	0.046	T	1.34	0.06	L	8.8126	0.0021	0.018	56		8.78	8.85					1							
22613	10.372	0.027	9.746	0.023		0.582	0.031	T	0.65	0.03	L	9.8320	0.0026	0.025	127		9.79	9.87					1							
22614	8.219	0.011	7.713	0.010		0.485	0.015	G	0.56	0.02	H	7.7632	0.0011	0.008	95		7.74	7.78					1							S
22615	9.053	0.013	8.173	0.010		0.770	0.013	T	0.81	0.01	L	8.2248	0.0013	0.015	140		8.20	8.26		C			1							S
22616	7.296	0.009	6.872	0.008		0.423	0.005	G	0.49	0.01	H	6.9167	0.0008	0.007	55		6.91	6.93		C			1							S
22617	10.015	0.049	9.351	0.040		0.615	0.053	T	0.68	0.05	L	9.3209	0.0032	0.021	62		9.28	9.35		C			1							
22618	11.158	0.080	9.553	0.033		1.345	0.068	T	1.31	0.08	L	9.5776	0.0028	0.022	55		9.54	9.62		C			1							G
22619	10.407	0.030	9.853	0.028		0.524	0.031	T	0.60	0.03	L	9.9452	0.0029	0.030	152		9.90	10.01					1							
22620	8.333	0.009	7.242	0.006		0.958	0.002	G	1.00	0.03	C	7.2831	0.0011	0.008	120		7.26	7.30					1							S
22621	10.944	0.042	9.565	0.021		1.167	0.037	T	1.13	0.03	L	9.6452	0.0037	0.033	139		9.59	9.70		R			1 S							
22622	8.656	0.011	7.989	0.009		0.635	0.010	G	0.70	0.01	H	8.0492	0.0007	0.013	120		8.03	8.07		D			1							S
22623	10.805	0.077	10.268	0.069		0.504	0.093	T	0.58	0.10	L	10.3448	0.0034	0.027	78		10.29	10.37		C			1							G
22624	8.663	0.011	8.129	0.010		0.510	0.015	G	0.58	0.02	H	8.1916	0.0014	0.013	103		8.17	8.22		C			1							
22625	9.773	0.020	8.593	0.013		1.011	0.019	T	0.99	0.01	L	8.6663	0.0017	0.016	106		8.64	8.70		C			1							
22626	7.448	0.005	5.650	0.003		1.559	0.012	G	2.52	0.05	F	5.4857	0.0016	0.018	144		5.46	5.52		U 2	04521+6331	I 1	1 S							S
22627						1.590	0.015	G	2.67	0.02	A	11.9318	0.0070	0.065	88		11.84	12.07					1							D
22628	9.822	0.028	8.621	0.018		1.035	0.004	G	1.01	0.00	K	8.6670	0.0021	0.014	75		8.65	8.69		C			1							
22629	11.214	0.059	10.220	0.040		0.832	0.008	G	0.85	0.01	H	10.2772	0.0031	0.030	111		10.23	10.33					1							
22630	9.132	0.024	8.677	0.024	*	0.429	0.031	T	0.50	0.03	L	*	8.7196	0.0025	0.014	48	*	8.69	8.74		C	04522+3613	H 1	2 C A	AB	340	0.861	0.025	3.19	0.11	
22631	10.639	0.041	9.330	0.022		1.112	0.036	T	1.07	0.04	L	9.3795	0.0039	0.045	143		9.31	9.45		U 2			1							
22632	9.671	0.015	9.183	0.015		0.497	0.038	G	0.57	0.04	H	9.2430	0.0021	0.026	166		9.19	9.29					1							
22633	7.806	0.012	6.805	0.010		0.875	0.012	T	0.88	0.01	L	6.8710	0.0009	0.008	54		6.86	6.88		C			1							S
22634	9.686	0.025	9.406	0.029		0.353	0.003	G	0.41	0.00	H	9.3431	0.0024	0.018	64		9.31	9.38		C	04522+0045	I 1	1 S							
22635	9.836	0.023	7.901	0.010	*	1.127	0.218	G	1.60	0.05	M	*	7.8207	0.0022	0.013	87	*	7.80	7.85			04522+0442	H 1	2 C B	AB	257	0.279	0.059	2.62	0.59	
22636	9.334	0.020	7.575	0.010		1.466	0.018	T	1.48	0.03	L	7.5535	0.0009	0.009	83		7.54	7.57		C			1							S
22637	9.542	0.026	9.496	0.035		0.047	0.040	T	0.06	0.03	L	9.5002	0.0029	0.021	64		9.47	9.54		C			1							G
22638	10.719	0.074	9.396	0.041		1.120	0.015	G	1.20	0.02	I	9.3905	0.0061	0.025	43		9.36	9.42					1							
22639	7.923	0.011	7.645	0.012		0.264	0.015	T	0.30	0.02	L	7.7063	0.0018	0.008	51		7.69	7.72					1							S
22640	8.125	0.010	7.939	0.012		0.178	0.015	T	0.20	0.02	L	7.9758	0.0013	0.010	86		7.96	7.99		C			1							S
22641	9.981	0.022	9.261	0.019	*	0.648	0.022	T	0.71	0.02	L	*	9.3089	0.0018	0.016	116	*	9.28	9.35			04523−3619	H 1	2 C S A	AB	105	0.153	0.004	0.18	0.23	
22642	10.026	0.034	8.752	0.020	A	1.500	0.495	G	1.01	0.03	L	*	8.7246	0.0014	0.013	91	*	8.70	8.75		D	04523+0541	I 1	2 C A	AB	232	2.267	0.013	2.53	0.05	S
22643	9.415	0.015	8.660	0.012		0.674	0.015	T	0.73	0.01	L		8.7123	0.0016	0.019	158		8.67	8.75					1							
22644	7.392	0.008	7.398	0.010		−0.028	0.002	G	−0.01	0.00	H		7.4269	0.0012	0.009	76		7.41	7.45					1							S
22645	9.174	0.014	8.871	0.015		0.260	0.015	G	0.29	0.02	H		8.9273	0.0020	0.015	122		8.90	8.95					1							
22646	9.730	0.020	8.706	0.014		0.890	0.003	G	0.93	0.00	H		8.7411	0.0022	0.015	105		8.72	8.76		C			1							
22647	8.218	0.016	6.925	0.010		1.100	0.015	T	1.06	0.02	L		6.9722	0.0010	0.007	53		6.96	7.00					1							S
22648	10.180	0.022	9.976	0.029		0.195	0.034	T	0.21	0.04	L		9.9941	0.0023	0.028	171		9.94	10.05					1 S							G
22649	8.429	0.012	7.421	0.008		0.880	0.011	T	0.89	0.01	L		7.4782	0.0007	0.007	75		7.46	7.49		D			1							S
22650	7.371	0.009	6.751	0.006		0.558	0.004	G	0.63	0.00	H		6.8126	0.0009	0.007	67		6.80	6.83		C			1							S
22651	10.293	0.032	9.524	0.026		0.686	0.002	G	0.74	0.00	H		9.5741	0.0019	0.021	95		9.54	9.60		C			1							
22652	7.725	0.009	7.597	0.009		0.124	0.012	T	0.14	0.01	L		7.6351	0.0014	0.011	84		7.62	7.66		C			1							S
22653	10.300	0.048	8.735	0.023		1.313	0.042	T	1.27	0.05	L		8.7172	0.0030	0.016	48		8.70	8.75		C			1							
22654	11.731	0.208	10.430	0.096		1.070	0.015	G	1.03	0.01	I		10.4051	0.0032	0.024	71		10.36	10.45		C			1							G
22655	9.541	0.018	9.084	0.018		0.444	0.020	T	0.51	0.02	L		9.1549	0.0019	0.019	105		9.13	9.19					1							
22656	8.707	0.012	8.481	0.013		0.224	0.013	G	0.23	0.02	A		8.5244	0.0013	0.012	102		8.51	8.54		C			1							S
22657	8.276	0.010	7.840	0.008		0.425	0.010	T	0.49	0.01	L		7.8838	0.0011	0.013	125		7.87	7.91		C			1							S
22658											T		11.7475	0.0081	0.054	54		11.65	11.81					1 S							D
22659	8.961	0.019	8.747	0.021		0.140	0.015	G	0.15	0.01	H		8.8073	0.0034	0.022	65		8.77	8.85					1							
22660	9.718	0.021	8.416	0.013		1.107	0.019	T	1.07	0.02	L		8.4499	0.0015	0.015	108		8.43	8.48					1							
22661	9.610	0.033	8.011	0.016		1.330	0.010	G	1.29	0.01	H		8.0655	0.0020	0.012	46		8.05	8.10					1							
22662	7.843	0.011	7.565	0.011		0.264	0.015	T	0.30	0.02	L		7.6146	0.0015	0.009	48		7.60	7.63		C			1							S
22663	7.397	0.008	7.642	0.010		−0.199	0.004	G	−0.21	0.01	H		7.6098	0.0019	0.016	89		7.59	7.72	2.03	P 1 A			1							S
22664											T		11.1788	0.0064	0.042	60		11.07	11.23		C			1 S							G
22665	9.373	0.026	7.827	0.013		1.298	0.023	T	1.26	0.02	L		7.8399	0.0019	0.011	57		7.81	7.86		C			1							S
22666	10.434	0.030	10.188	0.037		0.230	0.048	T	0.26	0.06	L		10.2354	0.0032	0.032	152		10.17	10.28					1							
22667	7.037	0.007	4.941	0.004		1.773	0.007	T	2.63	0.02	O		4.7029	0.0052	0.031	55		4.66	4.75	30.29	P 1 A			1 V							S P
22668	9.985	0.018	9.239	0.015		0.667	0.018	T	0.73	0.01	L		9.3165	0.0024	0.027	179		9.27	9.36					1 S							
22669	7.784	0.008	7.827	0.011		−0.058	0.002	G	−0.04	0.00	H		7.8582	0.0015	0.013	80		7.84	7.88		C			1							S
22670	12.427	0.343	9.189	0.031		2.554	0.251	T	2.61	0.26	L		8.6112	0.0141	0.117	44		8.43	8.72		U 2			1 V							P
22671	9.449	0.018	9.208	0.020		0.225	0.027	T	0.25	0.03	L		9.2461	0.0028	0.023	109		9.19	9.28					1							
22672	10.377	0.041	8.866	0.020		1.271	0.036	T	1.23	0.04	L		8.8893	0.0027	0.015	64		8.87	8.92					1							
22673	10.016	0.046	8.590	0.026		1.204	0.041	T	1.16	0.04	L		8.5719	0.0028	0.017	47		8.54	8.60		C			1							
22674	10.006	0.023	8.164	0.010		1.564	0.021	T	2.17	0.12	O		8.0183	0.0200	0.152	113		7.71	8.23		U 2			1							S P
22675	11.729	0.220	10.356	0.098		1.432	0.015	G	1.42	0.02	I		10.4250	0.0034	0.026	43		10.39	10.46		C			1							G
22676	9.915	0.024	9.288	0.022		0.583	0.028	T	0.65	0.03	L		9.3834	0.0020	0.014	81		9.36	9.41		C			1							
22677	10.943	0.059	10.403	0.059		0.506	0.075	T	0.58	0.08	L		10.5195	0.0056	0.030	57		10.47	10.55		C			1							G
22678	6.613	0.006	4.938	0.004		1.414	0.003	G	1.46	0.03	C		4.9215	0.0011	0.006	56		4.91	4.93					1							S
22679	8.904	0.010	8.839	0.012		0.059	0.014	T	0.07	0.01	L		8.8825	0.0019	0.018	160		8.85	8.92					1							
22680	7.916	0.006	7.715	0.007		0.192	0.009	T	0.21	0.01	L		7.7405	0.0015	0.012	132		7.72	7.77			04526−3040	I 1	1							S
22681	10.409	0.034	9.055	0.018		1.147	0.030	T	1.11	0.03	L		9.0833	0.0021	0.018	110		9.05	9.11					1							
22682	7.423	0.009	7.271	0.009		0.146	0.012	T	0.16	0.01	L		7.3133	0.0011	0.008	50		7.30	7.33		C			1							S
22683	8.324	0.008	7.865	0.008		0.446	0.009	T	0.52	0.01	L		7.9124	0.0015	0.014	187		7.89	7.94		C			1							S
22684	10.333	0.045	9.489	0.033	A	1.128	0.243	G	0.90	0.07	B	*	9.4360	0.0032	0.017	66	*	9.41	9.47		R	04527+2000	I 1	2 C A	AB	193	4.060	0.011	1.94	0.06	
22685	10.301	0.037	8.650	0.017		1.381	0.032	T	1.35	0.04	L		8.6607	0.0021	0.014	75		8.64	8.68		C			1							
22686	9.756	0.021	9.252	0.020		0.480	0.015	G	0.55	0.02	H		9.3300	0.0026	0.021	98		9.28	9.37					1							
22687	8.777	0.016	8.515	0.018		0.249	0.023	T	0.28	0.03	L		8.5597	0.0011	0.012	74		8.54	8.59		D			1							
22688	8.262	0.013	7.586	0.011		0.639	0.015	G	0.70	0.01	H		7.6447	0.0011	0.011	75		7.63	7.66		C			1							S
22689	10.753	0.057	10.250	0.055		0.540	0.015	G	0.61	0.02	H		10.3136	0.0021	0.021	68		10.29	10.35		D			1							G
22690	8.507	0.012	8.313	0.013		0.186	0.017	T	0.20	0.02	L		8.3668	0.0020	0.012	81		8.33	8.39					1							S
22691	10.839	0.073	10.145	0.059		0.640	0.077	T	0.70	0.07	L		10.2916	0.0044	0.022	42		10.25	10.34		C			1							G
22692	8.484	0.029	7.838	0.023	*	0.600	0.032	T	0.67	0.03	L	*	7.8406	0.0012	0.009	72	*	7.82	7.86		D	04528−0517	I 1	2 C B	BA	2	0.889	0.002	0.04	0.01	S
22693	9.795	0.024	8.627	0.016		1.002	0.022	T	0.98	0.02	L		8.7211	0.0019	0.014	69		8.69	8.75		C			1							
22694	12.135	0.149	10.298	0.044		1.528	0.123	T	1.57	0.27	L		10.2870	0.0027	0.023	102		10.25	10.33		C			1							G
22695	8.560	0.016	7.956	0.014		0.574	0.015	G	0.65	0.01	H		8.0066	0.0015	0.014	74		7.98	8.04		C			1							S
22696	10.116	0.037	9.823	0.044	A	0.200	0.495	G	0.64	0.09	L	*	9.6826	0.0039	0.020	67	*	9.64	9.71		D	04528+5003	I 1	2 C A	AB	308	1.821	0.011	1.45	0.05	G
22697	6.413	0.006	6.008	0.005		0.368	0.009	G	0.43	0.01	H		6.0568	0.0012	0.007	50		6.05	6.07		C			1							S
22698	10.671	0.036	9.065	0.017		1.345	0.031	T	1.31	0.04	L		9.0780	0.0027	0.025	92		9.04	9.11		R			1							
22699	5.824	0.004	5.705	0.006		0.115	0.007	T	0.13	0.01	L		5.7219	0.0007	0.007	61		5.71	5.74					1							S
22700	10.109	0.017	8.594	0.009		1.274	0.015	T	1.23	0.02	L		8.6093	0.0017	0.022	228		8.57	8.65			04528−2521	I 1	1							

Number HIP		Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag			Position: epoch J1991.25 α (ICRS) deg	δ deg		Par. π mas	Proper Motion μα* mas/yr	μδ mas/yr	Standard Errors α* mas	δ mas	π mas	μα* mas/yr	μδ mas/yr	Astrometric Correlations (%) δ α*	π α*	π δ	μα* α*	μα* δ	μα* π	μδ α*	μδ δ	μδ π	μδ μα*	Soln F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
22701		04 52 53.68	−05 27 09.9	4.36		H	73.223 668 20	−05.452 755 91		14.39	−18.01	25.03	0.80	0.47	0.88	0.85	0.56	−18	+38	−31	+34	−8	−12	−22	+40	−28	+0	0	−0.44
22702		04 52 55.26	−57 11 58.7	8.86		H	73.230 252 68	−57.199 649 78		2.01	16.09	16.55	0.81	0.78	0.85	0.92	0.93	+13	−7	−3	−10	−24	+20	−26	−11	+14	+10	0	−0.80
22703	H	04 52 55.78	+75 42 37.9	7.10		H	73.232 418 54	+75.710 520 58	A	22.08	104.60	−174.43	0.71	0.94	0.98	0.69	0.84	+7	+11	+8	+14	+12	+19	+12	+7	+6	+7	15	3.16
22704	H	04 52 56.31	+35 48 10.4	8.06		H	73.234 608 62	+35.802 896 21	A	1.20	−1.45	−9.94	2.29	1.53	1.96	1.65	1.22	−32	+27	−50	+14	−7	−4	−12	−6	+6	−38	0	−0.52
22705		04 52 57.60	−61 22 59.6	8.05		H	73.239 986 57	−61.383 232 20		1.86	−4.32	8.84	0.67	0.63	0.69	0.77	0.79	−7	−6	−7	−28	+4	+26	+5	−1	−12	−4	3	−1.28
*22706		04 52 58.23	+26 46 39.3	7.49		H	73.242 610 98	+26.777 579 13		6.63	6.65	−56.22	0.94	0.71	1.08	1.31	0.91	+12	+21	−22	−1	+12	+27	+16	+16	+7	+34	0	0.77
*22707		04 52 58.21	+68 12 56.5	8.98		H	73.242 559 88	+68.215 685 19		1.26	−1.21	1.81	0.54	0.79	1.20	0.75	0.90	−2	+2	−13	+6	−12	+6	−8	−4	+31	+3	0	−0.15
22708		04 52 59.20	+11 15 50.3	10.00		H	73.246 655 53	+11.263 962 36		9.92	−15.78	−113.08	2.60	1.98	3.19	4.46	3.46	+34	+36	−23	+30	+45	+10	+25	+71	−24	+61	0	0.06
22709		04 53 00.58	+55 02 41.7	7.85		H	73.252 417 76	+55.044 925 89		8.33	4.08	5.45	0.68	0.60	0.94	0.82	0.69	+4	+27	−34	+8	+0	+1	−6	+26	−10	+37	0	1.32
22710		04 53 00.76	−18 49 28.0	9.36		H	73.253 163 06	−18.824 452 34		2.72	22.04	−14.77	0.98	0.94	1.59	1.80	1.40	−9	+8	−15	+15	−21	+40	−24	+1	−36	−65	0	−0.09
22711		04 53 00.79	+28 06 25.0	8.23		H	73.253 302 05	+28.106 956 25		5.62	47.99	−74.84	1.22	0.89	1.50	1.98	1.24	+3	+11	+17	−18	+23	+42	+11	−29	−35	−29	0	0.80
22712		04 53 01.06	+11 16 03.0	9.83		H	73.254 396 57	+11.267 513 33		11.72	−14.32	−107.08	2.38	1.82	2.93	3.93	3.11	+35	+34	−26	+31	+45	+9	+25	+72	−28	+60	0	−2.50
22713		04 53 03.63	−44 33 51.1	8.69		H	73.265 141 70	−44.564 202 33		1.53	−2.11	15.65	0.80	0.78	0.90	0.88	0.93	+8	+18	−13	−33	−10	+4	−3	−15	+20	+0	0	−1.75
22714		04 53 04.55	−01 15 51.8	8.07		H	73.268 974 83	−01.264 393 97		5.85	9.86	−17.33	1.04	0.74	1.26	1.14	0.86	+13	+29	−33	+49	+23	−11	+9	+63	−33	+28	0	−0.19
22715		04 53 04.64	+22 14 07.7	8.78		H	73.269 320 70	+22.235 484 77		37.09	149.22	−129.31	1.48	1.08	1.37	2.45	1.81	+52	+14	−6	−45	−32	+12	−34	−34	+3	+67	0	0.62
22716		04 53 04.81	−01 16 32.7	7.94		H	73.270 030 77	−01.275 738 07		4.75	14.11	−14.59	0.99	0.70	1.21	1.09	0.82	+5	+31	−33	+47	+18	−12	+2	+61	−34	+26	0	−0.20
22717		04 53 05.73	−72 24 30.0	6.28		H	73.273 892 30	−72.408 338 05		30.74	−46.17	270.71	0.47	0.50	0.51	0.51	0.63	−11	+4	+1	−4	+1	+1	+0	−10	−7	−16	1	1.44
22718		04 53 07.03	+34 42 20.7	8.27		G	73.279 296 83	+34.705 740 38		11.00	43.49	−14.02	0.99	0.76	1.08	1.12	0.90	+3	+29	−7	+1	+24	+9	+21	+4	−9	−5	0	0.66
22719		04 53 08.91	−63 36 57.4	7.93		H	73.287 119 33	−63.615 938 18		1.89	21.60	9.36	0.57	0.64	0.64	0.55	0.71	−4	+15	+9	−28	+17	−1	+16	−4	+5	+9	0	0.63
22720		04 53 09.80	+52 50 28.3	6.40		H	73.290 813 29	+52.841 185 16		6.23	−14.03	−12.40	0.71	0.61	0.80	1.00	0.68	+3	+0	−25	+24	−33	−1	−27	+26	+13	+9	0	1.78
22721		04 53 12.21	−20 46 19.6	7.02		H	73.300 874 85	−20.772 120 66		5.48	−5.78	−5.70	0.58	0.57	0.93	0.63	0.78	−7	+16	−14	+1	−29	+11	−33	+10	−36	−38	0	1.07
22722		04 53 14.40	+08 33 21.7	7.67		H	73.309 989 86	+08.556 017 92		7.33	11.87	3.72	1.12	0.62	1.35	1.48	0.82	−6	+42	−24	+1	+18	+26	+12	+56	−40	−25	2	2.39
22723		04 53 15.45	−78 08 45.2	8.46		G	73.314 371 79	−78.145 881 57		3.88	20.98	26.98	0.75	0.70	0.79	0.75	0.93	−4	+37	−9	−24	+2	−5	+4	−16	+5	−16	0	−1.14
22724		04 53 16.90	−38 08 39.4	6.95		H	73.320 403 35	−38.144 279 82		4.76	28.35	14.54	0.47	0.52	0.61	0.49	0.61	−6	+9	−4	−6	−3	+3	−5	+2	−4	+2	0	0.03
22725		04 53 18.42	+24 54 09.9	8.62		H	73.326 752 50	+24.902 755 03		5.51	−3.25	−17.08	1.02	0.66	1.10	1.00	0.75	+19	+50	+7	+1	+17	−7	+11	+35	−3	+27	0	0.74
22726		04 53 19.53	+42 06 44.7	8.86		H	73.331 364 18	+42.112 419 74		4.44	−1.22	−2.14	1.20	0.88	1.41	1.53	0.97	+20	+37	−15	−20	−6	−23	−11	+0	−13	+14	0	3.04
22727		04 53 21.79	+29 34 07.8	10.14		H	73.340 812 48	+29.568 827 93		5.57	8.40	−31.36	1.62	1.34	1.89	1.90	1.65	+3	+28	−42	−22	−19	+20	−4	−38	+20	+51	0	−0.68
*22728		04 53 22.05	+01 31 43.0	9.18		G	73.341 888 62	+01.528 614 79		1.43	−1.30	−6.93	1.27	0.76	1.50	1.42	0.89	+1	+41	−18	+27	+10	−18	+0	+46	−16	+11	0	−1.44
*22729		04 53 22.04	+24 10 38.7	7.64		H	73.341 819 42	+24.177 419 81		10.78	11.88	−23.90	1.04	0.66	1.14	1.02	0.76	+12	+48	−5	−2	+28	+13	+15	+36	−3	+40	0	−1.15
22730		04 53 22.76	+02 30 29.8	5.33	1	H	73.344 813 69	+02.508 264 91		5.11	29.67	−16.40	0.77	0.48	0.92	0.82	0.55	+9	+47	−17	+29	+25	−13	+12	+57	−18	+16	0	0.06
22731		04 53 23.56	−21 39 43.5	8.93		H	73.348 150 54	−21.662 084 69		0.61	−0.37	−15.54	0.89	0.93	1.38	0.99	1.22	+1	+18	−4	−3	−33	−9	−37	+9	−22	−31	0	1.09
22732		04 53 24.70	+07 40 45.6	8.85		H	73.352 924 81	+07.679 345 89		2.19	3.70	−3.30	1.09	0.77	1.31	1.27	0.91	+23	+22	−29	+35	+33	−4	+26	+76	−33	+26	0	0.62
22733		04 53 25.69	+66 00 22.1	7.08		H	73.357 060 68	+66.006 140 67		4.68	−6.31	11.85	0.48	0.52	0.69	0.57	0.61	+11	+10	−11	+6	+33	+6	+32	+16	−8	+28	1	−0.15
*22734		04 53 27.66	+09 29 28.2	8.61		G	73.365 257 67	+09.491 168 13		8.46	15.22	8.55	1.76	1.11	1.97	2.28	1.36	+8	+29	−20	+16	+17	−6	+12	+52	−15	+11	0	
*22735		04 53 27.42	+81 29 24.3	9.42		H	73.364 230 72	+81.490 083 91	A	2.08	−2.07	−9.25	1.65	1.77	1.67	1.36	1.87	−6	+28	+4	−12	+21	+13	+24	−2	−1	+3	17	2.63
22736		04 53 27.97	−72 45 53.3	7.32		G	73.366 554 44	−72.764 802 80		5.51	2.33	−7.42	0.50	0.54	0.56	0.50	0.67	−5	+6	+1	−18	+0	+16	−1	−7	−6	−4	1	0.97
22737		04 53 30.49	−66 40 31.6	6.43	2	H	73.377 039 98	−66.675 438 73		2.84	4.54	10.35	0.52	0.51	0.55	0.60	0.68	−5	−1	−11	+6	+10	+5	+12	+14	−29	−1	1	0.87
*22738	H	04 53 31.07	−55 51 37.8	10.73		G	73.379 450 78	−55.860 487 27	A	89.47	132.86	73.93	3.65	3.37	3.55	4.25	3.76	+19	−2	+23	−3	−2	−1	−1	−24	−15	+36	2	1.86
*22739		04 53 30.91	+70 02 43.9	9.07		H	73.378 776 53	+70.045 534 92		3.18	−1.69	2.09	0.51	0.87	1.24	0.51	1.00	−18	+11	−8	−15	+5	−2	+9	+0	+26	−18	2	−0.22
22740		04 53 31.89	+16 49 19.3	10.42		H	73.382 863 79	+16.822 032 86		6.49	6.80	−26.69	1.59	1.02	1.79	2.07	1.35	+16	+16	−17	+12	−2	+3	−8	+39	−16	+33	0	0.44
22741		04 53 32.18	−17 49 37.6	9.05		H	73.384 074 62	−17.827 099 99		3.21	−1.84	−8.64	0.81	0.67	1.17	1.04	0.80	+1	+18	+5	+10	−16	+23	−23	−6	−22	−40	0	1.04
22742		04 53 33.10	+81 29 03.3	11.17		H	73.387 903 48	+81.484 248 69	B	−14.86	13.90	4.43	12.01	13.17	8.60	7.25	9.71	+0	+24	+8	+1	+16	+13	+16	−4	−1	−4	17	2.63
22743		04 53 34.10	+23 18 56.4	6.55		H	73.392 085 81	+23.315 654 60		7.06	2.17	3.57	0.91	0.70	1.04	1.26	1.01	+31	+26	−25	−23	−30	+36	−17	−28	+32	+65	0	1.73
22744		04 53 34.76	+36 48 21.2	6.69		H	73.394 839 46	+36.805 880 32		6.93	1.10	−26.37	0.76	0.62	0.86	0.85	0.71	+15	+31	−23	+15	+23	−12	+15	+25	−14	+34	0	−0.32
22745		04 53 35.52	+19 04 22.6	7.55		G	73.397 997 11	+19.072 930 96		−0.52	5.70	4.21	0.95	0.58	1.03	1.16	0.74	+28	+39	+3	+7	−8	−7	−12	+37	−11	+36	2	2.25
22746		04 53 36.43	−57 19 55.3	7.85		H	73.401 771 02	−57.332 020 59		7.53	0.28	−21.98	0.54	0.58	0.60	0.60	0.64	+7	+8	+0	+5	−15	+14	−15	−5	+2	+7	0	1.86
22747	H	04 53 36.45	+25 21 58.9	7.14		H	73.401 864 72	+25.366 363 75	*	4.51	27.79	−19.33	0.96	0.62	1.06	0.93	0.69	+17	+59	+2	+11	+16	−19	+10	+50	−10	+13	0	1.26
22748		04 53 36.84	−52 19 45.0	8.04		H	73.403 493 33	−52.329 173 73		4.82	9.36	17.79	0.60	0.64	0.66	0.70	0.83	−13	−11	+4	+22	−12	−5	−10	+12	−10	+7	0	0.11
22749		04 53 37.44	−26 04 53.8	8.39		H	73.405 985 34	−26.081 614 38		6.73	−4.26	30.28	0.61	0.89	1.22	0.74	1.19	−2	+15	−7	−25	−5	−7	−5	−7	−3	−8	1	−1.58
22750		04 53 37.50	−19 26 01.1	11.71	3	H	73.406 240 04	−19.433 629 03		2.66	31.74	−1.71	1.73	1.61	3.03	2.52	2.44	+1	+10	−3	−2	−18	+34	−20	−4	−46	−54	0	−0.21
22751		04 53 38.68	+23 01 13.2	9.29		G	73.411 181 04	+23.020 340 19		11.62	65.74	−27.54	1.85	1.21	1.95	2.72	1.90	+26	+44	−16	−28	−34	+4	−30	−22	+5	+56	0	1.67
22752		04 53 39.04	−09 39 02.2	9.45		H	73.412 678 47	−09.650 618 31		4.93	13.90	−6.85	1.10	0.95	1.47	1.42	1.19	+0	+23	−41	+24	−3	+6	−5	+30	−18	+18	0	0.79
22753		04 53 39.29	+12 54 29.0	10.18		H	73.413 692 04	+12.908 050 81		5.82	3.32	−90.37	1.91	1.52	2.30	2.84	2.24	+29	+21	−31	+10	+47	−43	+18	+63	−43	+65	0	−0.66
22754		04 53 39.71	+61 28 54.6	6.64		H	73.415 460 39	+61.481 827 86		6.26	23.83	−44.58	0.59	0.55	0.95	0.86	0.79	−17	+15	−17	−17	+34	−27	+37	+24	+2	−28	1	−0.33
22755		04 53 41.08	+50 36 30.2	9.13		H	73.421 181 93	+50.608 381 97		8.89	22.46	−26.82	1.56	1.09	1.63	1.94	1.18	+36	+27	−13	−35	−39	+8	−34	+0	−16	+29	0	1.16
22756		04 53 41.82	+06 01 00.8	7.51		G	73.424 257 12	+06.016 891 21		5.03	4.65	−4.35	0.82	0.58	0.94	0.96	0.66	+14	+27	−28	+38	+29	−9	+18	+68	−25	+26	0	−0.02
*22757		04 53 43.31	−27 42 05.2	8.02		H	73.430 456 75	−27.701 446 42		4.87	−12.50	−0.22	0.58	0.72	0.98	0.79	0.93	−10	+12	−14	−5	−11	+16	−9	−3	−4	−8	0	−1.44
*22758		04 53 43.28	−68 42 53.3	10.98		H	73.430 337 86	−68.714 800 94		−1.45	0.06	−5.77	1.44	1.77	1.58	1.72	2.15	−17	+4	−8	+19	−27	−9	−17	+4	+4	−14	5	1.31
22759		04 53 44.39	−60 51 40.8	9.06		H	73.434 941 87	−60.861 332 55		−1.73	11.80	9.01	0.80	0.79	0.82	0.98	1.00	−6	−1	−8	−28	+9	+4	+6	+3	−3	+7	3	−1.73
22760		04 53 49.08	+38 46 19.3	9.02		H	73.454 513 53	+38.772 016 86		11.91	−2.47	−31.15	1.27	0.92	1.44	1.25	1.00	−4	+46	−28	+2	+28	−10	+11	+37	−19	+27	0	0.43
22761		04 53 49.68	−26 25 44.9	8.98		H	73.456 999 73	−26.429 150 60	A	2.70	−2.76	−8.59	1.98	2.91	2.82	2.05	3.16	−4	+19	−17	−27	−5	−9	−7	−19	+3	+4	1	1.93
22762		04 53 49.73	−17 46 18.7	10.90		G	73.457 206 90	−17.771 852 60		80.89	408.76	−644.35	1.21	1.17	1.97	1.78	1.43	−6	+20	−10	+18	−20	+24	−26	−6	−20	−46	1	2.50
22763		04 53 49.93	−83 51 57.0	9.05		H	73.458 024 73	−83.865 825 64		5.04	5.62	16.27	0.69	0.76	0.79	0.77	0.93	+0	+13	−3	+5	+12	−2	+11	+16	−7	+7	0	0.48
22764		04 53 50.32	+47 57 23.0	8.32		H	73.459 684 03	+47.956 379 51		7.32	52.65	−40.27	0.89	0.82	1.04	1.07	0.93	+36	+15	−24	+24	+14	−14	+10	+70	−33	+40	0	0.90
22765		04 53 50.40	+68 13 08.5	7.12		H	73.460 017 20	+68.219 034 84		4.68	33.12	−69.52	0.34	0.52	0.76	0.47	0.63	−3	+6	−9	−5	−11	−5	−9	−11	+19	+0	0	0.44
22766		04 53 50.69	−26 25 56.0	10.68		H	73.461 211 93	−26.432 233 32	B	−9.22	−0.98	−4.38	15.06	23.39	10.60	7.24	11.58	−4	+18	−17	−13	−3	−14	−7	−10	+0	+4	1	1.93
22767	H	04 53 51.79	+22 46 15.8	9.82		H	73.465 801 22	+22.771 041 99	A	3.24	1.39	−7.65	3.36	3.02	3.02	4.20	3.00	+41	+23	−19	−29	−34	+5	−32	−28	+2	+58	0	−0.15
22768	H	04 53 51.85	+67 29 15.2	7.58		G	73.466 037 16	+67.487 558 72	A	12.03	−61.09	−67.72	0.88	0.99	1.30	0.90	0.98	−21	+17	+2	−1	+8	+10	+0	−1	+2	+6	1	1.49
22769		04 53 52.89	+77 33 57.6	7.99		H	73.470 385 67	+77.565 998 19		4.27	9.42	−32.76	0.51	0.64	0.76	0.55	0.76	+0	+6	+19	−4	+14	+9	+13	+6	−15	−3	0	−0.22
22770		04 53 54.49	−43 00 49.3	9.11		H	73.477 031 02	−43.013 689 52		1.84	−1.21	9.47	0.73	0.85	0.90	0.81	0.99	−1	+14	+5	−14	+3	+7	+3	−16	+1	−13	0	−1.22
22771		04 53 54.63	−33 38 00.5	11.02		G	73.477 623 60	−33.633 458 83		17.84	197.71	−169.13	1.29	1.43	1.81	1.66	1.76	−12	+4	−13	+16	−13	+21	−11	+8	+3	−24	1	−0.42
22772	H	04 53 55.58	−20 32 22.2	10.08		H	73.481 565 97	−20.539 502 33	*	23.05	−33.24	240.32	4.46	2.52	2.73	2.31	2.64	+11	+1	−13	+8	−20	+23	−18	+9	−28	−56	0	−0.37
22773		04 53 55.64	+15 55 55.0	7.61		H	73.481 853 48	+15.931 958 07		11.37	−6.11	−107.85	0.94	0.55	1.07	1.33	0.74	+24	+20	−15	−18	−26	+31	−25	+7	+4	+40	2	0.31
22774		04 53 55.80	+01 34 09.8	6.61		G	73.482 512 30	+01.569 388 81		5.71	5.73	−8.13	0.84	0.49	0.96	0.90	0.58	+2	+47	−6	+30	+8	−14	+2	+51	−9	+6	0	−1.84
22775		04 53 56.10	+03 05 47.7	8.95		H	73.483 760 60	+03.096 579 76		1.63	3.12	−4.25	1.45	0.82	1.87	1.33	0.96	+5	+63	−22	+34	+18	+14	−1	+56	−28	+21	0	−1.22
22776		04 53 56.21	+36 45 26.7	7.77		H	73.484 194 62	+36.757 405 14		35.14	6.17	11.58	0.91	0.75	1.12	1.02	0.85	+6	+38	−39	+6	+25	−9	+14	+21	−18	+32	0	0.34
22777		04 53 56.43	+69 14 21.7	9.78		G	73.485 130 15	+69.239 360 49		13.44	220.21	−125.14	0.83	1.12	1.54	1.01	1.31	−8	+26	−21	−2	−18	−1	−15	+6	+10	−4	1	1.85
22778		04 53 56.58	+29 20 43.5	9.40		H	73.485 750 98	+29.345 409 75		4.65	−12.26	−0.25	1.42	1.28	1.46	1.89	1.60	+48	−5	−28	−43	−37	+24	−32	−46	+4	+63	0	0.28
22779		04 54 00.61	−12 27 45.7	7.79	2	H	73.502 539 92	−12.462 680 90		2.27	4.09	12.08	0.56	0.55	0.93	0.69	0.66	+22	+22	−10	+2	−8	−8	−12	−2	−14	+10	4	−1.05
22780		04 54 00.82	−61 43 02.5	8.22		H	73.503 418 48	−61.717 366 00		0.74	−2.50	14.60	0.67	0.65	0.70	0.71	0.77	−5	+11	−3	−7	−8	+12	−8	+6	−16	−14	4	−0.90
22781	H	04 54 02.87	−32 00 07.5	9.68		H	73.511 943 71	−32.002 071 12	A	6.85	−4.08	−6.53	1.95	1.92	2.40	2.29	2.13	−8	+15	+9	+31	−10	−2	−12	+24	−17	−9	0	0.59
22782		04 54 03.00	+17 01 36.6	7.22		G	73.512 512 67	+17.026 826 78		14.82	78.04	−0.66	0.79	0.53	0.88	0.96	0.71	+31	+21	−17	+7	+8	+6	−3	+37	−9	+57	0	1.84
22783		04 54 03.01	+66 20 33.6	4.26	1	H	73.512 544 25	+66.342 660 29		0.47	0.49	7.31	0.43	0.42	0.60	0.46	0.45	+8	+21	+5	+4	+29	+7	+27	+1	−3	+20	1	0.29
22784		04 54 03.37	−42 23 37.1	9.15		H	73.514 060 01	−42.393 635 94		4.13	7.96	46.25	0.70	0.78	0.83	0.71	0.89	−21	+2	+5	−28	+8	+12	+7	−26	+3	−11	1	−0.98
22785		04 54 04.07	−11 07 08.2	8.21		G	73.516 949 78	−11.118 943 30		3.75	9.26	−10.34	0.76	0.60	1.02	0.77	0.66	−24	+36	−17	+21	−31	+6	−34	+2	−12	−27	2	0.06
22786		04 54 04.11	−38 09 46.4	6.75		H	73.517 133 71	−38.162 886 26		5.43	−10.83	7.87	0.44	0.52	0.59	0.49	0.64	−2	+4	−12	+3	+10	−3	+7	+19	−12	+17	0	−0.99
22787		04 54 04.12	−35 24 17.6	7.60		H	73.517 162 18	−35.404 900 66		38.52	125.90	157.75	0.52	0.66	0.76	0.57	0.74	−2	+22	−7	+23	+2	+30	+3	+26	+0	+15	0	−2.45
22788		04 54 05.81	+73 02 55.1	8.20		H	73.524 206 67	+73.048 626 21		12.87	−4.62	−161.06	0.49	0.63	0.80	0.50	0.70	−18	+13	−13	+3	+0	+1	−1	+11	+0	−10	0	0.36
22789		04 54 10.64	+32 12 39.9	9.03		G	73.544 341 37	+32.211 071 61		3.49	−2.67	−2.88	1.18	0.81	1.32	1.22	0.91	+14	+38	−7	−4	+3	+14	−4	+15	−6	+40	0	0.22
22790		04 54 11.55	−14 56 36.1	8.72		H	73.548 145 70	−14.943 360 20		4.97	17.50	−2.63	0.84	0.76	1.19	1.04	0.94	−25	+16	−4	+26	−23	−2	−25	+28	−17	−31	0	0.02
22791		04 54 12.04	−01 43 33.1	8.11		H	73.550 181 41	−01.725 873 21		3.07	7.13	−10.33	0.99	0.70	1.17	1.08	0.82	+5	+28	−30	+40	+12	−10	+1	+52	−25	+26	0	−1.13
22792		04 54 12.97	+23 59 56.1	7.53		G	73.554 026 08	+23.998 904 53		15.87	−45.54	−41.25	1.00	0.66	1.14	1.11	0.79	+14	+38	−14	−10	+13	+23	+6	+22	+4	+48	0	−1.27
22793		04 54 13.64	+60 35 17.5	8.90		H	73.556 827 78	+60.588 187 26		3.26	−2.09	6.37	0.70	0.68	1.14	0.86	0.90	−27	+12	−11	+9	−8	−8	−3	+36	−2	−44	0	−0.40
22794		04 54 14.25	−69 12 36.4	10.16	2	G	73.559 386 79	−69.210 122 48		1.36	2.56	−0.71	1.26	1.28	1.33	1.38	1.73	−8	+16	−6	+16	−6	−2	−9	−5	+9	−22	0	−0.31
22795		04 54 14.84	+58 38 13.4	8.07	2	H	73.561 821 53	+58.637 066 63		2.94	−1.71	−9.24	0.58	0.61	0.98	0.73	0.72	+25	+17	−16	−4	+8	−23	+3	+4	−9	+28	0	2.08
22796		04 54 14.99	+49 54 00.3	11.47	3	H	73.562 474 43	+49.900 097 17		2.09	7.02	−2.25	2.71	1.88	3.07	3.26	2.06	+17	−10	−28	−33	−29	+16	−25	+7	−15	+18	0	−0.81
22797		04 54 15.10	+02 26 26.4	3.71	1	G	73.562 898 50	+02.440 671 49		2.43	1.43	0.23	0.78	0.49	0.93	0.82	0.56	+11	+46	−7	+37	+20	−10	+11	+60	−14	+12	0	−0.68
22798		04 54 15.27	−06 35 13.4	8.39		G	73.563 616 01	−06.587 050 30		1.39	−0.17	−7.34	1.05	0.78	1.09	1.17	0.90	−13	+26	−15	+57	−6	−13	−12	+64	−15	+3	2	1.11
*22799		04 54 16.26	+18 13 55.8	11.01		H	73.567 740 13	+18.232 154 28		−0.41	11.78	−9.41	1.98	1.24	2.17	2.45	1.56	+16	+38	−10	+12	−8	+12	−9	+24	−6	+26	0	1.52
*22800		04 54 16.17	−59 56 36.7	8.90		H	73.567 382 70	−59.943 533 43		2.84	15.85	26.29	0.80	0.78	0.84	0.96	0.92	−2	+22	−6	−6	−8	−4	−8	−8	+5	−23	0	−0.14

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
22701	4.691	0.003	4.406	0.004		0.257	0.014	G	0.33	0.02	A	4.4373	0.0009	0.005	77		4.43	4.45					1							S
22702	10.506	0.031	9.008	0.015		1.260	0.027	T	1.22	0.03	L	9.0255	0.0017	0.018	114		9.00	9.06			04529−5712	I 1	1 S							
22703	8.033	0.007	7.212	0.005	*	0.740	0.007	T	0.79	0.01	L *	7.2484	0.0009	0.010	173	*	7.23	7.27		D	04529+7543	M 1	2 C A	AB	199	0.856	0.007	2.35	0.03	S
22704	8.337	0.016	8.105	0.018	*	0.221	0.023	T	0.24	0.03	L *	8.1245	0.0016	0.010	52	*	8.11	8.14		D	04529+3548	I 1	2 C A	AB	280	0.430	0.005	0.87	0.03	
22705	9.649	0.019	8.191	0.010		1.229	0.017	T	1.19	0.02	L	8.2133	0.0012	0.012	109		8.19	8.23					1							S
22706	9.322	0.020	7.622	0.010		1.419	0.018	T	1.40	0.03	L	7.6292	0.0014	0.010	54		7.60	7.65		C			1							S
22707	9.176	0.010	9.010	0.011		0.159	0.014	T	0.18	0.01	L	9.0383	0.0017	0.023	238		9.00	9.08					1							
22708	10.643	0.096	9.919	0.069		0.665	0.095	T	0.73	0.08	L	10.1384	0.0043	0.028	43		10.10	10.19					1							G
22709	8.111	0.010	7.874	0.010		0.244	0.015	G	0.27	0.02	H	7.9187	0.0018	0.013	96		7.90	7.94					1							S
22710	10.740	0.035	9.452	0.018		1.096	0.031	T	1.06	0.03	L	9.5280	0.0023	0.032	156		9.48	9.59					1 S							
22711	8.890	0.017	8.297	0.016		0.564	0.015	G	0.64	0.01	H	8.3554	0.0033	0.015	49		8.33	8.38					1							
22712	10.472	0.073	9.797	0.062		0.625	0.080	T	0.69	0.07	L	9.9612	0.0077	0.027	43		9.92	10.01					1							G
22713	10.301	0.035	8.812	0.018		1.253	0.031	T	1.21	0.03	L	8.8470	0.0018	0.015	98		8.82	8.88		C			1							
22714	8.153	0.011	8.041	0.013		0.085	0.015	G	0.07	0.01	L	8.0968	0.0013	0.013	76		8.08	8.12		C	04531−0116	I 2	1							
22715	10.162	0.046	8.889	0.027		1.019	0.002	G	1.07	0.00	I	8.9229	0.0030	0.019	47		8.84	8.95			04531+2214	I 1	1 S							
22716	7.992	0.012	7.924	0.013		0.060	0.015	G	0.06	0.01	L	7.9598	0.0015	0.010	76		7.94	7.98		C	04531−0116	I 2	1							
22717	6.901	0.005	6.341	0.004		0.521	0.007	G	0.59	0.01	H	6.3971	0.0007	0.007	102		6.39	6.41					1							S
22718	8.980	0.018	8.317	0.016		0.599	0.015	G	0.67	0.01	H	8.3978	0.0016	0.013	54		8.35	8.42		C			1							
22719	9.746	0.021	8.119	0.010		1.362	0.018	T	1.33	0.02	L	8.0841	0.0014	0.014	94		8.06	8.11		C			1							S
22720	6.484	0.006	6.404	0.007		0.068	0.002	G	0.08	0.00	H	6.4300	0.0008	0.005	66		6.42	6.44					1							S
22721	7.230	0.005	7.038	0.005		0.184	0.007	T	0.20	0.01	L	7.0838	0.0014	0.013	113		7.06	7.11			04532−2046	I 1	1							S
22722	7.922	0.010	7.706	0.010		0.206	0.013	T	0.23	0.01	L	7.7352	0.0010	0.009	85		7.72	7.75		C	04532+0833	I 1	1							S
22723	8.998	0.013	8.533	0.013		0.450	0.015	G	0.52	0.02	H	8.5708	0.0012	0.014	101		8.55	8.60					1							S
22724	8.842	0.010	7.111	0.005		1.444	0.009	T	1.44	0.01	L	7.0856	0.0010	0.010	131		7.07	7.11					1							S
22725	9.256	0.023	8.668	0.021		0.549	0.028	T	0.62	0.03	L	8.7431	0.0014	0.012	60		8.73	8.77		C			1							
22726	8.961	0.021	8.853	0.025		0.120	0.015	G	0.13	0.01	H	8.9076	0.0021	0.013	48		8.89	8.93		C			1							
22727	11.033	0.079	10.241	0.064		0.718	0.078	T	0.77	0.06	L	10.2788	0.0029	0.020	55		10.25	10.31		C			1 S							G
22728	9.271	0.018	9.220	0.023		0.040	0.015	G	0.06	0.01	H	9.2142	0.0019	0.014	81		9.19	9.24		C			1 S							
22729	8.425	0.011	7.714	0.011		0.664	0.015	G	0.73	0.01	H	7.7768	0.0010	0.011	62		7.76	7.80		C			1							S
22730	7.426	0.008	5.518	0.005		1.632	0.004	G	2.05	0.05	F	5.4049	0.0013	0.012	73		5.39	5.43		U 2			1 S							S
22731	10.285	0.031	9.033	0.018		1.068	0.028	T	1.03	0.02	L	9.0988	0.0022	0.021	103		9.07	9.14					1							
22732	8.845	0.012	8.849	0.015		0.001	0.018	T	0.02	0.02	L	8.8553	0.0015	0.015	95		8.82	8.88		C			1							
22733	8.252	0.009	7.177	0.006		0.931	0.008	T	0.93	0.01	L	7.2455	0.0008	0.009	135		7.23	7.26					1							S
22734	8.998	0.016	8.625	0.016		0.330	0.015	G	0.38	0.02	H	8.6860	0.0010	0.011	77		8.67	8.71		D			1 X S							
22735	9.342	0.014	9.316	0.017	A	−0.071	0.015	G	−0.05	0.01	H	9.4035	0.0101	0.031	143	A	9.33	9.45		D	04535+8129	I 2	1 C P A							
22736	7.628	0.009	7.354	0.008		0.237	0.002	G	0.26	0.00	H	7.3887	0.0010	0.010	112		7.37	7.41		C			1							S
22737	8.552	0.011	6.617	0.005		1.640	0.010	T	1.87	0.04	O	6.5211	0.0026	0.020	90		6.50	6.56		U 2			1							S
22738						1.580	0.042	G	2.56	0.10	I *	10.7127	0.0058	0.046	92	*	10.65	10.79		D	04535−5552	I 1	2 C A	AB	314	7.848	0.012	0.90	0.05	G
22739	9.137	0.009	9.054	0.011		0.082	0.013	T	0.09	0.01	L	9.1069	0.0016	0.025	268		9.06	9.15					1							
22740	11.247	0.079	10.540	0.068		0.651	0.085	T	0.71	0.07	L	10.5613	0.0041	0.027	81		10.51	10.60		C			1 S							G
22741	9.446	0.014	9.083	0.014		0.354	0.017	T	0.42	0.02	L	9.1340	0.0024	0.025	152		9.09	9.18					1							
22742	11.507	0.076	10.778	0.064	B	0.669	0.079	T	0.73	0.07	L	11.1855	0.0387			B				D	04535+8129	I 2	1 C I A							
22743	7.889	0.013	6.677	0.007		1.036	0.012	T	1.01	0.01	L	6.7154	0.0017	0.008	43		6.70	6.73		C			1							S
22744	8.017	0.010	6.801	0.008		1.039	0.010	T	1.01	0.01	L	6.8539	0.0010	0.009	58		6.84	6.87		C			1							S
22745	9.847	0.033	7.742	0.012		1.730	0.020	G	1.74	0.09	H	7.6449	0.0016	0.012	72		7.63	7.66					1							S
22746	8.346	0.009	7.902	0.008		0.443	0.015	G	0.51	0.02	H	7.9536	0.0011	0.010	115		7.93	7.98					1							S
22747	7.431	0.010	7.170	0.008	*	0.249	0.012	T	0.28	0.01	L *	7.2122	0.0012	0.009	55	*	7.20	7.23		D	04536+2522	I 1	2 C S A	AB	308	0.139	0.037	1.70	0.59	S
22748	8.069	0.009	8.048	0.011		0.020	0.013	T	0.04	0.01	L	8.0550	0.0016	0.011	99		8.04	8.08					1							S
22749	9.937	0.016	8.522	0.009		1.195	0.014	T	1.15	0.01	L	8.5577	0.0019	0.022	184		8.53	8.59					1 S							S
22750											T	11.8132	0.0271	0.308	123		11.08	12.00	0.57	P 1 A			1							G
22751	9.910	0.034	9.333	0.033		0.503	0.011	G	0.58	0.01	H	9.4015	0.0048	0.018	42		9.38	9.43					1							
22752	9.859	0.027	9.431	0.028		0.404	0.036	T	0.47	0.04	L	9.5410	0.0030	0.019	71		9.50	9.58		C			1							
22753	10.868	0.083	10.208	0.068		0.612	0.090	T	0.68	0.08	L	10.3079	0.0046	0.024	46		10.26	10.35		C			1							G
22754	6.872	0.004	6.659	0.004		0.203	0.005	T	0.22	0.01	L	6.7014	0.0006	0.007	120		6.69	6.71		C			1							S
22755	9.804	0.030	9.187	0.027		0.574	0.035	T	0.65	0.03	L	9.2548	0.0038	0.023	67		9.22	9.30					1							
22756	7.884	0.008	7.553	0.009		0.334	0.006	G	0.39	0.01	H	7.5815	0.0014	0.013	92		7.56	7.61					1							S
22757	9.205	0.012	8.113	0.008		0.944	0.011	T	0.93	0.01	L	8.1863	0.0015	0.017	144		8.16	8.21					1							
22758	11.010	0.063	11.048	0.097		0.094	0.008	G	0.11	0.01	H	11.0146	0.0064	0.053	102		10.92	11.11					1 G							D
22759	10.972	0.051	9.235	0.020		1.449	0.043	T	1.45	0.07	L	9.1941	0.0018	0.018	106		9.16	9.23		C			1							
22760	9.681	0.030	9.096	0.028		0.546	0.036	T	0.62	0.03	L	9.1358	0.0022	0.016	47		9.11	9.16		C			1							
22761	10.276	0.027	9.061	0.016	A	1.039	0.024	T	1.01	0.02	L	9.1449	0.0139	0.057	186	A	9.07	9.24		D	04538−2626	I 2	1 C P A							
22762						1.547	0.013	G	2.22	0.02	A	10.9305	0.0024	0.030	148		10.86	11.00					1							G
22763	9.555	0.017	9.098	0.017		0.444	0.019	T	0.51	0.02	L	9.1452	0.0021	0.018	112		9.12	9.18		C			1							
22764	9.599	0.022	8.437	0.014		0.997	0.020	T	0.98	0.02	L	8.4875	0.0011	0.012	97		8.46	8.51					1							
22765	8.603	0.007	7.247	0.004		1.149	0.006	T	1.11	0.01	L	7.2913	0.0006	0.009	243		7.27	7.31					1							S
22766	11.238	0.049	10.572	0.045	B	0.617	0.056	T	0.69	0.05	L	10.8658	0.0595			B				D	04538−2626	I 2	1 C I A							
22767	10.343	0.054	9.862	0.052	*	0.453	0.068	T	0.52	0.07	L *	9.9248	0.0036	0.020	44	*	9.89	9.97		C	04539+2246	H 1	2 C C	AB	177	0.636	0.055	3.31	0.41	G
22768	8.065	0.008	7.652	0.009	A	0.417	0.015	G	0.48	0.02	H *	7.6745	0.0012	0.013	166	*	7.65	7.70		D	04539+6729	I 1	2 C A	AB	134	1.379	0.035	3.24	0.09	S
22769	8.277	0.008	8.008	0.009		0.256	0.011	T	0.29	0.01	L	8.0639	0.0014	0.015	148		8.03	8.09					1							S
22770	10.384	0.027	9.226	0.017		0.994	0.025	T	0.97	0.02	L	9.2718	0.0023	0.021	123		9.23	9.30		C			1							
22771						1.006	0.009	G	1.05	0.01	I	11.1675	0.0057	0.042	109		11.11	11.24					1							G
22772	11.588	0.088	10.243	0.043	*	1.271	0.012	G	1.45	0.02	I *	10.1942	0.0037	0.030	104	*	10.14	10.26		D	04539−2032	H 1	2 C A	AB	341	0.240	0.010	0.37	0.20	
22773	8.224	0.012	7.671	0.009		0.523	0.015	G	0.60	0.02	H	7.7268	0.0011	0.007	64		7.72	7.74		C			1							S
22774	6.656	0.005	6.603	0.006		0.042	0.007	G	0.06	0.01	H	6.6264	0.0010	0.007	83		6.62	6.64		C			1							S
22775	10.331	0.036	9.075	0.021		1.071	0.033	T	1.04	0.03	L	9.1159	0.0019	0.015	73		9.09	9.14		C			1							
22776	8.697	0.017	7.847	0.014		0.747	0.017	T	0.79	0.01	L	7.9101	0.0027	0.015	54		7.89	7.95					1							S
22777	10.616	0.031	9.817	0.024		0.850	0.020	G	0.89	0.02	H	9.9096	0.0026	0.036	173		9.84	9.99					1							G
22778	9.869	0.031	9.458	0.033		0.389	0.042	T	0.45	0.05	L	9.4848	0.0029	0.020	51		9.45	9.51		C			1							
22779	10.104	0.021	8.010	0.008		1.771	0.019	T	2.53	0.03	O	7.7997	0.0025	0.023	142		7.77	7.83		U 2			1							
22780	10.072	0.025	8.363	0.012		1.427	0.022	T	1.41	0.04	L	8.3567	0.0017	0.014	109		8.33	8.38		C			1							
22781	10.314	0.027	9.879	0.029	A	0.500	0.495	G	0.35	0.07	B *	9.7597	0.0033	0.033	129	*	9.70	9.81		R	04540−3200	I 1	2 C A	AB	278	1.892	0.011	1.73	0.06	
22782	7.863	0.008	7.292	0.007		0.536	0.017	G	0.61	0.02	H	7.3439	0.0010	0.009	99		7.33	7.36		C			1							S
22783	4.286	0.002	4.300	0.002		−0.008	0.003	T	0.09	0.03	C	4.2940	0.0013	0.014	132		4.28	4.32		U 2			1							S
22784	9.757	0.019	9.203	0.017		0.524	0.019	T	0.60	0.02	L	9.2638	0.0021	0.017	125		9.23	9.29					1							
22785	8.162	0.008	8.189	0.010		−0.046	0.015	G	−0.02	0.01	H	8.2086	0.0015	0.014	130		8.18	8.24					1							S
22786	8.387	0.009	6.893	0.005		1.257	0.008	T	1.22	0.01	L	6.9119	0.0011	0.011	126		6.90	6.93					1							S
22787	8.598	0.011	7.688	0.008		0.792	0.003	G	0.83	0.00	H	7.7427	0.0014	0.015	128		7.72	7.77					1							S
22788	8.827	0.008	8.267	0.008		0.524	0.010	T	0.60	0.01	L	8.3201	0.0014	0.020	186		8.29	8.35					1							S
22789	9.671	0.030	9.072	0.028		0.591	0.015	G	0.66	0.01	H	9.1501	0.0028	0.016	57		9.13	9.20		C			1							
22790	9.043	0.013	8.737	0.013		0.292	0.020	T	0.33	0.03	L	8.7907	0.0021	0.020	100		8.76	8.83		C			1							
22791	9.655	0.023	8.202	0.013		1.225	0.021	T	1.18	0.02	L	8.2721	0.0019	0.013	71		8.25	8.30		C			1							
22792	8.011	0.011	7.569	0.011		0.417	0.015	G	0.48	0.02	H	7.6221	0.0010	0.009	60		7.61	7.64					1							S
22793	9.140	0.011	8.901	0.012		0.228	0.015	T	0.25	0.02	L	8.9641	0.0020	0.020	153		8.93	9.00		C	04542+6035	I 1	1							
22794	12.152	0.206	10.342	0.058		1.518	0.026	G	1.28	0.02	A	10.3525	0.0097	0.070	93		10.23	10.45		U 2 C			1 S							D
22795	8.432	0.009	8.119	0.010		0.297	0.013	T	0.34	0.02	L	8.1485	0.0023	0.020	132		8.12	8.23		U 2 C			1							S
22796						2.570	0.510	G	2.57	0.52	J	11.4750	0.0643	0.670	64		10.54	12.01	377.00	P 1 A			1							G P
22797	3.477	0.004	3.674	0.004		−0.179	0.012	G	−0.18	0.02	A	3.6470	0.0044	0.021	67		3.62	3.67	3.70	P 1 A			1							S
22798	8.313	0.010	8.360	0.013		−0.058	0.002	G	−0.04	0.00	H	8.3785	0.0021	0.015	77		8.35	8.41		C			1							S
22799	11.620	0.122	10.897	0.103		0.466	0.107	G	0.54	0.11	R	11.1104	0.0039	0.030	73		11.03	11.16		C			1							G
22800	10.125	0.031	9.004	0.020		0.965	0.029	T	0.95	0.02	L	9.0591	0.0020	0.016	89		9.03	9.09		C			1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ α* (19)	π α* (20)	π δ (21)	μα* α* (22)	μα* δ (23)	μα* π (24)	μδ α* (25)	μδ δ (26)	μδ π (27)	μδ μα* (28)	Soln F1 % (29)	F2 (30)
22801		04 54 16.94	+23 58 58.4	9.99		H	73.570 581 72	+23.982 901 55		10.43	−16.18	5.94	2.02	1.44	2.32	2.58	1.87	+26	+22	−18	−6	+14	+16	+4	+31	−10	+54	0	−0.60
22802		04 54 17.97	+26 48 27.9	10.14		H	73.574 882 84	+26.807 753 64		11.27	68.56	−39.10	1.78	1.32	1.92	2.51	1.83	+7	+17	−18	−14	+30	+4	+25	+20	−20	+15	0	−0.24
22803		04 54 20.16	+44 43 53.4	8.67		H	73.583 987 43	+44.731 512 44		6.60	34.62	−51.87	1.28	0.77	1.38	1.31	0.90	−9	+53	−8	+31	−32	+0	−43	+50	−39	−13	2	1.79
22804		04 54 20.54	−57 33 02.4	9.21		H	73.585 590 44	−57.550 665 02		−0.41	−2.41	−4.89	0.81	0.80	0.86	0.88	0.96	+4	−6	+16	+3	−12	+7	−15	+0	−6	−1	0	0.51
22805		04 54 20.63	+17 36 33.1	9.59		G	73.585 938 44	+17.609 200 44		5.52	17.67	−23.12	1.17	0.78	1.29	1.40	1.01	+25	+23	−15	+5	−1	+11	−6	+28	−5	+46	0	0.77
22806		04 54 20.84	−67 17 07.7	8.54	1	H	73.586 816 96	−67.285 467 92		1.45	14.54	22.73	0.77	0.78	0.84	0.81	1.08	−10	+5	−10	−10	+5	+10	+6	−8	−23	+5	0	0.06
22807		04 54 21.23	−38 42 20.6	9.12		H	73.588 474 69	−38.705 735 30		2.32	18.73	11.82	0.67	0.84	0.91	0.75	1.07	+1	+22	−13	−6	+7	+0	+1	+17	−13	+19	3	−0.52
22808		04 54 26.33	−00 11 47.9	9.95		H	73.609 693 97	−00.196 630 17		6.18	−3.55	−39.25	1.47	1.11	1.89	1.67	1.34	+10	+23	−22	+25	+24	−11	+10	+55	−32	+27	0	0.85
22809		04 54 26.42	+28 48 40.7	8.78		H	73.610 086 94	+28.811 299 09		10.84	34.16	−49.98	1.42	0.92	1.51	1.46	1.19	+8	+53	−5	−17	−1	+7	+0	−14	+3	+25	3	2.51
22810		04 54 27.25	−05 25 14.2	7.34		H	73.613 538 26	−05.420 615 93		5.05	8.38	−2.84	0.90	0.61	1.02	0.95	0.69	−6	+40	−16	+38	−2	−1	−10	+47	−19	+1	0	0.73
22811		04 54 27.57	−16 03 55.8	9.04		H	73.614 864 02	−16.065 497 10		4.69	10.62	−6.71	0.68	0.68	1.21	1.06	0.91	+21	+4	−6	−6	−18	+28	−13	−1	−25	−37	0	0.39
22812	H	04 54 27.96	−03 13 33.3	6.52		H	73.616 499 22	−03.225 913 08	*	7.53	26.46	−1.77	1.09	0.83	0.94	0.82	0.66	+2	+5	−2	+34	+15	−9	+14	+36	−11	+49	1	−0.57
22813		04 54 29.50	−23 30 15.9	8.08		H	73.622 931 13	−23.504 406 68		1.72	0.05	−4.68	0.55	0.64	0.97	0.65	0.83	−4	+7	+0	−32	−6	+3	−9	−1	+6	+6	0	−0.04
22814	H	04 54 30.54	−60 24 51.4	8.55		H	73.627 237 66	−60.414 284 25	A	4.59	−4.97	0.66	1.25	1.28	1.09	1.19	1.17	−1	+12	−4	−18	+5	−17	+2	−16	−17	−4	1	−0.19
22815		04 54 32.79	−26 43 44.2	8.42		H	73.636 641 73	−26.728 948 58		2.11	9.72	28.50	0.60	0.80	1.04	0.68	0.99	−6	+20	−15	−40	−2	−12	−8	−4	−8	+3	0	−0.76
22816		04 54 33.10	−51 05 56.7	8.96		H	73.637 908 29	−51.099 091 28		12.63	−37.83	−1.07	0.73	0.78	0.82	0.81	0.98	+3	+22	+2	+3	−21	+11	−22	−7	+4	+6	3	1.15
22817		04 54 33.35	+45 40 51.9	7.95		G	73.638 970 76	+45.681 093 46		14.87	2.33	16.68	1.09	0.69	1.19	1.35	0.84	+12	+28	−28	+12	−15	+13	−25	+51	−32	+33	0	0.32
22818		04 54 33.47	−52 31 25.0	8.06		G	73.639 437 69	−52.523 614 65		7.83	−16.30	−15.13	0.62	0.67	0.69	0.69	0.85	−9	−4	+3	+10	−20	+5	−22	+9	−8	+1	3	−2.00
22819		04 54 35.59	−39 05 20.9	7.83		H	73.648 274 62	−39.089 143 40		4.14	−4.03	28.20	0.52	0.67	0.71	0.55	0.78	−3	+17	−21	−17	+10	−6	+4	+23	−10	+12	0	−0.44
22820		04 54 38.83	+70 52 49.4	9.04		H	73.661 799 75	+70.880 399 16		3.59	24.86	−21.32	0.58	0.82	1.16	0.60	0.92	−4	+13	+9	+15	+10	+8	+13	+25	+16	−11	0	−0.16
*22821		04 54 40.81	−29 02 37.4	10.22		H	73.670 024 12	−29.043 726 29		0.88	−9.00	4.53	2.34	2.90	3.74	2.61	3.25	−9	+17	−15	−12	+0	+12	+0	−9	−9	−4	0	
*22822		04 54 40.73	−28 52 52.3	7.76		H	73.669 693 04	−28.881 199 73		4.47	19.37	47.14	0.53	0.65	0.87	0.59	0.74	−7	+14	−14	−12	+0	+11	+0	+7	−11	−5	0	−0.26
22823		04 54 41.20	+12 01 32.9	7.44		G	73.671 661 96	+12.025 818 86		4.39	14.50	−19.03	1.11	0.81	1.22	1.65	1.24	+40	+23	−15	+10	+24	−30	+8	+41	−30	+63	6	1.14
22824		04 54 42.54	−31 25 59.2	8.04		G	73.677 244 43	−31.433 113 21		14.62	1.96	−270.13	0.55	0.66	0.84	0.63	0.84	−2	+8	−6	+17	+2	+11	+1	+20	−17	+7	0	−0.14
22825		04 54 43.19	−09 47 09.7	8.80		H	73.679 971 91	−09.786 021 58		5.65	12.71	−2.25	0.88	0.74	1.17	1.00	0.83	+0	+32	−42	+22	−4	+6	−8	+25	−20	+15	0	−1.67
22826		04 54 43.60	+12 21 08.3	7.13		G	73.681 665 62	+12.352 298 31		18.58	92.23	−39.95	0.95	0.70	1.12	1.51	1.15	+34	+17	−28	+7	+26	−38	+3	+42	−33	+70	3	1.85
22827		04 54 44.46	+21 05 59.3	8.91		H	73.685 258 24	+21.099 797 78		1.86	6.71	−19.59	1.17	0.84	1.36	1.49	1.03	−2	+42	−35	−1	+19	−5	+8	+29	−16	+23	0	−1.44
22828		04 54 44.77	+04 46 25.0	7.90		G	73.686 534 45	+04.773 613 08		12.01	6.90	−38.31	0.97	0.59	1.09	1.31	0.74	−2	+31	−10	+23	+12	+18	+8	+48	−17	−12	0	−0.29
22829		04 54 44.95	+24 05 46.8	10.80		H	73.687 300 78	+24.096 340 60		4.25	2.27	−5.84	2.42	1.79	2.68	3.23	2.46	+31	+25	−21	−7	+4	+11	−3	+17	+0	+64	0	0.12
22830		04 54 45.18	+55 26 14.0	9.09		H	73.688 238 61	+55.437 219 49		5.19	14.45	5.44	0.93	0.79	1.27	1.25	0.93	+2	+3	−18	−3	−6	+12	−9	+27	−10	+22	2	1.87
22831		04 54 45.48	+11 55 43.6	8.21		H	73.689 504 69	+11.928 778 68		4.03	7.67	−4.07	1.40	0.97	1.51	1.83	1.38	+45	+34	−11	+14	+31	−23	+15	+47	−27	+62	0	1.60
22832		04 54 46.07	−46 22 01.8	9.45		H	73.691 941 97	−46.367 160 75		4.87	2.80	21.15	0.87	0.98	1.06	1.05	1.16	−1	+5	−5	+2	−20	+16	−18	−1	+19	−5	1	−0.31
22833		04 54 46.91	+11 25 33.5	5.18		H	73.695 444 09	+11.425 973 36		13.54	−16.31	13.63	0.91	0.71	0.95	1.24	0.92	+47	+9	−25	+37	+42	−22	+35	+67	−26	+51	0	0.35
22834		04 54 47.79	+07 46 45.0	5.33		H	73.699 141 24	+07.779 163 25		7.39	−21.74	−27.14	0.77	0.47	0.87	0.97	0.55	−7	+36	−29	−5	+30	−6	+17	+49	−26	+0	0	−0.06
22835		04 54 48.54	−20 23 22.2	8.45		H	73.702 246 30	−20.389 501 01		3.63	36.00	−6.10	0.84	0.77	1.35	0.95	1.08	−9	+14	−12	+1	−27	+13	−30	+10	−34	−43	0	−1.08
22836		04 54 49.12	−25 39 10.4	8.24		H	73.704 671 89	−25.652 875 50		5.79	−27.13	1.54	0.51	0.78	1.07	0.64	0.97	−1	+10	−23	−22	−9	−1	−9	−3	+8	+3	0	0.64
*22837		04 54 49.42	−29 33 41.3	9.20	2	H	73.705 900 54	−29.561 466 35		7.94	25.29	−29.92	0.70	0.90	1.14	0.84	1.06	+0	+6	−13	+6	+4	+10	+4	+21	−18	+3	1	−1.20
*22838		04 54 49.40	+22 08 47.6	8.01		H	73.705 837 54	+22.146 550 54		8.53	−24.54	−26.28	1.00	0.79	1.01	1.62	1.28	+43	+18	−13	−24	−26	+8	−25	−19	+10	+65	0	−1.75
22839		04 54 50.45	−52 54 54.8	8.56		H	73.710 206 36	−52.915 225 84		6.68	−0.81	−12.49	0.71	0.76	0.78	0.73	0.89	−1	−16	+10	−5	−21	+10	−25	+0	+4	+9	1	−1.73
22840		04 54 50.71	+00 28 01.8	5.98		H	73.711 285 49	+00.467 178 46		3.38	−0.49	−4.89	0.84	0.52	1.01	0.89	0.61	−11	+50	−35	+17	+1	+4	−12	+40	−26	+11	0	0.19
22841		04 54 51.17	+49 02 23.1	8.53		H	73.713 214 81	+49.039 745 44		4.54	−1.99	−20.74	0.94	0.70	1.23	1.01	0.73	+3	+18	−32	+2	−6	+19	−8	+35	−28	+14	4	1.11
22842		04 54 51.22	+44 03 39.6	6.06		H	73.713 436 07	+44.060 998 50		9.59	21.34	−56.40	0.93	0.52	1.10	0.79	0.60	−18	+66	−25	+13	−12	−16	−38	+41	−41	−2	0	0.44
22843		04 54 52.37	+41 09 51.4	10.05		H	73.718 203 35	+41.164 275 65		−0.64	7.60	−0.19	1.87	1.22	2.14	2.10	1.37	+8	+45	−18	+1	−14	+7	−10	+14	+1	+18	0	−0.52
22844		04 54 52.92	−58 32 52.1	6.11		G	73.720 515 78	−58.547 817 83		32.38	100.99	68.25	0.49	0.47	0.52	0.61	0.62	−6	+2	−17	+21	+13	−16	+10	+10	−24	−5	0	−0.69
22845		04 54 53.70	+10 09 04.1	4.64		G	73.723 767 20	+10.151 145 11		27.04	40.08	−128.37	0.79	0.53	0.94	1.04	0.65	+22	+24	−14	+27	+20	+16	+18	+65	−15	+22	0	2.23
22846		04 54 54.81	+16 23 11.5	7.12		H	73.728 365 96	+16.386 515 34		5.62	0.13	−6.72	0.84	0.50	0.91	1.06	0.67	+24	+29	−5	+0	−25	+15	−26	+17	+5	+43	0	−0.01
22847		04 54 54.82	−39 37 43.2	6.11		H	73.728 408 98	−39.628 661 45		3.22	−6.24	22.28	0.45	0.47	0.55	0.52	0.56	−10	+5	−15	−6	−7	−4	−8	−1	+2	−10	0	−0.55
22848	H	04 54 56.38	+08 36 00.0	6.86	2	H	73.734 937 13	+08.600 001 65	A	6.13	−15.02	−2.00	1.25	0.77	1.40	1.40	0.79	−18	+41	−26	−1	+14	+4	+7	+47	−32	−23	1	0.89
22849		04 54 57.35	−66 45 08.8	10.82		G	73.738 962 51	−66.752 449 02		−1.05	0.14	−1.64	1.22	1.37	1.37	1.45	1.94	−5	+5	−2	−4	+8	−3	+8	−14	−21	+0	0	0.03
22850		04 54 58.32	+19 29 07.6	6.36		H	73.743 010 84	+19.485 457 20		14.67	63.32	−28.41	0.86	0.57	0.95	0.92	0.65	+30	+47	−4	−5	+2	−23	−8	+26	−16	+50	6	1.00
22851		04 54 58.71	+11 56 32.1	9.62		H	73.744 618 70	+11.942 263 21		10.89	25.59	−27.99	1.94	1.39	2.10	2.52	1.79	+42	+23	−15	+26	+36	−23	+26	+57	−23	+55	0	1.03
22852		04 54 58.94	+05 22 55.5	12.39		G	73.745 569 04	+05.382 072 14		7.15	190.28	−43.36	4.77	2.45	5.77	5.10	2.87	−1	+56	−12	+17	+15	+12	−2	+43	−29	−9	0	−0.18
22853	H	04 55 00.27	+14 35 37.6	7.50		G	73.751 128 99	+14.593 776 30	*	4.38	16.02	−1.44	0.83	0.55	0.91	0.93	0.68	+19	+28	+0	+7	+4	+8	−4	+36	−5	+37	0	0.83
22854		04 55 03.14	+55 15 32.9	5.52		H	73.763 090 80	+55.259 129 55		4.93	−16.14	−8.60	0.64	0.54	0.83	0.75	0.61	+16	+30	−17	+16	+4	−10	+4	+34	−8	+33	2	0.52
22855		04 55 03.32	+21 40 17.9	9.55		H	73.763 820 88	+21.671 640 60		4.72	2.48	7.69	1.39	1.06	1.48	2.05	1.50	+27	+23	−1	−4	+3	+13	+3	+1	−1	+23	3	−0.36
22856	H	04 55 03.88	−00 32 42.0	8.54		H	73.766 182 39	−00.545 001 98	C	1.30	−0.96	2.13	16.24	13.00	2.49	2.27	1.90	−62	+3	+13	−3	+12	+14	+8	+10	−16	+24	0	2.25
22857		04 55 03.98	+08 58 11.4	9.60		H	73.766 581 65	+08.969 843 64		4.05	11.85	−21.75	1.42	0.87	1.64	1.63	0.98	+7	+37	−11	+22	+17	−12	+11	+65	−11	+11	2	−1.19
22858		04 55 04.47	+45 44 05.1	11.04		G	73.768 618 73	+45.734 748 48		16.87	356.28	−67.61	2.39	1.45	2.81	2.78	1.65	+7	+21	−30	+0	−33	+19	−37	+43	−37	+17	7	1.40
22859		04 55 04.84	−41 03 51.6	8.32		H	73.770 176 68	−41.064 332 48		2.69	11.19	−5.18	0.63	0.68	0.76	0.63	0.79	−8	+7	−7	−17	+0	+8	−4	+15	−3	+6	1	0.32
*22860		04 55 06.82	−16 44 26.3	5.71		H	73.778 419 69	−16.740 648 25		6.85	4.88	−8.94	0.42	0.37	0.63	0.59	0.45	+19	+16	−5	+15	−15	+13	−18	+3	−7	−23	0	0.01
*22861		04 55 06.82	−62 47 44.0	7.98		H	73.778 412 41	−62.795 568 45		6.00	9.38	75.61	0.54	0.60	0.60	0.54	0.66	+6	+16	+5	+4	−2	−1	−2	+15	−10	−4	0	0.32
22862		04 55 07.00	−59 06 57.2	8.42		H	73.779 157 93	−59.115 885 63		5.47	17.33	−85.62	0.69	0.66	0.72	0.85	0.80	+3	−1	−22	+5	−2	−3	−4	−2	+1	−8	0	0.11
22863		04 55 07.16	+40 44 52.0	8.27	2	H	73.779 841 82	+40.747 781 01		−0.27	2.65	−0.91	1.18	0.92	1.37	1.32	1.00	+18	+34	−35	−11	−33	+20	−19	−28	+18	+55	0	0.25
22864		04 55 07.33	+26 13 03.9	9.90		H	73.780 537 53	+26.217 738 59		9.56	−29.18	−1.61	1.81	1.23	2.18	2.15	1.48	+6	+52	−31	−4	+41	−38	+13	+51	−27	+30	6	−0.88
22865		04 55 08.27	−30 17 10.2	7.62		H	73.784 460 03	−30.286 171 53		5.00	−0.41	10.02	0.48	0.58	0.80	0.54	0.70	−7	+5	−28	+12	−1	+15	+2	+18	−33	+1	1	−0.94
22866		04 55 08.71	−54 25 50.9	7.53		H	73.786 294 75	−54.430 810 91		6.43	−5.16	−10.25	0.57	0.57	0.63	0.58	0.69	−12	+3	−5	−5	+7	−25	+7	−10	+5	−9	1	0.25
22867		04 55 09.05	−01 05 33.9	9.66		H	73.787 696 16	−01.092 738 49		8.70	61.18	−28.30	1.27	0.91	1.49	1.40	1.05	+16	+33	−11	+20	+17	−10	+10	+48	−13	+24	0	0.01
22868		04 55 09.60	−49 56 43.6	8.27	2	H	73.789 992 80	−49.945 430 84		1.15	29.62	−36.66	0.62	0.71	0.74	0.67	0.84	+3	−3	+4	+1	−1	+7	−2	+11	+11	+11	0	−0.76
22869		04 55 10.14	+51 36 16.7	7.05		H	73.792 267 04	+51.604 648 07		6.76	12.26	−23.08	0.84	0.69	0.95	1.16	0.75	−3	+13	−25	+16	−37	+18	−27	+37	+11	+5	0	−0.81
22870		04 55 10.53	−63 57 32.4	8.25		G	73.793 879 77	−63.958 988 55		5.35	−31.11	14.97	0.59	0.62	0.65	0.55	0.74	+4	+17	+2	−31	+13	−5	+11	−3	+3	+26	1	0.83
22871		04 55 11.14	−74 56 13.2	5.47	1	H	73.796 415 41	−74.937 002 32		4.58	27.60	61.88	0.45	0.46	0.47	0.45	0.56	+4	+11	−10	−26	−12	+11	−14	−10	−7	+8	1	−0.33
22872		04 55 11.34	+20 18 49.9	8.50		G	73.797 255 33	+20.313 855 69		2.30	7.65	−18.91	1.16	0.72	1.40	1.11	0.80	−6	+61	−37	−1	+17	−20	−9	+34	−26	+41	0	−0.40
22873		04 55 11.72	+52 27 49.1	8.76		H	73.798 847 81	+52.463 637 86		4.84	2.28	−17.51	1.10	0.91	1.37	1.49	1.06	−1	+24	−36	+12	−26	+6	−25	+22	−10	+18	0	−0.16
22874	H	04 55 13.89	+00 58 02.6	9.35		H	73.807 872 22	+00.967 398 44	A	4.91	−0.26	−6.95	6.81	4.33	6.38	7.07	5.47	−34	+24	−26	+2	+3	−4	−6	+17	−13	+48	1	1.62
22875		04 55 14.15	+11 45 16.8	8.48		H	73.808 970 93	+11.754 658 66		5.05	9.31	−2.45	1.42	1.02	1.56	1.87	1.25	+29	+11	−28	+30	+41	−22	+31	+70	−30	+37	2	0.25
22876		04 55 16.12	−04 20 22.1	9.62		H	73.817 176 03	−04.339 461 96		−1.94	−8.81	15.98	1.50	1.04	1.67	1.90	1.28	+11	+15	−14	+42	+12	−16	+6	+56	−28	+9	0	1.30
22877		04 55 16.40	+25 16 37.8	8.48		H	73.818 329 52	+25.277 180 34		4.42	6.90	−7.91	1.27	0.83	1.33	1.29	0.94	+19	+54	−3	+31	+20	−7	+10	+55	−13	+21	0	0.01
22878		04 55 16.68	+53 02 34.0	8.86		H	73.819 517 57	+53.042 773 72		0.01	−0.83	0.06	1.25	1.01	1.27	1.57	1.13	−21	−8	−10	+37	−56	−11	−55	+38	+8	−22	0	2.48
22879		04 55 17.20	+70 38 02.4	8.89		H	73.821 665 33	+70.634 001 33		12.27	132.86	−264.08	0.55	0.85	1.15	0.60	0.94	−9	+6	+6	+8	+8	+13	+8	+20	+12	−8	1	0.02
22880		04 55 18.53	+02 57 47.8	7.86		G	73.827 209 71	+02.963 289 01		7.49	5.16	−47.40	0.93	0.58	1.21	0.96	0.69	+6	+48	−22	+24	+23	+2	+6	+52	−29	+21	0	1.62
22881	H	04 55 18.64	−16 25 04.3	5.71		H	73.827 675 37	−16.417 855 25	*	11.30	11.79	36.48	1.55	0.90	0.82	0.80	0.59	−61	−2	+1	−5	−5	+31	+1	−20	−11	−31	2	−0.44
22882		04 55 19.37	−40 48 58.1	8.49		H	73.830 720 08	−40.816 144 91		1.26	3.71	−0.66	0.63	0.71	0.79	0.68	0.82	−16	+9	−22	−19	+0	+14	−4	+12	−9	+4	3	−0.29
22883		04 55 20.06	−39 45 31.7	8.76		H	73.833 590 60	−39.758 805 16		2.08	3.74	14.62	0.69	0.78	0.88	0.77	0.91	−6	+17	+1	−21	−5	+1	−4	+13	+11	−3	0	−0.30
22884		04 55 21.19	−34 50 37.1	8.23		H	73.838 278 84	−34.843 627 02		2.75	12.43	18.39	0.55	0.73	0.81	0.57	0.90	+0	+16	−7	−2	+3	+9	−1	+27	−3	+14	0	−1.30
22885		04 55 21.60	−67 26 11.3	11.20		G	73.840 006 34	−67.436 459 75		−0.06	3.73	−0.64	1.48	1.60	1.62	1.49	1.93	−10	+13	−6	−10	+0	+17	+0	−15	−7	−6	1	1.56
22886		04 55 22.06	+15 11 49.4	9.26		H	73.841 932 84	+15.197 051 41		7.68	40.08	−80.35	1.18	0.74	1.31	1.36	0.96	+25	+35	+6	−7	+5	+14	−5	+33	−2	+41	2	1.94
22887		04 55 22.15	+58 50 09.8	8.20		H	73.842 308 79	+58.836 068 65		2.33	11.42	−19.89	0.65	0.69	1.05	0.82	0.82	+21	+10	−21	+4	+6	−25	+1	−3	−3	+25	0	0.48
22888		04 55 22.28	−00 21 10.2	8.16		G	73.842 831 97	−00.352 828 49		2.74	−5.44	−7.30	0.97	0.66	1.17	1.05	0.78	+8	+34	−18	+28	+21	−6	+9	+55	−22	+25	2	0.71
22889		04 55 22.68	+05 38 10.7	8.36		G	73.844 491 80	+05.636 314 16		14.24	62.70	32.48	1.05	0.62	1.24	1.20	0.74	+6	+43	−15	+22	+12	−7	+1	+50	−21	+12	0	0.34
22890		04 55 23.86	−78 37 57.8	8.36		H	73.849 435 23	−78.632 714 85		1.63	22.55	−50.15	0.69	0.70	0.77	0.84	1.01	−11	+24	−11	−16	−4	−4	−2	−5	+12	−17	0	0.05
22891		04 55 24.92	−73 45 43.7	8.63		H	73.853 827 79	−73.762 131 81		6.99	−15.77	57.88	0.63	0.64	0.68	0.64	0.83	−7	+20	−3	−14	+4	+18	+5	−10	−4	−13	0	−0.18
22892		04 55 25.18	−39 45 16.7	7.88		H	73.854 911 49	−39.754 641 77		3.22	−2.73	75.34	0.61	0.62	0.74	0.70	0.73	−9	+7	−12	−14	−5	−4	−5	+0	+9	−6	0	−1.13
22893		04 55 26.24	+10 12 30.0	9.16		G	73.859 352 57	+10.208 320 68		9.66	56.84	−19.85	1.18	0.76	1.43	1.64	0.92	+7	+25	−23	+21	+17	+9	+11	+65	−29	+1	0	0.93
22894		04 55 28.13	+32 09 17.4	7.42		H	73.867 200 08	+32.154 841 49		1.46	7.30	−18.20	0.88	0.61	0.97	0.93	0.71	+19	+41	−9	−11	+12	−7	+1	+16	−13	+44	0	−0.70
*22895		04 55 28.33	−35 37 20.4	8.78		H	73.868 030 84	−35.622 327 48		6.39	19.28	12.78	0.57	0.71	0.81	0.62	0.82	−5	+16	−7	+6	−11	+24	−10	−7	+2	+1	0	−0.30
*22896		04 55 28.30	+67 32 51.6	7.77		H	73.867 929 21	+67.547 670 07		1.05	0.10	−29.86	0.51	0.63	0.89	0.62	0.74	+4	+14	+2	−8	+9	+2	+9	+7	+0	+3	0	0.78
22897		04 55 30.17	−25 43 40.1	6.71		G	73.875 714 50	−25.727 811 89		11.39	14.60	22.12	0.36	0.49	0.67	0.45	0.62	−5	+9	−7	−23	−4	−1	−4	−2	−9	−6	1	1.64
22898		04 55 30.45	+32 47 02.3	7.18		H	73.876 889 41	+32.783 972 25		5.39	−25.99	−11.67	0.88	0.60	1.01	0.84	0.63	−3	+47	−25	−1	+13	−6	+3	+10	−14	+22	3	1.52
22899		04 55 31.85	−18 34 12.3	10.63		G	73.882 690 99	−18.570 070 89		5.61	−56.80	−11.46	1.17	1.18	2.14	1.56	1.54	+3	+24	−8	+0	−15	+21	−22	−8	−36	−42	0	2.31
22900		04 55 32.46	−69 57 45.1	10.07		G	73.885 230 81	−69.962 523 19		0.41	1.04	0.95	1.13	1.13	1.19	1.30	1.57	+8	+2	−15	−21	−13	+22	−16	+3	+6	+26	0	1.67

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
22801	10.432	0.049	9.909	0.046		0.491	0.061	T	0.56	0.06	L	10.0940	0.0080	0.042	53		10.03	10.16					1							G
22802	10.940	0.074	9.999	0.053		0.817	0.070	T	0.84	0.05	L	10.2782	0.0054	0.023	39		10.25	10.32					1							G
22803	9.154	0.023	8.714	0.023		0.405	0.023	G	0.47	0.03	H	8.7615	0.0021	0.015	66		8.74	8.79		C			1							
22804	11.397	0.067	9.405	0.020		1.651	0.056	T	1.67	0.06	L	9.3191	0.0029	0.027	114		9.27	9.36					1							
22805	10.208	0.029	9.625	0.027		0.515	0.015	G	0.59	0.02	H	9.6994	0.0025	0.021	95		9.67	9.73					1							
22806	10.665	0.040	8.731	0.014		1.640	0.035	T	1.87	0.09	O	8.6356	0.0020	0.019	92		8.60	8.67		U			1							
22807	10.993	0.048	9.277	0.018		1.160	0.040	G	1.12	0.04	K	9.2834	0.0021	0.020	127		9.23	9.32					1							
22808	10.509	0.050	10.038	0.050		0.480	0.015	G	0.55	0.02	H	10.0578	0.0040	0.023	76		10.01	10.09		C			1							
22809	9.341	0.029	8.826	0.027		0.484	0.036	T	0.56	0.04	L	8.8854	0.0030	0.016	50		8.85	8.92		C			1							
22810	8.629	0.014	7.433	0.009		1.024	0.013	T	1.00	0.01	L	7.5036	0.0015	0.011	72		7.49	7.52					1							S
22811	10.367	0.026	9.168	0.016		1.026	0.024	T	1.00	0.02	L	9.2061	0.0015	0.021	145		9.17	9.24					1							
22812	7.050	0.006	6.579	0.006	*	0.458	0.003	G	0.53	0.00	H	*	6.6197	0.0007	0.005	77	*	6.61	6.63		D	04545−0314	I 1	2 C	A	AB	31	0.226	0.003	0.17	0.05	S
22813	9.939	0.016	8.227	0.008		1.429	0.014	T	1.42	0.02	L		8.2156	0.0010	0.017	173		8.19	8.25					1							
22814	9.147	0.015	8.730	0.015	*	0.394	0.019	T	0.46	0.02	L	*	8.6398	0.0017	0.014	101	*	8.62	8.67		D	04545−6025	I 1	2 C	A	AB	219	1.082	0.005	1.21	0.02	S
22815	9.985	0.019	8.558	0.010		1.205	0.017	T	1.16	0.02	L		8.5822	0.0017	0.021	178		8.55	8.62					1							S
22816	9.569	0.017	9.027	0.016		0.515	0.017	T	0.59	0.02	L		9.0754	0.0016	0.018	104		9.04	9.10		C			1							S
22817	8.556	0.011	8.010	0.010		0.533	0.015	G	0.61	0.02	H		8.0720	0.0011	0.011	95		8.06	8.09		C			1							
22818	8.339	0.010	8.096	0.010		0.228	0.002	G	0.25	0.00	H		8.1319	0.0020	0.014	93		8.11	8.16					1							S
22819	8.993	0.012	7.924	0.008		0.926	0.011	T	0.92	0.01	L		7.9888	0.0010	0.011	122		7.97	8.01		D			1							S
22820	9.680	0.014	9.102	0.013		0.540	0.017	T	0.61	0.02	L		9.1566	0.0019	0.022	211		9.11	9.19					1							
22821	10.745	0.038	10.268	0.037		0.753	0.015	G	0.80	0.01	H		10.3642	0.0040	0.045	157		10.26	10.46					1	X						G G
22822	9.234	0.012	7.880	0.007		1.147	0.011	T	1.11	0.01	L		7.9254	0.0010	0.013	152		7.90	7.95					1							S
22823	7.616	0.009	7.470	0.010		0.139	0.001	G	0.15	0.00	H		7.4856	0.0020	0.008	50		7.47	7.50					1							S
22824	8.743	0.009	8.099	0.008		0.580	0.010	G	0.65	0.01	H		8.1698	0.0014	0.014	151		8.14	8.20		C			1							S
22825	8.987	0.015	8.799	0.017		0.180	0.021	T	0.20	0.02	L		8.8606	0.0022	0.013	77		8.84	8.89		C			1							
22826	7.820	0.010	7.200	0.008		0.583	0.009	G	0.65	0.01	H		7.2531	0.0008	0.006	51		7.24	7.26					1							S
22827	10.461	0.052	9.043	0.027		1.000	0.040	G	0.98	0.03	R		9.0731	0.0027	0.014	50		9.05	9.09		C			1							
22828	8.529	0.013	7.938	0.011		0.541	0.015	G	0.61	0.02	H		8.0157	0.0012	0.010	79		8.00	8.03		C			1							S
22829	11.620	0.135	10.744	0.096		0.731	0.086	G	0.78	0.06	R		10.9460	0.0049	0.037	57		10.89	11.01		C			1							G
22830	9.441	0.030	9.145	0.034		0.281	0.043	T	0.32	0.05	L		9.1598	0.0024	0.020	83		9.13	9.19		C			1							
22831	8.455	0.017	8.226	0.019		0.218	0.024	T	0.24	0.03	L		8.2783	0.0020	0.013	49		8.25	8.30		C			1							S
22832	9.866	0.028	9.488	0.030		0.369	0.035	T	0.43	0.04	L		9.5418	0.0020	0.018	90		9.51	9.58		C			1							
22833	5.332	0.004	5.198	0.004		0.121	0.005	T	0.14	0.01	L		5.2269	0.0006	0.005	65		5.22	5.24		C			1							S
22834	6.896	0.005	5.465	0.003		1.214	0.008	G	1.16	0.04	E		5.4968	0.0005	0.005	89		5.49	5.51		C			1							S
22835	8.993	0.012	8.501	0.012		0.474	0.013	T	0.55	0.01	L		8.5588	0.0019	0.022	102		8.53	8.61					1							S
22836	9.585	0.013	8.352	0.008		1.053	0.012	T	1.02	0.01	L		8.4110	0.0015	0.017	196		8.38	8.44					1							S
22837	10.504	0.028	9.317	0.017		1.017	0.026	T	0.99	0.02	L		9.3623	0.0066	0.060	147		9.29	9.46		U 2 C			1							
22838	8.271	0.014	8.040	0.015		0.402	0.015	G	0.47	0.02	H		8.1012	0.0027	0.014	54		8.07	8.12					1							
22839	9.109	0.014	8.618	0.014		0.462	0.018	T	0.53	0.02	L		8.6619	0.0024	0.020	90		8.63	8.69					1							S
22840	5.828	0.003	5.963	0.004		−0.116	0.004	T	−0.10	0.01	L		5.9461	0.0009	0.005	69		5.94	5.96		C			1							S
22841	9.998	0.028	8.664	0.016		1.132	0.025	T	1.10	0.03	L		8.6976	0.0016	0.015	81		8.67	8.73					1							
22842	6.018	0.005	6.056	0.006		−0.032	0.007	T	−0.01	0.01	L		6.0561	0.0007	0.006	53		6.05	6.07		C			1							S
22843	12.051	0.281	10.193	0.072		1.545	0.230	T	1.61	0.50	L		10.1638	0.0025	0.028	43		10.11	10.23		D			1							G
22844	6.624	0.004	6.164	0.004		0.442	0.008	G	0.51	0.01	H		6.2113	0.0008	0.006	98		6.20	6.22		C			1							S
22845	4.760	0.003	4.665	0.003		0.085	0.004	G	0.11	0.03	C		4.6861	0.0005	0.004	87		4.68	4.69		C	04548+1009	I 1	1							S
22846	7.373	0.008	7.152	0.007		0.211	0.010	T	0.23	0.01	L		7.1865	0.0011	0.007	73		7.18	7.20		C			1							S
22847	7.941	0.008	6.260	0.004		1.423	0.006	G	1.47	0.04	E		6.2400	0.0011	0.011	113		6.22	6.25					1							S
22848	7.006	0.008	6.815	0.007	*	0.150	0.015	G	0.17	0.01	H	*	6.9111	0.0015	0.011	94	*	6.90	6.97		U 2	04549+0836	I 1	2 C	A	AB	340	1.833	0.004	2.04	0.02	S
22849	10.844	0.058	11.140	0.119		0.039	0.009	G	0.05	0.01	H		10.8640	0.0044	0.033	86		10.80	10.92					1							G
22850	6.700	0.005	6.389	0.006		0.292	0.012	G	0.33	0.02	A		6.4303	0.0010	0.007	60		6.42	6.44		C			1							S
22851	10.347	0.050	9.756	0.047		0.552	0.061	T	0.62	0.06	L		9.7373	0.0042	0.028	50		9.69	9.76					1							
22852						0.570	0.015	G	0.64	0.01	H		12.5391	0.0110	0.067	67		12.46	12.73					1							D
22853	8.408	0.011	7.599	0.009	*	0.848	0.001	G	0.86	0.00	H	*	7.6150	0.0010	0.008	71	*	7.60	7.63		D	04550+1436	H 1	2 C	S A	AB	310	0.144	0.006	0.47	0.32	S
22854	5.541	0.003	5.525	0.003		0.015	0.004	T	0.03	0.00	L		5.5351	0.0007	0.005	90		5.52	5.54		C	04551+5516	I 1	1 G							S
22855	10.366	0.045	9.649	0.038		0.659	0.048	T	0.72	0.04	L		9.6852	0.0041	0.020	52		9.65	9.72		C			1							
22856	8.776	0.024	8.524	0.029	*			T			*		8.6154	0.0018	0.013	74	−	8.59	8.64		D	04551−0033	I 1	3 C	B						G
22857	10.447	0.037	9.625	0.029		0.741	0.036	T	0.79	0.03	L		9.7424	0.0019	0.021	92		9.71	9.77		C			1							
22858						1.110	0.000	G	1.19	0.00	I		11.1457	0.0047	0.034	95		11.07	11.23		C			1							G
22859	9.998	0.021	8.445	0.010		1.304	0.018	T	1.26	0.02	L		8.4806	0.0016	0.015	128		8.46	8.51		C			1							
22860	6.887	0.003	5.801	0.002		0.953	0.003	G	0.91	0.04	E		5.8663	0.0005	0.007	189		5.86	5.88					1							S
22861	8.126	0.009	7.983	0.009		0.110	0.015	G	0.12	0.01	H		8.0254	0.0012	0.011	114		8.01	8.05		C			1							S
22862	9.903	0.022	8.552	0.012		1.145	0.020	T	1.11	0.02	L		8.5848	0.0018	0.015	103		8.56	8.62					1							
22863	10.772	0.060	8.527	0.018		1.896	0.052	T	3.05	0.07	O		8.1701	0.0056	0.047	45		8.10	8.25		U 2			1	S						P
22864	10.772	0.081	10.011	0.062		0.679	0.077	T	0.74	0.06	L		10.0336	0.0032	0.019	42		10.00	10.06		C			1							G
22865	7.603	0.007	7.619	0.008		−0.018	0.002	G	0.00	0.00	H		7.6264	0.0014	0.013	140		7.61	7.65					1							S
22866	8.917	0.012	7.658	0.007		1.073	0.011	T	1.04	0.01	L		7.7036	0.0013	0.012	105		7.68	7.73		C			1							S
22867	10.283	0.043	9.703	0.040		0.542	0.052	T	0.62	0.06	L		9.7806	0.0031	0.021	75		9.75	9.81		C			1							
22868	10.509	0.034	8.457	0.012		1.699	0.029	T	1.72	0.03	L		8.3777	0.0059	0.062	102		8.28	8.57		U 2			1							
22869	7.116	0.008	7.047	0.009		0.069	0.011	T	0.08	0.01	L		7.0777	0.0012	0.010	66		7.06	7.10		C			1							S
22870	8.804	0.011	8.297	0.011		0.498	0.001	G	0.57	0.00	H		8.3624	0.0015	0.012	103		8.35	8.39		C			1							S
22871	7.453	0.007	5.637	0.003		1.518	0.001	G	1.53	0.02	L		5.5916	0.0009	0.007	108		5.58	5.60		M			1							S
22872	8.899	0.015	8.554	0.016		0.340	0.020	G	0.40	0.03	H		8.5845	0.0023	0.011	60		8.57	8.60		C			1							
22873	10.626	0.054	8.897	0.023		1.442	0.046	T	1.44	0.07	L		8.8964	0.0025	0.017	65		8.87	8.94		C			1							
22874	9.654	0.032	9.269	0.034	*	0.364	0.044	T	0.43	0.05	L	*	9.4349	0.0031	0.023	76	*	9.40	9.47		R	04552+0058	I 1	2 C	A	AB	139	6.147	0.023	0.23	0.04	
22875	9.966	0.032	8.641	0.019		1.125	0.029	T	1.09	0.03	L		8.6530	0.0021	0.013	64		8.62	8.68					1							
22876	10.781	0.065	9.701	0.039		0.934	0.058	T	0.93	0.04	L		9.7876	0.0032	0.021	65		9.75	9.82		C			1							
22877	8.845	0.017	8.503	0.018		0.324	0.023	T	0.38	0.03	L		8.5576	0.0022	0.016	51		8.53	8.58		C			1							
22878	8.897	0.016	8.875	0.021		0.025	0.024	T	0.04	0.02	L		8.8753	0.0023	0.016	71		8.83	8.91					1							
22879	9.557	0.012	8.938	0.011		0.570	0.015	G	0.64	0.01	H		9.0142	0.0018	0.026	227		8.97	9.05					1							
22880	8.273	0.013	7.921	0.011		0.382	0.015	G	0.45	0.02	H		7.9539	0.0007	0.011	79		7.93	7.97		D			1							S
22881	6.803	0.004	5.815	0.003	*	0.874	0.002	G	0.88	0.04	E	*	5.8703	0.0006	0.008	171	*	5.86	5.89		D	04553−1625	H 1	2 C	B	AB	155	0.213	0.042	3.10	0.34	S
22882	10.366	0.027	8.605	0.012		1.468	0.023	T	1.48	0.03	L		8.6167	0.0017	0.019	128		8.59	8.65					1							
22883	9.942	0.023	8.846	0.015		0.947	0.021	T	0.94	0.01	L		8.9219	0.0019	0.017	108		8.89	8.95		C			1							
22884	9.582	0.017	8.339	0.011		1.061	0.016	T	1.03	0.01	L		8.3981	0.0013	0.014	139		8.37	8.43					1							
22885	11.178	0.069	11.291	0.131		0.149	0.013	G	0.16	0.01	H		11.2570	0.0056	0.044	94		11.17	11.33		C			1							G
22886	9.997	0.031	9.309	0.026		0.635	0.033	T	0.70	0.03	L		9.3877	0.0016	0.014	67		9.36	9.41		D			1							
22887	9.722	0.018	8.341	0.011		1.169	0.017	T	1.13	0.01	L		8.3639	0.0017	0.013	113		8.34	8.39					1							
22888	8.174	0.012	8.140	0.014		0.020	0.000	G	0.04	0.00	H		8.1796	0.0014	0.010	75		8.16	8.20		C			1							S
22889	9.082	0.016	8.430	0.015		0.599	0.015	G	0.67	0.01	H		8.4894	0.0015	0.011	81		8.47	8.51		C			1							
22890	9.721	0.022	8.471	0.013		1.066	0.020	T	1.03	0.02	L		8.5237	0.0015	0.014	99		8.50	8.55		C			1							
22891	9.104	0.012	8.672	0.012		0.408	0.016	T	0.47	0.02	L		8.7215	0.0016	0.016	121		8.69	8.75					1							
22892	9.258	0.016	8.006	0.010		1.068	0.015	T	1.03	0.01	L		8.0501	0.0012	0.013	109		8.03	8.08		C			1							S
22893	9.799	0.028	9.223	0.026		0.543	0.001	G	0.62	0.00	H		9.2647	0.0012	0.013	84		9.24	9.29					1							
22894	7.796	0.010	7.459	0.009		0.320	0.013	T	0.37	0.02	L		7.4952	0.0013	0.009	62		7.48	7.51					1							S
22895	9.202	0.014	8.814	0.014		0.379	0.017	T	0.44	0.02	L		8.8650	0.0016	0.017	126		8.83	8.89		C			1							
22896	9.981	0.021	8.016	0.009		1.630	0.018	T	1.65	0.02	L		7.8832	0.0016	0.018	171		7.85	7.91					1							
22897	7.024	0.003	6.723	0.004		0.271	0.008	G	0.31	0.01	H		6.7735	0.0007	0.009	206		6.76	6.79					1							S
22898	8.670	0.016	7.325	0.010		1.140	0.015	T	1.10	0.02	L		7.3459	0.0015	0.010	57		7.33	7.36					1							S
22899	11.397	0.076	10.677	0.065		0.739	0.015	G	0.79	0.01	H		10.7956	0.0030	0.039	139		10.74	10.87		C			1							G
22900	10.639	0.041	10.131	0.041		0.488	0.019	G	0.54	0.02	A		10.1708	0.0044	0.034	88		10.11	10.22					1							G

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ α* 19	π α* 20	π δ 21	$\mu_{\alpha*}$ α* 22	$\mu_{\alpha*}$ δ 23	$\mu_{\alpha*}$ π 24	μ_δ α* 25	μ_δ δ 26	μ_δ π 27	μ_δ $\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
22901		04 55 33.27	+42 07 21.1	8.32		H	73.888 613 11	+42.122 540 30		3.37	8.17	−9.52	0.99	0.76	1.12	1.16	0.85	+27	+31	−7	−6	+1	−21	−4	+0	−11	+25	0	2.24
22902		04 55 33.91	−11 22 52.8	8.83		H	73.891 309 53	−11.381 334 51		5.13	19.25	−13.74	0.88	0.72	1.15	0.92	0.80	−30	+28	−14	+33	−39	+3	−40	+13	−5	−31	0	1.14
22903		04 55 34.61	+27 12 09.0	7.33		H	73.894 192 86	+27.202 486 40		5.51	−35.99	−26.88	0.98	0.73	1.00	1.30	1.00	−4	+2	+3	−20	+42	+26	+42	+2	−23	−9	0	−0.98
22904		04 55 36.84	+00 26 08.7	8.89	1	H	73.903 508 97	+00.435 742 81		2.08	1.09	5.72	1.24	0.84	1.55	1.44	0.99	−3	+36	−40	+25	+21	−15	−1	+58	−39	+24	2	−0.18
22905		04 55 38.42	−23 14 31.9	7.49		H	73.910 101 73	−23.242 195 39		26.31	−66.24	129.96	0.47	0.56	0.82	0.57	0.69	−2	+9	−14	−33	−7	+6	−10	−3	−4	+9	0	0.24
22906		04 55 41.56	+20 00 10.5	7.98		G	73.923 169 48	+20.002 921 46		28.08	173.92	−316.93	1.00	0.63	1.13	0.99	0.70	+10	+53	−19	−8	+3	−18	−9	+16	−13	+39	0	0.32
22907		04 55 41.79	−28 33 48.1	8.13		G	73.924 107 20	−28.563 361 16		55.67	187.57	−227.55	0.56	0.68	0.90	0.64	0.83	−1	+8	−13	−15	−1	+10	+0	+9	−10	+0	0	1.26
22908		04 55 45.55	−02 20 16.1	8.39		H	73.939 805 05	−02.337 793 84		9.14	28.44	13.80	1.20	0.83	1.30	1.31	0.97	+7	+34	−22	+48	+7	+0	+1	+61	−16	+20	0	0.00
22909		04 55 45.61	−07 53 37.7	7.97		H	73.940 034 19	−07.893 807 45		4.46	−4.12	0.80	0.77	0.74	1.09	1.11	0.85	−5	+15	−52	+19	−12	+16	−5	+21	−8	+20	0	1.55
22910		04 55 45.84	+30 33 04.5	7.03	1	H	73.941 014 07	+30.551 251 15		6.93	1.71	−24.24	0.85	0.61	0.95	1.05	0.69	+6	+27	−21	+19	+3	−21	+0	+28	+2	+18	0	1.58
22911		04 55 49.89	−30 19 15.8	8.87		H	73.957 893 46	−30.321 057 99		0.97	1.14	−10.34	0.69	0.92	1.15	0.71	1.15	−4	+0	−23	+2	+3	+8	+2	+35	−30	+5	0	0.38
22912		04 55 49.96	−27 42 16.4	8.46	2	H	73.958 149 83	−27.704 543 73		1.65	5.98	−15.59	0.64	0.79	1.09	0.85	0.98	−14	+1	−6	−7	−3	+26	−2	−2	−9	−11	1	−1.14
22913		04 55 50.16	+15 02 25.1	5.79		H	73.958 983 57	+15.040 306 39		7.71	−4.54	−11.54	0.78	0.50	0.87	0.85	0.62	+29	+36	+6	−1	+7	+17	−2	+32	−4	+43	0	2.53
22914		04 55 52.16	+13 37 51.3	7.80		H	73.967 345 53	+13.630 925 99		2.73	2.69	−5.90	0.99	0.74	1.18	1.35	1.03	+44	+16	−19	+20	+32	−19	+16	+57	−39	+61	0	2.14
22915		04 55 52.45	+43 09 20.5	8.27		G	73.968 531 21	+43.155 687 94		11.89	−7.84	−46.88	1.00	0.78	1.24	1.15	0.94	+9	+40	−28	+1	+11	−21	−7	+20	−29	+38	0	−0.16
22916		04 55 53.95	+07 24 15.1	8.99		H	73.974 809 94	+07.404 205 90		7.47	−3.42	−8.60	1.12	0.72	1.29	1.49	0.84	−6	+25	−32	+3	+30	+3	+20	+49	−32	−5	0	0.30
22917	H	04 55 54.67	+45 02 05.1	7.89		H	73.977 791 53	+45.034 754 41	*	2.59	−5.48	−1.56	2.16	1.40	1.37	1.40	0.87	−45	+40	−26	+28	−41	+18	−49	+58	−50	−20	1	0.07
22918		04 55 55.08	+22 16 19.1	9.57		H	73.979 492 03	+22.271 970 88		7.32	34.94	−67.84	1.43	1.02	1.59	1.83	1.23	+18	+33	−19	+0	−11	−7	−9	+1	+6	+34	5	0.09
22919		04 55 55.80	+04 40 15.1	7.02		H	73.982 511 74	+04.670 872 96		27.78	134.42	−183.50	0.79	0.51	0.90	1.04	0.62	+13	+31	−12	+24	+22	+6	+16	+50	−22	−2	0	−0.85
22920		04 55 55.85	+27 50 08.1	8.70		H	73.982 724 81	+27.835 594 52		6.48	31.44	−88.45	1.18	0.90	1.22	2.25	1.61	−8	+19	−8	−1	+15	+20	+20	+13	−8	−48	0	0.21
22921	H	04 55 56.65	−30 51 29.3	10.02		G	73.986 055 24	−30.858 131 01	*	22.95	102.74	−209.62	2.19	2.51	2.13	1.75	1.97	+4	+10	+7	−12	−2	+5	−5	+3	−16	+3	1	−0.16
22922	H	04 55 58.24	+56 18 52.7	8.67		H	73.992 662 87	+56.314 643 97	*	6.25	5.81	2.07	1.02	0.95	1.71	1.07	1.01	−34	+52	−52	+13	−23	+13	−31	+33	−29	−5	0	1.00
22923		04 55 58.36	+05 23 56.6	6.50		H	73.993 175 16	+05.399 058 15		6.66	−18.89	−13.98	0.72	0.49	0.84	0.85	0.57	+12	+29	−27	+29	+18	−6	+10	+53	−20	+24	0	0.07
22924		04 55 58.55	−14 52 26.7	7.64		H	73.993 972 13	−14.874 090 54		5.58	19.19	46.27	0.64	0.55	0.89	0.79	0.66	−18	+27	−8	+18	−12	+5	−17	+12	−18	−39	0	−2.12
22925		04 55 59.38	+30 34 01.7	9.23	3	H	73.997 435 03	+30.567 143 05		6.58	0.17	−21.69	1.77	1.15	1.92	2.24	1.28	−27	+25	−32	+35	−18	−25	−24	+28	+1	−11	0	−0.04
22926		04 56 01.03	+01 37 30.3	6.88		G	74.004 274 94	+01.625 084 34		12.45	6.24	43.63	0.91	0.55	1.04	1.06	0.64	−2	+39	−14	+23	+11	−19	+2	+47	−12	+8	0	−2.05
22927		04 56 03.00	+11 14 34.4	8.56		G	74.012 515 14	+11.242 875 67		7.20	−11.89	−2.69	1.14	0.81	1.35	1.49	0.98	+22	+20	−37	+27	+40	−20	+27	+74	−37	+31	0	0.39
22928		04 56 03.37	+43 29 36.6	7.40	2	H	74.014 047 45	+43.493 509 04		3.71	−7.21	−25.31	0.97	0.65	1.22	1.05	0.80	−4	+41	−15	+21	−9	−10	−26	+51	−45	+5	0	−0.47
22929	H	04 56 04.11	−03 54 12.5	8.25		H	74.017 113 15	−03.903 468 47	A	1.27	−2.59	5.91	1.64	1.13	1.50	1.78	1.16	+25	+11	−18	+38	+18	−33	+9	+46	−28	+25	1	0.30
22930		04 56 04.51	−10 09 37.9	8.92	2	H	74.018 795 96	−10.160 515 68		3.76	10.28	2.76	0.87	0.84	1.26	0.97	0.87	−18	+32	−42	+17	−44	+23	−38	−6	−1	−13	4	0.91
22931		04 56 04.89	−05 19 22.2	7.86		G	74.020 357 33	−05.322 839 99		5.95	−2.75	−1.16	0.97	0.62	1.14	1.46	0.85	−17	+29	−18	+12	−4	+27	−6	+35	−36	−40	0	0.29
22932		04 56 05.16	−52 32 50.2	8.75		H	74.021 514 01	−52.547 290 06		1.75	−3.04	5.42	0.72	0.83	0.85	0.82	1.09	−7	−6	+19	+5	−13	+0	−13	−7	−17	+8	1	−0.41
22933		04 56 05.41	−64 34 51.7	9.05		H	74.022 532 35	−64.581 035 07		16.61	−48.81	45.75	0.68	0.73	0.76	0.57	0.89	+2	+20	−1	−45	+17	−10	+15	−8	+2	+33	0	0.40
22934		04 56 06.24	+01 16 59.3	8.85		H	74.026 018 90	+01.283 125 43		6.16	−2.39	22.46	1.29	0.80	1.45	1.58	0.94	+7	+36	−13	+8	+2	−19	−3	+39	−10	+12	0	−1.06
22935		04 56 06.61	+22 34 36.1	7.16		H	74.027 543 84	+22.576 687 55		7.06	39.12	−52.62	0.91	0.64	1.02	1.40	0.84	+18	+20	−30	+0	−29	+15	−20	−2	+12	+48	0	1.03
22936		04 56 07.08	+52 52 11.0	5.75		H	74.029 486 87	+52.869 717 17		6.82	−2.59	18.06	0.79	0.64	0.84	1.12	0.78	+10	+3	−17	+30	−26	−5	−21	+27	+9	+24	0	−0.07
22937		04 56 08.28	−53 51 24.7	9.21		H	74.034 506 97	−53.856 861 89		1.74	−20.23	−17.06	0.74	0.81	0.83	0.79	0.99	−4	−6	+4	+1	−5	−15	−5	−19	−1	−2	0	2.16
22938		04 56 09.02	+07 54 17.3	6.42		H	74.037 602 10	+07.904 800 28		17.02	−92.81	−42.94	0.91	0.53	1.10	1.07	0.63	−4	+42	−28	+22	+15	+20	+3	+59	−38	−5	0	0.49
22939		04 56 09.42	−38 56 25.8	7.92		H	74.039 257 28	−38.940 493 67		1.38	−1.32	−11.54	0.53	0.69	0.72	0.55	0.79	+0	+7	−18	−13	+12	−6	+9	+5	−5	+15	0	−1.10
22940		04 56 10.61	+02 56 05.6	8.43		G	74.044 192 63	+02.934 887 48		25.50	150.61	−291.00	1.03	0.66	1.27	1.10	0.79	+11	+46	−12	+17	+21	+4	+7	+47	−24	+17	0	−0.20
22941		04 56 10.92	+02 02 36.7	7.68		H	74.045 516 26	+02.043 533 63		6.73	12.31	−1.78	0.91	0.58	1.10	1.08	0.69	+8	+34	−19	+31	+14	−11	+3	+53	−26	+11	0	0.12
22942		04 56 10.98	+13 58 32.1	8.81		H	74.045 732 84	+13.975 587 64		13.56	107.20	−71.78	1.27	0.99	1.43	1.58	1.29	+36	+9	−27	+32	+38	−20	+23	+66	−37	+57	3	2.52
22943	H	04 56 12.02	−03 31 23.6	10.29		H	74.050 071 13	−03.523 211 02	*	−0.37	3.02	4.62	1.51	1.07	1.69	1.96	1.28	+13	+5	−15	+39	+7	−17	+3	+45	−26	+6	0	0.25
22944		04 56 12.60	−17 44 10.6	7.37		H	74.052 503 77	−17.736 271 74		3.75	0.22	−5.40	0.69	0.57	0.93	0.79	0.72	−32	+36	−26	+34	−28	+1	−29	+12	−22	−23	0	2.59
22945		04 56 13.07	−68 19 23.5	8.62		H	74.054 449 43	−68.323 200 22		2.13	−3.63	−24.43	0.68	0.77	0.75	0.75	0.97	−7	+10	−2	−8	−10	+6	−10	−9	+9	−25	0	−0.70
22946	H	04 56 14.15	+03 10 33.0	7.32		H	74.058 966 97	+03.175 846 71	A	5.65	−2.68	−4.30	2.63	1.86	2.26	2.01	1.56	−13	+25	−12	+8	+21	−4	+7	+28	−29	+54	1	0.20
22947		04 56 14.18	+21 34 20.7	7.35		G	74.059 081 51	+21.572 407 43		7.69	22.56	−24.52	0.84	0.63	0.93	1.14	0.75	+20	+16	−24	+7	+18	−13	+12	+22	−15	+25	0	0.06
22948		04 56 14.74	+47 26 27.0	8.77		H	74.061 400 02	+47.440 823 54		2.80	−1.10	−2.44	1.03	0.73	1.08	1.41	0.82	+34	+11	−9	−26	−38	+14	−34	+19	−1	+40	0	0.44
22949		04 56 15.59	+24 35 32.1	6.33		H	74.064 966 36	+24.592 252 91		23.15	−22.30	−14.19	0.81	0.56	0.88	0.95	0.68	+13	+41	+0	+6	−4	+5	+0	+22	+10	+18	0	−0.67
22950		04 56 16.75	−56 25 36.1	7.55		H	74.069 792 74	−56.426 698 37		3.74	6.68	36.52	0.57	0.51	0.60	0.60	0.52	+7	−3	+5	−16	−2	+17	−3	−24	+3	+6	0	1.16
22951	H	04 56 16.87	+52 05 52.2	7.92		G	74.070 307 02	+52.097 829 04	*	10.15	32.28	−39.64	2.53	7.77	1.39	1.96	1.48	+58	+0	+2	+2	+4	+8	+2	+7	−3	+48	0	−0.63
22952		04 56 17.96	−21 13 01.5	10.91	3	H	74.074 832 45	−21.217 083 81		3.16	41.43	−61.32	1.13	1.26	1.90	1.25	1.63	+7	+15	−27	−8	−24	+8	−26	+3	−22	−29	0	−1.35
22953		04 56 18.14	−51 02 49.9	8.26		H	74.075 592 12	−51.047 186 63		19.05	182.31	−134.63	0.61	0.67	0.69	0.73	0.93	+14	+14	+14	+13	−13	+4	−15	−13	−14	+23	0	−0.23
22954	H	04 56 18.96	−01 52 12.5	8.79		G	74.078 992 05	−01.870 148 91	A	5.52	−5.83	−12.11	1.65	1.22	1.70	1.76	1.32	+8	+24	−34	+41	+20	−9	+11	+55	−20	+34	1	−0.81
22955		04 56 20.09	+36 10 06.8	6.10	1	H	74.083 695 22	+36.168 546 50		0.28	0.12	−3.86	0.75	0.57	0.86	0.73	0.58	+22	+41	−20	+11	+12	−12	+3	+17	−14	+34	3	0.63
22956		04 56 22.06	−11 03 06.5	8.72		H	74.091 915 23	−11.051 818 65		5.72	16.21	−6.52	0.80	0.68	1.14	0.92	0.80	−12	+25	−16	+21	−21	+16	−25	−2	−28	−19	4	0.77
22957		04 56 22.32	+13 30 52.5	4.06		G	74.093 004 49	+13.514 577 55		19.26	−77.77	−45.97	0.98	0.72	1.05	1.53	1.09	+49	+11	−11	+8	+17	−13	+2	+44	−19	+74	0	1.30
22958	H	04 56 24.19	−05 10 16.9	5.50		H	74.100 788 52	−05.171 350 66	A	4.41	−5.67	−2.32	1.25	0.79	1.29	1.80	0.97	−26	+30	−2	+17	−7	+40	−15	+17	−34	−56	1	0.76
22959		04 56 24.77	−63 32 47.9	8.84		H	74.103 219 42	−63.546 637 97		2.46	12.27	38.80	0.75	0.77	0.79	0.77	0.95	+2	+5	+3	−26	+12	+3	+9	+6	+4	+18	0	1.43
22960		04 56 24.79	−07 01 23.1	8.17		H	74.103 290 44	−07.023 082 11		6.53	7.07	−48.58	0.94	0.77	1.23	1.15	0.83	−2	+2	−50	+54	+1	−18	−5	+37	−20	+18	0	−1.64
22961		04 56 26.00	+64 24 10.2	8.77		H	74.108 335 29	+64.402 834 69		27.07	38.22	−64.73	0.62	0.64	0.99	0.68	0.74	−3	+10	−9	−2	+15	−3	+13	+13	+8	+13	4	−0.80
22962		04 56 26.27	−15 22 50.8	7.66		H	74.109 457 11	−15.380 781 61		5.14	2.54	11.62	0.64	0.53	0.86	0.74	0.60	−24	+28	−19	+16	−19	+14	−20	+4	−10	−43	1	−0.42
22963		04 56 26.59	−23 17 17.0	8.06		H	74.110 774 03	−23.288 048 27		6.17	−1.57	47.15	0.51	0.68	0.97	0.64	0.82	−10	+12	−18	−32	−3	+7	−7	−6	−1	+12	0	−0.56
22964		04 56 29.01	+29 59 41.9	9.78		G	74.120 890 92	+29.994 969 01		5.83	4.69	−3.56	1.62	1.23	1.87	2.20	1.52	+17	+19	−38	−9	−21	+7	−20	−4	+12	+53	0	0.03
22965		04 56 30.63	+46 27 03.8	8.63		H	74.127 640 00	+46.451 051 58		7.80	−28.21	−6.10	1.11	0.72	1.28	1.45	0.83	+9	+5	−19	+3	−25	+29	−28	+48	−10	+28	0	0.57
22966		04 56 31.42	+40 10 09.1	8.11		H	74.130 919 33	+40.169 192 50		1.21	0.14	−2.28	1.04	0.86	1.24	1.18	0.88	+22	+28	−39	+22	+31	−21	+18	+42	−17	+45	0	0.68
22967		04 56 31.54	+15 48 50.2	9.26		H	74.131 405 61	+15.813 936 48		6.27	49.86	−44.20	1.31	0.76	1.47	1.55	0.98	+24	+46	+11	+2	−9	+10	−16	+34	−10	+29	0	−0.72
22968		04 56 32.53	−53 01 38.4	7.89		H	74.135 541 29	−53.027 331 57		2.95	6.55	−18.22	0.61	0.61	0.65	0.61	0.75	−7	−15	+9	−4	−17	+0	−22	+11	+1	+4	0	−0.18
22969		04 56 33.03	−31 42 24.7	8.91		H	74.137 624 81	−31.706 864 80		0.21	23.46	20.42	0.67	0.82	1.10	0.81	1.18	+0	+7	−6	+11	−2	+6	+0	−9	−21	+13	0	0.21
22970		04 56 33.56	+21 33 37.0	9.30		H	74.139 842 56	+21.560 290 93		6.14	−3.63	−6.34	1.36	0.99	1.53	1.85	1.17	+15	+14	−28	+8	+22	−15	+14	+30	−18	+25	0	−0.74
22971		04 56 34.87	−43 25 57.0	7.92	2	H	74.145 279 37	−43.432 488 19		2.04	−1.32	−2.18	0.64	0.75	0.79	0.77	1.02	−7	+18	+6	+5	+3	+13	+3	−2	+2	−11	0	−1.58
22972		04 56 35.70	+23 17 45.4	7.51		H	74.148 745 60	+23.295 956 08		14.72	75.58	−105.55	1.11	0.68	1.28	1.60	1.08	+34	+19	−22	−35	−12	+37	−26	−1	+15	+77	0	0.13
22973		04 56 36.64	+72 57 04.2	9.89		G	74.152 677 13	+72.951 172 00		15.17	−142.81	189.96	0.83	1.07	1.39	0.82	1.16	−12	+14	−15	+5	+3	+3	+3	+9	+0	−7	1	1.02
22974		04 56 37.12	−70 46 56.3	8.62		H	74.154 665 78	−70.782 293 86		3.86	12.12	39.73	0.93	0.82	0.92	1.00	1.05	+15	+13	−8	−36	−24	+27	−21	−12	+10	+8	3	1.53
22975	H	04 56 38.74	−51 27 07.5	8.01		H	74.161 414 79	−51.452 072 56	A	4.88	11.82	14.18	0.94	1.08	0.99	0.99	1.31	+0	+10	+23	+28	−3	+12	−8	+0	−9	+2	3	0.08
22976		04 56 39.34	−49 50 46.8	8.75		H	74.163 911 96	−49.846 323 86		4.08	15.30	14.14	0.69	0.75	0.79	0.83	0.97	+3	+5	+10	+3	−13	+2	−15	−7	−2	+3	0	1.31
22977		04 56 40.81	−42 45 44.5	8.73		H	74.170 029 86	−42.762 373 25		6.19	2.12	16.36	0.70	0.82	0.85	0.70	1.02	−12	+12	−3	−25	+7	+0	+7	−30	−2	−10	1	−0.62
22978		04 56 42.71	+47 20 24.5	8.81		H	74.177 974 01	+47.340 137 63		1.33	−2.33	−2.20	1.01	0.76	1.08	1.37	0.84	+20	+6	−10	−5	−35	+0	−31	+30	−4	+27	2	1.87
22979	H	04 56 42.83	+39 17 23.6	9.09	2	H	74.178 454 84	+39.289 879 18	B	2.02	−5.05	−8.28	4.96	3.36	2.88	3.61	3.36	−2	+9	−9	+6	+19	−10	+8	+33	−2	+51	0	1.01
22980		04 56 43.11	−62 27 08.9	8.18		H	74.179 618 23	−62.452 477 93		1.45	6.84	−13.08	0.60	0.69	0.65	0.65	0.77	−15	+18	−4	+19	−22	+5	−23	+20	−8	−29	0	−0.36
22981		04 56 43.28	+54 40 18.7	11.02		H	74.180 327 53	+54.671 852 41		0.83	10.46	−14.58	1.85	1.65	2.36	2.09	1.75	+2	+16	−26	+8	−4	−5	−10	+27	−16	+21	7	−0.99
22982		04 56 43.33	+36 07 11.5	9.77		H	74.180 522 04	+36.119 857 63		1.38	0.55	−5.88	1.35	0.99	1.60	1.49	1.07	−5	+43	−35	+14	+5	−8	+1	+21	−5	+8	3	0.95
22983		04 56 43.54	−46 32 05.3	7.98		H	74.181 410 68	−46.534 807 37		2.53	−0.38	−20.69	0.63	0.70	0.75	0.73	0.91	−14	+8	+3	−1	−12	+14	−14	+0	+11	−10	1	−1.01
22984		04 56 43.79	+08 49 20.7	7.49		H	74.182 459 45	+08.822 406 17		6.34	19.75	0.25	0.83	0.52	0.95	1.01	0.60	+6	+21	−26	+22	+19	−13	+9	+59	−27	+13	0	0.01
22985		04 56 44.73	−04 46 51.9	7.96		G	74.186 373 97	−04.781 090 51		5.93	−3.82	−1.90	0.91	0.59	0.99	1.10	0.71	−7	+25	−8	+31	−7	−3	−10	+33	−11	−9	0	2.51
22986		04 56 45.42	−48 25 49.6	9.44		H	74.189 246 85	−48.430 457 51		7.19	14.72	79.58	0.80	0.92	0.96	0.85	1.09	+1	+6	−5	+1	−15	+3	−15	−14	−14	+11	0	−0.76
22987		04 56 46.16	+01 50 44.8	8.77		H	74.192 323 28	+01.845 788 31		2.65	−5.02	−7.01	1.21	0.75	1.37	1.48	0.89	+1	+29	−13	+27	−1	−12	−7	+47	−16	+8	2	−0.10
22988		04 56 46.23	−33 23 52.7	9.25		H	74.192 623 84	−33.397 977 61		7.61	62.48	24.19	0.81	0.97	1.17	0.92	1.21	+2	+2	+0	+17	−14	+20	−17	+11	+2	−3	1	0.90
22989		04 56 47.08	−69 50 24.8	10.65		G	74.196 151 44	−69.840 214 24		3.29	1.63	−2.38	1.88	1.78	1.89	2.05	2.42	+9	+5	−9	−28	−14	+15	−17	−7	−1	+17	0	
22990		04 56 47.50	+16 44 03.7	7.31		H	74.197 934 14	+16.734 362 93		5.32	3.84	−28.38	0.85	0.53	0.90	0.93	0.71	+37	+41	+8	−7	−2	+0	−14	+27	−12	+52	0	1.57
22991		04 56 47.91	−16 08 06.2	7.46		H	74.199 616 24	−16.135 061 71		4.16	0.68	−8.71	0.73	0.57	0.93	0.97	0.66	−21	+14	−10	−17	−1	+25	+3	−14	−12	−46	0	−2.03
22992		04 56 48.77	−16 08 24.5	9.48		H																							
22993		04 56 49.32	−24 06 08.6	8.67		H	74.205 504 80	−24.102 379 80		1.44	3.87	4.47	0.59	0.90	1.34	0.71	1.03	−14	+7	−17	+14	−4	−4	−4	+3	−8	−6	0	0.51
*22994		04 56 49.49	+55 49 27.0	6.65		H	74.206 194 20	+55.824 173 69		3.64	−9.07	−24.33	0.63	0.59	0.92	0.80	0.68	+4	+22	−36	+7	−10	+11	−11	+20	−9	+34	0	−0.53
*22995		04 56 49.48	+44 43 06.1	10.11		H	74.206 171 70	+44.718 349 38		2.15	10.57	−10.67	1.98	1.07	2.12	1.94	1.29	−30	+56	−20	+37	−48	+8	−58	+64	−49	−32	0	0.27
22996		04 56 49.60	+01 31 15.1	7.77	2	H	74.206 677 83	+01.520 868 51		1.80	−4.29	10.05	1.12	0.67	1.23	1.31	0.77	+6	+36	−16	+8	+3	−15	−5	+39	−18	+11	0	−2.63
22997		04 56 49.70	−37 45 00.0	9.62		H	74.207 091 12	−37.749 991 10		2.02	8.91	−8.09	0.73	0.96	1.06	0.92	1.30	−9	+5	−6	+9	−7	+8	−8	+9	−26	+8	3	0.81
*22998		04 56 50.79	−70 55 30.3	7.17		H	74.211 623 63	−70.925 093 61		5.93	−3.12	0.76	0.55	0.57	0.58	0.59	0.72	+5	+7	−7	−27	−10	+15	−9	−9	+1	+0	1	1.15
*22999		04 56 50.78	−44 11 33.2	7.83		H	74.211 590 30	−44.192 550 49		5.50	38.95	31.96	0.71	0.71	0.86	1.08	0.97	+1	−20	+2	−42	−6	+42	−5	−26	+14	−21	0	0.56
23000		04 56 51.46	−31 15 42.6	9.26		H	74.214 423 60	−31.261 837 77		−1.10	11.31	−11.74	0.72	0.92	1.16	0.86	1.43	−1	+14	−12	+8	−4	+9	−3	−7	−26	+21	0	−0.05

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
22901	9.759	0.028	8.474	0.017		1.140	0.015	G	1.10	0.02	H	8.4909	0.0020	0.013	54		8.47	8.51		C			1							
22902	9.153	0.014	8.830	0.015		0.307	0.019	T	0.35	0.03	L	8.9087	0.0017	0.017	117		8.87	8.93		C			1							
22903	9.004	0.022	7.480	0.012		1.281	0.020	T	1.24	0.02	L	7.4922	0.0019	0.009	42		7.48	7.52		C			1							S
22904	11.053	0.062	9.064	0.021		1.649	0.052	T	1.67	0.05	L	8.9960	0.0034	0.019	78		8.96	9.03		U			1							
22905	8.208	0.007	7.555	0.006		0.606	0.015	G	0.68	0.01	H	7.6162	0.0010	0.012	184		7.60	7.65					1							S
22906	9.011	0.016	8.067	0.012		0.800	0.015	G	0.84	0.01	H	8.1313	0.0017	0.010	56		8.12	8.15		C			1							
22907	9.498	0.014	8.247	0.009		1.072	0.010	G	1.14	0.01	I	8.2607	0.0014	0.019	157		8.23	8.30					1							
22908	9.475	0.024	8.493	0.018		0.870	0.015	G	0.88	0.01	H	8.5493	0.0021	0.015	69		8.53	8.58		C			1							S
22909	8.143	0.010	7.993	0.014		0.144	0.016	T	0.16	0.02	L	8.0220	0.0014	0.012	67		8.00	8.05		C			1							S
22910	7.214	0.010	7.077	0.007		0.132	0.011	T	0.15	0.01	L	7.0841	0.0056	0.020	40		7.06	7.12		U 2 C			1							S
22911	10.867	0.042	9.024	0.016		1.533	0.036	T	1.58	0.08	L	8.9912	0.0020	0.020	132		8.96	9.03		C			1							
22912	10.349	0.026	8.609	0.011		1.451	0.022	T	1.45	0.04	L	8.5948	0.0051	0.063	146		8.51	8.71		U 2			1							S P
22913	5.677	0.004	5.776	0.004		−0.085	0.005	T	−0.07	0.01	L	5.7673	0.0006	0.004	68		5.76	5.77		D			1							S
22914	7.915	0.010	7.809	0.013		0.103	0.015	T	0.12	0.02	L	7.8427	0.0012	0.008	55		7.82	7.86		D			1							S
22915	8.761	0.017	8.294	0.017		0.453	0.019	T	0.52	0.02	L	8.3537	0.0018	0.012	53		8.33	8.38		C			1							
22916	9.412	0.020	9.015	0.020		0.376	0.026	T	0.44	0.03	L	9.0777	0.0018	0.015	85		9.06	9.10		C			1							
22917	7.916	0.008	7.893	0.009	*	0.038	0.013	G	0.05	0.01	H	* 7.9104	0.0011	0.009	97	*	7.90	7.93		D	04559+4502	H 1	2 C	A	AB	305	0.205	0.016	1.69	0.18	S
22918	10.071	0.036	9.585	0.036		0.457	0.046	T	0.53	0.05	L	9.6733	0.0028	0.020	49		9.65	9.70		C			1							
22919	7.691	0.009	7.089	0.007		0.561	0.010	T	0.63	0.01	L	7.1394	0.0009	0.007	75		7.13	7.15		C			1							S
22920	9.255	0.023	8.756	0.023		0.469	0.030	T	0.54	0.03	L	8.8028	0.0024	0.014	48		8.78	8.83		C			1							
22921	11.542	0.073	10.228	0.037	*	1.146	0.003	G	1.24	0.00	I	* 10.1378	0.0032	0.030	140	*	10.08	10.21		D	04559−3052	H 1	2 C	A	AB	275	0.293	0.007	0.72	0.09	
22922	11.682	0.099	9.093	0.018	*	1.537	0.317	G	1.60	0.35	K	* 8.7881	0.0035	0.025	86	*	8.75	8.82			04560+5619	H 1	2 C S	A	AB	349	0.156	0.010	0.11	0.69	
22923	6.538	0.004	6.497	0.004		0.025	0.006	G	0.04	0.01	H	6.5147	0.0006	0.005	83		6.51	6.52					1							S
22924	8.088	0.009	7.674	0.008		0.391	0.011	T	0.46	0.01	L	7.7259	0.0013	0.013	108		7.71	7.75		C			1							S
22925	10.444	0.062	9.500	0.043		0.833	0.056	T	0.85	0.04	L	9.3994	0.0236	0.246	51		9.23	9.88		U 2			1 S							G
22926	7.190	0.007	6.906	0.006		0.246	0.001	G	0.28	0.00	H	6.9461	0.0009	0.007	69		6.93	6.96		C			1							S
22927	8.880	0.014	8.576	0.015		0.290	0.015	G	0.33	0.02	H	8.6268	0.0013	0.011	82		8.61	8.65		C			1 S							
22928	9.712	0.035	7.648	0.014		1.789	0.018	G	2.53	0.03	C	7.4133	0.0051	0.044	65		7.36	7.47		U 2			1 S							
22929	10.056	0.027	8.408	0.013	*	1.378	0.024	T	1.35	0.03	L	* 8.3975	0.0015	0.013	79	*	8.38	8.42		D	04561−0354	H 1	2 C	A	AB	117	0.609	0.018	2.99	0.10	
22930	11.066	0.050	9.139	0.017		1.634	0.044	T	2.37	0.08	O	8.9536	0.0030	0.032	114		8.91	9.00		U 2			1							
22931	7.836	0.010	7.863	0.012		−0.029	0.002	G	−0.01	0.00	H	7.8579	0.0015	0.009	69		7.84	7.87		C			1							S
22932	10.529	0.042	8.873	0.019		1.385	0.036	T	1.36	0.04	L	8.8944	0.0020	0.015	91		8.86	8.92		C			1							
22933	10.034	0.022	9.155	0.017		0.769	0.021	T	0.81	0.01	L	9.1872	0.0018	0.016	107		9.16	9.22		C			1							
22934	9.413	0.024	8.926	0.023		0.515	0.015	G	0.59	0.02	H	8.9683	0.0020	0.014	71		8.94	9.00		C			1							
22935	8.730	0.017	7.296	0.010		1.210	0.015	T	1.17	0.01	L	7.3230	0.0016	0.010	54		7.30	7.33					1							S
22936	5.867	0.004	5.762	0.004		0.105	0.002	G	0.12	0.00	H	5.7880	0.0007	0.005	71		5.78	5.79		C			1							S
22937	10.411	0.030	9.297	0.019		0.960	0.028	T	0.95	0.02	L	9.3701	0.0017	0.014	104		9.34	9.40		C			1							
22938	6.876	0.005	6.466	0.005		0.415	0.003	G	0.48	0.00	H	6.5153	0.0007	0.005	81		6.51	6.52					1							S
22939	9.936	0.021	8.087	0.009		1.537	0.018	T	1.59	0.04	L	8.0355	0.0016	0.016	131		8.01	8.06					1							S
22940	9.508	0.023	8.492	0.016		0.837	0.005	G	0.88	0.01	H	8.5738	0.0016	0.013	83		8.55	8.60		C			1							
22941	7.951	0.011	7.706	0.010		0.233	0.014	T	0.26	0.02	L	7.7538	0.0017	0.010	71		7.74	7.77		C			1							S
22942	9.757	0.032	8.863	0.024		0.780	0.031	T	0.82	0.02	L	8.9453	0.0016	0.012	59		8.92	8.97		D			1 S							
22943	11.908	0.144	10.409	0.058	*	1.261	0.122	T	1.22	0.13	L	* 10.4612	0.0043	0.026	70	*	10.41	10.50		C	04562−0331	H 1	2 C S	C	AB	170	0.168	0.069	1.81	1.08	G P
22944	8.334	0.008	7.468	0.006		0.774	0.008	T	0.81	0.01	L	7.5194	0.0010	0.013	175		7.50	7.55			04562−1744	I 1	1 G							S
22945	9.824	0.024	8.732	0.016		0.944	0.022	T	0.93	0.02	L	8.7779	0.0012	0.015	110		8.76	8.80		D			1							
22946	7.365	0.006	7.335	0.007	*	0.032	0.008	T	0.05	0.01	L	* 7.3413	0.0010	0.007	83	*	7.33	7.36		D	04562+0311	I 1	2 C	A	AB	227	0.387	0.003	0.12	0.02	S
22947	7.696	0.007	7.375	0.010		0.284	0.015	G	0.32	0.02	H	7.4303	0.0013	0.009	59		7.41	7.45					1							S
22948	8.807	0.015	8.770	0.018		0.050	0.015	G	0.06	0.01	H	8.7962	0.0019	0.014	79		8.77	8.82		C			1							
22949	6.734	0.006	6.364	0.006		0.351	0.008	T	0.41	0.01	L	6.4108	0.0011	0.007	55		6.40	6.42		C			1							S
22950	9.256	0.014	7.715	0.008		1.294	0.013	T	1.25	0.01	L	7.7122	0.0017	0.011	112		7.70	7.73		C			1							S
22951	8.366	0.020	7.863	0.019	*						T	* 7.9678	0.0016	0.012	65	−	7.95	7.99		D	04563+5206	I 1	3 C	B						S G
22952	10.830	0.044	10.546	0.052							T	10.9949	0.0439	0.412	115		9.93	11.15	0.58	P 1 A			1							G
22953	9.204	0.014	8.333	0.011		0.770	0.002	G	0.81	0.00	H	8.3996	0.0016	0.014	106		8.37	8.42		C			1							
22954	9.080	0.016	8.838	0.018	A	0.205	0.015	G	0.23	0.02	H	* 8.8444	0.0020	0.014	75	*	8.82	8.87		D	04563−0152	I 1	2 C	A	AB	248	1.232	0.019	2.68	0.07	
22955	6.503	0.005	6.131	0.006		0.352	0.007	T	0.41	0.01	L	6.1802	0.0013	0.007	63		6.17	6.20		M			1							S
22956	9.129	0.015	8.742	0.015		0.366	0.020	T	0.43	0.02	L	8.8012	0.0023	0.021	120		8.77	8.85					1							
22957	5.587	0.004	4.211	0.003		1.158	0.008	G	1.16	0.02	G	4.2355	0.0008	0.004	54		4.23	4.24		C	04564+1331	I 1	1							S
22958	5.334	0.003	5.477	0.004	*	−0.123	0.004	T	−0.11	0.01	L	* 5.4647	0.0010	0.007	62	*	5.45	5.48			04564−0510	I 1	2 C	B	AC	247	0.645	0.060	4.15	0.14	S
22959	10.404	0.035	8.966	0.017		1.213	0.031	T	1.17	0.03	L	9.0060	0.0016	0.015	96		8.98	9.03		C			1							
22960	9.081	0.018	8.238	0.014		0.757	0.017	T	0.80	0.01	L	8.3132	0.0016	0.016	70		8.30	8.35					1							S
22961	10.033	0.019	8.877	0.012		0.985	0.018	T	1.03	0.02	L	8.9136	0.0015	0.018	156		8.88	8.95					1							
22962	7.988	0.008	7.673	0.008		0.299	0.011	T	0.34	0.01	L	7.7320	0.0014	0.015	115		7.71	7.76					1							S
22963	8.611	0.009	8.102	0.008		0.489	0.009	T	0.56	0.01	L	8.1673	0.0012	0.014	175		8.14	8.20					1							S
22964	10.199	0.051	9.785	0.055		0.539	0.015	G	0.61	0.02	H	9.8734	0.0040	0.024	46		9.84	9.91		C			1							G
22965	9.196	0.019	8.699	0.019		0.467	0.024	T	0.54	0.03	L	8.7300	0.0015	0.013	90		8.71	8.75		C			1							
22966	8.181	0.014	8.127	0.017		0.055	0.020	T	0.07	0.02	L	8.1370	0.0027	0.011	51		8.12	8.15					1							
22967	9.950	0.029	9.322	0.026		0.584	0.034	T	0.66	0.03	L	9.3883	0.0023	0.017	76		9.36	9.42		C			1							
22968	9.625	0.021	8.034	0.011		1.334	0.019	T	1.30	0.02	L	8.0425	0.0015	0.014	102		8.02	8.06					1							S
22969	10.348	0.026	9.025	0.015		1.123	0.023	T	1.09	0.02	L	9.0782	0.0020	0.018	123		9.05	9.11					1							
22970	9.874	0.027	9.331	0.026		0.509	0.034	T	0.58	0.04	L	9.4121	0.0040	0.019	60		9.38	9.44		C			1							
22971	9.982	0.024	8.135	0.010		1.568	0.021	T	2.33	0.05	O	7.9574	0.0027	0.032	112		7.91	8.01		U 2			1 S							S
22972	8.082	0.013	7.576	0.013		0.516	0.015	G	0.59	0.02	H	7.6270	0.0013	0.009	56		7.61	7.65		C			1							S
22973	10.854	0.036	9.905	0.024		0.790	0.020	G	0.83	0.02	I	10.0033	0.0037	0.043	189		9.92	10.07		R			1							G
22974	9.997	0.028	8.747	0.017		1.066	0.026	T	1.03	0.02	L	8.7896	0.0020	0.016	85		8.76	8.82		C			1							
22975	9.617	0.017	8.198	0.009	A	0.900	0.495	G	1.12	0.03	L	* 8.1801	0.0017	0.017	109	*	8.15	8.22		D	04566−5127	I 1	2 C	A	AB	25	1.797	0.016	2.72	0.06	S
22976	9.203	0.013	8.762	0.013		0.430	0.015	T	0.50	0.02	L	8.8451	0.0019	0.017	107		8.82	8.88					1							
22977	9.297	0.015	8.751	0.014		0.518	0.015	T	0.59	0.02	L	8.8427	0.0017	0.019	117		8.81	8.88					1							S
22978	8.865	0.014	8.816	0.018		0.050	0.021	T	0.06	0.02	L	8.8265	0.0020	0.014	80		8.80	8.85		C			1							
22979	9.387	0.023	9.208	0.027	*	0.171	0.033	T	0.19	0.03	L	* 9.1464	0.0051	0.029	54	*	9.12	9.22		U 2	04567+3917	I 1	2 C	A	BA	217	0.860	0.007	0.12	0.02	
22980	9.856	0.023	8.325	0.012		1.286	0.020	T	1.25	0.02	L	8.3325	0.0013	0.014	112		8.30	8.36		C			1							
22981	11.472	0.104	11.199	0.139		0.489	0.100	G	0.56	0.10	R	11.1226	0.0059	0.053	75		11.03	11.22					1							G
22982	10.021	0.039	9.847	0.051		0.167	0.060	T	0.18	0.06	L	9.8236	0.0041	0.030	64		9.77	9.86					1							G
22983	9.906	0.028	8.131	0.012		1.479	0.024	T	1.50	0.04	L	8.1077	0.0016	0.018	87		8.08	8.13					1							
22984	7.738	0.008	7.508	0.009		0.219	0.011	T	0.24	0.01	L	7.5590	0.0008	0.007	95		7.55	7.57		C			1							S
22985	7.945	0.011	7.959	0.011		−0.017	0.002	G	0.01	0.00	H	7.9653	0.0013	0.012	71		7.95	7.99		C			1							S
22986	9.917	0.022	9.490	0.023		0.415	0.015	G	0.48	0.02	H	9.5390	0.0019	0.020	96		9.50	9.58		C			1							
22987	8.903	0.018	8.754	0.022		0.143	0.027	T	0.16	0.03	L	8.8230	0.0021	0.018	65		8.79	8.85		C			1							
22988	9.930	0.024	9.306	0.022		0.577	0.024	T	0.65	0.02	L	9.3733	0.0025	0.020	104		9.34	9.40		C			1							
22989	10.743	0.048	10.743	0.075		0.165	0.038	G	0.18	0.04	H	10.6700	0.0032	0.038	89		10.61	10.73		C			1 X							G
22990	8.869	0.013	7.442	0.007		1.205	0.012	T	1.16	0.01	L	7.4766	0.0011	0.008	87		7.46	7.49		C			1							S
22991	7.511	0.006	7.449	0.006		0.063	0.100	G	0.06	0.01	L	7.4839	0.0014	0.015	116		7.45	7.51		D	04568−1608	I 2	1							S
22992											T	9.6238	0.0989	0.952	105		8.12	10.88		D	04568−1608	I 2		S						G
22993	10.722	0.035	8.857	0.013		1.583	0.031	T	1.81	0.09	O	8.7710	0.0020	0.024	149		8.73	8.82					1							
22994	8.865	0.012	6.839	0.005		1.678	0.010	T	1.70	0.01	L	6.7519	0.0012	0.011	84		6.73	6.77					1							S
22995	10.500	0.039	10.229	0.048		0.258	0.058	T	0.29	0.07	L	10.1845	0.0024	0.022	94		10.15	10.22		C			1							G
22996	9.972	0.033	7.981	0.013		1.687	0.029	T	2.23	0.07	O	7.8259	0.0051	0.028	67		7.80	7.88		U 2			1							
22997	10.682	0.037	9.692	0.025		0.867	0.033	T	0.88	0.02	L	9.7772	0.0028	0.020	100		9.75	9.81		C			1							
22998	8.394	0.012	7.272	0.007		0.966	0.011	T	0.95	0.01	L	7.3302	0.0011	0.011	103		7.31	7.35					1							S
22999	9.298	0.017	7.948	0.010		1.150	0.015	G	1.11	0.01	H	7.9931	0.0014	0.014	87		7.97	8.02					1							S
23000	10.878	0.041	9.407	0.019		1.313	0.015	G	1.27	0.02	H	9.4138	0.0021	0.028	135		9.37	9.45					1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
23001		04 56 51.71	+33 58 37.8	7.76		H	74.215 456 50	+33.977 167 08		3.95	8.92	−10.98	1.12	0.80	1.22	1.25	0.90	−32	+18	−18	−27	+38	+22	+37	−24	−27	−25	0	3.62
23002		04 56 52.13	−56 23 25.6	8.21		H	74.217 225 06	−56.390 432 10		4.42	−19.54	−32.25	0.58	0.58	0.66	0.65	0.56	+1	+1	+6	−17	+1	+14	+1	−30	+7	+7	0	2.08
23003		04 56 52.32	+06 01 48.3	8.72		H	74.218 008 87	+06.030 096 07		2.19	9.51	−6.95	1.08	0.63	1.27	1.11	0.70	+22	+51	+0	+25	+16	+1	+7	+44	−14	+19	0	0.00
23004		04 56 52.69	+58 05 57.8	7.98		H	74.219 526 30	+58.099 391 99		4.13	7.18	2.14	0.62	0.68	1.08	0.74	0.76	+20	+12	−19	−6	+9	−12	+5	−15	−6	+25	0	2.88
23005		04 56 53.01	−52 50 59.5	7.75		H	74.220 889 92	−52.849 870 32		4.41	−14.10	0.20	0.57	0.62	0.62	0.61	0.74	−6	−8	+8	−3	−25	+7	−29	+9	+2	+4	0	−0.49
23006		04 56 54.14	−12 32 35.9	8.04		H	74.225 575 90	−12.543 293 35		1.42	3.89	4.36	0.67	0.56	1.07	0.76	0.67	+11	+38	−8	+10	−5	−10	−10	+17	−13	+11	1	−2.49
23007		04 56 55.31	−33 27 49.2	8.76		H	74.230 475 69	−33.463 665 23		5.11	18.16	24.95	0.74	0.84	1.05	0.83	1.06	+0	−8	−6	+18	−17	+16	−18	+3	−3	−6	1	1.22
23008		04 56 56.37	+56 41 23.5	9.28		H	74.234 855 29	+56.689 869 39		1.31	7.01	−19.10	1.35	1.08	1.96	1.25	1.10	−48	+57	−48	+13	−13	+4	−11	+11	−1	+1	0	1.29
23009		04 56 58.04	−22 02 17.1	8.63		H	74.241 825 39	−22.038 089 88		3.56	5.37	−4.18	0.83	0.90	1.27	1.14	1.20	−11	+2	−18	+5	−24	+3	−17	+32	−9	−38	0	−0.69
23010		04 56 58.57	+83 17 58.0	8.09		H	74.244 036 28	+83.299 447 09		11.46	14.59	−29.88	0.53	0.60	0.69	0.70	0.79	+5	+7	+13	+5	+5	+8	+3	−6	−1	−4	0	−0.03
23011		04 56 58.73	−08 27 32.0	6.89		H	74.244 704 99	−08.458 888 03		6.33	18.53	2.45	0.68	0.56	0.83	0.92	0.74	+13	+6	−29	+10	−12	+14	−10	+14	−5	+26	0	0.61
23012		04 56 58.81	−41 59 01.2	7.90		H	74.245 058 98	−41.983 664 59		8.43	26.48	18.92	0.58	0.66	0.74	0.60	0.83	+0	−3	−13	−1	−13	+0	−17	−11	+24	−13	0	−2.26
23013		04 56 58.96	+37 51 57.5	8.63	2	H	74.245 648 43	+37.865 970 45		−0.75	3.82	−4.45	1.09	0.82	1.25	1.08	0.90	−4	+47	−32	+11	+15	−4	+7	+29	−4	+42	0	−0.03
23014		04 56 59.30	+03 17 09.7	7.32		H	74.247 075 10	+03.286 040 08		7.90	−5.51	7.84	0.83	0.51	1.01	0.85	0.59	+6	+47	−12	+7	+31	−7	+17	+48	−22	+11	0	−0.93
23015		04 56 59.62	+33 09 58.1	2.69		G	74.248 400 98	+33.166 135 37		6.37	3.63	−18.54	0.85	0.59	0.96	0.91	0.71	−3	+50	−17	+18	+19	+8	+5	+16	−22	−13	0	1.46
23016		04 56 59.96	+73 50 23.8	9.45		G	74.249 816 29	+73.839 952 59		10.97	79.02	−196.60	0.67	0.80	1.04	0.79	0.95	−3	+10	+4	−21	−2	−12	−3	+7	+2	+3	1	−1.30
23017	H	04 57 00.10	−46 42 13.3	8.89		H	74.250 418 56	−46.703 701 84	*	5.93	23.20	31.03	2.11	3.77	1.28	1.28	1.41	+11	+24	+7	+3	−17	+4	−23	−10	−14	+4	1	1.06
23018		04 57 00.80	+26 21 55.0	10.51		H	74.253 331 46	+26.365 278 91		7.07	1.84	−55.16	2.06	1.43	2.19	2.64	1.90	−2	+28	+21	−24	+45	+14	+36	−9	−29	−29	0	−0.08
23019		04 57 01.74	−25 04 43.0	10.28		H	74.257 248 78	−25.078 622 27		8.00	183.15	−54.97	0.75	1.48	1.74	0.97	1.80	+0	−2	−15	−12	+7	+12	+7	+17	−10	+4	0	1.71
23020		04 57 02.46	+49 55 20.5	6.95		H	74.260 244 66	+49.922 360 63		14.91	54.72	−118.24	0.77	0.57	0.92	0.83	0.57	+8	+25	−18	−9	+1	+7	−1	+27	−17	+9	0	1.04
23021		04 57 02.55	−18 23 37.4	9.32		H	74.260 645 59	−18.393 719 16		6.02	−7.61	−14.90	0.84	0.86	1.44	1.04	1.07	+8	+23	−17	+1	−21	+13	−20	+15	−30	−28	0	−0.42
23022		04 57 03.19	+28 15 37.5	8.99		H	74.263 297 34	+28.260 405 97		8.55	−12.64	−89.45	1.21	0.89	1.30	1.55	1.13	−5	+21	−13	−7	+23	+28	+22	+22	+3	+15	0	0.93
23023		04 57 03.38	+31 05 33.5	9.49		H	74.264 098 54	+31.092 650 01		3.61	16.45	−37.22	1.35	0.93	1.51	1.54	1.00	−8	+23	−32	−8	+13	+1	+8	+14	−6	+16	0	0.83
23024		04 57 04.60	+47 52 43.8	7.89		H	74.269 175 25	+47.878 844 94		6.55	−0.62	−3.78	0.85	0.71	0.96	1.21	0.85	+26	+19	−14	+2	−18	+15	−17	+41	+0	+44	0	1.86
23025		04 57 05.95	−55 36 44.7	8.47		H	74.274 805 08	−55.612 414 52		4.59	6.79	−8.20	0.68	0.67	0.75	0.73	0.70	+1	+13	+5	−14	+2	−18	+3	−23	−1	+4	0	1.80
23026		04 57 06.39	−06 31 55.0	8.34		H	74.276 617 12	−06.531 936 09		4.66	2.70	−1.33	0.86	0.76	1.14	1.04	0.88	−2	+13	−44	+49	+15	−17	+7	+52	−24	+28	0	1.29
23027		04 57 06.44	+24 45 08.0	8.60		H	74.276 840 30	+24.752 212 41		22.09	−23.64	−7.62	1.33	0.97	1.58	1.94	1.41	+11	+36	−32	−5	−12	+9	−6	+2	+22	+54	0	0.56
23028		04 57 06.50	−65 00 57.7	7.21		H	74.277 073 92	−65.016 023 66		8.40	10.61	42.58	0.50	0.54	0.57	0.40	0.69	−2	+13	−14	−42	+19	−6	+20	−5	+2	+30	0	0.50
23029		04 57 07.48	−58 04 11.5	6.81		H	74.281 149 87	−58.069 871 63		9.77	−1.53	96.83	0.52	0.47	0.54	0.59	0.58	+6	−12	−5	+36	+11	−19	+15	+13	−27	+17	0	−0.92
23030		04 57 07.97	+39 15 16.8	9.01		H	74.283 222 57	+39.254 669 04		0.95	−2.77	−6.04	1.22	0.91	1.38	1.46	1.07	+7	+41	−20	+3	+9	−16	+5	+32	−3	+17	0	−0.55
23031		04 57 08.38	+17 29 15.0	9.47		H	74.284 927 48	+17.487 509 29		−1.97	1.47	−1.10	1.47	1.07	1.65	2.10	1.58	+34	+27	−20	+0	+11	+7	−3	+36	−6	+69	3	1.27
23032	H	04 57 09.32	+24 57 09.9	9.66		H	74.288 834 28	+24.952 749 02	*	6.17	40.32	−23.79	4.66	3.36	2.35	2.80	1.88	−30	+37	−28	+0	−21	+11	−15	+1	+12	+10	4	−0.67
23033		04 57 09.56	+59 07 13.3	6.55	2	H	74.289 828 01	+59.120 364 41		2.64	−3.70	−22.16	0.54	0.57	0.87	0.69	0.73	+22	+13	−15	+4	+7	−24	+3	−1	−4	+14	0	0.95
23034		04 57 11.93	−48 58 24.2	8.63		H	74.299 714 79	−48.973 401 61		2.89	0.08	−28.54	0.68	0.79	0.82	0.72	1.02	−1	+2	+4	+5	−4	+5	−5	+5	−14	+21	0	0.50
23035		04 57 13.13	+10 48 35.6	7.87		H	74.304 703 25	+10.809 879 99		5.26	−11.96	−4.45	0.94	0.55	1.08	1.16	0.65	+5	+34	−22	+18	+21	−5	+11	+61	−28	+1	0	0.00
23036		04 57 15.21	−31 53 06.4	9.76		H	74.313 358 43	−31.885 106 03		10.51	−73.88	−33.90	0.86	1.04	1.37	1.01	1.49	−8	+21	+0	+13	−5	+4	−7	−13	−18	+4	0	1.75
23037	H	04 57 15.42	+61 45 11.2	6.76		H	74.314 239 66	+61.753 108 36	A	2.77	2.47	3.51	0.87	0.77	1.27	0.96	0.86	+4	−1	−15	−5	+47	−36	+41	+24	−15	+15	1	0.48
23038		04 57 15.89	+63 24 09.2	8.18		H	74.316 208 61	+63.402 550 19		2.29	−1.33	−4.57	0.61	0.62	1.04	0.66	0.68	−2	+6	−12	−12	+27	−1	+23	+8	+2	+22	2	1.55
23039		04 57 16.47	−09 25 07.7	8.24		H	74.318 614 71	−09.418 808 71		4.29	9.78	−2.21	0.79	0.62	1.04	0.86	0.72	−13	+27	−23	+14	−18	−6	−19	+3	+1	−8	2	−0.14
*23040	H	04 57 17.22	+53 45 07.5	4.43		H	74.321 751 75	+53.752 082 89	A	8.68	−24.17	7.53	0.89	0.77	0.81	0.80	0.67	−7	+25	−21	−11	+2	−9	−26	+24	−26	+46	1	0.37
*23041		04 57 17.21	−01 04 01.9	6.25		H	74.321 717 83	−01.067 191 85		11.91	−36.30	−27.09	0.74	0.52	0.85	0.86	0.60	+12	+25	−12	+26	+10	−13	+4	+41	−14	+22	0	−0.30
23042		04 57 20.27	−37 53 56.7	8.94		G	74.334 438 21	−37.899 074 08		16.87	37.37	−229.59	0.64	0.79	0.89	0.81	1.01	−10	+5	−1	+16	−4	+3	−3	+1	−24	+1	0	2.42
23043		04 57 22.35	+17 09 13.3	5.51		G	74.343 114 23	+17.153 706 80		6.91	−11.16	−12.30	0.68	0.45	0.75	0.77	0.56	+24	+35	−11	+1	−6	+14	−11	+22	−1	+48	2	1.93
23044	H	04 57 23.45	+00 59 31.0	8.49		G	74.347 708 70	+00.991 944 37	B	12.62	47.85	26.02	3.77	3.31	1.89	2.18	1.29	−4	+17	−11	+18	−2	−14	−6	+27	−22	−13	1	−0.97
23045		04 57 23.58	+11 30 35.7	10.01		H	74.348 242 31	+11.509 914 95		5.12	1.18	−43.65	1.59	1.11	1.96	2.05	1.25	+16	+12	−40	+26	+44	−36	+24	+74	−38	+38	0	−0.50
23046		04 57 29.43	−61 17 18.8	8.36		G	74.372 610 97	−61.288 565 20		13.91	−91.81	140.92	0.66	0.62	0.65	0.70	0.72	−6	+3	−4	−34	+1	+12	+3	−5	−1	−12	0	−0.37
23047		04 57 31.56	+65 16 42.2	6.72		H	74.381 518 38	+65.278 378 20		6.29	17.92	−35.98	0.50	0.45	0.70	0.62	0.54	+2	+16	−9	−2	+32	−1	+26	+16	+5	+32	0	1.22
23048		04 57 33.30	+29 42 11.0	10.06		H	74.388 740 88	+29.703 061 87		5.92	−0.38	−24.83	1.90	1.22	2.05	2.06	1.56	+19	+52	−6	−5	−3	−2	−5	+20	+7	+51	0	−0.17
23049		04 57 37.14	+17 23 32.7	9.18		H	74.404 755 32	+17.392 426 35		5.85	69.62	−104.11	1.31	0.87	1.46	1.58	1.11	+18	+39	−11	+0	−3	+6	−9	+23	−2	+47	3	2.09
23050		04 57 37.42	−54 10 26.5	8.27		H	74.405 902 72	−54.174 031 64		3.79	−8.48	−10.37	0.63	0.65	0.72	0.68	0.77	−5	−2	+7	+4	−1	−30	+2	−7	−8	+2	2	−0.06
23051		04 57 38.14	−47 16 20.4	8.72		H	74.408 905 05	−47.272 336 75		5.11	19.51	16.89	0.60	0.71	0.74	0.66	0.82	+5	+10	+11	+5	−13	+23	−17	−2	+0	−2	0	−1.82
23052		04 57 38.24	−05 44 55.2	8.49		H	74.409 350 90	−05.748 676 05	A	5.13	17.80	−4.66	2.43	1.90	2.47	3.17	2.22	−19	+21	−34	−7	+7	+16	+4	+24	−31	−20	5	0.32
23053		04 57 40.17	−05 44 54.9	9.18		H	74.417 356 26	−05.748 581 40	B	2.99	16.53	−8.82	5.66	4.77	4.29	5.04	3.86	−18	+20	−40	−6	+11	+9	+5	+32	−40	−17	5	0.32
23054		04 57 40.42	+39 28 52.2	8.61		H	74.418 431 39	+39.481 160 79		16.86	−18.21	22.56	1.25	0.97	1.37	1.35	1.08	+19	+40	−18	+21	+22	−10	+14	+44	−9	+39	0	1.02
23055		04 57 40.55	−43 01 56.9	8.25		H	74.418 971 55	−43.032 479 52		3.88	74.45	−64.07	0.57	0.74	0.74	0.58	0.92	−8	+12	+6	−19	+12	+5	+15	−24	+13	−10	0	−1.66
23056		04 57 40.73	+27 22 33.8	8.94		G	74.419 727 96	+27.376 049 58		14.29	135.40	−126.18	1.38	0.98	1.48	2.17	1.43	−3	+23	−5	+17	+11	+14	+8	+31	−24	−38	0	0.80
23057		04 57 43.45	+07 18 39.7	9.25		H	74.431 048 45	+07.311 028 15		8.95	−16.22	−62.75	1.52	0.80	1.72	1.87	0.98	−21	+55	−28	+0	+17	+9	+1	+42	−29	−23	4	1.86
23058		04 57 44.65	−13 42 17.9	7.57		G	74.436 031 95	−13.704 975 92		5.17	−10.86	−2.14	0.54	0.50	0.84	0.78	0.61	+4	+14	−8	+6	−5	−5	−6	+8	−9	−27	0	−0.04
23059		04 57 44.66	−33 04 08.0	7.67	1	H	74.436 096 67	−33.068 880 29		1.58	−9.34	−25.86	0.57	0.63	0.79	0.65	0.75	−15	+2	+2	+18	−8	+16	−12	+2	−2	−32	0	0.21
23060		04 57 44.69	−14 13 54.8	6.15		G	74.436 188 11	−14.231 890 27		3.28	−0.23	−12.22	0.50	0.42	0.73	0.65	0.48	−6	+20	−18	+10	−6	−3	−11	+4	−12	−25	0	−0.76
23061		04 57 46.42	−34 53 32.3	7.60		H	74.443 435 04	−34.892 292 40		7.01	57.14	26.66	0.50	0.61	0.71	0.50	0.69	−1	+15	+3	+0	−11	+11	−14	+2	−6	−6	0	−0.54
23062		04 57 46.71	−42 19 06.2	8.85		H	74.444 642 61	−42.318 379 11		4.84	0.78	−1.59	0.73	0.91	0.91	0.70	1.11	−18	−4	+2	−15	+1	+0	+1	−26	+0	−6	0	−0.78
23063		04 57 46.83	+62 48 24.4	8.74		H	74.445 139 05	+62.806 769 43		2.10	8.78	−12.66	0.69	0.68	1.17	0.77	0.77	+0	+2	−1	−8	+32	+10	+30	+19	−4	+11	0	1.42
23064		04 57 47.21	+50 58 52.6	9.15		H	74.446 700 46	+50.981 266 63		0.15	5.19	6.81	1.65	1.18	1.89	1.89	1.28	+25	+49	−4	+1	−23	+8	−22	+24	−22	+12	0	1.69
23065		04 57 47.27	−35 11 23.6	8.97		H	74.446 958 38	−35.189 875 53		2.12	2.29	15.01	0.67	0.82	0.98	0.73	0.95	−10	+14	+3	+8	−6	+29	−9	+5	−9	−9	0	0.52
23066		04 57 47.54	+67 46 34.2	7.26		H	74.448 070 86	+67.776 155 50		1.78	3.64	−24.77	0.37	0.50	0.66	0.48	0.60	+10	+8	−1	+0	+2	+6	+2	+11	+5	+7	0	−1.14
23067		04 57 48.37	−04 39 17.7	7.67		H	74.451 553 08	−04.654 902 89		7.56	14.16	−21.75	0.94	0.60	1.03	1.14	0.73	−5	+20	−16	+38	−7	−12	−9	+40	−1	−3	0	1.87
23068		04 57 48.65	+23 56 54.9	5.79		G	74.452 689 83	+23.948 584 92		6.92	2.61	−9.37	0.99	0.64	1.03	1.15	0.85	+36	+38	−20	−35	−21	+11	−24	−19	+3	+72	0	1.63
23069		04 57 49.46	+14 00 08.0	8.89		G	74.456 098 80	+14.002 233 22		19.66	67.17	−19.49	1.33	0.95	1.62	1.53	1.15	+39	+23	−20	+25	+45	−15	+27	+75	−31	+56	2	0.88
23070		04 57 49.47	−25 03 37.5	8.15		H	74.456 138 41	−25.060 426 71		2.80	2.67	4.95	0.43	0.73	1.00	0.55	0.94	−10	+8	−12	−16	−1	+8	−3	+17	−9	−5	0	−1.14
23071		04 57 50.61	+39 37 56.7	8.06		H	74.460 857 80	+39.632 416 19		8.19	−7.60	−18.65	1.02	0.81	1.13	1.22	0.95	+25	+30	−13	+18	+20	−5	+13	+27	−16	+38	0	−0.87
23072		04 57 51.38	−64 35 54.3	9.04		H	74.464 074 66	−64.598 406 09		1.94	15.51	1.69	0.68	0.77	0.78	0.59	1.00	+2	+19	−3	−39	+16	−5	+18	−13	+9	+37	0	−0.84
23073		04 57 52.73	−11 38 20.2	8.62		H	74.469 718 14	−11.638 937 42		2.44	0.51	1.20	0.85	0.64	1.08	1.01	0.75	−20	+25	−9	+22	−16	−7	−22	+21	−25	−23	4	0.55
23074		04 57 53.42	−45 08 53.6	8.81		H	74.472 576 52	−45.148 230 96		3.04	1.07	0.60	0.68	0.82	0.88	0.64	0.96	+7	+35	+20	−10	+6	+3	+12	−12	+17	−3	0	−0.52
23075		04 57 53.48	+08 44 14.6	8.44		H	74.472 819 38	+08.737 396 73		4.13	−9.52	5.03	0.97	0.62	1.08	1.17	0.71	+14	+27	−18	+26	+20	−8	+12	+57	−21	+19	0	−0.02
23076		04 57 54.37	−06 06 07.8	7.14		H	74.476 543 16	−06.102 165 91		6.01	−0.92	−23.12	0.82	0.66	1.06	0.99	0.80	−15	+22	−45	+47	+6	−5	−2	+53	−32	+9	0	0.70
23077		04 57 55.75	+09 31 03.5	9.41		H	74.482 285 36	+09.517 649 23		7.45	22.05	1.56	1.27	0.72	1.49	1.68	0.86	−6	+36	−20	+9	+7	−6	−2	+50	−27	−9	0	−1.45
23078	H	04 57 58.07	−50 34 32.9	7.41		H	74.491 977 99	−50.575 809 66	A	5.13	−5.38	−0.75	0.99	0.91	0.83	0.91	0.94	−5	+14	+19	+10	−4	+13	−9	−1	−7	−9	3	−0.87
23079		04 57 58.16	−57 58 02.7	7.51		H	74.492 348 88	−57.967 409 29		3.93	−33.09	−4.46	0.55	0.51	0.58	0.61	0.61	+10	−11	−1	+34	+14	−13	+16	+8	−27	+19	0	−0.76
23080		04 57 58.96	+34 16 06.6	8.15		H	74.495 676 84	+34.268 511 79		30.22	581.16	−202.27	1.01	0.77	1.13	1.05	0.81	−7	+21	−22	−7	+22	+7	+21	−4	−14	+12	0	1.12
23081		04 58 01.99	−58 12 29.7	6.87		H	74.508 275 36	−58.208 236 22		2.41	−5.48	−4.33	0.60	0.48	0.57	0.66	0.60	+6	−15	−7	+41	+15	−23	+21	+15	−26	+22	0	−1.12
23082		04 58 03.54	+20 18 49.4	8.17		H	74.514 733 61	+20.313 716 32		2.93	2.43	−8.60	1.18	0.71	1.32	1.31	0.87	+12	+55	−8	+5	+5	−11	−8	+24	−22	+16	0	−1.72
23083		04 58 04.12	−16 11 06.8	8.02		H	74.517 170 21	−16.185 215 99		2.82	9.47	1.70	0.74	0.55	0.94	0.89	0.61	−20	+28	−26	+6	−8	+16	−9	−6	−12	−35	0	−1.54
23084		04 58 04.33	−22 01 10.4	7.52		H	74.518 022 46	−22.019 546 41		3.49	−11.69	−2.08	0.61	0.63	0.88	0.82	0.87	−5	+2	−15	+16	−25	+7	−24	+21	−3	−40	0	1.23
23085		04 58 06.51	+13 02 06.0	10.43		H	74.527 115 28	+13.035 011 01		9.08	10.90	−57.38	2.03	1.25	2.45	2.53	1.48	+20	+19	−10	+43	+20	−9	+13	+71	−31	+23	0	0.04
23086		04 58 07.50	+00 51 57.1	8.26		G	74.531 239 86	+00.865 865 68		5.07	−0.92	−8.76	1.04	0.66	1.17	1.24	0.77	+10	+32	−12	+25	+11	−21	+4	+42	−13	+10	0	0.03
23087		04 58 08.47	+30 38 19.4	8.79		H	74.535 273 70	+30.638 717 74		5.27	11.41	20.86	1.36	1.04	1.54	2.00	1.57	+19	+19	−31	−16	−18	+11	−17	−10	+21	+62	0	−1.07
23088		04 58 09.38	+25 03 01.9	5.79		H	74.539 068 26	+25.050 521 29		11.01	26.23	−47.62	0.82	0.65	0.90	1.19	0.88	+32	+23	−27	−17	−21	+18	−12	−25	+21	+54	0	−0.26
23089		04 58 10.06	+57 18 27.2	9.42		H	74.541 928 25	+57.307 550 41		2.94	−3.92	−1.32	0.83	0.83	1.37	0.98	0.90	+0	+15	−22	−4	−4	−12	−7	−9	−8	+15	2	1.94
23090		04 58 10.43	−16 46 48.7	6.67		H	74.543 478 01	−16.780 201 86		7.36	8.93	8.11	0.46	0.41	0.72	0.69	0.53	+14	+3	−13	−3	−14	+29	−10	+0	−20	−31	1	−0.68
23091		04 58 10.58	+71 23 00.4	8.33		H	74.544 078 97	+71.383 458 06		0.79	−2.18	7.49	0.49	0.69	0.99	0.50	0.81	−10	+21	−10	+8	−2	+10	+2	+20	+7	−15	0	−2.07
23092		04 58 10.90	−02 12 46.0	6.34		H	74.545 436 41	−02.212 768 53		7.18	12.31	12.71	0.76	0.57	0.87	0.91	0.65	+17	+4	−26	+48	+20	−32	+11	+58	−27	+36	0	0.79
23093		04 58 11.40	+63 01 50.6	8.14		H	74.547 497 28	+63.030 731 67		12.76	135.28	−143.58	0.57	0.56	0.99	0.62	0.62	+1	+14	+1	−11	+31	−4	+28	+19	+1	+17	1	1.57
23094		04 58 11.43	+15 47 55.0	8.46		H	74.547 638 57	+15.798 610 70		2.57	−5.81	−6.53	0.96	0.61	1.06	1.15	0.78	+12	+29	+3	+9	−5	+3	−10	+39	+0	+26	0	0.09
23095		04 58 11.48	−14 14 11.6	8.61		H	74.547 841 89	−14.236 548 61		1.89	−2.49	−10.96	0.78	0.66	1.12	1.03	0.76	−13	+15	−8	+10	−9	−4	−12	−4	−4	−36	0	0.51
23096		04 58 11.55	−26 22 33.3	8.90		H	74.548 141 19	−26.375 924 51		2.36	−9.00	−6.21	0.68	0.96	1.30	0.81	1.26	−8	+18	−11	−26	−2	−6	−5	+17	−23	−9	0	3.02
23097	H	04 58 11.73	−40 33 06.1	9.16		H	74.548 854 25	−40.551 706 53	*	8.46	4.01	133.95	1.74	2.44	1.22	1.12	1.63	−15	+20	−13	−34	+2	−4	+4	−58	+1	−1	2	−0.53
23098		04 58 11.80	−05 15 06.1	9.50		H	74.549 179 00	−05.251 699 78		3.90	0.50	4.89	1.37	0.96	1.50	1.96	1.29	−7	+7	−16	+38	+1	−15	−2	+40	−8	−11	0	1.87
23099		04 58 12.49	+14 23 46.6	10.59		H	74.552 034 88	+14.396 286 93		3.13	−2.19	8.43	2.35	1.64	3.03	2.73	2.08	+37	+26	−22	+17	+46	−8	+24	+73	−33	+59	2	1.10
23100		04 58 12.95	+40 03 25.6	7.21		G	74.553 954 95	+40.057 114 87		21.04	59.86	−102.59	0.94	0.72	1.07	1.01	0.85	+8	+43	−28	+21	+28	−9	+16	+37	−17	+38	3	2.23

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
23001	9.162	0.021	7.898	0.013		1.077	0.019	T	1.04	0.02	L	7.9243	0.0032	0.015	57		7.90	7.95					1							S
23002	9.424	0.015	8.305	0.010		0.964	0.014	T	0.95	0.01	L	8.3735	0.0016	0.013	113		8.35	8.40					1							
23003	8.977	0.014	8.759	0.016		0.208	0.020	T	0.23	0.02	L	8.7862	0.0017	0.011	81		8.77	8.81		C			1							
23004	9.347	0.013	8.110	0.008		1.056	0.012	T	1.02	0.01	L	8.1470	0.0014	0.016	136		8.12	8.17		C			1							
23005	7.954	0.009	7.765	0.011		0.173	0.014	T	0.19	0.01	L	7.8114	0.0012	0.011	92		7.79	7.83		C			1							S
23006	9.945	0.024	8.195	0.010		1.459	0.021	T	1.47	0.03	L	8.1711	0.0015	0.015	130		8.14	8.21					1	G						
23007	10.109	0.030	8.859	0.018		1.066	0.027	T	1.03	0.02	L	8.9254	0.0022	0.018	106		8.90	8.96					1							
23008	10.703	0.049	9.397	0.027		1.110	0.044	T	1.07	0.05	L	9.4438	0.0029	0.020	79		9.40	9.48		C			1							
23009	10.211	0.027	8.747	0.014		1.234	0.024	T	1.19	0.02	L	8.7950	0.0026	0.023	104		8.76	8.84					1							
23010	8.630	0.009	8.130	0.009		0.470	0.012	T	0.54	0.01	L	8.1985	0.0012	0.012	127		8.18	8.22		C			1							
23011	7.236	0.006	6.917	0.006		0.315	0.015	G	0.36	0.02	H	6.9629	0.0013	0.007	72		6.94	6.97					1							S
23012	8.114	0.009	7.924	0.010		0.174	0.013	T	0.19	0.01	L	7.9629	0.0014	0.013	104		7.94	7.99		C			1							S
23013	9.962	0.039	8.833	0.026		0.972	0.036	T	0.96	0.03	L	8.7978	0.0085	0.061	55		8.73	8.94	58.19	P 1 A			1	S						
23014	7.402	0.008	7.333	0.008		0.069	0.011	T	0.08	0.01	L	7.3540	0.0008	0.009	84		7.34	7.37					1							S
23015	4.683	0.004	2.857	0.003		1.490	0.042	G	1.46	0.03	C	2.8337	0.0014	0.005	39		2.83	2.84					1							S
23016	10.339	0.023	9.515	0.018		0.690	0.020	G	0.75	0.02	H	9.5921	0.0018	0.023	169		9.55	9.63		C			1							
23017	9.474	0.019	8.960	0.019	*	0.493	0.020	T	0.57	0.02	L	* 8.9999	0.0026	0.017	94	*	8.96	9.03		D	04570−4642	H 1	2 C	A	AB	259	0.241	0.015	1.52	0.24	
23018	11.266	0.097	10.395	0.071		0.724	0.086	G	0.77	0.07	R	10.6457	0.0043	0.028	44		10.61	10.68		C			1							G
23019	10.923	0.033	10.328	0.031		0.555	0.040	T	0.63	0.04	L	10.3976	0.0029	0.043	251		10.32	10.48					1							G
23020	7.411	0.008	6.993	0.006		0.395	0.009	T	0.46	0.01	L	7.0364	0.0011	0.007	68		7.02	7.05					1							S
23021	9.779	0.017	9.360	0.017		0.409	0.020	T	0.48	0.02	L	9.4180	0.0020	0.027	146		9.37	9.46		C			1							S
23022	9.668	0.025	9.062	0.023		0.565	0.030	T	0.64	0.03	L	9.1145	0.0019	0.015	43		9.07	9.15		D			1							
23023	10.205	0.045	9.599	0.041		0.565	0.053	T	0.64	0.05	L	9.6152	0.0039	0.018	42		9.58	9.65		C			1							G
23024	7.887	0.010	7.889	0.013		0.003	0.015	T	0.02	0.01	L	7.9019	0.0011	0.009	83		7.88	7.92		C			1							S
23025	8.730	0.012	8.494	0.013		0.220	0.018	T	0.24	0.02	L	8.5329	0.0017	0.015	101		8.51	8.56		C			1							S
23026	8.379	0.011	8.354	0.014		0.028	0.016	T	0.04	0.01	L	8.3588	0.0013	0.010	63		8.35	8.38		C			1							S
23027	9.552	0.026	8.744	0.021		0.714	0.026	T	0.77	0.02	L	8.7438	0.0028	0.018	44		8.71	8.76					1							
23028	7.336	0.005	7.221	0.007		0.104	0.008	T	0.12	0.01	L	7.2544	0.0010	0.009	100		7.24	7.27					1							S
23029	7.256	0.005	6.858	0.005		0.425	0.003	G	0.49	0.00	H	6.9050	0.0008	0.008	108		6.89	6.92		C			1							S
23030	9.235	0.021	9.023	0.024		0.202	0.030	T	0.22	0.03	L	9.0708	0.0023	0.017	53		9.05	9.10		C			1							
23031	10.049	0.039	9.572	0.039		0.449	0.050	T	0.52	0.05	L	9.5771	0.0041	0.029	57		9.53	9.61					1	S						
23032	10.517	0.053	9.760	0.042	*	0.691	0.053	T	0.75	0.04	L	* 9.8000	0.0032	0.019	46	*	9.73	9.83		D	04572+2457	H 1	2 C	A	AB	324	0.284	0.018	1.32	0.21	G
23033	8.770	0.012	6.808	0.005		1.663	0.011	T	2.66	0.02	O	6.5482	0.0038	0.041	103		6.46	6.63		U 2			1	S						S P
23034	9.822	0.020	8.742	0.013		0.934	0.018	T	0.93	0.01	L	8.7914	0.0016	0.017	106		8.77	8.83		C			1							
23035	8.253	0.011	7.916	0.009		0.320	0.013	T	0.37	0.02	L	7.9488	0.0011	0.011	99		7.93	7.97					1							S
23036	10.584	0.037	9.878	0.030		0.637	0.036	T	0.70	0.03	L	9.8945	0.0020	0.021	118		9.85	9.93		C			1							
23037	8.024	0.008	6.928	0.006	*	0.947	0.008	T	0.94	0.01	L	* 6.9243	0.0008	0.009	202	*	6.91	6.94		D	04573+6145	I 1	2 C	A	AB	308	0.766	0.003	1.16	0.01	S
23038	10.442	0.027	8.363	0.009		1.720	0.023	T	1.75	0.02	L	8.2767	0.0014	0.019	159		8.25	8.30					1							
23039	9.692	0.021	8.373	0.013		1.120	0.019	T	1.08	0.02	L	8.4086	0.0016	0.016	95		8.38	8.44					1							
23040	4.442	0.003	4.451	0.003	*	−0.017	0.003	G	0.06	0.03	C	* 4.4473	0.0013	0.009	77	*	4.43	4.46		D	04573+5345	I 1	2 C	A	AB	222	0.489	0.018	3.40	0.08	S
23041	6.749	0.006	6.285	0.006		0.423	0.005	G	0.49	0.01	H	6.3460	0.0007	0.006	72		6.34	6.35		C			1							S
23042	9.736	0.020	9.012	0.017		0.649	0.003	G	0.71	0.00	H	9.0739	0.0021	0.017	96		9.05	9.10					1							
23043	7.190	0.008	5.641	0.003		1.304	0.005	G	1.21	0.04	E	5.6743	0.0006	0.005	69		5.66	5.68		C			1							S
23044	9.251	0.019	8.597	0.017	*	0.616	0.006	G	0.68	0.01	H	* 8.6213	0.0022	0.015	71	*	8.60	8.65		D	04574+0100	I 1	2 C	A	BA	306	0.323	0.004	0.32	0.06	
23045	10.788	0.049	10.126	0.044		0.614	0.055	T	0.68	0.05	L	10.1414	0.0026	0.020	93		10.10	10.17		C			1							G
23046	8.945	0.013	8.428	0.012		0.477	0.003	G	0.55	0.00	H	8.4674	0.0014	0.013	112		8.43	8.49					1							S
23047	7.994	0.007	6.825	0.004		1.003	0.006	T	0.98	0.01	L	6.8812	0.0009	0.009	150		6.87	6.90		C			1							S
23048	11.091	0.086	10.019	0.053		0.928	0.077	T	0.92	0.06	L	10.2178	0.0043	0.026	50		10.18	10.26		C			1							G
23049	10.004	0.039	9.225	0.032		0.708	0.039	T	0.76	0.03	L	9.3257	0.0017	0.015	57		9.29	9.35		C			1							
23050	9.432	0.016	8.362	0.011		0.927	0.015	T	0.92	0.01	L	8.4259	0.0013	0.015	107		8.40	8.46					1							S
23051	9.078	0.012	8.758	0.012		0.307	0.018	T	0.35	0.02	L	8.7989	0.0011	0.017	127		8.77	8.83					1							
23052	9.031	0.031	8.558	0.030	A	0.446	0.039	T	0.52	0.04	L	8.5888	0.0094	0.019	55	A	8.54	8.62		D	04577−0545	I 2	1 C P	B						
23053	9.522	0.030	9.163	0.031	B	0.340	0.040	T	0.40	0.05	L	9.2423	0.0134			B				D	04577−0545	I 2	1 C I	B						
23054	9.278	0.021	8.680	0.020		0.558	0.026	T	0.63	0.02	L	8.7297	0.0018	0.012	54		8.71	8.77					1							
23055	8.404	0.010	8.279	0.011		0.121	0.014	T	0.14	0.01	L	8.2932	0.0014	0.012	114		8.27	8.32		C			1							S
23056	9.730	0.031	9.009	0.026		0.624	0.011	G	0.69	0.01	H	9.0313	0.0023	0.012	41		9.01	9.06		C			1							
23057	9.845	0.028	9.281	0.027		0.528	0.035	T	0.60	0.04	L	9.3643	0.0026	0.016	70		9.34	9.40		C			1							
23058	7.642	0.007	7.580	0.008		0.051	0.002	G	0.06	0.00	H	7.5960	0.0011	0.013	139		7.57	7.62		C			1							S
23059	9.765	0.018	7.865	0.008		1.612	0.016	T	1.94	0.05	O	7.7575	0.0022	0.018	120		7.73	7.79		U			1							S
23060	5.870	0.003	6.112	0.004		−0.202	0.004	G	−0.21	0.01	H	6.0785	0.0008	0.008	131		6.07	6.09		C			1							S
23061	9.070	0.013	7.715	0.008		1.148	0.012	T	1.11	0.01	L	7.7657	0.0011	0.012	132		7.75	7.79		C			1							S
23062	10.159	0.028	8.925	0.017		1.054	0.026	T	1.02	0.02	L	9.0149	0.0016	0.020	101		8.98	9.04		D			1							
23063	10.324	0.025	8.879	0.013		1.219	0.022	T	1.18	0.02	L	8.9039	0.0017	0.018	161		8.87	8.94		C			1							
23064	10.722	0.061	9.314	0.031		1.190	0.054	T	1.15	0.05	L	9.3149	0.0025	0.025	57		9.28	9.36		D			1							
23065	10.331	0.026	9.072	0.015		1.043	0.005	G	1.01	0.00	H	9.1340	0.0025	0.022	130		9.10	9.17					1							
23066	7.293	0.004	7.267	0.005		0.029	0.006	T	0.05	0.01	L	7.2744	0.0009	0.011	182		7.25	7.29		C			1							S
23067	8.879	0.014	7.766	0.010		0.959	0.013	T	0.95	0.01	L	7.8368	0.0014	0.009	73		7.82	7.85		C			1							S
23068	7.207	0.010	5.930	0.004		1.109	0.015	G	1.00	0.04	E	5.9648	0.0011	0.006	46		5.95	5.98		C	04578+2357	I 1	1	S						S
23069	9.829	0.024	8.991	0.019		0.737	0.001	G	0.78	0.00	H	9.0270	0.0021	0.016	89		9.00	9.05		C			1							
23070	9.888	0.013	8.286	0.007		1.342	0.012	T	1.31	0.01	L	8.2998	0.0012	0.017	269		8.27	8.33					1							
23071	9.252	0.021	8.193	0.015		0.918	0.020	T	0.92	0.01	L	8.2257	0.0021	0.012	53		8.20	8.24		C			1							
23072	10.996	0.049	9.220	0.019		1.480	0.042	T	1.50	0.06	L	9.1727	0.0023	0.019	110		9.13	9.20					1							
23073	9.961	0.024	8.749	0.015		1.036	0.022	T	1.01	0.02	L	8.7905	0.0020	0.016	97		8.77	8.82		C			1							
23074	10.020	0.022	8.914	0.015		0.954	0.021	T	0.94	0.01	L	8.9772	0.0014	0.018	114		8.95	9.01					1							
23075	8.691	0.012	8.461	0.014		0.199	0.009	G	0.22	0.01	H	8.5038	0.0017	0.012	93		8.48	8.53		C			1							
23076	8.487	0.017	7.255	0.009		1.052	0.015	T	1.02	0.01	L	7.3102	0.0017	0.009	63		7.29	7.33		C			1							S
23077	10.035	0.031	9.479	0.028		0.521	0.037	T	0.59	0.04	L	9.5225	0.0025	0.018	85		9.50	9.55		C			1							
23078	8.675	0.011	7.542	0.007	*	0.975	0.010	T	0.96	0.01	L	* 7.5789	0.0011	0.009	102	*	7.56	7.60		D	04580−5035	I 1	2 C	A	AB	285	0.498	0.004	1.74	0.02	S
23079	7.597	0.007	7.519	0.008		0.070	0.010	T	0.08	0.01	L	7.5425	0.0012	0.010	112		7.52	7.56		C			1	G						S
23080	9.081	0.019	8.250	0.015		0.750	0.004	G	0.79	0.00	H	8.2940	0.0022	0.015	63		8.27	8.32					1							
23081	8.842	0.012	7.042	0.006		1.499	0.011	T	1.53	0.02	L	6.9965	0.0012	0.011	103		6.98	7.01					1							S
23082	10.104	0.081	8.257	0.031		1.536	0.069	T	1.59	0.15	L	8.2974	0.0035	0.017	52		8.27	8.31					1	S						
23083	8.140	0.008	8.028	0.010		0.109	0.012	T	0.12	0.01	L	8.0683	0.0015	0.013	112		8.05	8.10		C			1							
23084	7.589	0.007	7.523	0.008		0.056	0.002	G	0.07	0.00	H	7.5415	0.0009	0.012	106		7.51	7.57					1							S
23085	11.594	0.113	10.600	0.072		0.870	0.100	T	0.88	0.07	L	10.5859	0.0035	0.026	90		10.54	10.63		C			1							G
23086	8.502	0.013	8.281	0.014		0.192	0.005	G	0.21	0.01	H	8.3158	0.0021	0.013	70		8.29	8.33		C			1							S
23087	9.159	0.029	8.831	0.031		0.360	0.015	G	0.42	0.02	H	8.8736	0.0030	0.017	33		8.84	8.90					1							
23088	5.810	0.004	5.791	0.004		0.018	0.005	T	0.04	0.01	L	5.8065	0.0007	0.006	51		5.80	5.82		C	04581+2503	I 1	1							S
23089	9.667	0.022	9.436	0.025		0.220	0.031	T	0.24	0.04	L	9.4893	0.0020	0.019	109		9.46	9.53		C			1							
23090	6.792	0.004	6.687	0.004		0.102	0.005	T	0.12	0.01	L	6.7117	0.0008	0.008	177		6.70	6.74					1							S
23091	10.323	0.021	8.493	0.009		1.522	0.018	T	1.56	0.03	L	8.4557	0.0012	0.018	219		8.42	8.49					1							
23092	6.472	0.005	6.350	0.005		0.110	0.007	T	0.12	0.01	L	6.3821	0.0009	0.006	70		6.37	6.40			04582−0213	I 1	1							S
23093	8.841	0.009	8.197	0.008		0.598	0.010	T	0.67	0.01	L	8.2642	0.0012	0.016	168		8.24	8.29		C			1							S
23094	9.011	0.015	8.517	0.014		0.503	0.015	G	0.58	0.02	H	8.5675	0.0019	0.015	76		8.54	8.59		C			1							
23095	10.294	0.028	8.742	0.014		1.303	0.025	T	1.26	0.03	L	8.7684	0.0019	0.021	121		8.73	8.80					1							
23096	10.952	0.038	9.072	0.013		1.562	0.032	T	1.58	0.03	L	9.0175	0.0023	0.025	173		8.98	9.07					1							
23097	9.989	0.024	9.236	0.020	*	0.673	0.024	T	0.73	0.02	L	* 9.2943	0.0024	0.019	91	*	9.26	9.32		D	04582−4033	I 1	2 C	A	AB	31	0.238	0.016	1.70	0.23	
23098	9.570	0.030	9.498	0.039		0.065	0.044	T	0.07	0.05	L	9.5272	0.0029	0.018	65		9.50	9.56		C			1							
23099	11.569	0.114	10.905	0.096		0.522	0.107	G	0.59	0.11	R	10.6993	0.0030	0.029	86		10.64	10.75		D			1	S						G
23100	7.814	0.012	7.285	0.012		0.496	0.015	T	0.57	0.02	L	7.3210	0.0013	0.006	48		7.31	7.34					1	S						S

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion μα* mas/yr 12	μδ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	μα* mas/yr 17	μδ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	μα*/α* 22	μα*/δ 23	μα*/π 24	μδ/α* 25	μδ/δ 26	μδ/π 27	μδ/μα* 28	Soln F1 % 29	F2 30
23101		04 58 12.96	−00 18 55.4	9.83		H	74.553 985 74	−00.315 393 72		3.29	−4.43	3.08	1.58	0.95	1.80	1.70	1.07	−13	+41	−32	+40	−4	+13	−9	+39	−23	+3	0	−0.79
23102		04 58 13.59	−00 33 20.6	8.90		H	74.556 632 54	−00.555 715 41		5.88	−6.18	−5.44	1.30	0.78	1.49	1.46	0.89	−10	+41	−30	+33	−3	+14	−10	+41	−28	+0	0	0.06
23103		04 58 14.10	+04 08 02.2	9.26		H	74.558 767 06	+04.133 939 82		3.28	0.65	−5.24	1.12	0.73	1.33	1.45	0.91	+6	+35	+0	+19	+11	+4	+9	+51	−15	−10	0	−0.16
23104		04 58 16.56	+48 03 11.6	9.21		H	74.569 013 62	+48.053 227 83		1.32	−2.29	−0.83	1.10	0.81	1.23	1.48	0.93	+25	+15	−25	−28	−29	+22	−27	−2	+2	+43	5	1.01
23105		04 58 17.08	+00 27 14.4	7.20	2	H	74.571 160 69	+00.453 989 46		29.85	−159.48	−13.46	0.91	0.58	1.04	1.03	0.67	+5	+39	−20	+26	+13	−15	+4	+42	−14	+19	5	1.49
23106		04 58 17.95	−75 16 38.0	8.06	2	H	74.574 775 29	−75.277 211 01		3.43	−4.00	−2.55	0.56	0.60	0.61	0.57	0.78	+0	+16	−13	−21	−9	+12	−12	+6	−6	+4	0	−0.65
23107		04 58 19.28	+35 08 07.7	8.57		H	74.580 320 15	+35.135 472 07		4.52	17.37	−27.05	1.20	0.86	1.46	1.10	0.76	−28	+49	−50	+13	−1	+11	+1	+12	−6	+3	6	1.37
23108		04 58 19.89	−44 49 44.0	8.85		H	74.582 884 19	−44.828 896 18		3.73	−10.59	−20.74	0.76	0.82	0.93	0.86	1.03	−2	+21	+14	−12	−1	+11	+0	−10	+14	−18	1	−0.64
23109	H	04 58 21.47	+18 59 36.2	9.38		H	74.589 440 32	+18.993 379 88	A	5.17	10.59	−6.26	2.53	1.76	2.20	2.48	1.94	−7	+28	−17	−11	+16	−3	+4	+17	+1	+41	0	0.62
23110		04 58 21.79	+38 43 36.3	8.90		H	74.590 788 41	+38.726 754 46		2.67	4.53	−16.64	1.18	0.86	1.34	1.75	1.10	+0	+24	−29	−12	−13	+2	−7	+4	+19	+14	0	0.79
23111		04 58 22.98	+02 04 30.3	9.07		H	74.595 754 51	+02.075 073 23		0.92	1.91	−4.71	1.32	0.77	1.68	1.37	0.93	+1	+51	−28	+10	+6	+11	−11	+44	−34	+18	0	0.04
23112		04 58 23.03	−25 57 04.6	9.80	2	H	74.595 959 88	−25.951 275 60		0.79	4.03	8.55	1.54	2.23	2.83	1.82	2.83	−13	+12	−15	−20	−2	+1	−3	+9	−6	−8	2	
23113		04 58 23.76	+51 49 34.6	11.80		H	74.599 007 67	+51.826 283 06		10.03	7.39	−14.92	3.50	2.93	4.03	4.41	3.11	+30	+19	−4	+0	−28	−14	−23	+17	−15	+23	0	3.05
23114		04 58 24.00	+76 08 51.9	10.62	2	H	74.599 987 33	+76.147 759 43		0.02	1.05	−13.01	1.03	1.40	1.75	1.11	1.60	−1	+8	+23	−11	+15	+16	+13	−7	+2	+1	1	−0.70
23115		04 58 25.45	−44 34 38.7	8.30		H	74.606 059 65	−44.577 415 55		3.11	9.61	5.39	0.68	0.72	0.80	0.84	0.89	−7	+13	+15	−15	+0	+13	−2	−20	+9	−31	1	0.00
23116	H	04 58 26.15	−03 43 58.8	6.97		G	74.608 975 84	−03.733 003 61	A	20.13	78.36	48.37	1.27	0.84	1.08	1.20	0.84	−2	+21	−5	+29	−14	+12	−11	+35	−1	−18	1	−0.18
23117		04 58 28.45	+37 19 45.0	6.74		H	74.618 556 48	+37.329 155 06		17.13	30.31	−48.71	0.80	0.60	0.97	0.68	0.56	+1	+50	−39	+3	+25	−13	+10	+25	−16	+47	0	1.93
23118		04 58 30.59	−78 11 10.3	8.32		G	74.627 478 61	−78.186 196 54		7.50	31.65	41.76	0.62	0.61	0.66	0.70	0.87	−14	+20	−4	−19	+5	−2	+7	−7	+2	−22	0	−1.00
23119		04 58 31.28	−55 28 14.4	8.88		H	74.630 321 14	−55.470 670 86		3.59	13.77	25.72	0.74	0.80	0.83	0.84	0.84	−1	+2	+10	−16	+0	−12	+3	−2	+8	−14	1	0.21
23120		04 58 31.86	−40 54 25.7	8.69		H	74.632 739 62	−40.907 133 45		3.11	3.31	−1.18	0.75	0.87	0.92	0.75	1.05	−9	−3	−12	−28	−6	+23	−4	−31	+8	+6	2	−0.84
23121		04 58 32.41	−59 07 54.3	7.78		H	74.635 061 29	−59.131 747 80		3.35	3.11	−34.12	0.67	0.59	0.66	0.79	0.72	−2	−2	−9	+0	−10	+5	−8	+7	+0	−24	0	−2.49
23122		04 58 32.48	−54 10 18.0	7.77		H	74.635 323 97	−54.171 657 18		10.31	−15.84	−77.98	0.66	0.62	0.66	0.69	0.75	−6	−14	+3	+13	−0	−32	+4	−13	−1	−4	0	−1.49
23123		04 58 32.90	+01 42 50.5	4.47		G	74.637 095 25	+01.714 035 06		3.42	−1.59	−7.93	0.68	0.52	0.86	0.80	0.62	+18	+22	−34	+29	+25	−14	+11	+55	−33	+38	0	2.46
23124	H	04 58 33.19	+67 25 13.5	8.12		H	74.638 273 80	+67.420 406 86	*	6.29	32.99	−31.18	0.56	0.64	0.90	0.68	0.73	+8	+9	+5	+4	+14	+10	+13	+10	+0	+4	0	−0.20
23125		04 58 33.22	−28 53 15.8	7.35	2	H	74.638 422 50	−28.887 730 11		1.30	0.51	−4.72	0.47	0.57	0.74	0.55	0.75	−4	+10	−14	−22	+6	+4	+3	+0	−13	+8	0	0.75
*23126		04 58 34.45	−32 06 42.7	10.26		H	74.643 535 19	−32.111 862 85		0.80	27.50	−6.47	1.04	1.27	1.62	1.21	1.67	−17	+24	−10	+10	+1	+4	−3	−6	−13	−23	0	0.66
*23127		04 58 34.36	−27 03 52.8	9.72		G	74.643 175 84	−27.064 679 00		18.49	−24.89	11.63	0.88	1.19	1.57	0.99	1.49	+1	+2	−6	−30	+5	+14	+5	+5	−16	+1	0	1.83
23128		04 58 35.79	−09 20 02.6	7.94		H	74.649 106 67	−09.334 056 65		23.13	−33.01	−97.78	0.71	0.56	0.92	0.76	0.64	−19	+24	−16	+25	−29	−2	−32	+18	−9	−19	2	1.50
23129		04 58 36.27	−14 47 02.8	7.38		H	74.651 111 26	−14.784 111 61		6.73	14.72	10.99	0.56	0.51	0.80	0.70	0.59	−8	+20	−24	+10	−9	+2	−12	−9	+4	−33	0	0.60
23130		04 58 36.88	−04 33 33.2	8.08		H	74.653 663 67	−04.559 228 97		6.39	11.62	−14.86	0.85	0.61	0.99	1.05	0.76	−3	+18	−22	+33	−3	−13	−6	+36	+0	+9	0	0.78
23131		04 58 37.35	−01 24 41.0	10.26		H	74.655 615 56	−01.411 375 76		4.71	−7.63	−1.00	1.39	0.96	1.64	1.58	1.07	+4	+27	−28	+17	+12	−11	+2	+38	−21	+22	0	−0.31
23132		04 58 39.28	+34 23 32.3	7.97		G	74.663 673 83	+34.392 309 29		5.41	−10.27	−3.44	0.90	0.69	1.07	0.98	0.72	−2	+31	−39	+0	+17	−6	+11	+7	−11	+23	0	1.20
23133		04 58 41.16	−27 26 18.0	8.34		H	74.671 513 83	−27.438 319 61		4.12	−3.32	−6.17	0.54	0.68	0.90	0.69	0.88	−4	+9	−13	−19	−1	+7	−2	+6	−6	−1	0	−1.22
23134		04 58 41.78	+18 38 23.8	9.51		H	74.674 068 42	+18.639 942 04		5.26	−7.24	−24.82	1.32	1.08	1.48	1.80	1.38	+20	+15	−30	+9	+21	−6	+15	+27	+5	+50	0	0.43
23135		04 58 42.17	+42 29 56.1	9.88		H	74.675 717 26	+42.498 908 20		3.33	−1.24	−4.41	1.68	1.02	1.84	1.74	1.19	+28	+46	+8	+2	−1	−3	−13	+43	−24	+32	0	1.41
23136		04 58 42.40	+32 24 13.8	8.64		H	74.676 685 30	+32.403 829 70		5.47	27.20	−10.76	1.05	0.74	1.14	1.12	0.89	−9	+42	−21	−3	+24	−7	+17	+5	−9	+5	0	−0.15
23137		04 58 44.67	−17 48 24.7	7.06		H	74.686 112 00	−17.806 872 96		5.05	11.52	22.67	0.48	0.47	0.79	0.66	0.62	+20	+17	−10	+14	−28	+1	−33	+5	−13	−32	0	1.79
23138		04 58 44.75	−20 32 50.9	9.35		H	74.686 474 86	−20.547 483 67		2.17	17.49	−39.35	0.89	1.02	1.47	0.96	1.28	+4	+11	−24	+8	−26	+6	−35	−5	−11	−28	0	−0.56
23139		04 58 44.93	+17 59 14.1	9.02		H	74.687 192 64	+17.987 243 95		10.39	−34.26	−66.56	1.17	0.79	1.31	1.52	0.97	+9	+37	−12	+5	−6	−7	−4	+23	+8	+27	0	1.66
23140		04 58 45.53	+50 56 40.7	10.97		G	74.689 688 85	+50.944 642 33		51.51	502.53	−335.69	2.19	1.72	2.45	2.91	1.88	+11	+26	−5	+9	−33	+5	−26	+27	−15	−8	0	0.59
23141		04 58 45.62	+28 47 25.6	9.37		H	74.690 085 90	+28.790 448 59		18.65	78.16	−185.82	1.46	1.14	1.57	1.47	1.33	+21	+33	+19	+28	+15	+5	+31	+58	+38	+38	0	0.03
23142		04 58 45.77	−47 19 20.0	8.74		H	74.690 717 85	−47.322 235 95		3.43	−4.74	17.52	0.65	0.74	0.80	0.73	0.88	−2	+7	−11	+4	−13	+23	−11	−2	+2	+7	0	0.84
23143		04 58 46.26	+29 50 37.2	7.73	2	H	74.692 759 50	+29.843 668 60		7.62	6.25	−23.80	1.08	0.72	1.18	1.22	0.91	+13	+49	−10	−1	−19	−6	−14	+7	+7	+35	0	0.01
23144		04 58 47.08	+40 15 01.2	8.78		H	74.696 187 21	+40.250 330 63		8.29	−39.55	8.95	1.16	0.97	1.32	1.44	1.17	+16	+29	−19	+21	+28	−14	+19	+37	−15	+32	0	2.50
23145		04 58 48.63	−67 06 06.1	9.35		H	74.702 625 98	−67.101 703 64		0.21	19.07	29.41	0.98	1.03	1.03	1.06	1.47	−16	+2	+1	−12	+5	+8	+6	+1	+3	−15	3	−1.21
23146		04 58 48.78	−45 17 25.6	8.01		H	74.703 249 65	−45.290 455 76		4.95	0.55	24.06	0.55	0.64	0.69	0.58	0.78	+3	+16	+11	−8	+3	−3	+6	−2	+18	−6	3	−1.99
23147		04 58 50.47	+49 50 58.4	9.80		G	74.710 305 49	+49.849 562 22		60.48	111.58	−113.85	1.29	1.05	1.56	1.61	1.18	+1	+20	−26	+2	−1	−3	−1	+27	−16	−11	0	1.08
23148		04 58 50.99	−82 28 13.9	5.84		H	74.712 446 67	−82.470 522 55		9.34	−5.10	4.12	0.42	0.45	0.48	0.44	0.55	+0	+24	+2	+2	+1	−3	−3	+16	−17	−4	1	−0.58
23149		04 58 51.92	−03 48 01.6	9.52		H	74.716 347 86	−03.800 458 17		1.91	3.77	−2.62	1.19	0.81	1.28	1.42	0.99	−6	+22	−5	+45	−21	−1	−20	+30	+0	−5	0	0.01
23150		04 58 52.04	+23 50 12.1	8.63		H	74.716 812 54	+23.836 696 89		3.56	−0.57	−4.14	1.25	0.83	1.26	1.51	1.09	+37	+38	−17	−39	−29	+0	−31	−28	+1	+68	0	−1.19
23151		04 58 52.75	+24 29 44.6	7.99	2	G	74.719 806 60	+24.495 721 58		2.64	2.77	−4.11	1.35	0.87	1.50	1.63	1.09	+23	+55	−23	−28	−28	−14	−26	−32	−1	+54	0	−1.18
23152	H	04 58 52.89	−44 40 37.4	8.75		H	74.720 375 01	−44.677 067 64	*	1.81	−1.42	19.31	1.49	1.38	1.13	1.08	1.29	−7	+12	+17	−7	+12	+21	+8	−20	+9	−21	2	−0.76
23153		04 58 53.03	+08 58 28.1	8.45		H	74.720 942 69	+08.974 467 27		2.24	1.89	−7.31	1.05	0.63	1.25	1.27	0.72	−2	+36	−31	+30	+8	+0	−3	+57	−32	+2	0	0.17
23154		04 58 53.61	+81 38 10.1	8.02		H	74.723 377 31	+81.636 150 09		3.31	11.73	−17.79	0.52	0.59	0.70	0.51	0.65	+2	+30	+3	+1	+17	+11	+16	−10	−6	+17	1	−0.50
23155		04 58 53.66	+10 33 18.3	10.96		H	74.723 597 11	+10.555 071 38		18.28	55.24	−152.87	2.18	1.19	2.40	2.56	1.40	−7	+39	−13	+19	+3	−3	−6	+48	−23	−6	2	0.26
23156		04 58 54.34	+46 58 22.7	9.78		H	74.726 417 97	+46.972 970 56		−0.03	−0.31	−4.75	1.41	1.05	1.51	1.86	1.18	+1	+0	−21	+20	−35	+16	−31	+42	+2	+15	0	0.16
23157		04 58 54.97	−61 06 22.9	8.75		H	74.729 035 82	−61.106 364 31		16.17	−70.28	−186.18	0.78	0.72	0.77	0.86	0.91	−7	−7	−5	−38	+0	+11	+2	+1	+15	−13	0	0.22
23158		04 58 56.02	−43 41 38.9	8.35		G	74.733 398 58	−43.694 152 40		13.75	40.29	49.41	0.64	0.80	0.82	0.81	0.98	−2	+4	+1	−14	−3	+13	−4	−19	+16	−18	0	−0.54
23159		04 58 57.20	+14 32 58.5	7.58		H	74.738 347 18	+14.549 584 55		5.32	4.92	−4.02	1.16	0.74	1.57	1.29	0.90	+39	+25	−21	+23	+34	−3	+19	+73	−37	+48	0	−0.18
23160		04 58 58.18	+69 06 42.0	8.23		H	74.742 410 11	+69.111 655 17		1.50	3.63	3.74	0.51	0.65	0.93	0.68	0.78	−8	−3	−3	−12	−14	−1	−14	+10	+17	−4	0	1.25
23161		04 58 59.41	+14 32 35.7	6.14		H	74.747 528 99	+14.543 245 10		4.86	6.17	−2.05	0.91	0.60	1.22	0.99	0.72	+44	+25	−20	+20	+35	−1	+20	+71	−36	+52	0	1.04
*23162	H	04 58 59.89	+13 41 27.0	9.97		H	74.749 542 53	+13.690 832 51	*	7.54	−13.58	−14.73	2.84	2.29	2.93	2.63	1.75	+23	+35	−5	+12	+32	−13	+18	+57	−25	+35	0	−0.98
*23163		04 58 59.86	+12 57 38.3	9.41		H	74.749 433 64	+12.960 636 61		3.75	1.63	12.69	1.43	0.90	1.70	1.84	1.04	+15	+5	−22	+37	+25	−17	+17	+73	−34	+23	0	1.24
23164		04 59 00.29	−43 23 32.7	7.92		H	74.751 203 91	−43.392 406 47		8.68	−14.58	−45.72	0.58	0.68	0.70	0.62	0.80	−7	+11	+3	−16	+0	+6	−2	−38	+7	−15	0	−0.46
23165		04 59 00.56	+08 07 49.7	10.24	3	H	74.752 323 76	+08.130 484 15		−0.31	5.95	−0.88	2.78	1.19	3.23	1.89	1.29	+14	+82	−3	+16	+27	+1	−4	+55	−23	+27	0	−0.47
23166	H	04 59 01.44	−16 22 34.8	5.65		H	74.755 991 03	−16.376 336 81	A	23.17	−121.61	127.52	0.83	0.65	0.83	0.85	0.63	−18	+8	−19	−21	+4	+20	+11	−7	−11	−45	2	1.03
23167		04 59 02.69	+21 44 11.8	9.53		H	74.761 203 07	+21.736 612 80		3.81	30.12	−67.33	1.21	0.91	1.39	1.59	1.08	+11	+30	−29	+16	+17	−26	+5	+42	−16	+31	0	0.30
23168		04 59 03.74	+51 56 32.1	8.13		H	74.765 566 79	+51.942 257 01		4.54	−8.34	−5.94	1.03	0.83	1.21	1.32	0.96	+20	−7	−27	+15	−18	−4	−19	+16	+17	+19	0	−2.69
23169		04 59 04.26	+56 35 49.2	8.85		H	74.767 763 47	+56.597 008 88		6.79	65.86	−70.66	0.86	0.76	1.27	0.95	0.88	−21	+41	−38	+1	−2	−4	−10	+9	−17	+26	0	2.25
23170	H	04 59 05.14	+63 22 06.4	8.36		H	74.771 404 49	+63.368 430 90	*	12.12	−41.05	−6.84	0.67	0.61	0.95	0.81	0.71	−4	+2	−6	−15	+44	−1	+37	+10	+4	+20	0	0.90
23171	H	04 59 05.66	−63 25 30.1	9.84		H	74.773 571 18	−63.425 037 23	A	11.01	27.24	30.03	2.26	2.39	1.86	1.97	2.71	−10	+17	−2	−23	+10	−5	+9	−18	+1	−6	1	0.87
23172		04 59 05.78	−12 46 00.9	8.12		H	74.774 086 49	−12.766 923 03		13.06	10.66	−17.22	0.60	0.55	0.92	0.67	0.60	+2	+31	−15	+14	−11	+0	−13	+11	−7	−4	0	−0.43
23173		04 59 05.85	−02 08 12.0	7.51		H	74.774 380 67	−02.136 658 69		5.03	−3.67	9.25	0.81	0.60	0.96	0.98	0.70	+17	+19	−22	+29	+18	−23	+8	+49	−24	+29	0	−0.67
23174		04 59 07.01	−50 08 31.3	8.57		H	74.779 205 21	−50.142 038 04		3.64	−1.90	10.97	0.69	0.73	0.78	0.79	0.91	−2	−7	+2	−7	−5	+2	−5	−15	+0	+6	1	−0.17
23175		04 59 08.39	+77 26 32.0	9.10		H	74.784 968 40	+77.442 224 13		2.80	0.64	−8.67	0.66	0.77	0.96	0.77	0.94	−5	+12	+15	+6	+9	+0	+11	−5	+2	−3	0	−1.23
23176		04 59 08.74	−28 26 26.8	7.61		H	74.786 409 63	−28.440 778 77		5.37	−3.39	39.05	0.48	0.59	0.76	0.55	0.72	−10	+12	−5	−12	+0	+5	−2	+1	−8	−4	0	1.09
23177		04 59 09.06	−65 40 03.7	9.98	2	H	74.787 743 71	−65.667 701 43		−0.18	0.25	1.15	1.23	1.20	1.23	1.10	1.66	−9	+9	−11	−50	+16	−1	+15	−18	−4	+21	1	1.94
23178		04 59 09.36	+19 44 45.6	9.52		H	74.788 985 59	+19.746 006 84		4.30	10.34	−3.81	1.38	0.92	1.54	1.50	1.19	−4	+55	−27	+8	+8	+7	+10	+15	+7	+34	0	−2.19
23179	H	04 59 15.38	+37 53 25.7	4.93		H	74.814 064 25	+37.890 482 40	A	20.50	46.26	−97.81	0.88	0.64	0.94	0.75	0.57	−21	+37	−46	−6	+13	+11	+14	+4	−7	+15	3	0.20
23180	H	04 59 15.84	−84 01 21.2	9.90		H	74.816 017 79	−84.022 553 56	A	5.33	8.94	14.05	4.21	3.02	1.57	1.68	1.80	+33	+11	+7	+5	+6	−3	+8	+17	+7	+7	2	−1.66
23181		04 59 17.62	+52 29 34.6	7.91		H	74.823 410 08	+52.492 954 23		6.39	5.34	−60.06	1.27	0.90	1.18	1.52	1.13	−23	+12	−35	+41	−48	+4	−58	+37	+3	−18	2	−1.18
23182		04 59 18.07	−07 46 52.7	8.12		H	74.825 277 06	−07.781 299 18		2.97	3.14	−11.84	1.12	0.83	1.17	1.38	0.97	−25	+6	−26	+41	−41	−8	−41	+26	+2	−4	0	1.68
23183		04 59 19.19	−32 14 21.3	6.70	1	H	74.829 964 24	−32.239 259 07		7.28	28.12	31.29	0.51	0.58	0.74	0.58	0.70	−8	+19	−6	+24	−8	+19	−13	+4	−19	−26	0	−0.31
23184		04 59 19.65	+05 17 57.9	9.42		H	74.831 860 87	+05.299 418 74		0.68	2.20	−0.70	1.16	0.79	1.35	1.38	0.92	+14	+35	−23	+26	+16	−6	+9	+45	−14	+26	0	−0.61
23185		04 59 20.51	−36 52 18.3	7.11		H	74.835 462 69	−36.871 757 91		13.80	−48.42	114.88	0.50	0.57	0.67	0.53	0.73	+0	+21	+4	−9	−13	−10	−13	−12	−15	+17	0	0.09
23186		04 59 21.25	+43 19 24.2	7.42		H	74.838 537 94	+43.323 390 18		1.89	0.40	−3.37	1.02	0.54	1.16	1.02	0.67	−2	+58	−16	+1	−26	−19	−48	+49	−50	+20	0	0.16
23187		04 59 23.11	+31 03 25.4	7.61		G	74.846 279 41	+31.057 045 18		5.69	28.22	−60.38	0.98	0.92	1.10	1.60	1.47	+37	−1	−29	−20	−22	+34	−9	−33	+22	+70	0	−0.56
23188		04 59 23.37	−39 52 27.2	9.86		H	74.847 354 90	−39.874 225 53		3.73	2.25	7.25	0.84	1.07	1.05	1.01	1.44	+2	+8	−5	−28	−11	+2	−9	−42	+6	+12	0	−2.53
23189		04 59 24.65	−50 17 40.9	10.85		G	74.852 722 36	−50.294 684 24		10.76	−9.61	−242.18	1.30	1.41	1.49	1.49	1.78	−1	+2	+3	+0	−3	−7	−3	−19	+0	+4	0	−0.59
23190		04 59 25.13	−10 21 13.0	7.66		H	74.854 703 40	−10.353 617 40		4.57	0.06	7.62	0.63	0.51	0.81	0.74	0.59	−21	+30	−18	+14	−19	−9	−24	+18	−16	−19	0	1.35
23191	H	04 59 25.65	+20 11 38.7	8.30		H	74.856 883 50	+20.194 086 48	A	2.39	30.38	−7.08	1.46	1.04	1.44	1.80	1.22	+38	+37	+1	−6	+4	+13	+1	+8	−12	+25	0	0.00
23192		04 59 26.56	−09 09 58.4	7.23		H	74.860 659 47	−09.166 223 01		6.74	3.00	−2.81	0.64	0.48	0.91	0.71	0.58	−21	+39	−24	+27	−34	+8	−39	+20	−35	−23	2	1.72
23193		04 59 29.13	−33 35 12.5	9.87		H	74.871 363 14	−33.586 816 47		5.72	−8.81	−38.21	0.85	1.01	1.23	1.02	1.38	+0	−2	+10	+7	−14	+3	−14	−9	−21	+6	3	1.47
23194		04 59 29.19	−02 03 59.6	8.92		G	74.871 639 66	−02.066 551 26		2.63	2.37	1.75	1.06	0.82	1.27	1.24	0.94	+22	+21	−20	+29	+26	−23	+15	+53	−24	+35	0	−0.28
23195		04 59 29.36	+71 36 28.5	7.86		H	74.872 320 52	+71.607 925 57		4.45	−10.58	−25.79	0.43	0.60	0.80	0.45	0.74	−13	+12	−10	+2	+2	+10	+6	+20	+6	−15	0	0.39
23196	H	04 59 29.64	−49 27 29.2	6.99	2	H	74.873 502 81	−49.458 099 20	A	6.41	21.17	−2.38	0.94	0.96	0.96	0.96	1.10	+3	+19	+6	−7	−13	+8	−17	+0	−3	+15	4	2.47
23197		04 59 31.72	+12 49 33.7	8.28	1	H	74.882 186 15	+12.826 029 54		−0.45	0.37	1.22	1.08	0.69	1.37	1.33	0.80	+25	+13	−26	+39	+29	−6	+21	+74	−39	+29	3	0.08
23198		04 59 31.93	+48 46 47.5	10.88		G	74.883 031 11	+48.779 865 43		31.17	95.00	−341.06	2.23	1.67	2.63	2.86	1.95	+31	+12	−23	+4	+24	+17	+16	+45	−14	+53	0	1.90
23199		04 59 33.65	−73 04 57.0	9.41		H	74.890 197 83	−73.082 512 64		1.38	1.86	−12.52	0.78	0.82	0.85	0.74	0.97	−11	+14	−4	−21	−1	+15	−1	−8	−1	−10	1	−0.07
23200		04 59 34.81	+01 47 01.5	10.05	2	G	74.895 046 30	+01.783 750 97	*	37.50	37.15	−93.94	2.55	1.26	2.56	2.18	1.48	−6	+40	−34	+16	+5	+16	−11	+40	−36	+21	0	0.55

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
23101	9.996	0.032	9.857	0.042		0.134	0.049	T	0.15	0.05	L	9.8771	0.0040	0.023	73		9.82	9.92		C			1							
23102	9.225	0.018	8.926	0.020		0.310	0.015	G	0.36	0.02	H	8.9752	0.0014	0.012	70		8.95	8.99		D			1							
23103	9.356	0.021	9.246	0.025		0.107	0.031	T	0.12	0.03	L	9.3054	0.0015	0.011	69		9.28	9.33					1							
23104	9.382	0.024	9.215	0.029		0.160	0.035	T	0.18	0.04	L	9.2715	0.0020	0.019	72		9.22	9.30		C			1							
23105	8.090	0.012	7.295	0.009		0.705	0.011	T	0.76	0.01	L	7.3390	0.0080	0.044	74		7.30	7.41		U 2 C			1							S P
23106	9.366	0.015	8.180	0.010		1.076	0.000	G	1.04	0.00	H	8.2253	0.0072	0.070	118		8.12	8.32	9.58	P 1 A			1							
23107	8.994	0.020	8.639	0.021		0.337	0.027	T	0.39	0.04	L	8.6484	0.0021	0.017	61		8.61	8.69		C			1							
23108	10.314	0.034	8.973	0.019		1.137	0.030	T	1.10	0.03	L	9.0140	0.0020	0.017	96		8.98	9.04					1							
23109	10.108	0.030	9.511	0.027	*	0.557	0.035	T	0.63	0.03	L	*	9.5048	0.0019	0.010	54	*	9.48	9.52		D	04584+1900	I 1	2 C A	AB	242	0.569	0.014	1.82	0.06	
23110	9.155	0.020	8.953	0.023		0.193	0.029	T	0.21	0.03	L		8.9633	0.0027	0.013	50		8.93	8.98		C	04584+3844	I 1	1							
23111	9.380	0.022	9.127	0.025		0.241	0.031	T	0.27	0.04	L		9.1366	0.0028	0.015	67		9.10	9.16		C			1							
23112	11.584	0.062	9.891	0.022		1.323	0.020	G	1.45	0.15	K		9.9350	0.0049	0.059	191		9.84	10.04		U 2 C			1 X							
23113						1.407	0.006	G	1.69	0.01	I		11.8936	0.0125	0.081	56		11.71	12.01					1 S							D
23114	11.902	0.111	10.673	0.060		1.050	0.098	T	1.02	0.08	L		10.7865	0.0039	0.044	155		10.65	10.86		U			1 S							G
23115	8.806	0.016	8.327	0.015		0.451	0.020	T	0.52	0.02	L		8.3970	0.0021	0.017	87		8.37	8.42			04584−4435	I 1	1 S							S
23116	7.567	0.009	7.031	0.006	*	0.516	0.007	G	0.59	0.01	H	*	7.0698	0.0011	0.007	73	*	7.05	7.08		D	04584−0344	H 1	2 C A	AB	103	0.554	0.019	3.28	0.09	S
23117	7.135	0.008	6.782	0.007		0.335	0.010	T	0.39	0.01	L		6.8241	0.0008	0.009	60		6.81	6.84		D			1							S
23118	8.847	0.012	8.365	0.011		0.460	0.003	G	0.53	0.00	H		8.4254	0.0013	0.012	111		8.40	8.44		C			1							S
23119	10.323	0.029	8.973	0.016		1.144	0.026	T	1.11	0.02	L		9.0492	0.0021	0.021	111		9.02	9.09					1							
23120	10.493	0.033	8.858	0.015		1.368	0.029	T	1.34	0.04	L		8.8359	0.0019	0.017	89		8.81	8.87					1							
23121	9.343	0.015	7.898	0.009		1.219	0.014	T	1.18	0.01	L		7.9390	0.0013	0.012	100		7.92	7.96					1							S
23122	8.167	0.008	7.803	0.010		0.345	0.012	T	0.40	0.02	L		7.8500	0.0008	0.011	105		7.83	7.87		D			1 G							S
23123	6.281	0.005	4.623	0.003		1.369	0.066	G	1.32	0.02	A		4.6307	0.0008	0.004	73		4.62	4.64		C			1							S
23124	8.681	0.010	8.186	0.009	*	0.466	0.012	T	0.54	0.01	L	*	8.2279	0.0014	0.016	162	*	8.20	8.26		C	04586+6725	I 1	2 C S B	AS	309	0.126	0.013	0.72	0.64	S
23125	9.499	0.014	7.556	0.006		1.612	0.012	T	1.63	0.01	L		7.4636	0.0021	0.020	154		7.44	7.50		U 2			1							S
23126	11.506	0.075	10.335	0.043		1.037	0.015	G	1.09	0.02	I		10.3993	0.0030	0.031	120		10.34	10.46		C			1							G
23127	10.833	0.039	9.708	0.023		0.910	0.015	G	0.95	0.01	I		9.8284	0.0030	0.031	161		9.77	9.87					1							
23128	8.622	0.011	7.998	0.010		0.581	0.013	T	0.65	0.01	L		8.0622	0.0011	0.014	123		8.03	8.08					1							S
23129	7.704	0.007	7.397	0.008		0.292	0.010	T	0.33	0.01	L		7.4501	0.0012	0.012	129		7.43	7.47		C			1							S
23130	8.215	0.010	8.094	0.012		0.117	0.015	T	0.13	0.01	L		8.1262	0.0011	0.011	77		8.11	8.15		C			1							S
23131	10.477	0.047	10.302	0.061		0.168	0.072	T	0.18	0.07	L		10.3182	0.0033	0.025	77		10.28	10.37		C			1							G
23132	8.440	0.014	7.995	0.014		0.425	0.003	G	0.49	0.00	H		8.0659	0.0018	0.010	57		8.05	8.08					1							S
23133	8.602	0.008	8.358	0.009		0.228	0.012	T	0.25	0.01	L		8.4041	0.0014	0.017	171		8.37	8.44		C			1							S
23134	10.131	0.037	9.532	0.035		0.559	0.045	T	0.63	0.04	L		9.6301	0.0037	0.020	51		9.60	9.66		C			1							
23135	11.978	0.171	10.059	0.045		1.591	0.129	T	1.61	0.13	L		9.9927	0.0029	0.021	80		9.96	10.04					1							G
23136	9.261	0.022	8.692	0.020		0.532	0.026	T	0.60	0.03	L		8.7591	0.0020	0.012	51		8.74	8.79		C			1							
23137	8.753	0.008	7.186	0.005		1.315	0.007	T	1.28	0.01	L		7.2115	0.0010	0.011	185		7.19	7.23					1							S
23138	10.087	0.024	9.435	0.021		0.597	0.024	T	0.67	0.02	L		9.4737	0.0021	0.017	97		9.43	9.53					1							
23139	9.716	0.031	9.101	0.028		0.573	0.037	T	0.65	0.03	L		9.1473	0.0026	0.014	45		9.12	9.16		C			1							
23140						1.432	0.014	G	1.75	0.04	I		11.0548	0.0071	0.042	63		10.99	11.13					1							G
23141	10.535	0.048	9.493	0.031		0.895	0.045	T	0.90	0.03	L		9.5180	0.0021	0.018	59		9.48	9.57					1 G							
23142	9.902	0.020	8.835	0.013		0.924	0.018	T	0.92	0.01	L		8.9004	0.0016	0.016	120		8.87	8.92		C			1							
23143	7.946	0.016	7.748	0.017		0.160	0.015	G	0.18	0.01	H		7.7864	0.0049	0.031	44		7.75	7.86		U 2			1							S
23144	9.132	0.024	8.772	0.025		0.341	0.032	T	0.40	0.04	L		8.8652	0.0021	0.014	47		8.84	8.89		C			1							
23145	10.695	0.044	9.483	0.025		1.060	0.015	G	1.03	0.01	I		9.5184	0.0025	0.022	99		9.47	9.56		C			1							
23146	7.985	0.008	7.998	0.007		−0.022	0.003	G	0.00	0.00	H		8.0131	0.0012	0.012	119		7.99	8.04					1							S
23147	12.046	0.188	10.011	0.050		1.413	0.010	G	1.70	0.03	I		9.8813	0.0020	0.018	66		9.84	9.92		D			1							G
23148	7.013	0.005	5.938	0.003		0.932	0.006	G	0.93	0.04	E		5.9969	0.0007	0.007	117		5.99	6.01					1							S
23149	9.549	0.025	9.513	0.034		0.038	0.039	T	0.05	0.03	L		9.5344	0.0024	0.018	72		9.51	9.56		C			1							
23150	8.930	0.018	8.641	0.020		0.275	0.025	T	0.31	0.03	L		8.7055	0.0015	0.010	51		8.69	8.72		C			1							
23151	8.337	0.014	8.056	0.015		0.267	0.019	T	0.30	0.02	L		8.0727	0.0156	0.172	43		8.00	8.37	1.39	P 1 A			1							S
23152	10.019	0.029	8.850	0.019	*	1.003	0.027	T	0.98	0.02	L	*	8.9151	0.0019	0.012	84	*	8.89	8.93		D	04589−4441	I 1	2 C A	AB	347	0.253	0.011	1.40	0.15	
23153	8.508	0.012	8.432	0.015		0.080	0.015	G	0.05	0.01	L		8.4663	0.0014	0.012	82		8.44	8.49					1							
23154	8.348	0.007	8.047	0.008		0.286	0.010	T	0.33	0.01	L		8.0918	0.0012	0.013	144		8.07	8.12					1							S
23155											T		11.0971	0.0043	0.036	86		11.04	11.16		C			1							G
23156	10.064	0.032	9.724	0.034		0.323	0.044	T	0.37	0.06	L		9.8569	0.0028	0.020	83		9.82	9.89		C			1							G
23157	9.644	0.018	8.833	0.014		0.717	0.017	T	0.77	0.01	L		8.8882	0.0016	0.018	109		8.86	8.92		C	04589−6106	I 1	1							
23158	8.944	0.013	8.417	0.012		0.521	0.015	G	0.59	0.02	H		8.4700	0.0017	0.016	110		8.44	8.50		C			1							S
23159	7.618	0.008	7.555	0.010		0.057	0.011	T	0.07	0.01	L		7.6055	0.0014	0.011	104		7.59	7.63			04590+1433	I 2	1							S
23160	10.081	0.019	8.374	0.009		1.425	0.017	T	1.41	0.03	L		8.3652	0.0015	0.018	197		8.34	8.40					1							
23161	6.120	0.004	6.066	0.004		0.156	0.004	G	−0.09	0.03	C		6.1071	0.0007	0.007	105		6.10	6.12		C	04590+1433	I 2	1							S
23162	10.789	0.049	10.075	0.041	*	0.657	0.052	T	0.72	0.05	L	*	10.1090	0.0019	0.022	107	*	10.07	10.14		D	04590+1341	H 1	2 C A	AB	162	0.260	0.006	0.05	0.08	G
23163	9.947	0.026	9.457	0.026		0.461	0.033	T	0.53	0.04	L		9.5136	0.0016	0.017	105		9.48	9.54					1 S							
23164	8.444	0.013	7.971	0.012		0.468	0.015	G	0.54	0.02	H		8.0264	0.0013	0.013	113		8.00	8.04					1							S
23165						3.000	0.510	G	3.01	0.52	J		10.1502	0.1453	0.977	71		9.39	11.84	379.00	P 1 B			1 S							G P
23166	6.181	0.003	5.721	0.004	*	0.447	0.004	T	0.52	0.00	L	*	5.7535	0.0009	0.007	107	*	5.74	5.77		D	04590−1622	I 1	2 C A	AB	329	0.628	0.003	1.55	0.01	S
23167	10.354	0.049	9.672	0.042		0.630	0.053	T	0.70	0.05	L		9.6597	0.0040	0.030	56		9.59	9.70					1							
23168	9.858	0.031	8.261	0.016		1.338	0.015	G	1.30	0.02	H		8.2842	0.0029	0.018	66		8.25	8.31					1							
23169	9.228	0.014	8.867	0.015		0.342	0.019	T	0.40	0.03	L		8.9274	0.0018	0.014	88		8.90	8.95		C			1							
23170	9.056	0.011	8.434	0.010	*	0.579	0.013	T	0.65	0.01	L	*	8.4890	0.0015	0.014	151	*	8.46	8.51		D	04591+6322	I 1	2 C S A	AB	81	0.198	0.004	0.25	0.15	
23171	9.769	0.062	9.078	0.045	*	0.638	0.063	T	0.70	0.06	L	*	9.9724	0.0036	0.025	99	*	9.93	10.01		D	04591−6325	I 1	2 C A	AB	291	1.489	0.007	0.37	0.02	
23172	8.622	0.011	8.154	0.010		0.454	0.012	T	0.52	0.01	L		8.2178	0.0011	0.014	138		8.20	8.25		C			1							S
23173	7.639	0.010	7.526	0.011		0.110	0.014	T	0.12	0.01	L		7.5506	0.0009	0.008	74		7.54	7.57		C			1							S
23174	9.929	0.022	8.675	0.013		1.069	0.020	T	1.03	0.02	L		8.7415	0.0015	0.015	101		8.72	8.76					1							
23175	9.123	0.012	9.098	0.016		0.028	0.018	T	0.04	0.01	L		9.1173	0.0016	0.018	153		9.08	9.15		C			1							
23176	8.697	0.010	7.706	0.007		0.867	0.009	T	0.88	0.01	L		7.7656	0.0011	0.015	146		7.74	7.80					1							S
23177	11.047	0.064	10.000	0.039		0.898	0.054	G	0.90	0.04	H		10.1363	0.0077	0.095	86		10.00	10.32		U 2 C			1							D P
23178	9.969	0.038	9.553	0.040		0.393	0.051	T	0.46	0.06	L		9.6090	0.0027	0.014	56		9.58	9.64		C			1							
23179	4.983	0.005	4.936	0.005	*	0.037	0.011	G	0.06	0.03	C	*	4.9506	0.0006	0.005	52	*	4.94	4.96		D	04593+3753	I 1	2 C A	AB	2	4.985	0.010	3.17	0.05	S
23180	10.378	0.029	9.964	0.031	*	0.391	0.039	T	0.46	0.04	L	*	9.9897	0.0024	0.022	111	*	9.95	10.04		D	04593−8401	H 1	2 C A	AB	247	0.336	0.005	0.13	0.08	
23181	9.206	0.019	8.003	0.012		1.029	0.018	T	1.00	0.01	L		8.0715	0.0015	0.013	67		8.05	8.09		C			1 G							
23182	10.033	0.028	8.264	0.013		1.474	0.024	T	1.49	0.04	L		8.2539	0.0017	0.016	70		8.22	8.28					1							
23183	8.391	0.010	6.849	0.005		1.295	0.009	T	1.25	0.01	L		6.8608	0.0014	0.016	127		6.84	6.88		U 2			1							S
23184	11.168	0.063	9.571	0.027		1.338	0.054	T	1.30	0.06	L		9.5736	0.0022	0.018	78		9.55	9.60		C			1							
23185	7.640	0.007	7.158	0.006		0.473	0.015	G	0.54	0.02	H		7.2131	0.0010	0.010	116		7.19	7.23		C			1 G							S
23186	7.377	0.006	7.430	0.010		−0.005	0.007	G	0.02	0.01	H		7.4266	0.0009	0.007	93		7.41	7.44		C			1							S
23187	8.210	0.016	7.668	0.015		0.543	0.015	G	0.62	0.01	H		7.7288	0.0012	0.009	41		7.72	7.74		C			1							S
23188	10.556	0.034	9.954	0.031		0.560	0.034	T	0.63	0.03	L		9.9763	0.0024	0.020	104		9.94	10.01		C			1							
23189	11.764	0.108	10.841	0.076		0.719	0.003	G	0.77	0.00	H		11.0092	0.0029	0.033	100		10.94	11.06					1							G
23190	9.238	0.015	7.789	0.009		1.217	0.020	G	1.18	0.02	H		7.8248	0.0015	0.014	119		7.80	7.85					1							S
23191	9.840	0.036	8.453	0.020	A	1.100	0.495	G	1.07	0.05	L	*	8.4699	0.0019	0.011	50	*	8.44	8.49		D	04594+2012	I 1	2 C B	AB	258	4.286	0.044	3.47	0.11	
23192	7.363	0.005	7.245	0.006		0.114	0.007	T	0.13	0.01	L		7.2713	0.0008	0.007	125		7.26	7.29		C			1 G							S
23193	10.577	0.035	9.904	0.030		0.612	0.035	T	0.68	0.03	L		10.0012	0.0024	0.023	120		9.96	10.03					1							
23194	8.885	0.015	8.916	0.019		−0.025	0.015	G	0.00	0.01	H		8.9065	0.0025	0.015	73		8.89	8.94					1							
23195	8.038	0.006	7.883	0.007		0.149	0.009	T	0.16	0.01	L		7.9126	0.0010	0.014	204		7.89	7.94		C			1 S							S
23196	7.394	0.006	7.007	0.007	*	0.375	0.015	G	0.44	0.02	H	*	7.0740	0.0050	0.042	111	*	7.04	7.15	0.43	P 1 A	04595−4928	I 1	2 C A	AB	112	9.887	0.008	2.04	0.04	S W
23197	10.600	0.044	8.507	0.015		1.771	0.038	T	2.51	0.06	O		8.3028	0.0024	0.023	106		8.27	8.34		U			1							
23198						1.293	0.024	G	1.48	0.04	I		10.9539	0.0054	0.033	53		10.90	11.00		C			1							G
23199	10.890	0.043	9.566	0.022		1.124	0.038	T	1.09	0.04	L		9.5770	0.0015	0.016	118		9.55	9.62					1							
23200	11.758	0.156	10.255	0.063		1.394	0.020	G	1.84	0.01	A		10.1916	0.0061	0.052	71		10.09	10.25		U 2			1 V							G P

Number		Descriptor: epoch J1991.25					Position: epoch J1991.25			Par.	Proper Motion		Standard Errors					Astrometric Correlations (%)										Soln	
HIP		RA h m s	Dec ±° ′ ″	V mag			α (ICRS) deg	δ deg		π mas	$\mu_{\alpha*}$ mas/yr	μ_δ mas/yr	α* mas	δ mas	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ mas/yr	δ α*	π α*	π δ	$\mu_{\alpha*}$ α*	$\mu_{\alpha*}$ δ	$\mu_{\alpha*}$ π	μ_δ α*	μ_δ δ	μ_δ π	μ_δ $\mu_{\alpha*}$	F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
23201		04 59 35.63	+25 48 27.0	8.30		H	74.898 441 80	+25.807 499 62		3.87	0.15	−7.80	1.14	0.88	1.18	1.75	1.19	+16	+0	−8	−46	−10	+38	−8	−51	+5	+23	0	−1.14
23202		04 59 35.87	−25 22 09.7	8.33		H	74.899 456 48	−25.369 368 09		2.63	3.39	−7.03	0.44	0.75	0.97	0.53	0.97	−4	+7	−3	−20	+1	+6	−2	+11	−23	−3	1	0.18
23203		04 59 36.34	−14 48 22.5	8.08	3	H	74.901 435 09	−14.806 248 85		3.99	7.02	−2.48	0.62	0.54	0.85	0.82	0.64	−18	+23	−21	−18	−1	+13	+4	−25	+5	−39	6	1.25
*23204		04 59 36.69	+25 56 09.8	7.29		H	74.902 874 81	+25.936 064 30		20.20	−84.39	−88.04	0.94	0.69	1.01	1.30	0.88	+1	+17	+6	−31	+15	+29	+11	−35	−13	−6	0	0.24
*23205	H	04 59 36.66	+31 35 06.8	8.09		H	74.902 759 20	+31.585 231 36	A	10.73	68.19	−46.86	1.59	1.29	1.66	2.24	2.03	−7	+33	−24	+7	+0	+37	+25	−20	+32	+56	0	0.35
23206		04 59 37.33	+83 11 45.9	7.64		H	74.905 546 19	+83.196 082 09		5.14	−3.85	11.80	0.47	0.53	0.61	0.61	0.72	+5	+1	+11	−3	+1	+6	+0	−3	−4	−6	0	0.78
23207		04 59 37.89	−22 23 56.9	7.82		H	74.907 872 64	−22.399 146 13		11.33	73.20	−65.48	0.60	0.66	1.02	0.76	0.86	−6	+9	+9	−45	−5	+6	+1	+8	−11	−21	1	0.51
23208		04 59 38.03	−10 59 02.0	9.83		G	74.908 466 14	−10.983 880 84		28.43	383.57	−33.26	1.24	0.88	1.61	1.29	0.99	−26	+49	−22	+13	−20	+6	−31	+13	−33	−25	0	−0.73
23209		04 59 38.76	+26 15 00.2	8.49		H	74.911 502 21	+26.250 042 52		14.10	20.14	−79.50	1.30	0.87	1.38	1.58	0.97	−15	+18	+23	−27	+29	+34	+18	−11	−3	−2	0	−0.89
23210		04 59 41.54	+40 50 09.7	10.34	3	H	74.923 075 10	+40.836 038 71		−1.19	1.60	1.06	2.03	1.76	2.34	2.87	2.26	+32	+24	−36	+28	+44	−13	+22	+77	−39	+57	3	−0.15
23211		04 59 41.64	−49 07 25.4	8.10		H	74.923 513 31	−49.123 709 52		2.95	−7.72	5.16	0.64	0.67	0.73	0.66	0.83	+4	+11	+6	−3	−7	+12	−10	−7	−7	+15	3	−0.03
23212		04 59 41.88	+35 33 31.5	9.14		H	74.924 483 31	+35.558 757 39		7.27	−17.59	11.20	1.23	0.88	1.39	1.51	0.92	−13	+24	−29	+23	−14	+7	−10	+29	+3	−16	6	−0.35
23213		04 59 42.79	+41 52 23.4	6.66		H	74.928 274 00	+41.873 159 53		10.71	−28.31	16.79	0.85	0.55	0.86	1.03	0.66	+40	+30	−2	−15	−3	+1	−11	+31	−11	+53	0	1.62
23214		04 59 44.27	+15 55 00.5	6.75		G	74.934 459 71	+15.916 805 09		23.09	87.21	−29.19	0.74	0.44	0.83	0.74	0.50	+13	+39	−2	+14	+13	+1	+3	+54	−11	+27	0	0.51
23215		04 59 45.34	−18 39 23.4	8.13	2	H	74.938 934 67	−18.656 487 62		0.93	0.06	6.20	0.64	0.66	1.00	0.76	0.82	+27	+18	−12	−21	−30	+8	−29	−12	−19	−17	3	0.52
23216		04 59 46.34	+53 09 19.7	6.09		H	74.943 088 70	+53.155 478 19		4.25	−13.21	−11.22	0.70	0.60	0.85	0.81	0.64	+25	+25	−32	+2	−14	+11	−11	+8	+1	+47	0	1.21
23217		04 59 46.42	−21 23 40.1	9.44	2	H	74.943 409 09	−21.394 484 58		2.68	14.55	7.34	0.95	1.17	1.73	1.19	1.49	−8	+8	−13	+17	−21	+4	−26	−1	−29	−31	0	2.18
23218		04 59 47.15	−32 04 41.4	9.86		H	74.946 461 45	−32.078 179 78		5.31	−6.76	−23.36	0.96	1.08	1.45	1.05	1.34	−1	+19	+6	−2	+1	+3	−4	−10	−23	−12	0	−2.22
23219		04 59 47.94	−03 36 16.0	9.38		H	74.949 739 32	−03.604 453 45		3.51	−2.04	0.61	1.25	0.81	1.41	1.49	0.98	−11	+24	−13	+37	−17	+5	−18	+29	−10	−7	0	−2.45
23220		04 59 48.43	+68 34 01.0	9.43		H	74.951 792 45	+68.566 935 22		2.79	1.29	−8.92	0.63	0.89	1.17	0.84	1.04	−16	+3	−9	+6	−24	+6	−21	+22	+20	−9	0	−0.30
23221		04 59 50.44	−10 15 46.8	5.39	1	H	74.960 170 27	−10.262 992 66		18.29	19.49	−136.75	0.85	0.67	1.09	0.96	0.77	−14	+26	−21	+9	−26	+2	−29	+4	−13	−11	0	
*23222		04 59 51.08	+00 30 38.9	10.27		H	74.962 842 99	+00.510 815 29		−28.02	5.10	10.07	29.69	17.69	33.72	33.92	21.77	+1	+51	−16	+8	+19	−7	+7	+35	−14	+18	0	
*23223		04 59 50.90	−05 09 15.6	8.50		H	74.962 063 18	−05.154 323 12		1.11	1.68	2.63	0.98	0.68	1.13	1.32	0.85	+8	−3	−25	+51	+11	−28	+5	+40	−19	+15	0	1.04
23224		04 59 51.39	−36 37 28.0	7.90		H	74.964 129 59	−36.624 438 59		3.47	5.66	−19.48	0.55	0.64	0.74	0.57	0.80	−2	+18	+4	−1	−6	−6	−7	+1	−2	−4	1	−1.37
23225	H	04 59 52.16	−68 34 55.3	8.03		G	74.967 337 59	−68.582 028 28	*	3.95	−12.86	21.40	1.63	1.26	0.67	0.68	0.85	+1	+9	+2	−10	−7	−4	−7	−9	+5	−18	1	−1.21
23226		04 59 53.07	+27 19 13.9	9.11		H	74.971 116 33	+27.320 532 50	B	−7.31	3.53	−35.29	37.20	22.96	15.81	24.81	15.03	+17	+53	−4	−3	+7	+18	−7	+8	−24	+20	2	1.13
23227		04 59 53.15	+16 49 45.9	9.32		H	74.971 456 43	+16.829 405 41		9.76	37.61	4.73	3.03	1.85	3.47	3.29	2.08	+9	+36	−19	−2	+20	+2	+8	+37	−16	+30	0	
23228		04 59 53.74	+27 19 32.4	6.95		G	74.973 913 26	+27.325 657 20	A	7.23	17.38	−21.93	2.27	1.29	1.98	1.95	1.31	+18	+62	−2	+7	+11	+15	−4	+19	−24	+8	2	1.13
23229	H	04 59 53.79	+53 27 07.6	7.98		G	74.974 110 14	+53.452 117 03	*	8.48	−30.86	−19.83	0.90	0.76	1.08	1.17	0.88	+29	+4	−30	−5	−5	+18	−4	+14	+10	+50	0	1.66
23230		04 59 53.89	−07 49 20.6	8.48		H	74.974 542 06	−07.822 384 43		3.72	3.28	−15.23	0.95	0.73	1.10	1.27	0.92	−1	+14	−31	+32	−12	−8	−16	+32	−13	+23	0	1.22
23231		04 59 55.71	−12 32 13.9	4.78		H	74.982 137 84	−12.537 204 50		11.21	40.37	−86.89	0.59	0.46	0.74	0.55	0.49	−10	+41	−20	+29	−21	+6	−24	+13	−10	−2	0	−0.45
23232		04 59 56.54	−29 34 34.4	8.07		H	74.985 566 74	−29.576 217 16		1.72	−2.25	9.68	0.50	0.66	0.83	0.57	0.91	−2	+7	−10	−6	+9	+10	+8	+11	−23	+13	0	1.51
*23233		04 59 57.87	−25 03 16.4	7.41		H	74.991 105 78	−25.054 566 42		5.31	3.07	29.72	0.35	0.60	0.81	0.45	0.81	−10	+6	+0	−18	−5	+8	−7	+8	−25	−11	0	1.06
*23234	H	04 59 57.78	+70 03 15.6	8.45		H	74.990 759 48	+70.054 333 96	A	7.27	13.89	−23.75	1.30	2.04	2.65	1.15	1.97	−19	+6	−12	−20	+7	+2	+4	+11	+21	−9	0	0.24
23235		05 00 00.70	−43 17 36.7	8.49		H	75.002 928 98	−43.293 535 83		7.96	4.68	49.11	0.62	0.72	0.76	0.65	0.87	−15	+12	+4	−19	+7	+12	+8	−17	+11	−12	0	−0.71
23236		05 00 00.77	−26 54 20.9	9.84		H	75.003 219 69	−26.905 817 29		7.99	22.70	38.88	0.78	1.03	1.36	0.93	1.34	−3	+14	−23	−19	+0	+2	+0	+5	−1	−1	0	1.70
23237		05 00 01.24	−15 47 55.2	8.38		H	75.005 169 23	−15.798 663 37		4.73	−5.87	−1.17	0.69	0.61	0.94	0.85	0.72	−19	+21	−23	+21	−7	+0	−11	−3	−4	−28	0	−0.51
23238		05 00 01.24	−34 10 00.8	7.90		H	75.005 183 64	−34.166 886 59		3.26	1.30	9.94	0.52	0.62	0.73	0.57	0.78	−9	+2	+7	+0	−9	+6	−12	−2	−5	−16	1	0.93
23239		05 00 01.56	+10 23 26.9	7.98	1	H	75.006 514 23	+10.390 792 94		7.59	8.02	−8.01	1.01	0.61	1.17	1.16	0.70	+11	+33	−5	+29	+9	−9	+0	+53	−26	+10	0	−0.33
23240		05 00 01.80	+43 59 08.2	8.02		G	75.007 514 50	+43.985 619 04		2.85	0.27	−1.71	1.06	0.60	1.30	1.10	0.74	−8	+51	−22	+22	−20	−13	−41	+60	−53	+6	0	0.13
23241		05 00 02.26	−02 46 19.3	8.63		H	75.009 428 37	−02.772 020 49		1.40	10.27	4.27	1.08	0.73	1.24	1.18	0.84	+2	+26	−12	+30	−11	−5	−12	+25	−8	+18	0	0.00
23242		05 00 02.64	−32 23 50.8	9.70		H	75.010 980 26	−32.397 435 84		8.72	54.60	43.34	0.88	0.99	1.26	1.03	1.25	−11	+16	+1	−2	−3	+0	−5	+11	−16	−20	0	−1.87
23243		05 00 02.79	−27 49 57.4	9.24		H	75.011 635 04	−27.832 597 91		14.28	−69.15	55.66	0.71	0.91	1.15	0.84	1.11	+1	+19	−10	−2	−2	+12	−2	+0	−5	−1	0	1.16
23244		05 00 07.76	−41 02 52.5	7.99		H	75.032 313 00	−41.047 920 43		4.79	7.93	15.23	0.57	0.71	0.73	0.58	0.81	−11	+5	−11	−18	−4	+20	−1	−32	+9	−1	2	0.85
23245		05 00 08.22	+03 17 12.2	7.48	1	H	75.034 254 60	+03.286 708 89		4.20	−2.48	−13.89	0.91	0.58	1.09	1.03	0.68	+13	+32	−14	+0	+20	+3	+11	+41	−23	+17	0	1.09
23246	H	05 00 08.81	+69 57 31.9	7.82		H	75.036 709 96	+69.958 850 36	*	5.78	−3.16	9.95	0.61	1.14	0.99	0.46	0.83	−22	+2	−8	−5	+2	+1	+3	+2	+14	−25	0	0.34
23247		05 00 09.83	+22 35 34.0	8.69	1	H	75.040 967 85	+22.592 775 05		0.88	−0.51	−3.43	1.09	0.84	1.30	1.31	0.97	+20	+16	−35	+12	+35	−6	+20	+50	−34	+46	0	−1.03
23248		05 00 11.43	−31 42 06.4	9.00		G	75.047 616 17	−31.701 782 28		25.63	−81.12	−174.81	0.73	0.90	1.17	0.84	1.11	+3	+13	+3	+12	+6	+27	+2	−2	−27	−6	0	−0.06
23249		05 00 11.71	−37 59 40.5	8.97		H	75.048 810 10	−37.994 569 89		1.15	−6.16	1.02	0.68	0.86	0.90	0.77	1.15	−8	+10	−11	+25	−18	+8	−16	−16	−9	+4	0	2.41
23250		05 00 11.80	−06 18 03.5	7.83		G	75.049 167 40	−06.300 973 95		2.23	10.19	−2.72	0.82	0.64	1.02	1.16	0.83	−25	+19	−33	+17	−12	+18	−10	+27	−15	−17	0	−0.91
23251		05 00 13.29	−78 18 00.0	6.29		H	75.055 366 91	−78.300 011 67		3.04	−18.53	1.03	0.46	0.44	0.50	0.52	0.62	−18	+19	−5	−12	+3	+1	+2	−11	−2	−24	0	−0.26
23252		05 00 13.67	−57 36 28.0	8.04		H	75.056 964 92	−57.607 786 25		3.97	12.33	17.89	0.57	0.53	0.61	0.65	0.60	+15	−6	+4	+32	+18	−11	+25	+1	−24	+37	0	0.55
23253		05 00 13.88	+20 55 40.1	8.28		G	75.057 852 05	+20.927 792 26		6.93	−0.68	−11.29	0.93	0.65	1.01	1.25	0.81	+25	+32	−2	−5	−4	−18	−8	+22	−12	+36	0	−1.37
23254		05 00 14.43	+58 40 03.8	9.89		H	75.060 119 07	+58.667 711 24		3.43	−4.22	0.99	0.94	0.94	1.55	1.17	1.15	+18	+21	−9	−3	−7	−24	−10	+8	−10	+12	0	−0.23
23255		05 00 15.05	−00 11 37.6	8.08		H	75.062 704 01	−00.193 778 76		7.85	19.92	−1.54	1.08	0.68	1.21	1.19	0.78	+3	+41	−23	+27	+10	−10	−1	+46	−21	+20	0	−0.50
23256		05 00 16.25	−11 17 59.0	8.91		H	75.067 690 31	−11.299 710 25		1.80	15.09	−1.77	1.08	0.77	1.35	1.19	0.85	−33	+40	−28	+34	−26	+6	−33	+20	−28	−30	0	1.33
23257	H	05 00 16.43	+57 54 49.0	8.94		H	75.068 462 61	+57.913 598 65	*	4.36	4.28	−13.12	0.75	0.76	1.33	0.96	0.90	+21	+12	−14	−11	+7	−14	+3	−5	−11	+23	3	−0.86
23258		05 00 17.41	−20 52 52.9	9.20		H	75.072 557 22	−20.881 349 17		5.15	58.80	−60.25	1.02	1.05	1.48	1.12	1.37	−18	+1	−23	+16	−28	+2	−33	+15	−5	−36	0	1.80
23259		05 00 17.48	+25 08 11.1	8.04		H	75.072 841 82	+25.136 429 94		26.02	62.05	2.88	1.04	0.82	1.15	1.45	1.08	+11	+21	−31	−21	−5	+15	+3	−33	+12	+37	0	0.33
23260		05 00 18.23	−48 24 07.8	8.68		H	75.075 963 86	−48.402 179 42		1.55	−2.09	1.80	0.72	0.74	0.81	0.80	0.91	+1	−3	+0	+8	−7	+4	−7	−10	+2	+10	1	−0.42
23261	H	05 00 18.35	+39 23 40.9	5.95		G	75.076 447 04	+39.394 703 89	A	18.86	−10.93	−1.21	1.27	0.93	1.26	1.17	0.93	+16	+24	−14	−4	−3	+6	−5	+12	−16	+28	3	1.28
23262		05 00 19.26	−08 38 35.1	8.46		H	75.080 242 19	−08.643 090 65		6.31	−4.71	−9.15	0.97	0.66	1.19	1.06	0.73	−41	+43	−32	+27	−41	+11	−45	+25	−26	−45	0	−0.79
23263		05 00 19.69	−30 36 48.0	10.17		H	75.082 021 02	−30.613 323 58		−0.16	−0.25	4.85	0.93	1.18	1.57	1.09	1.71	−7	+7	−9	−8	+3	+18	+0	+13	−37	+1	3	−1.28
23264		05 00 19.74	−06 11 33.0	7.93		H	75.082 245 64	−06.192 489 78		4.31	−5.57	−27.41	0.91	0.68	1.13	1.51	0.90	−18	+14	−32	+4	−4	+25	+0	+22	−24	−23	0	0.96
23265		05 00 20.72	+81 11 38.5	5.09		H	75.086 320 52	+81.194 021 07		9.46	0.99	27.47	0.41	0.44	0.53	0.42	0.50	+7	+38	+6	+6	+10	+9	+13	−16	−2	+29	1	−0.78
23266		05 00 20.90	+01 00 23.7	9.11		G	75.087 100 13	+01.006 570 23		10.79	64.42	16.87	1.91	0.90	1.80	2.33	1.06	−15	+36	−22	+55	−8	+7	−22	+46	−31	−15	0	3.60
23267		05 00 21.24	−35 45 11.5	9.15		H	75.088 490 96	−35.753 200 80		2.56	2.89	2.46	0.64	0.86	0.94	0.67	1.01	−10	+8	−2	+16	−6	+24	−7	+0	−5	−11	0	0.29
23268		05 00 23.21	+39 39 16.8	6.46		H	75.096 728 24	+39.654 659 60		2.62	0.77	−2.73	0.79	0.55	0.91	0.86	0.64	+19	+37	−19	+11	+12	+1	−1	+38	−22	+42	0	1.69
23269		05 00 24.18	+33 44 03.4	9.26		H	75.100 770 73	+33.734 289 69		7.00	17.59	−39.12	1.33	0.89	1.51	1.45	1.03	+16	+42	−10	−1	+8	+14	+2	+13	−8	+36	0	1.26
23270		05 00 24.29	+24 09 45.9	7.84		G	75.101 201 50	+24.162 739 06		5.56	−9.81	−11.24	1.08	0.77	1.15	1.33	1.00	+27	+46	−4	−16	−16	−9	−21	−31	−12	+29	0	0.70
23271	H	05 00 24.57	+71 27 54.1	8.94		H	75.102 373 97	+71.465 032 90	*	3.61	−7.57	−5.76	0.57	0.81	1.11	0.58	0.96	−6	+11	+1	+10	+2	+13	+5	+25	+5	−13	0	−0.37
23272		05 00 25.14	−34 20 35.1	10.11		H	75.104 747 85	−34.343 078 85		2.44	11.13	20.07	3.63	4.22	4.91	4.32	5.33	−7	+4	+7	+1	−14	−6	−16	−8	+4	−21	3	
23273		05 00 25.87	−63 37 50.8	8.92		H	75.107 775 51	−63.630 788 11		1.07	2.71	−2.90	0.78	0.76	0.80	0.77	1.03	−8	+15	−6	−24	+8	−3	+9	−4	+6	+5	0	−0.60
23274	H	05 00 26.15	+41 57 42.1	8.90		G	75.108 962 91	+41.961 683 72	B	6.81	−3.65	−25.41	6.17	3.48	1.81	2.10	1.27	+60	+6	−9	−11	−8	+12	+0	+20	−16	+45	1	0.16
23275		05 00 26.27	−40 05 33.5	9.08		H	75.109 477 74	−40.092 638 86		3.38	0.56	0.14	0.73	0.90	0.91	0.88	1.11	−7	+6	−12	−27	−1	+5	−1	−41	+6	−7	0	−1.11
23276		05 00 28.08	−69 21 00.9	8.75		H	75.117 007 16	−69.350 244 27		3.97	5.51	−0.23	0.70	0.74	0.76	0.72	1.04	+1	+20	−9	−4	+2	−1	+1	+10	+2	+14	0	−0.55
23277	H	05 00 29.67	+05 05 56.6	8.02		G	75.123 607 07	+05.099 043 87	A	16.18	34.41	−30.87	2.20	1.38	2.00	1.97	1.29	+5	+30	−14	+25	−1	−1	−6	+38	−16	+1	0	0.68
23278		05 00 31.56	−61 39 56.2	8.83		H	75.131 493 52	−61.665 611 37		3.54	6.74	−10.08	0.78	0.79	0.85	0.77	0.93	+0	+21	−6	−21	+4	+14	+13	−4	+20	−13	0	1.15
23279		05 00 32.53	+03 36 53.4	7.03		G	75.135 535 94	+03.614 828 01		8.30	18.04	−14.65	25.97	16.20	30.01	34.10	20.28	+15	+43	−3	+15	+2	+5	−5	+33	−16	+19	4	
23280		05 00 32.66	−64 23 39.2	7.40		H	75.136 090 35	−64.394 214 98		2.81	48.22	−56.24	0.51	0.58	0.60	0.47	0.74	−2	+17	−11	−32	+17	−9	+16	−4	+14	+25	0	−0.25
23281		05 00 32.82	−39 41 10.6	7.92		H	75.136 770 53	−39.686 283 58		2.50	0.43	−3.04	0.59	0.72	0.77	0.68	0.96	+5	+13	−10	−19	−6	+14	−3	−24	+7	+22	0	0.06
23282		05 00 33.30	+36 37 38.7	7.29		H	75.138 746 23	+36.627 403 11		2.99	−7.56	1.04	0.83	0.59	0.99	0.69	0.55	−7	+56	−34	+10	+16	−7	+8	+13	−8	+30	5	0.06
23283		05 00 33.51	+29 11 48.9	9.31		H	75.139 616 75	+29.196 911 38		15.43	266.53	−120.53	1.21	0.94	1.34	1.46	1.14	+5	+27	−26	+10	+10	+0	+8	+20	+2	+34	0	−0.10
23284		05 00 33.54	+22 36 56.7	9.02		G	75.139 744 59	+22.615 748 54		1.74	−4.32	−3.21	1.21	0.92	1.45	1.41	1.06	+14	+6	−39	+4	+39	−6	+25	+49	−38	+44	0	−0.08
23285		05 00 33.74	−72 27 21.9	9.02		G	75.140 595 04	−72.456 089 25		3.27	10.16	30.58	0.77	0.79	0.80	0.77	0.96	−24	+11	−9	−23	+14	−2	+16	−18	+5	−29	1	−1.28
23286		05 00 33.77	+14 23 01.3	6.75		H	75.140 711 09	+14.383 683 35		28.49	40.45	52.03	0.93	0.58	1.34	1.01	0.69	+30	+38	−24	+26	+38	+4	+16	+76	−41	+42	0	1.05
*23287		05 00 33.93	+03 36 56.9	6.65		G	75.141 363 80	+03.615 815 37		23.33	10.35	−27.39	11.19	7.11	12.95	15.38	9.16	+7	+36	−13	+11	−2	+0	−10	+31	−22	+17	0	
*23288		05 00 33.83	+45 15 13.9	8.54		H	75.140 963 49	+45.253 871 60		6.49	−26.63	−34.35	1.19	0.65	1.41	1.05	0.72	−8	+56	−21	+8	−22	+1	−39	+38	−39	+9	0	0.73
23289		05 00 34.40	+00 00 19.5	10.26		H	75.143 327 05	+00.005 428 99		2.39	1.27	3.57	1.69	1.13	1.88	2.01	1.29	+9	+31	−11	+26	+11	−18	+4	+44	−16	+18	0	−0.25
23290		05 00 35.17	−46 39 23.3	8.76		H	75.146 562 27	−46.656 484 60		7.26	14.60	−45.24	0.76	0.78	0.87	0.90	0.89	−17	+12	−16	+2	−9	+17	−8	−1	−7	−31	3	1.22
23291		05 00 36.87	+29 28 22.4	9.80		H	75.153 622 54	+29.472 877 41		8.20	21.51	−23.90	1.62	1.17	1.76	1.96	1.42	−12	+36	−28	+24	+3	−9	+3	+26	+7	+6	0	0.63
23292		05 00 36.99	+74 40 55.2	9.18		H	75.154 106 71	+74.681 995 82		0.08	−9.20	13.06	0.69	0.91	1.17	0.79	1.12	−1	+18	+13	+15	+12	+9	+11	−11	−10	+1	1	0.64
23293		05 00 37.93	−51 03 01.1	9.16		H	75.158 027 30	−51.050 317 60		4.48	7.82	23.48	0.72	0.78	0.82	0.87	0.97	−11	+17	−8	+23	−3	+14	−3	+14	−9	+1	0	−0.75
23294		05 00 39.49	−70 37 26.6	7.59		H	75.164 550 19	−70.624 059 62		9.30	−7.43	30.46	0.64	0.62	0.66	0.67	0.76	+11	+1	−9	−26	−17	+25	−17	−13	−2	+3	0	0.44
23295		05 00 39.79	+03 15 55.2	8.10		G	75.165 784 00	+03.265 346 09		4.36	−0.33	−3.61	1.07	0.68	1.28	1.24	0.80	+20	+28	−16	−9	+19	+8	+11	+37	−26	+23	0	2.12
23296		05 00 39.82	−02 03 57.7	6.31		H	75.165 898 51	−02.066 024 81		20.17	−12.94	−3.10	0.72	0.52	0.87	0.81	0.60	+14	+28	−15	+19	+10	−9	+5	+38	−11	+22	0	−0.08
23297		05 00 40.07	−56 23 57.4	9.04		H	75.166 951 29	−56.399 269 86		8.39	−12.20	−11.41	0.82	0.80	0.85	0.95	0.84	−17	+6	−2	−24	−5	+2	−3	−7	+1	−21	3	0.43
23298	H	05 00 40.56	−13 30 13.3	7.22		G	75.169 014 96	−13.503 695 47	A	2.13	−7.21	−9.76	0.91	0.83	1.24	1.05	0.83	+18	+18	−10	−11	−13	−10	−11	−17	+12	−17	1	0.39
23299		05 00 40.83	+03 16 10.1	9.71		H																							
23300		05 00 41.56	+00 26 10.5	9.45		H	75.173 170 44	+00.436 251 67		4.15	−3.37	−4.84	1.49	0.97	1.61	1.89	1.14	+4	+21	−17	+33	+12	−20	+4	+48	−18	+10	0	0.04

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
23201	8.768	0.016	8.352	0.016		0.393	0.021	T	0.46	0.02	L	8.3895	0.0014	0.009	44		8.38	8.41					1							
23202	8.742	0.007	8.359	0.008		0.363	0.010	T	0.42	0.01	L	8.4134	0.0016	0.018	222		8.38	8.45					1							S
23203	12.637	0.300	8.472	0.013		2.700	0.510	G	2.70	0.52	J	8.0596	0.0350	0.515	125		6.83	8.50	444.00	P 1 A			1 S							
23204	8.330	0.013	7.379	0.010		0.803	0.005	G	0.83	0.00	H	7.4400	0.0017	0.007	44		7.43	7.45		C			1							S
23205	8.732	0.017	8.187	0.016	A	0.800	0.495	G	0.56	0.04	L *	8.1960	0.0024	0.012	49	*	8.16	8.21		D	04596+3135	I 1	2 C A	AB	216	1.769	0.012	2.30	0.05	S
23206	7.703	0.008	7.644	0.007		0.059	0.010	T	0.07	0.01	L	7.6651	0.0011	0.010	130		7.65	7.68		C			1							
23207	8.988	0.010	7.923	0.007		0.923	0.009	T	0.92	0.01	L	7.9800	0.0014	0.014	147		7.96	8.01					1							S
23208	11.372	0.073	9.979	0.035		1.180	0.006	G	1.30	0.01	I	9.9238	0.0033	0.025	103		9.88	9.97					1							
23209	9.154	0.019	8.535	0.017		0.550	0.015	G	0.62	0.01	H	8.6143	0.0029	0.017	52		8.59	8.64		C			1							
23210											T	10.4902	0.0419	0.254	68		10.29	10.96	10.29	P 1 A			1							G
23211	9.413	0.015	8.224	0.010		1.018	0.014	T	0.99	0.01	L	8.2677	0.0016	0.013	120		8.24	8.29		C			1							S
23212	9.661	0.028	9.193	0.028		0.441	0.036	T	0.51	0.04	L	9.2435	0.0038	0.021	60		9.20	9.29					1							
23213	7.891	0.009	6.770	0.005		0.952	0.001	G	0.94	0.00	H	6.8254	0.0010	0.008	82		6.81	6.84					1							S
23214	7.295	0.005	6.803	0.005		0.450	0.015	G	0.50	0.03	C	6.8521	0.0008	0.007	101		6.84	6.87		C	04598+1554	I 1	1							S
23215	10.175	0.023	8.308	0.009		1.552	0.020	T	1.57	0.02	L	8.2519	0.0026	0.029	144		8.22	8.31		U 2	04598−1839	I 1	1							
23216	8.012	0.010	6.258	0.005		1.462	0.009	T	1.47	0.01	L	6.2262	0.0008	0.008	68		6.21	6.24		C			1							S
23217	11.613	0.085	9.712	0.025		1.579	0.070	T	1.60	0.07	L	9.5592	0.0062	0.057	111		9.47	9.67		U 2			1							
23218	10.485	0.031	9.947	0.031		0.512	0.033	T	0.58	0.04	L	9.9710	0.0026	0.028	129		9.92	10.02					1 S							
23219	9.776	0.026	9.426	0.028		0.332	0.036	T	0.39	0.05	L	9.4536	0.0026	0.016	66		9.43	9.48		C			1							
23220	9.876	0.015	9.437	0.016		0.414	0.020	T	0.48	0.02	L	9.5212	0.0020	0.028	230		9.47	9.57		C			1							
23221	6.382	0.003	5.480	0.003		0.797	0.001	G	0.87	0.04	E	5.5358	0.0009	0.009	119		5.52	5.55		M			1 X							S
23222	11.109	0.082	10.567	0.080		0.508	0.103	T	0.58	0.11	L	10.3829	0.0046	0.034	73		10.33	10.43		D	04598+0031	I 1	1 X S							G
23223	8.590	0.014	8.507	0.016		0.082	0.020	T	0.09	0.02	L	8.5360	0.0017	0.012	67		8.51	8.56		C			1							
23224	9.241	0.013	8.016	0.009		1.047	0.012	T	1.02	0.01	L	8.0699	0.0015	0.013	122		8.04	8.09					1							S
23225	8.333	0.010	8.057	0.011	*	0.248	0.005	G	0.27	0.02	A *	8.1137	0.0013	0.010	111	*	8.09	8.13		D	04599−6835	H 1	2 C A	AB	240	0.225	0.020	2.55	0.35	S
23226	9.073	0.026	8.722	0.027	B	0.341	0.033	T	0.40	0.04	L	8.7403	0.1269			B				D	04599+2719	I 2	1 C I A							
23227	10.407	0.042	9.403	0.027		0.877	0.037	T	0.89	0.03	L	9.4772	0.0017	0.015	84		9.45	9.51		C			1 X							
23228	7.096	0.009	6.973	0.008	A	0.148	0.015	G	0.16	0.01	H	7.0111	0.0310	0.035	50	A	6.93	7.05		D	04599+2719	I 2	1 C P A							S
23229	8.541	0.015	8.031	0.014	*	0.526	0.015	G	0.60	0.02	H *	8.0789	0.0020	0.014	68	*	8.06	8.11		D	04599+5327	I 1	2 C S A	AB	306	0.182	0.010	0.70	0.23	S
23230	8.493	0.013	8.482	0.016		0.015	0.019	T	0.03	0.02	L	8.4973	0.0019	0.015	69		8.47	8.52		C			1							
23231	5.104	0.002	4.809	0.002		0.267	0.009	G	0.33	0.02	A	4.8507	0.0007	0.006	109		4.84	4.86		C			1							S P
23232	9.559	0.015	8.201	0.009		1.150	0.014	T	1.11	0.01	L	8.2380	0.0013	0.013	142		8.22	8.26		C			1							S
23233	7.871	0.005	7.461	0.005		0.388	0.007	T	0.45	0.01	L	7.5029	0.0007	0.011	254		7.49	7.53		C			1							S
23234	8.737	0.010	8.292	0.010	*	0.420	0.013	T	0.49	0.01	L *	8.5457	0.0016	0.020	266	*	8.51	8.58		D	05000+7003	I 1	2 C A	AB	39	2.079	0.003	0.29	0.01	
23235	9.027	0.014	8.539	0.013		0.468	0.015	G	0.54	0.02	H	8.5915	0.0014	0.014	103		8.57	8.62					1							S
23236	10.444	0.026	9.884	0.025		0.529	0.027	T	0.60	0.03	L	9.9533	0.0023	0.028	169		9.89	10.01					1							
23237	8.450	0.009	8.385	0.011		0.059	0.013	T	0.07	0.01	L	8.4074	0.0017	0.015	118		8.38	8.44		C			1							S
23238	7.894	0.007	7.895	0.008		0.000	0.009	T	0.02	0.01	L	7.9130	0.0011	0.011	133		7.89	7.94		C			1							S
23239	8.348	0.012	8.014	0.013		0.300	0.015	G	0.34	0.02	H	8.0548	0.0023	0.019	84		8.02	8.08		U	05000+1023	I 1	1 S							S
23240	9.546	0.028	8.194	0.017		1.200	0.024	G	1.16	0.02	H	8.2049	0.0012	0.009	103		8.19	8.22		C			1							
23241	10.099	0.032	8.735	0.018		1.155	0.029	T	1.12	0.03	L	8.7945	0.0025	0.015	66		8.77	8.82		C			1							
23242	10.427	0.027	9.759	0.024		0.608	0.027	T	0.68	0.02	L	9.8259	0.0026	0.026	129		9.78	9.87					1							
23243	10.046	0.021	9.279	0.017		0.683	0.021	T	0.74	0.02	L	9.3755	0.0016	0.022	157		9.33	9.44					1							
23244	8.142	0.009	8.012	0.010		0.118	0.012	T	0.13	0.01	L	8.0298	0.0015	0.012	102		8.01	8.05		C			1							S
23245	9.116	0.017	7.626	0.010		1.254	0.015	T	1.21	0.02	L	7.6422	0.0024	0.014	70		7.62	7.66	6.76	P 1 A			1							S
23246	7.967	0.006	7.821	0.006	*	0.140	0.008	T	0.15	0.01	L *	7.8662	0.0011	0.015	270	*	7.84	7.89		D	05001+6958	I 1	2 C A	AB	349	0.270	0.004	0.81	0.07	S
23247	8.873	0.016	8.700	0.019		0.166	0.023	T	0.18	0.02	L	8.7508	0.0040	0.022	57		8.71	8.78		U			1							
23248	10.007	0.020	9.078	0.015		0.796	0.003	G	0.84	0.00	H	9.1347	0.0023	0.023	133		9.09	9.17					1							
23249	10.199	0.029	9.064	0.018		0.976	0.027	T	0.96	0.02	L	9.1383	0.0025	0.018	101		9.10	9.16		C			1							
23250	7.843	0.009	7.825	0.014		0.014	0.002	G	0.03	0.00	H	7.8474	0.0014	0.009	63		7.83	7.86		C			1							S
23251	8.272	0.011	6.463	0.004		1.517	0.005	G	1.50	0.03	L	6.4173	0.0009	0.009	113		6.40	6.43			05003−7818	I 1	1							S
23252	8.022	0.007	8.033	0.009		−0.008	0.010	T	0.01	0.01	L	8.0449	0.0015	0.011	102		8.03	8.06					1							S
23253	8.424	0.016	8.264	0.018		0.120	0.020	G	0.13	0.02	H	8.3203	0.0012	0.010	57		8.30	8.34		C			1							
23254	10.230	0.030	10.004	0.037		0.216	0.045	T	0.24	0.05	L	9.9567	0.0025	0.022	112		9.91	9.99					1							G
23255	8.545	0.012	8.130	0.012		0.411	0.006	G	0.48	0.01	H	8.1770	0.0014	0.013	74		8.16	8.20		C			1							S
23256	10.360	0.039	9.022	0.020		1.135	0.034	T	1.10	0.04	L	9.0812	0.0019	0.017	85		9.05	9.11					1							
23257	9.255	0.013	8.955	0.014	*	0.285	0.018	T	0.32	0.02	L *	9.0101	0.0017	0.019	138	*	8.98	9.04		C	05003+5755	H 1	2 C S C	AB	183	0.172	0.083	2.62	1.65	
23258	10.388	0.032	9.304	0.021		0.937	0.029	T	0.93	0.02	L	9.3638	0.0027	0.029	100		9.31	9.42		C			1							
23259	8.880	0.017	8.123	0.015		0.680	0.015	G	0.74	0.01	H	8.1742	0.0021	0.011	47		8.16	8.21		C			1							S
23260	10.442	0.030	8.840	0.014		1.342	0.026	T	1.31	0.03	L	8.8354	0.0017	0.018	106		8.81	8.87		C			1							
23261	6.490	0.005	6.024	0.004	A	0.415	0.012	G	0.51	0.01	L *	6.0420	0.0009	0.005	57	*	6.03	6.05		D	05003+3924	I 1	2 C D	AB	278	3.947	0.032	3.41	0.13	S D
23262	8.772	0.011	8.499	0.012		0.260	0.015	T	0.29	0.02	L	8.5336	0.0013	0.012	105		8.51	8.55		C			1							
23263	11.607	0.085	10.266	0.040		1.137	0.074	T	1.10	0.08	L	10.3430	0.0027	0.035	114		10.28	10.40					1							G
23264	9.333	0.020	8.069	0.013		1.077	0.019	T	1.04	0.02	L	8.1033	0.0012	0.010	64		8.09	8.12		C			1							S
23265	6.795	0.005	5.242	0.003		1.304	0.005	T	1.26	0.01	L	5.2506	0.0008	0.007	130		5.24	5.26					1							S
23266	9.850	0.030	9.231	0.027		0.553	0.006	G	0.63	0.01	H	9.2402	0.0027	0.018	72		9.21	9.28		C			1 G							
23267	10.408	0.026	9.231	0.016		1.009	0.024	T	0.98	0.02	L	9.3202	0.0018	0.022	119		9.28	9.37					1							
23268	8.667	0.015	6.642	0.007		1.677	0.013	T	1.70	0.01	L	6.5628	0.0015	0.010	67		6.55	6.58					1							S
23269	9.814	0.031	9.314	0.030		0.470	0.039	T	0.54	0.04	L	9.3662	0.0030	0.018	56		9.33	9.40		C			1							
23270	8.333	0.014	7.869	0.015		0.403	0.015	G	0.47	0.02	H	7.9284	0.0018	0.010	54		7.91	7.95					1							S
23271	9.111	0.011	8.946	0.013	*	0.158	0.016	T	0.17	0.02	L *	8.9950	0.0019	0.023	205	*	8.96	9.03			05004+7128	H 1	2 C S B	AB	54	0.156	0.041	1.59	0.73	
23272	11.300	0.059	10.218	0.036		0.994	0.015	G	1.04	0.01	I	10.2558	0.0031	0.029	121		10.20	10.30		C			1 X							G
23273	10.741	0.043	9.089	0.018		1.382	0.037	T	1.35	0.04	L	9.0678	0.0017	0.020	95		9.03	9.10					1							
23274	9.543	0.020	9.019	0.019	*	0.450	0.015	G	0.52	0.02	H *	9.0468	0.0015	0.014	92	*	9.02	9.07		D	05004+4158	M 1	2 C B	BA	248	0.309	0.036	1.97	0.24	
23275	10.353	0.030	9.143	0.018		1.035	0.027	T	1.01	0.02	L	9.2446	0.0016	0.015	106		9.21	9.27					1							
23276	8.803	0.013	8.760	0.017		0.039	0.015	G	0.03	0.02	A	8.7642	0.0021	0.014	88		8.74	8.79		C			1							
23277	8.923	0.014	8.223	0.012	*	0.570	0.015	G	0.64	0.01	H *	8.1713	0.0013	0.012	85	*	8.16	8.20		D	05005+0506	I 1	2 C A	AB	246	1.278	0.005	0.66	0.01	S
23278	10.034	0.026	8.925	0.017		0.956	0.024	T	0.94	0.02	L	8.9979	0.0030	0.018	96		8.96	9.03					1							
23279	6.928	0.007	6.986	0.007		−0.033	0.006	G	−0.01	0.01	H	6.8555	0.0254	0.233	71		6.25	7.00		D	05006+0337	I 2	1 X S							S
23280	9.045	0.013	7.548	0.007		1.260	0.012	T	1.22	0.01	L	7.5634	0.0010	0.009	109		7.55	7.58		C			1							S
23281	9.684	0.018	8.080	0.009		1.344	0.016	T	1.31	0.02	L	8.0716	0.0015	0.014	119		8.05	8.10					1							S
23282	7.518	0.008	7.306	0.009		0.202	0.011	T	0.22	0.01	L	7.3520	0.0012	0.010	59		7.34	7.38		C			1							S
23283	10.025	0.037	9.398	0.034		0.583	0.044	T	0.65	0.04	L	9.4390	0.0027	0.016	53		9.42	9.47		C			1							
23284	9.195	0.023	9.039	0.027		0.349	0.015	G	0.41	0.02	H	9.0898	0.0025	0.014	56		9.06	9.11		C			1							
23285	9.594	0.018	9.064	0.017		0.491	0.001	G	0.58	0.02	A	9.1331	0.0019	0.015	102		9.11	9.16		C			1							
23286	7.561	0.007	6.823	0.006		0.673	0.008	G	0.73	0.01	H	6.8852	0.0008	0.007	114		6.87	6.90		C			1							S
23287	6.534	0.006	6.618	0.008		−0.053	0.007	G	−0.03	0.01	H	6.4441	0.0326	0.153	70		6.17	6.62		D	05006+0337	I 2	1 X S							S
23288	10.063	0.029	8.675	0.016		1.174	0.026	T	1.14	0.02	L	8.7018	0.0014	0.012	81		8.68	8.73					1							
23289	10.680	0.052	10.369	0.059		0.295	0.074	T	0.34	0.10	L	10.3278	0.0034	0.023	76		10.29	10.37		C			1							G
23290	9.517	0.018	8.828	0.015		0.636	0.019	T	0.70	0.02	L	8.8902	0.0016	0.013	93		8.86	8.92		C			1 S							
23291	10.318	0.049	9.769	0.046		0.514	0.060	T	0.59	0.06	L	9.9066	0.0042	0.021	45		9.88	9.94		C			1							G
23292	11.447	0.063	9.394	0.018		1.700	0.052	T	1.72	0.05	L	9.2851	0.0018	0.026	156		9.24	9.34		D			1							
23293	9.557	0.017	9.198	0.018		0.340	0.023	T	0.40	0.03	L	9.2387	0.0018	0.020	116		9.21	9.27		C			1							S
23294	7.974	0.009	7.629	0.010		0.345	0.014	G	0.40	0.02	H	7.6762	0.0012	0.009	95		7.66	7.69		C			1							S
23295	8.054	0.010	8.137	0.013		0.084	0.139	G	−0.08	0.03	L	8.1338	0.0024	0.018	68		8.10	8.16		D	05007+0316	I 2	1 S							S
23296	6.646	0.005	6.338	0.005		0.293	0.007	T	0.33	0.01	L	6.3887	0.0010	0.007	74		6.38	6.40		C			1							S
23297	9.545	0.019	9.059	0.018		0.457	0.024	T	0.53	0.03	L	9.1452	0.0025	0.024	105		9.11	9.18					1							
23298	7.271	0.006	7.190	0.006	*	0.065	0.002	G	0.07	0.00	H *	7.2574	0.0011	0.014	149	*	7.24	7.29		D	05007−1330	I 1	2 C A	AB	107	5.782	0.003	1.36	0.01	S
23299											T	9.8505	0.1195	0.770	66		8.41	10.59		D	05007+0316	I 2	S							G
23300	9.591	0.023	9.463	0.029		0.124	0.035	T	0.14	0.04	L	9.4947	0.0030	0.026	73		9.46	9.53		C			1							

Number		Descriptor: epoch J1991.25					Position: epoch J1991.25			Par.	Proper Motion		Standard Errors					Astrometric Correlations (%)										Soln	
HIP		RA h m s	Dec ±° ′ ″	V mag			α (ICRS) deg	δ deg		π mas	$\mu_{\alpha*}$ mas/yr	μ_δ	α* mas	δ	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ	δ α*	π α*	π δ	$\mu_{\alpha*}$ α*	$\mu_{\alpha*}$ δ	$\mu_{\alpha*}$ π	μ_δ α*	μ_δ δ	μ_δ π	μ_δ $\mu_{\alpha*}$	F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
23301		05 00 41.77	+12 36 14.2	8.26		H	75.174 021 82	+12.603 946 07		4.85	11.56	−19.37	0.98	0.59	1.19	1.18	0.68	+15	+25	−19	+21	+14	−2	+6	+58	−30	+20	0	1.47
23302		05 00 42.06	+30 53 49.8	10.84		G	75.175 267 38	+30.897 159 45		24.66	−71.92	−99.37	2.21	1.67	2.38	2.73	2.26	+7	+23	+0	−11	+23	+19	+20	−3	−6	+29	0	1.24
23303		05 00 42.62	+10 54 48.4	6.80		G	75.177 599 29	+10.913 449 27		8.04	−0.45	−8.71	0.80	0.50	0.90	0.94	0.56	+9	+27	−9	+24	+10	−16	+3	+55	−18	+16	0	1.03
23304		05 00 43.06	+84 34 29.4	10.88		G	75.179 420 47	+84.574 837 15		2.68	6.81	−2.55	1.01	1.26	1.41	0.98	1.45	−5	+16	−6	−4	+8	+0	+6	−13	−22	+1	4	2.02
23305		05 00 43.79	−07 31 53.9	9.37		H	75.182 473 33	−07.531 642 03		5.06	−6.14	−2.34	1.08	0.85	1.22	1.44	1.07	−13	+5	−27	+33	−26	−5	−23	+16	−5	+15	0	1.55
23306		05 00 43.89	−17 35 06.3	8.60		G	75.182 861 85	−17.585 078 26		10.01	−2.97	−15.57	0.62	0.69	1.11	0.79	0.94	+27	+16	−6	+10	−18	+10	−32	−15	−26	−27	0	0.71
23307		05 00 45.01	+48 48 52.7	8.66		H	75.187 525 33	+48.814 648 68		11.77	−28.11	−21.15	1.03	0.77	1.21	1.38	0.90	+20	+12	−12	−17	−7	+17	−10	+24	−16	+27	0	0.16
23308		05 00 45.80	−47 36 13.7	7.77		H	75.190 837 93	−47.603 806 02		2.73	10.63	−16.31	0.58	0.60	0.68	0.63	0.69	−10	+18	−14	+6	−15	+26	−12	−5	+4	+1	0	0.85
23309		05 00 47.09	−57 15 26.1	10.02	2	H	75.196 215 15	−57.257 250 88		38.08	35.64	72.80	0.97	0.97	1.07	1.09	0.98	+5	−1	−2	−12	−4	+6	−3	−20	−7	+7	0	0.86
23310		05 00 47.20	+04 34 03.8	6.69		H	75.196 678 37	+04.567 725 41		6.88	84.73	−35.94	0.76	0.49	0.90	0.86	0.58	+16	+41	−11	+26	+21	−6	+12	+53	−17	+22	0	0.69
23311		05 00 48.68	−05 45 03.5	6.22		H	75.202 821 68	−05.750 979 23		113.46	550.74	−1109.30	0.73	0.53	0.82	1.00	0.68	+2	+12	−21	+34	+8	−10	+5	+35	−10	+2	0	0.69
*23312		05 00 48.84	+04 43 59.1	9.71		H	75.203 515 96	+04.733 088 07		16.77	71.50	10.67	1.50	0.91	1.79	1.69	1.04	+0	+46	−18	+16	+12	−10	+1	+48	−18	+6	2	−0.06
*23313		05 00 48.81	−00 30 03.2	9.51		H	75.203 362 10	−00.500 881 69		1.44	0.35	−0.36	1.36	0.96	1.56	1.60	1.13	+9	+33	−28	+29	+19	−15	+4	+52	−27	+31	0	1.49
23314		05 00 49.59	−35 00 01.6	8.11		G	75.206 626 11	−35.000 457 59		15.93	−34.50	32.07	0.53	0.65	0.75	0.54	0.75	−9	+16	−7	+6	−14	+20	−13	−5	+9	−6	1	−1.17
23315		05 00 50.47	+54 35 04.1	8.63		H	75.210 304 84	+54.584 479 85		5.90	−18.06	−2.57	0.91	0.77	1.10	1.06	0.85	+18	+21	−7	+20	−8	−12	−8	+13	−9	+33	0	0.84
23316		05 00 51.84	−41 01 06.8	9.52	2	H	75.216 011 47	−41.018 559 08		13.77	32.09	11.96	0.74	0.92	0.97	0.77	1.07	−12	+8	−13	−17	−2	+20	+2	−29	+11	+1	1	−0.21
23317	H	05 00 51.98	+61 07 31.0	10.03		H	75.216 581 94	+61.125 270 33	A	22.01	128.94	−221.17	2.77	6.54	2.26	1.57	1.27	−47	+21	−13	−38	+22	−30	+39	−4	+7	−25	1	−2.07
23318		05 00 54.05	+77 46 31.8	7.71		G	75.225 223 73	+77.775 504 43		20.08	−13.50	1.15	0.47	0.57	0.69	0.54	0.69	−2	+17	+9	+11	+9	+3	+12	−13	−3	+10	0	−1.62
23319		05 00 54.22	−02 25 06.9	9.63		H	75.225 925 25	−02.418 580 73		4.50	13.55	−25.36	1.29	0.93	1.56	1.54	1.10	+14	+19	−13	+18	−3	−4	−3	+20	−1	+19	0	−1.24
23320		05 00 55.30	+06 35 04.7	9.18		H	75.230 426 65	+06.584 650 74		0.47	−5.15	−0.60	1.36	0.81	1.60	1.58	0.95	+13	+44	−19	+13	+25	+16	+19	+52	−22	+6	4	1.65
23321		05 00 56.51	−42 00 10.9	7.75	2	H	75.235 461 61	−42.003 032 15		1.80	−1.67	0.25	0.54	0.67	0.69	0.56	0.82	−10	+15	+0	+5	−7	+4	−6	−12	+3	+1	1	−0.28
23322		05 00 57.08	−22 36 06.5	9.47		G	75.237 822 90	−22.601 799 05		12.68	206.88	−87.26	0.84	0.99	1.57	1.14	1.28	−7	+12	−9	−38	−7	+8	+0	+2	−7	−25	0	0.84
23323		05 01 01.85	+38 24 51.0	9.10		G	75.257 709 41	+38.414 166 01		−0.31	3.57	−3.10	1.21	0.95	1.51	1.59	1.00	+0	+24	−38	+5	+17	−26	+7	+18	−5	−7	3	0.35
23324	H	05 01 02.05	+65 21 46.1	8.82		H	75.258 523 28	+65.362 805 50	A	3.43	6.94	−25.19	1.78	1.70	2.28	2.15	1.78	−1	−1	+0	+4	+36	+16	+32	+8	−1	+26	0	0.71
23325	H	05 01 02.53	−48 12 40.7	8.82		H	75.260 525 56	−48.211 306 31	A	3.93	9.57	9.01	1.51	1.44	1.46	1.60	1.62	+4	+5	+1	+20	−5	−1	+0	−2	+3	+24	1	0.77
23326	H	05 01 03.00	−11 12 29.1	7.33		G	75.262 510 11	−11.208 073 62	*	4.30	5.78	−1.09	0.66	0.50	0.87	0.70	0.57	−6	+40	−20	+14	−13	+7	−20	+12	−22	−11	0	1.49
23327		05 01 03.26	−09 13 29.4	8.93		H	75.263 571 59	−09.224 844 71		3.76	−2.07	−1.12	0.88	0.67	1.12	1.01	0.77	−28	+33	−17	+21	−30	+7	−35	+10	−25	−36	0	−0.58
23328		05 01 06.02	+03 43 02.4	7.25	1	G	75.275 094 03	+03.717 339 23		3.01	−1.48	−6.01	0.89	0.52	1.08	0.98	0.61	+0	+51	−21	+13	+15	−5	−2	+46	−25	+15	0	0.10
23329		05 01 06.96	+58 39 57.2	7.37		H	75.279 009 64	+58.665 885 42		6.91	11.36	−45.96	0.62	0.59	0.97	0.79	0.70	+15	+22	−8	+3	+4	−26	+3	+12	+6	+10	0	0.28
23330		05 01 07.53	+33 35 51.9	9.16		H	75.281 387 89	+33.597 763 26		7.15	1.02	−23.64	1.32	0.95	1.45	1.41	1.10	+10	+36	+1	+7	+23	+18	+14	+29	−3	+35	3	−1.35
23331		05 01 07.59	−10 57 24.0	8.43	2	H	75.281 637 04	−10.956 673 17		1.99	1.04	−7.97	0.85	0.63	1.06	0.88	0.70	−16	+40	−17	+29	−22	+2	−29	+17	−19	−19	2	0.85
23332		05 01 07.70	+56 16 11.2	8.65		H	75.282 086 57	+56.269 787 29		8.88	9.68	−40.62	0.85	0.71	1.01	1.16	0.94	+12	+11	−15	+16	+1	−5	+2	+7	−14	+34	0	0.12
23333		05 01 08.01	+23 26 20.6	7.78		H	75.283 385 28	+23.439 049 03		5.67	4.63	−11.78	0.88	0.64	0.97	1.02	0.74	+7	+32	−19	+1	+18	−8	+11	+14	−12	+25	0	−0.36
23334		05 01 09.15	−53 00 32.0	8.50		H	75.288 110 10	−53.008 875 72		2.13	13.02	−9.36	0.65	0.64	0.70	0.68	0.69	−9	−8	+12	−1	−16	+15	−19	+8	−2	−6	0	−0.30
23335	H	05 01 09.42	−74 20 27.1	6.90		G	75.289 235 61	−74.340 870 77	A	3.57	12.86	10.48	1.09	0.95	0.96	0.97	1.09	−10	+11	−6	−26	+4	+19	+6	−11	−2	−18	1	1.67
23336		05 01 09.78	+29 20 05.3	8.63		H	75.290 769 03	+29.334 812 99		5.44	−0.72	−8.15	1.18	0.94	1.24	1.51	1.12	+13	+10	−25	+40	+11	−13	+8	+39	−3	+17	0	−0.36
23337	H	05 01 10.83	+34 30 26.6	10.08	2	H	75.295 121 16	+34.507 394 00	A	4.77	9.04	−5.33	5.02	3.09	5.39	4.91	3.09	−13	+53	−45	−6	−15	−5	−9	+16	−10	+20	1	2.37
23338		05 01 12.00	−09 51 58.5	9.11		H	75.299 984 95	−09.866 260 19		3.41	1.44	−13.33	0.90	0.72	1.21	1.01	0.81	−18	+28	−19	+19	−19	−9	−26	+13	−28	−8	0	−0.60
23339		05 01 12.77	+07 52 09.5	8.69		G	75.303 202 06	+07.869 299 78		5.50	−4.96	−16.99	1.08	0.67	1.18	1.24	0.78	+23	+41	−2	+26	+18	+3	+15	+56	−6	+23	0	0.23
23340		05 01 13.78	−65 33 10.3	8.94		H	75.307 407 70	−65.552 866 41		8.73	35.48	48.58	0.87	0.88	0.91	0.70	1.16	−9	+8	−15	−52	+21	−1	+22	−13	+5	+25	0	−0.10
23341		05 01 15.44	−45 56 11.1	8.53		H	75.314 350 07	−45.936 422 51		4.81	6.75	12.93	0.67	0.72	0.79	0.74	0.88	+8	−4	−3	−18	−10	−3	−12	−17	+15	+7	3	0.71
23342		05 01 15.67	−65 46 06.8	11.98		G	75.315 279 12	−65.768 547 58		23.98	132.18	322.90	2.34	2.29	2.39	2.21	3.24	−8	+16	−9	−38	+17	−5	+20	−14	+9	+16	0	0.61
23343		05 01 16.45	+28 14 36.4	10.43		H	75.318 552 91	+28.243 455 83		0.89	0.40	−3.37	1.79	1.22	2.19	1.89	1.35	+17	+48	+10	−3	+13	−22	+14	+20	−11	+26	0	−0.09
23344		05 01 16.53	+04 06 38.3	9.79		H	75.318 881 61	+04.110 639 12		7.80	154.34	−146.31	1.69	0.92	2.09	1.66	1.04	−14	+57	−33	+31	+3	+1	−19	+49	−38	+7	0	−0.57
23345		05 01 16.58	−54 00 28.8	8.18		H	75.319 080 43	−54.007 996 46		12.04	−37.23	−43.49	0.62	0.59	0.66	0.63	0.70	−6	−13	+3	+13	−3	−20	−1	+9	−12	+7	0	−0.90
23346		05 01 18.06	−60 38 57.4	9.25	1	H	75.325 260 78	−60.649 266 88		1.27	−1.84	1.87	0.84	0.79	0.83	1.12	1.08	+1	−5	−16	−37	−9	+17	−1	+2	+3	−15	2	0.14
23347		05 01 18.27	−23 42 28.9	7.48		G	75.326 131 34	−23.708 024 30		14.78	25.31	61.57	0.50	0.61	0.83	0.61	0.88	−6	+25	−9	−19	+3	−8	−7	+12	−21	+13	0	1.21
23348		05 01 18.37	+45 26 46.6	8.01		H	75.326 527 24	+45.446 278 02		3.51	−5.25	−2.18	0.86	0.54	1.03	0.86	0.57	+13	+38	+1	+10	−10	−8	−17	+35	−23	+16	0	0.62
*23349	H	05 01 18.91	+26 32 03.5	7.45		H	75.328 810 24	+26.534 307 76	A	4.64	2.19	−5.67	2.12	1.41	2.12	2.99	1.51	+23	+11	−23	+2	−34	+20	−23	−2	−3	+12	1	0.83
*23350		05 01 18.91	−17 33 27.7	8.00		G	75.328 792 09	−17.557 696 30		7.00	−7.75	−41.94	0.61	0.66	1.03	0.75	0.93	+29	+13	−3	+7	−21	+4	−31	−6	−23	−22	0	0.91
23351		05 01 19.39	+14 12 15.7	8.96		H	75.330 810 43	+14.204 353 58		8.51	6.55	−3.45	1.40	0.79	1.93	1.51	0.95	+12	+40	−28	+13	+28	−6	+1	+68	−44	+33	0	0.07
23352		05 01 19.98	−13 05 21.8	8.76		H	75.333 241 72	−13.089 388 76		1.93	13.80	−1.32	0.72	0.68	1.11	0.85	0.72	+12	+14	−18	+13	−13	−11	−16	−15	+6	+5	0	−0.36
23353		05 01 20.81	+15 44 39.8	7.41		H	75.336 699 42	+15.744 378 49		1.20	1.24	−2.60	0.87	0.62	1.03	0.94	0.67	+33	+29	−28	+21	+46	−19	+24	+72	−32	+57	0	1.41
23354		05 01 21.09	−31 23 36.8	7.94		H	75.337 857 55	−31.393 561 28		1.93	−3.60	15.66	0.53	0.68	0.86	0.59	0.83	−13	+14	−9	+2	−3	+18	−5	+0	−29	−6	1	0.40
23355		05 01 21.54	+45 53 20.9	7.42		G	75.339 732 83	+45.889 139 40		11.95	−7.21	−64.76	0.84	0.57	0.95	0.94	0.61	+7	+25	+7	+26	−14	−6	−14	+50	−9	+4	2	0.73
23356	H	05 01 21.62	+19 55 49.9	9.49		H	75.340 070 26	+19.930 526 28	A	4.87	−8.95	−8.11	2.54	1.87	2.72	3.28	1.86	+10	+14	−47	−7	+16	+5	+10	+35	−28	+32	1	−0.45
23357	H	05 01 21.91	+62 09 16.9	8.93		H	75.341 284 46	+62.154 684 03	A	4.57	−4.05	−16.85	2.56	2.56	2.68	1.82	1.65	−10	−12	+11	−16	+26	−4	+31	+23	−26	−1	1	−0.26
*23358		05 01 22.45	−33 29 24.3	12.22	2	H	75.343 552 28	−33.490 077 08		5.40	39.38	20.86	1.98	2.23	2.76	2.36	3.11	−2	+7	+2	+2	−11	+4	−13	+3	−11	+3	4	3.20
*23359		05 01 22.43	+42 00 21.8	7.86		H	75.343 438 92	+42.006 065 42		1.47	2.95	−3.66	1.03	0.71	1.09	1.24	0.85	+42	+38	−1	+7	+25	+2	+9	+63	−16	+58	0	0.19
23360		05 01 23.19	+39 57 37.4	7.51	3	H	75.346 615 15	+39.960 401 44		1.32	0.34	−3.25	0.91	0.60	1.02	1.12	0.69	+7	+29	−2	+23	−12	+1	−14	+54	−24	+3	0	−0.56
23361		05 01 25.38	+15 14 39.3	8.02		H	75.355 738 45	+15.244 246 38		6.24	−40.03	−29.87	0.96	0.71	1.19	1.14	0.81	+27	+26	−32	+20	+53	−25	+26	+80	−37	+56	2	2.58
23362		05 01 25.56	−20 03 06.8	4.91		H	75.356 491 11	−20.051 880 78		15.60	36.68	−15.47	0.48	0.44	0.73	0.56	0.63	+0	+27	−9	+3	−26	+11	−30	+13	−36	−37	1	0.29
23363		05 01 25.65	−00 41 48.6	6.76		H	75.356 876 45	−00.696 845 99		5.60	9.49	−25.17	0.77	0.58	0.96	0.97	0.70	+17	+19	−39	+27	+30	−24	+12	+52	−40	+36	0	−0.41
23364		05 01 26.34	−07 10 26.3	4.80	1	H	75.359 770 51	−07.173 978 02		3.41	−0.23	5.16	0.68	0.55	0.82	0.82	0.64	−10	+19	−38	+25	−12	+1	−16	+31	−9	+15	2	−0.06
23365		05 01 26.71	−49 34 37.8	8.45		H	75.361 296 30	−49.577 154 59		3.67	11.56	−17.08	0.72	0.76	0.82	0.78	0.90	+4	+3	+4	+1	−15	+16	−17	−7	−2	+9	0	0.46
23366		05 01 26.87	−38 55 13.9	8.21		H	75.361 975 49	−38.920 514 86		1.30	5.18	14.68	0.52	0.71	0.75	0.55	0.91	+0	+0	−8	−2	+2	+7	+5	−12	+0	+15	0	−0.44
23367		05 01 26.96	+48 57 26.8	8.68		H	75.362 315 25	+48.957 437 53		2.92	5.33	11.26	1.09	0.77	1.20	1.42	0.88	+10	−1	−9	−18	−9	+7	−11	+27	−10	+19	0	1.01
23368		05 01 28.11	−30 14 03.2	8.01		H	75.367 108 82	−30.234 226 11		2.18	−1.41	−6.08	0.60	0.79	0.96	0.63	0.97	−3	+12	−11	+17	+7	+15	+1	+24	−30	+5	1	0.30
*23369		05 01 28.36	+44 23 53.3	7.28		H	75.368 158 97	+44.398 125 79		5.76	3.44	−32.30	0.92	0.55	1.17	0.87	0.62	−9	+52	−31	+19	−2	−20	−30	+52	−47	+17	0	1.72
*23370		05 01 28.35	−10 38 57.5	7.39		H	75.368 106 14	−10.649 305 35		3.16	17.89	−5.12	0.71	0.53	0.89	0.81	0.62	−17	+34	−19	+19	−16	−10	−23	+18	−16	−17	0	2.45
23371		05 01 29.77	+23 06 15.3	8.64		H	75.374 024 71	+23.104 242 43		2.44	−9.00	−8.49	1.14	0.89	1.32	1.41	1.01	+8	+21	−41	+3	+43	−26	+24	+40	−28	+43	0	−0.93
23372		05 01 29.83	−85 29 10.4	9.16		H	75.374 307 34	−85.486 215 73		7.28	−58.01	−68.33	0.74	0.81	0.86	0.86	0.97	−3	+11	+0	+1	−3	+4	−2	+23	−1	−8	3	0.68
23373		05 01 30.05	−21 39 51.1	8.04	1	H	75.375 214 00	−21.664 207 27		15.63	−6.91	111.81	0.76	0.75	1.08	0.90	0.92	−6	+19	+15	+21	−26	+13	−29	+21	−22	−43	0	0.55
23374		05 01 32.77	−68 01 43.6	8.20	2	H	75.386 562 39	−68.028 769 88		1.13	5.34	22.97	0.63	0.66	0.67	0.66	0.81	−4	+4	+0	−19	−3	+16	−4	−18	−2	−19	0	−0.57
23375		05 01 34.29	+43 26 08.7	8.48		H	75.392 892 38	+43.435 740 08		2.38	−2.43	−2.65	1.30	0.77	1.39	1.38	0.90	+13	+49	−11	+31	−2	−8	−17	+64	−35	+24	0	0.69
23376	H	05 01 34.40	−52 03 09.6	9.18		H	75.393 351 05	−52.052 669 19	A	1.73	11.32	23.59	1.16	1.20	1.15	1.18	1.24	−17	−3	+6	+19	−21	−15	−20	+26	−6	−24	3	0.49
23377		05 01 34.53	−39 43 05.3	6.02		H	75.393 859 11	−39.718 126 49		8.90	−4.39	33.25	0.44	0.52	0.57	0.52	0.64	−1	+7	−25	−26	−9	+18	−4	−32	+18	+5	0	−0.04
23378		05 01 34.60	+32 54 23.8	10.34		H	75.394 164 33	+32.906 598 56		2.39	1.61	−10.10	1.75	1.21	1.94	1.97	1.37	−5	+36	−23	−4	+29	+17	+22	+25	−9	+22	0	1.05
23379		05 01 34.90	−58 31 14.7	8.54		H	75.395 424 06	−58.520 755 35		1.22	8.01	−35.70	0.67	0.66	0.72	0.71	0.71	+9	−2	−4	+5	−1	+7	−3	−16	+2	−1	0	0.06
23380		05 01 36.02	+61 04 42.4	6.03		H	75.400 098 62	+61.078 432 27		27.10	16.40	−179.31	0.53	0.44	0.80	0.62	0.49	−16	+7	−10	−41	+36	−19	+34	−3	+3	−12	0	−1.76
23381		05 01 36.16	−44 49 48.4	7.54	2	H	75.400 675 91	−44.830 100 43		10.05	5.93	−67.31	0.57	0.67	0.72	0.70	0.83	−10	+20	+19	−3	+6	+8	+3	−12	−4	−29	0	0.66
23382		05 01 36.74	+12 20 28.2	7.66		H	75.403 098 90	+12.341 175 43		6.24	53.10	−116.50	0.88	0.54	1.07	1.06	0.63	+18	+27	−13	+26	+14	+0	+7	+62	−27	+20	2	0.46
23383		05 01 37.08	−62 05 26.3	9.34		G	75.404 506 79	−62.090 628 67		15.86	105.46	176.46	0.80	0.82	0.85	0.90	1.05	+1	+13	−2	−5	+3	+3	+4	+3	−1	−8	1	−0.89
23384		05 01 37.45	+24 38 14.0	8.06		H	75.406 032 15	+24.637 223 49		25.65	93.73	−268.33	1.24	0.83	1.43	1.58	1.10	+9	+37	−22	−4	−3	+2	−8	−8	−15	+11	0	−1.72
23385		05 01 37.96	+02 54 25.1	8.94	2	H	75.408 177 41	+02.906 976 57		5.85	−1.98	12.24	1.41	0.91	1.68	1.66	1.09	+21	+28	−19	−12	+22	+5	+13	+43	−29	+26	2	1.69
23386		05 01 38.56	−02 43 14.4	8.32		H	75.410 684 20	−02.720 668 61		6.57	12.25	−15.07	0.91	0.68	1.10	1.03	0.81	+12	+23	−15	+28	−3	−3	−2	+23	+7	+24	0	−0.93
23387		05 01 38.91	+37 24 34.4	8.19		H	75.412 141 93	+37.409 547 97		1.19	1.50	−12.28	0.98	0.75	1.33	0.91	0.69	−8	+51	−52	+1	+34	−28	+4	+34	−30	+38	8	−0.49
23388		05 01 38.97	+10 12 35.3	10.07		H	75.412 361 60	+10.209 800 30		4.77	11.41	−4.24	2.11	1.23	2.36	2.36	1.35	−7	+36	−24	+23	+8	−14	−5	+55	−23	+9	0	0.05
23389		05 01 40.34	+50 43 59.0	8.96		H	75.418 090 04	+50.733 069 38		−2.06	−4.77	−2.33	1.33	1.00	1.54	1.61	1.06	−17	+19	−26	+23	−29	−2	−28	+44	−16	−22	0	−1.03
23390		05 01 40.51	−49 02 48.5	9.26		H	75.418 807 17	−49.046 792 86		4.75	−6.78	19.97	0.70	0.80	0.84	0.77	0.96	−7	+2	+5	+1	−3	+17	−3	−6	+1	+3	0	1.21
23391		05 01 41.47	−78 10 59.8	7.86		H	75.422 789 34	−78.183 266 42		3.69	58.65	55.57	0.59	0.55	0.64	0.64	0.77	−19	+30	−10	−18	+2	+0	+1	−25	+0	−18	0	1.33
23392		05 01 42.42	+84 52 21.2	7.71		H	75.426 734 72	+84.872 561 22		3.06	−2.15	2.99	0.47	0.57	0.63	0.51	0.71	−3	+12	+4	+8	+3	+3	+4	−13	−15	+8	2	−0.10
23393		05 01 42.65	+38 47 21.0	7.55		H	75.427 699 67	+38.789 179 19		6.68	11.37	15.23	0.95	0.61	1.09	1.00	0.68	+13	+40	−24	+16	+23	−7	+4	+54	−29	+36	0	1.02
23394		05 01 43.56	+55 34 30.3	7.39		H	75.431 502 58	+55.575 071 84		4.65	27.18	−24.14	0.77	0.66	0.95	0.90	0.81	−4	+26	−26	+39	−12	+5	−17	+33	−25	+7	0	0.78
*23395	H	05 01 44.28	+26 40 15.8	6.79		H	75.434 489 08	+26.671 062 13	A	25.27	−2.32	43.47	6.54	3.25	1.77	2.55	1.34	+3	+9	−16	−5	−27	+29	−13	−4	+2	+29	2	0.98
*23396	H	05 01 44.26	+20 49 48.3	7.99		G	75.434 431 38	+20.830 070 77	A	24.38	−65.85	−92.74	2.32	1.60	1.78	2.03	1.32	+11	+30	−15	+18	−18	−1	−10	+26	+9	−13	0	−0.21
23397		05 01 44.38	−70 02 54.8	9.78		G	75.434 929 80	−70.048 554 97		4.07	29.84	129.41	1.04	1.07	1.07	1.12	1.33	+12	+6	−9	−34	−17	+18	−17	−20	+7	+11	1	0.00
23398		05 01 44.91	−22 01 31.6	9.28		H	75.437 137 76	−22.025 447 28		3.23	2.54	−7.93	0.90	1.07	1.55	1.49	1.35	−15	+0	+7	+1	−28	+8	−18	+16	−18	−42	0	−1.10
23399		05 01 45.31	+42 20 40.3	8.11		H	75.438 786 43	+42.344 540 81		14.34	12.40	−137.79	1.12	0.71	1.21	1.31	0.85	+27	+47	+6	+10	+5	+10	−10	+61	−15	+42	0	−0.30
23400		05 01 45.92	+31 46 41.3	7.71		H	75.441 347 43	+31.778 140 79		4.90	−7.73	−14.05	0.94	0.77	1.10	1.44	1.10	+33	+5	−30	−16	−23	+38	−13	−22	+28	+64	0	0.88

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
23301	8.385	0.010	8.271	0.012		0.130	0.015	G	0.14	0.01	H	8.3098	0.0009	0.008	90		8.29	8.33					1							
23302						1.243	0.013	G	1.40	0.01	I	11.0063	0.0078	0.040	48		10.91	11.06					1							G
23303	6.851	0.005	6.808	0.006		0.034	0.009	G	0.05	0.01	H	6.8226	0.0009	0.005	92		6.81	6.83		C			1							S
23304	11.257	0.060	11.047	0.084		0.444	0.002	G	0.51	0.00	H	10.9780	0.0035	0.033	132		10.92	11.03		C			1							G
23305	9.664	0.028	9.434	0.033		0.219	0.041	T	0.24	0.05	L	9.4371	0.0024	0.017	70		9.41	9.46					1							
23306	9.228	0.011	8.673	0.010		0.539	0.015	G	0.61	0.02	H	8.7136	0.0018	0.018	157		8.68	8.75					1							
23307	9.268	0.022	8.708	0.021		0.524	0.027	T	0.60	0.03	L	8.7731	0.0016	0.016	56		8.75	8.80		C			1							
23308	9.777	0.018	7.973	0.008		1.502	0.016	T	1.53	0.02	L	7.8939	0.0013	0.014	125		7.87	7.92		C			1							S
23309	11.774	0.100	10.229	0.040		1.297	0.085	T	1.26	0.09	L	10.1814	0.0064	0.056	95		10.08	10.28		U			1	S						
23310	8.018	0.008	6.812	0.005		1.032	0.007	T	1.00	0.01	L	6.8597	0.0010	0.007	88		6.85	6.87		C			1							S
23311	7.609	0.010	6.344	0.007		1.049	0.011	G	1.10	0.02	A	6.3630	0.0009	0.006	65		6.35	6.37		C			1							S
23312	10.930	0.051	9.820	0.032		0.957	0.047	T	0.94	0.03	L	9.8703	0.0040	0.025	84		9.82	9.92					1							
23313	9.542	0.025	9.490	0.032		0.053	0.038	T	0.07	0.03	L	9.5304	0.0029	0.020	68		9.50	9.58		C			1							
23314	8.715	0.012	8.171	0.011		0.524	0.015	G	0.60	0.02	H	8.2167	0.0011	0.011	120		8.19	8.25		C			1							S
23315	9.167	0.019	8.676	0.018		0.462	0.024	T	0.53	0.03	L	8.7374	0.0019	0.012	68		8.71	8.76					1							
23316	10.355	0.031	9.611	0.025		0.666	0.030	T	0.73	0.03	L	9.6603	0.0050	0.037	98		9.59	9.71		U 2			1							
23317	11.369	0.062	10.129	0.032	*	1.036	0.020	G	1.09	0.02	I	*	10.1647	0.0027	0.028	160	*	10.12	10.21		C	05009+6107	H 1	2 C	B	AB	344	0.301	0.026	1.94	0.30	G
23318	8.394	0.008	7.794	0.008		0.560	0.010	T	0.63	0.01	L	7.8319	0.0010	0.009	135		7.82	7.86					1							S
23319	10.275	0.039	9.725	0.038		0.515	0.049	T	0.59	0.05	L	9.7404	0.0037	0.021	75		9.71	9.77		C			1							
23320	11.013	0.073	9.333	0.027		1.404	0.061	T	1.38	0.07	L	9.3256	0.0025	0.018	67		9.30	9.36		C			1							
23321	9.925	0.025	7.973	0.010		1.654	0.022	T	2.32	0.06	O	7.7984	0.0088	0.064	101		7.72	7.88	33.82	P 1 A			1							S
23322	10.229	0.021	9.544	0.018		0.620	0.002	G	0.69	0.00	H	9.6102	0.0026	0.028	164		9.56	9.66					1							
23323	9.358	0.022	9.178	0.026		0.226	0.003	G	0.25	0.00	H	9.1854	0.0035	0.019	60		9.15	9.22		C			1							
23324	9.049	0.010	8.880	0.012	A	0.200	0.495	G	0.19	0.04	L	*	8.8795	0.0022	0.023	153	*	8.84	8.92		C	05010+6522	I 1	2 C	D	AB	113	2.526	0.032	3.01	0.26	D
23325	9.268	0.018	8.805	0.018	*	0.450	0.020	T	0.52	0.02	L	*	8.9221	0.0031	0.028	103	*	8.89	8.99		R	05010−4813	I 1	2 C	A	AB	325	9.016	0.010	1.71	0.06	
23326	7.279	0.006	7.325	0.007	*	−0.042	0.002	G	−0.02	0.00	H	*	7.3320	0.0009	0.007	92	*	7.32	7.35		D	05010−1112	I 1	2 C	S A	AS	220	0.122	0.015	0.90	0.58	S
23327	8.968	0.012	8.937	0.016		0.033	0.018	T	0.05	0.01	L		8.9449	0.0017	0.019	132		8.91	8.98		C			1							
23328	7.074	0.006	7.216	0.009		−0.139	0.005	G	−0.13	0.01	H		7.2061	0.0024	0.014	72		7.18	7.22	2.42	P 1 A			1							S
23329	8.681	0.010	7.487	0.007		1.022	0.010	T	1.00	0.01	L		7.5394	0.0013	0.011	119		7.52	7.56					1							
23330	10.316	0.041	9.237	0.028		0.934	0.038	T	0.93	0.03	L		9.3257	0.0024	0.014	54		9.29	9.37					1							
23331	8.268	0.009	8.408	0.012		−0.119	0.009	G	−0.10	0.01	H		8.3946	0.0025	0.022	102		8.37	8.44		U 2			1							S
23332	9.315	0.018	8.708	0.017		0.566	0.022	T	0.64	0.02	L		8.7713	0.0019	0.018	91		8.74	8.81					1							S
23333	8.002	0.013	7.812	0.015		0.270	0.015	G	0.30	0.02	H		7.8545	0.0013	0.008	53		7.84	7.87		C			1							S
23334	10.257	0.024	8.654	0.012		1.343	0.021	T	1.31	0.02	L		8.6480	0.0017	0.015	113		8.61	8.69			05012−5301	I 1	1							
23335	6.904	0.007	6.949	0.008	*	−0.026	0.002	G	0.00	0.00	H	*	6.8983	0.0012	0.010	95	*	6.88	6.92		D	05012−7420	I 1	2 C	A	AB	170	0.787	0.002	0.48	0.01	S
23336	8.757	0.016	8.619	0.019		0.090	0.020	G	0.10	0.02	H		8.6648	0.0025	0.017	50		8.64	8.71		C			1							
23337	11.123	0.099	10.403	0.086	A	0.643	0.155	G	0.71	0.14	R	*	10.2117	0.0484	0.152	52	*	10.07	10.43	0.37	P 1 A	05012+3430	M 1	2 C	A	AB	229	1.699	0.016	1.04	0.10	G
23338	10.464	0.034	9.227	0.020		1.056	0.031	T	1.02	0.03	L		9.2729	0.0019	0.019	109		9.24	9.31					1							
23339	9.364	0.016	8.784	0.015		0.581	0.015	G	0.65	0.01	H		8.8171	0.0015	0.013	80		8.79	8.84		C			1							
23340	9.508	0.018	8.943	0.017		0.533	0.018	T	0.61	0.02	L		9.0534	0.0023	0.020	86		9.02	9.08		C			1							
23341	8.623	0.010	8.550	0.012		0.066	0.014	T	0.08	0.01	L		8.5552	0.0014	0.012	104		8.53	8.58		C			1							S
23342						1.410	0.022	G	1.70	0.06	I		12.1077	0.0079	0.060	84		11.97	12.22					1							D
23343	11.110	0.083	10.549	0.080		0.707	0.015	G	0.76	0.01	H		10.5753	0.0045	0.023	51		10.53	10.62		C			1	G						G
23344	10.278	0.032	9.855	0.034		0.413	0.038	T	0.48	0.04	L		9.8810	0.0024	0.018	76		9.86	9.92		C			1							
23345	8.707	0.010	8.232	0.010		0.447	0.013	T	0.52	0.01	L		8.2785	0.0016	0.013	113		8.26	8.30		C			1							S
23346	11.166	0.055	9.415	0.020		1.489	0.048	T	1.65	0.15	O		9.3595	0.0015	0.018	103		9.32	9.39		U			1							
23347	8.020	0.006	7.528	0.006		0.458	0.015	G	0.53	0.02	H		7.5889	0.0009	0.012	156		7.57	7.61		C	05013−2342	I 1	1							S
23348	8.024	0.010	7.999	0.013		0.028	0.015	T	0.04	0.01	L		8.0215	0.0014	0.012	80		8.00	8.04					1							S
23349	8.023	0.015	7.563	0.012	A	0.100	0.495	G	0.55	0.03	L	*	7.5571	0.0019	0.013	52	*	7.54	7.58		D	05013+2632	I 1	2 C	B	AB	19	1.572	0.030	2.87	0.20	S
23350	8.556	0.008	8.059	0.008		0.481	0.015	G	0.55	0.02	H		8.1098	0.0014	0.014	156		8.08	8.13		C			1							S
23351	10.226	0.034	9.085	0.021		0.981	0.031	T	0.96	0.03	L		9.1213	0.0021	0.019	106		9.09	9.15					1							
23352	10.637	0.039	8.891	0.015		1.456	0.033	T	1.46	0.05	L		8.8987	0.0021	0.020	128		8.86	8.94					1							
23353	9.607	0.020	7.594	0.008		1.668	0.017	T	1.69	0.02	L		7.5123	0.0011	0.008	102		7.50	7.52					1							S
23354	9.605	0.015	8.083	0.008		1.279	0.013	T	1.24	0.01	L		8.0998	0.0013	0.013	144		8.08	8.13		C			1							S
23355	7.839	0.009	7.450	0.011		0.396	0.015	G	0.46	0.02	H		7.5068	0.0009	0.009	75		7.49	7.53					1							S
23356	10.301	0.047	9.580	0.039	*	0.662	0.049	T	0.72	0.04	L	*	9.6282	0.0020	0.019	62	*	9.60	9.67			05014+1956	H 1	2 C	A	AB	159	0.617	0.024	2.70	0.10	
23357	9.166	0.010	8.943	0.011	*	0.213	0.014	T	0.24	0.02	L	*	8.9912	0.0016	0.024	198	*	8.96	9.03			05014+6209	H 1	2 C	B	AB	126	0.412	0.051	3.21	0.16	
23358											T		12.3615	0.0077	0.066	105		12.17	12.44		U			1							G
23359	9.620	0.019	8.029	0.010		1.364	0.010	G	1.33	0.01	H		8.0137	0.0018	0.011	99		8.00	8.03		C			1							
23360	8.733	0.013	7.714	0.009		0.888	0.012	T	0.89	0.01	L		7.6619	0.0353	0.227	83		7.45	8.09	11.63	P 1 A			1							
23361	9.372	0.020	8.149	0.013		1.045	0.019	T	1.02	0.02	L		8.1911	0.0012	0.011	106		8.18	8.21					1							
23362	4.840	0.002	4.890	0.002		−0.047	0.002	G	−0.04	0.02	A		4.8903	0.0005	0.004	120		4.88	4.90		C			1							S
23363	6.928	0.006	6.773	0.007		0.149	0.009	T	0.16	0.01	L		6.8142	0.0007	0.006	65		6.80	6.82		C			1							S
23364	4.567	0.003	4.757	0.003		−0.164	0.004	T	−0.18	0.02	A		4.7314	0.0007	0.006	70		4.72	4.75		M			1							S
23365	9.884	0.021	8.574	0.013		1.113	0.019	T	1.08	0.02	L		8.6202	0.0019	0.019	109		8.59	8.65					1							
23366	10.019	0.020	8.374	0.010		1.376	0.018	T	1.35	0.02	L		8.3521	0.0014	0.016	139		8.32	8.38					1							
23367	9.993	0.041	8.822	0.026		1.004	0.038	T	0.98	0.03	L		8.8466	0.0026	0.014	60		8.82	8.87		C			1							
23368	9.560	0.015	8.125	0.008		1.211	0.013	T	1.17	0.01	L		8.1772	0.0014	0.014	132		8.15	8.21					1	G						
23369	7.503	0.008	7.291	0.009		0.196	0.012	T	0.21	0.01	L		7.3479	0.0010	0.008	77		7.33	7.36		C			1							S
23370	8.772	0.011	7.504	0.007		1.080	0.010	T	1.04	0.01	L		7.5625	0.0010	0.010	106		7.54	7.58		C			1							S
23371	10.336	0.042	8.818	0.021		1.270	0.020	G	1.23	0.02	H		8.8020	0.0021	0.019	45		8.77	8.85		D			1							G
23372	9.668	0.019	9.188	0.018		0.464	0.020	T	0.53	0.02	L		9.2643	0.0014	0.022	106		9.24	9.31		D			1							
23373	8.661	0.010	8.098	0.009		0.531	0.010	T	0.60	0.01	L		8.1601	0.0021	0.021	116		8.13	8.20		U			1							S
23374	10.237	0.030	8.437	0.013		1.529	0.027	T	2.50	0.05	O		8.2227	0.0029	0.032	119		8.17	8.28		U 2			1							
23375	8.492	0.019	8.492	0.024		0.044	0.005	G	0.06	0.00	H		8.5011	0.0016	0.014	76		8.48	8.52					1							
23376	9.453	0.015	9.242	0.017	A	0.100	0.495	G	0.21	0.06	L	*	9.2400	0.0018	0.021	126	*	9.20	9.28		C	05016−5203	I 1	2 C	A	AB	66	3.925	0.025	3.03	0.10	
23377	7.143	0.005	6.117	0.004		0.893	0.003	G	0.87	0.04	E		6.1741	0.0006	0.005	122		6.16	6.19		C			1							S
23378	10.864	0.065	10.464	0.075		0.696	0.086	G	0.75	0.07	R		10.4822	0.0043	0.029	52		10.43	10.53		C			1							G
23379	10.035	0.025	8.676	0.014		1.176	0.009	G	1.09	0.02	A		8.7045	0.0016	0.016	100		8.68	8.73		C			1							
23380	6.545	0.003	6.084	0.003		0.448	0.003	T	0.52	0.00	L		6.1331	0.0007	0.008	163		6.12	6.15			05016+6105	I 1	1							S
23381	8.499	0.012	7.638	0.009		0.771	0.011	T	0.81	0.01	L		7.6851	0.0041	0.026	95		7.65	7.73		U 2			1							S
23382	9.004	0.014	7.790	0.009		1.038	0.013	T	1.01	0.01	L		7.8311	0.0010	0.008	99		7.82	7.85		C			1							S
23383	10.210	0.028	9.435	0.023		0.712	0.002	G	0.76	0.00	H		9.4859	0.0021	0.019	100		9.46	9.52					1							
23384	8.924	0.017	8.127	0.014		0.690	0.015	G	0.75	0.01	H		8.2017	0.0029	0.016	51		8.18	8.23		C			1							S
23385	9.968	0.031	9.080	0.023		0.791	0.029	T	0.82	0.02	L		9.0863	0.0047	0.041	60		9.02	9.17		U 2			1							S
23386	8.506	0.011	8.336	0.013		0.163	0.016	T	0.18	0.02	L		8.3735	0.0014	0.013	75		8.35	8.40		C			1							S
23387	8.374	0.015	8.199	0.017		0.168	0.021	T	0.18	0.02	L		8.2480	0.0017	0.009	58		8.23	8.26		C			1							
23388	10.754	0.054	10.168	0.051		0.547	0.066	T	0.62	0.06	L		10.1909	0.0037	0.032	73		10.14	10.24					1							G
23389	11.602	0.118	9.284	0.027		1.912	0.097	T	1.95	0.10	L		9.0544	0.0028	0.022	65		9.02	9.12					1	S						
23390	10.177	0.025	9.331	0.019		0.743	0.024	T	0.79	0.02	L		9.4011	0.0018	0.018	118		9.37	9.43		C			1							
23391	9.401	0.016	7.989	0.009		1.193	0.014	T	1.15	0.01	L		8.0225	0.0010	0.013	112		8.00	8.05					1							
23392	7.841	0.006	7.706	0.008		0.130	0.009	T	0.14	0.01	L		7.7564	0.0012	0.010	131		7.74	7.78		C			1							S
23393	9.026	0.016	7.671	0.010		1.120	0.015	G	1.08	0.02	H		7.7185	0.0013	0.009	86		7.70	7.74		C			1							
23394	7.732	0.011	7.419	0.011		0.297	0.015	T	0.34	0.02	L		7.4648	0.0025	0.015	74		7.44	7.50					1							S
23395	7.373	0.008	6.842	0.007	*	0.506	0.008	T	0.58	0.01	L	*	6.8982	0.0011	0.007	55	*	6.89	6.91		D	05017+2640	I 2	2 C	A	AB	55	0.319	0.033	1.94	0.14	S
23396	8.951	0.016	8.101	0.013	*	0.740	0.015	G	0.79	0.01	H	*	8.1408	0.0014	0.011	60	*	8.12	8.16		D	05017+2050	I 1	2 C	A	AB	287	0.445	0.005	0.68	0.02	S
23397	10.339	0.036	9.842	0.035		0.488	0.017	G	0.56	0.02	H		9.8873	0.0034	0.023	86		9.82	9.92					1							
23398	10.817	0.037	9.417	0.018		1.183	0.032	T	1.14	0.03	L		9.4497	0.0025	0.029	135		9.40	9.50					1							
23399	8.699	0.012	8.159	0.012		0.513	0.013	T	0.59	0.01	L		8.2250	0.0010	0.011	99		8.21	8.24		C			1							
23400	7.870	0.013	7.743	0.017		0.150	0.015	G	0.17	0.01	H		7.7663	0.0014	0.008	42		7.75	7.78					1							S

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
23401		05 01 46.15	+18 46 38.7	9.62		H	75.442 272 27	+18.777 416 66		0.67	−0.71	1.99	1.36	0.69	1.48	1.33	0.76	−5	+58	−16	−13	+17	−10	+1	+38	−13	+15	4	1.00
23402		05 01 46.33	+26 39 02.4	8.22		G	75.443 029 29	+26.650 666 56		25.43	−1.93	29.17	1.16	0.77	1.34	1.95	0.90	+1	+18	−35	−19	−35	+37	−18	−10	+25	+26	0	0.18
23403		05 01 46.46	+57 08 00.3	7.50		H	75.443 583 08	+57.133 418 86		4.18	2.67	−9.49	0.60	0.56	0.95	0.75	0.70	+16	+11	−16	+7	+10	−14	+6	+10	−24	+44	0	0.65
*23404		05 01 47.66	+11 22 31.1	7.17		G	75.448 597 62	+11.375 314 45		2.18	−7.47	−11.29	0.84	0.53	0.95	1.03	0.61	+8	+11	−3	+34	+2	−16	−1	+60	−17	+16	2	−1.20
*23405		05 01 47.62	−10 56 02.0	6.76	1	H	75.448 433 69	−10.933 891 00		5.64	−5.06	13.66	0.63	0.50	0.83	0.69	0.58	−9	+34	−15	+24	−12	−5	−21	+11	−19	−13	0	1.66
23406		05 01 48.74	+11 22 59.5	10.08		H	75.453 094 70	+11.383 184 23		2.24	−1.01	−14.15	2.25	1.26	2.62	2.68	1.45	−1	+25	−5	+14	+4	+5	−2	+46	−22	+2	2	−0.67
23407		05 01 48.82	+38 20 05.0	9.10		H	75.453 399 05	+38.334 713 94		1.55	−0.24	−2.93	1.20	0.82	1.41	1.42	0.90	+11	+25	−33	+14	+19	−17	+6	+56	−33	+23	0	−0.15
23408		05 01 50.35	+00 43 19.8	5.91		G	75.459 792 52	+00.722 167 04		6.55	4.84	−22.75	0.79	0.51	0.91	0.90	0.59	+12	+32	−18	+27	+10	−11	+1	+39	−21	+26	0	0.05
23409		05 01 51.31	+31 37 57.6	9.23		G	75.463 770 86	+31.632 668 46		11.39	108.44	−64.25	1.43	1.12	1.66	2.25	1.62	+26	+9	−31	−17	−15	+30	−9	−11	+15	+57	0	−0.46
23410		05 01 53.30	+19 57 57.7	9.18		G	75.472 090 49	+19.966 029 96		5.21	15.88	−8.64	1.22	0.77	1.39	1.72	0.88	+12	+17	−18	−5	+22	+13	+13	+56	−19	+23	0	−2.34
23411		05 01 53.71	−19 39 45.8	7.72		H	75.473 806 92	−19.662 708 87		4.61	−17.00	−9.81	0.58	0.61	0.89	0.74	0.76	+0	+12	−24	−6	−31	+13	−21	+26	−23	−35	0	0.62
23412		05 01 54.39	−36 58 42.4	7.61		G	75.476 609 96	−36.978 433 03		4.96	17.35	−56.06	0.49	0.58	0.67	0.53	0.82	+1	+4	−15	−4	−3	−3	−6	+5	−4	+20	0	0.76
23413	H	05 01 56.32	−76 37 41.3	7.53		G	75.484 677 96	−76.628 142 81	A	17.48	−27.54	−134.93	0.75	0.76	0.74	0.73	0.88	+0	+19	+1	−9	−2	+1	+0	+8	+3	−8	0	0.17
23414		05 01 57.09	+01 02 58.3	8.31		H	75.487 884 79	+01.049 539 32		16.71	115.00	49.77	0.99	0.65	1.20	1.10	0.77	+7	+40	−20	+26	+14	+6	+1	+44	−28	+19	2	1.17
23415	H	05 01 57.60	+28 17 28.2	8.23		H	75.490 002 25	+28.291 157 67	A	5.68	−3.01	0.98	1.46	0.94	1.42	1.33	0.96	+3	+16	+0	−2	+20	−6	+15	+16	−18	+11	0	0.94
23416		05 01 58.13	+43 49 23.9	3.03	2	H	75.492 225 07	+43.823 313 97	+	1.60	0.18	−2.31	0.96	0.64	1.16	1.01	0.76	+4	+51	−29	+22	+10	−22	−20	+68	−47	+32	0	1.74
23417		05 01 58.39	+02 03 51.6	9.32		H	75.493 300 34	+02.064 342 57		3.06	−5.77	−11.62	1.34	0.83	1.57	1.46	0.98	+4	+43	−12	+2	+14	+4	+4	+32	−19	+11	0	−0.47
23418	H	05 01 58.79	+09 58 59.9	11.45		G	75.494 944 98	+09.983 315 68	A	31.20	17.18	−81.96	8.64	5.58	8.56	8.75	5.42	−2	+19	−32	+15	+18	−9	+2	+52	−33	+12	1	1.60
23419		05 02 00.03	+01 36 31.8	6.45		H	75.500 112 62	+01.608 841 08	A	6.42	−5.37	9.84	1.89	1.23	1.71	1.95	1.32	+10	+49	−13	+14	+18	+11	+4	+34	−21	+19	6	1.58
23420		05 02 00.71	−39 04 38.9	8.15		H	75.502 937 75	−39.077 482 22		5.70	16.68	34.84	0.52	0.71	0.75	0.53	0.86	−5	+7	−29	−9	−5	+10	−2	−8	+11	+15	0	1.16
23421		05 02 00.76	+01 36 41.2	7.97		H	75.503 163 39	+01.611 440 84	B	12.06	−7.42	7.25	15.32	10.02	7.63	7.76	5.58	+13	+54	−8	+13	+18	+13	+5	+26	−16	+25	6	1.58
23422		05 02 00.97	−05 30 03.5	6.64		H	75.504 031 50	−05.500 970 94		8.40	15.30	−30.43	0.94	0.53	0.84	1.16	0.65	−5	+26	−15	+64	−4	+2	−15	+34	−17	−9	0	1.68
23423		05 02 02.43	+16 11 26.7	8.73		H	75.510 140 03	+16.190 746 69		11.25	14.46	−21.20	1.03	0.64	1.27	1.06	0.68	+7	+45	−35	+9	+35	−15	+8	+66	−29	+41	0	−0.31
23424		05 02 03.76	−45 35 57.9	7.77		H	75.515 666 82	−45.599 407 23		5.00	−6.90	6.67	0.54	0.64	0.66	0.59	0.77	−3	+15	+2	−17	+2	−6	+2	−11	−1	−3	0	−0.86
23425	H	05 02 05.47	+69 09 37.7	7.12		H	75.522 779 09	+69.160 463 25	*	15.83	86.38	−79.28	1.87	1.81	1.00	0.79	0.82	−41	−1	+1	−19	−8	+9	−7	−6	+10	−5	1	0.01
23426		05 02 05.50	+21 19 15.0	8.40		H	75.522 905 08	+21.320 828 07		2.42	23.43	−16.45	1.13	0.72	1.20	1.45	0.91	+26	+45	+8	−3	−15	−4	−11	+15	+1	+30	0	1.27
23427		05 02 06.82	+35 55 48.6	8.64		H	75.528 399 76	+35.930 177 53		5.85	−7.50	−6.70	1.11	0.83	1.31	1.10	0.82	−7	+43	−41	+19	+10	+1	+11	+27	+4	+26	3	−0.73
23428		05 02 07.39	−71 20 13.1	10.75	2	H	75.530 793 77	−71.336 976 55		0.92	1.79	0.03	1.39	1.34	1.45	1.63	1.87	+0	+28	−12	−20	−3	+6	−5	−15	−9	+12	0	−0.30
23429		05 02 07.46	−31 20 56.0	7.05		H	75.531 095 55	−31.348 889 40		3.38	12.81	−35.15	0.46	0.56	0.73	0.50	0.67	−7	+17	+1	+7	+1	+25	−3	−2	−23	−9	0	0.12
23430		05 02 09.77	−26 16 29.4	5.01		G	75.540 691 71	−26.274 843 21		13.45	85.79	−76.63	0.34	0.43	0.59	0.41	0.57	−3	+8	−7	−27	−6	+1	−6	+11	−18	−9	0	0.69
23431		05 02 09.78	+14 04 57.2	8.19		H	75.540 746 98	+14.082 548 84		34.88	86.36	−405.09	1.08	0.70	1.46	1.31	0.84	+23	+21	−34	+21	+26	+2	+13	+69	−42	+35	0	2.34
23432		05 02 09.89	+66 09 56.6	10.24		H	75.541 210 11	+66.165 711 09		4.65	9.82	−2.89	1.18	1.16	1.69	1.34	1.31	+21	+35	+7	+14	+35	+13	+32	+29	+15	+43	0	1.99
23433		05 02 14.74	+31 15 49.3	8.91	2	H	75.561 399 13	+31.263 706 74		7.01	9.68	−5.84	1.20	0.93	1.31	1.49	1.17	+20	+27	−7	+9	+5	+9	+7	+14	+9	+32	0	0.85
23434		05 02 15.10	−01 43 08.5	9.16		H	75.562 910 93	−01.719 016 32		2.97	−0.06	0.09	1.23	0.91	1.66	1.34	1.08	+8	+37	−24	+15	+1	+13	+0	+22	−8	+30	0	−1.01
23435		05 02 15.83	−80 48 41.1	8.96		H	75.565 953 46	−80.811 411 53		2.07	0.90	15.36	0.72	0.68	0.80	0.77	0.91	−17	+12	+4	+17	−17	+4	−22	+4	−1	−26	0	−1.45
23436		05 02 15.89	+24 01 45.0	8.36	2	T	75.566 220 59	+24.029 170 35		0.39	−0.50	−3.15	1.15	0.76	1.27	1.35	0.91	−11	+51	−29	−3	+15	−11	+9	−4	−1	+0	0	−0.07
23437		05 02 17.11	−56 04 56.3	7.02	2	G	75.571 280 38	−56.082 315 11		44.94	−45.45	731.80	0.57	0.54	0.58	0.65	0.60	−9	+0	+2	−24	−3	−7	−1	−9	+4	−20	1	2.62
23438		05 02 17.65	+29 59 42.1	9.37		H	75.573 555 48	+29.995 032 59		4.57	14.63	−5.20	1.34	1.02	1.32	1.56	1.22	−24	+13	−17	−11	+29	+4	+30	−8	−1	+1	0	0.24
23439		05 02 18.29	−31 41 44.4	9.48		H	75.576 197 29	−31.695 664 51		2.10	−10.31	15.81	0.80	0.99	1.21	0.92	1.12	−11	+17	−1	+8	−3	+11	−5	+1	−14	−9	1	1.60
23440		05 02 18.91	+63 46 12.5	8.88	2	H	75.578 800 27	+63.770 132 99		0.71	1.12	3.18	0.74	0.70	1.15	0.96	0.78	−2	+8	−5	+14	+29	−3	+25	+18	+12	+14	1	0.69
23441		05 02 19.04	−01 11 55.4	10.92		H	75.579 343 36	−01.198 716 99		4.71	−2.98	−1.88	2.25	1.62	2.84	2.65	1.99	+4	+36	−36	+31	+10	−2	+1	+39	−23	+35	0	−1.02
23442		05 02 19.79	+74 16 09.4	6.05		G	75.582 450 40	+74.269 268 58		5.19	11.83	40.76	0.36	0.46	0.60	0.43	0.59	−3	+23	−2	−8	+2	−5	+2	−8	+1	−6	3	0.23
23443		05 02 20.31	+13 54 37.7	7.51		H	75.584 630 04	+13.910 484 43		26.00	−10.32	−100.57	0.92	0.61	1.17	1.06	0.72	+31	+15	−28	+13	+37	−6	+24	+68	−41	+41	0	1.83
23444		05 02 21.93	−46 31 12.7	8.78		H	75.591 356 63	−46.520 181 21		2.80	−0.26	19.19	0.74	0.76	0.82	0.94	0.96	−15	+10	+1	+16	−19	−3	−21	+6	+4	−39	1	−0.44
23445		05 02 22.16	−16 10 05.6	8.60		H	75.592 326 17	−16.168 223 85		3.29	−8.06	6.12	0.82	0.76	1.18	0.95	0.90	−15	+16	−15	+14	−25	−3	−31	−2	−1	−42	2	0.16
23446		05 02 22.81	−31 46 17.5	5.92		H	75.595 038 03	−31.771 540 17		9.90	−6.44	85.28	0.40	0.51	0.63	0.46	0.58	−5	+19	+2	+16	+3	+27	+0	+5	−14	−12	0	1.74
23447		05 02 23.75	−71 50 33.0	8.26		H	75.598 940 95	−71.842 494 85		4.94	3.92	−7.50	0.67	0.69	0.73	0.70	0.86	−15	+15	−22	−21	+4	+8	+7	−14	+4	−11	1	2.01
23448		05 02 26.20	+02 02 52.9	8.02		G	75.609 163 55	+02.048 025 21		3.55	−3.06	3.22	0.96	0.63	1.12	1.14	0.76	+5	+34	−14	+1	+26	−2	+14	+38	−24	+15	0	1.29
*23449		05 02 26.72	−23 47 02.3	8.94		H	75.611 343 98	−23.783 979 53		1.06	2.90	−13.81	0.66	0.98	1.21	0.76	1.34	+0	+8	−16	−19	+7	−3	+1	+12	−15	+20	0	0.04
*23450		05 02 26.72	−43 30 24.9	9.74		H	75.611 329 92	−43.506 920 65		4.62	−3.16	16.61	0.76	1.00	1.00	0.88	1.11	+7	+5	−3	−23	−6	+24	−5	−26	+13	−4	0	−0.15
23451		05 02 27.43	+07 27 39.9	8.13		H	75.614 302 77	+07.461 079 26		8.92	6.67	−23.32	0.94	0.60	1.05	1.11	0.69	+16	+30	−16	+30	+17	−4	+10	+48	−19	+21	2	0.25
23452	H	05 02 28.51	−21 15 22.0	8.31		G	75.618 792 15	−21.256 105 76	A	117.38	−141.55	−221.74	1.34	1.42	1.81	1.28	1.38	−15	+5	−32	+7	−16	+13	−15	+10	−29	−47	0	2.21
23453		05 02 28.68	+41 04 33.2	3.69	1	H	75.619 500 25	+41.075 889 53	+	4.14	8.88	−21.43	1.05	0.81	0.81	0.99	0.84	+43	−3	−10	+35	+33	−15	+32	+45	−16	+62	0	2.01
23454		05 02 28.83	−51 27 18.2	8.23		H	75.620 118 48	−51.455 056 53		4.58	34.77	−2.41	0.62	0.65	0.70	0.69	0.76	−9	+3	−6	+18	−14	+8	−14	+21	−22	−6	0	−0.46
23455		05 02 29.88	+65 34 06.7	7.91		H	75.624 496 45	+65.568 523 12		2.30	−7.90	−17.49	0.60	0.58	0.94	0.70	0.64	+2	+21	−12	+7	+30	−3	+24	+19	−8	+28	0	0.39
23456		05 02 30.59	−18 28 26.0	9.41		H	75.627 473 48	−18.473 898 53		3.66	16.18	−25.61	0.85	0.97	1.50	1.33	1.31	+27	+4	+6	+2	−44	−6	−31	+20	−10	−42	0	−0.23
23457		05 02 31.49	+07 25 26.7	6.86		H	75.631 196 92	+07.424 071 73		7.48	−22.90	−16.66	0.83	0.53	0.92	0.99	0.61	+13	+30	−15	+31	+21	−5	+12	+53	−23	+15	0	1.57
23458		05 02 31.62	−15 42 27.7	9.01		H	75.631 738 56	−15.707 703 94		1.05	3.90	2.27	0.79	0.79	1.17	0.99	0.99	−10	+23	−21	+13	−10	−4	−13	−3	+9	−33	0	0.48
23459		05 02 31.81	−50 26 43.5	7.95		H	75.632 524 81	−50.445 420 03		4.17	23.83	26.27	0.58	0.65	0.69	0.68	0.76	+5	+3	+3	+17	−2	−11	−1	+7	−23	+20	3	−1.70
23460		05 02 32.66	+23 52 15.8	8.56		H	75.636 101 76	+23.871 058 47		2.03	25.39	−41.62	1.29	0.90	1.44	1.60	1.14	−12	+47	−39	+3	+30	−20	+20	+22	−5	+8	0	−0.03
23461		05 02 33.26	+09 39 03.6	8.69		H	75.638 574 18	+09.650 988 85		−0.49	−7.94	−3.93	1.07	0.68	1.17	1.38	0.81	+1	+20	−17	+32	+6	+3	+2	+53	−19	+7	0	−1.45
23462		05 02 36.77	+13 03 50.2	9.56		H	75.653 203 58	+13.063 943 74		5.05	3.45	−7.61	1.23	0.79	1.56	1.38	0.91	+21	+23	−29	+17	+27	−16	+10	+59	−36	+40	0	−1.41
23463	H	05 02 37.04	+72 24 56.7	7.52		H	75.654 336 39	+72.415 762 85	*	1.58	−7.23	0.00	0.76	0.96	0.84	0.58	0.72	−6	+10	+1	−17	+13	+2	+15	−2	−4	−1	1	0.31
23464		05 02 37.89	−08 53 39.1	7.24		H	75.657 860 95	−08.894 201 64		4.36	−2.59	−2.85	0.74	0.54	0.84	0.89	0.66	−37	+34	−13	+30	−37	+3	−42	+20	−17	−51	0	1.35
23465		05 02 41.81	−55 40 16.5	8.98		H	75.674 211 02	−55.671 244 45		2.92	3.78	16.89	0.80	0.79	0.85	0.87	0.87	−8	+5	+8	−12	+1	−5	+2	−10	+13	−11	0	1.08
23466		05 02 41.85	−67 50 35.3	8.30		H	75.674 363 11	−67.843 146 78		2.06	−9.57	7.66	0.68	0.70	0.73	0.71	0.89	−3	−2	−2	−26	−8	+23	−8	−9	+9	−13	0	0.28
23467		05 02 43.00	−71 18 51.6	5.30		G	75.679 187 03	−71.314 326 08		5.08	−3.54	10.68	0.47	0.47	0.50	0.54	0.59	+5	+4	−11	−9	−5	+21	−3	−7	+0	+9	3	0.35
23468		05 02 43.32	−26 38 05.7	8.84		H	75.680 484 87	−26.634 927 67		8.16	58.33	−60.88	0.59	0.82	1.07	0.67	1.00	−4	+16	−14	−17	−13	−2	−11	+8	+9	−8	2	1.71
23469		05 02 43.54	+05 49 49.8	9.27		H	75.681 420 87	+05.830 494 46		1.14	2.79	−2.52	1.26	0.75	1.47	1.52	0.90	+2	+40	−19	+6	+23	−11	+11	+41	−24	+0	0	0.55
23470		05 02 43.97	−05 42 22.0	8.90		H	75.683 218 97	−05.706 104 60		3.90	−0.04	−4.23	1.07	0.73	1.12	1.39	0.89	−20	+2	−13	+45	−19	−15	−19	+26	−6	−10	0	0.18
23471		05 02 44.32	+57 45 11.7	9.09		H	75.684 677 33	+57.753 260 79		−0.61	4.34	−0.86	0.67	0.66	1.09	0.85	0.78	+15	+15	−8	−17	+1	−14	−1	−4	−8	+16	0	0.65
23472		05 02 44.41	−21 05 57.7	8.18		G	75.685 039 91	−21.099 356 55		10.89	−5.38	−116.29	0.79	0.77	1.10	0.99	0.96	−17	+7	+1	+25	−33	−1	−34	+23	−13	−45	0	−0.35
23473		05 02 44.55	+03 27 27.8	7.32		G	75.685 633 13	+03.457 714 24		2.91	2.10	−4.04	0.91	0.60	1.15	1.07	0.73	+22	+35	−25	+20	+14	−3	−2	+46	−39	+34	0	0.72
23474		05 02 44.94	−22 47 42.3	5.74		H	75.687 269 11	−22.795 087 68		6.22	61.22	14.58	0.60	0.50	0.72	0.85	0.66	−28	+9	+6	−69	+22	+4	+16	−14	−19	−26	0	0.27
23475		05 02 45.37	−04 12 36.5	5.86		H	75.689 041 94	−04.210 125 50		10.48	42.23	2.02	0.70	0.53	0.85	0.89	0.63	+9	+7	−27	+46	+12	−19	+7	+43	−14	+20	0	0.50
23476	H	05 02 46.60	−30 50 10.9	9.27		H	75.694 149 53	−30.836 368 30	A	3.78	2.72	−46.16	1.25	1.58	1.77	1.27	1.76	−10	+5	−13	−20	−8	+12	−13	+10	−3	+3	1	0.53
23477		05 02 46.64	+46 39 37.0	7.74		H	75.694 329 01	+46.660 287 66		2.91	10.71	−15.86	0.82	0.58	0.89	0.94	0.62	+16	+23	−16	+16	−10	−1	−10	+43	−9	+20	0	2.64
23478		05 02 47.05	+53 45 32.1	8.39		H	75.696 021 56	+53.758 909 47		0.06	−5.82	−1.31	0.99	0.77	1.17	1.16	0.89	+16	+20	−13	+8	−9	+6	−10	+22	+1	+38	2	−0.81
23479		05 02 47.37	+06 11 30.7	9.10		H	75.697 370 13	+06.191 855 15		2.30	0.02	−6.56	1.37	0.81	1.67	1.60	0.99	−12	+43	−30	+14	+17	+14	−1	+45	−43	−9	2	0.64
23480	H	05 02 48.26	−50 47 35.2	8.14		H	75.701 098 79	−50.793 103 31	A	11.56	5.69	−171.64	1.30	1.13	1.09	1.10	1.02	−14	−1	−3	+20	+2	+0	+2	+5	−19	−5	1	2.34
23481		05 02 48.58	+50 36 20.4	8.57		H	75.702 421 87	+50.605 669 93		3.43	9.66	−16.48	1.05	0.83	1.22	1.28	0.88	−6	+14	−23	+34	−20	−1	−20	+48	−16	−13	0	−1.76
*23482		05 02 48.73	−49 09 05.3	5.37		G	75.703 022 44	−49.151 473 28		38.19	−43.96	27.18	0.45	0.46	0.51	0.49	0.52	+3	−2	+6	+2	−10	+12	−11	−6	−12	+3	0	0.15
*23483		05 02 48.70	−08 12 34.1	7.81		H	75.702 908 97	−08.209 462 23		6.21	−9.04	−0.03	0.88	0.64	1.01	0.99	0.79	−48	+36	−21	+54	−58	+9	−62	+42	−32	−49	2	2.67
23484		05 02 50.34	+66 49 25.6	6.20		H	75.709 745 97	+66.823 788 84		35.78	67.57	−335.17	0.44	0.44	0.62	0.48	0.48	+8	+21	+5	+14	+26	+6	+24	+25	+0	+18	0	0.71
23485		05 02 52.51	+10 56 59.1	8.49		H	75.718 792 24	+10.949 742 91		−0.94	3.48	−8.31	1.05	0.64	1.19	1.26	0.73	+14	+12	−1	+30	+6	−9	+4	+51	−21	+15	0	0.08
23486		05 02 55.48	+05 11 19.7	10.72		H	75.731 155 84	+05.188 802 59		13.24	13.94	−202.31	1.86	1.14	2.12	2.29	1.33	−2	+42	−9	−4	+21	−17	+12	+25	−13	−5	0	−0.32
23487		05 02 56.10	−49 42 13.0	7.26		H	75.733 742 80	−49.703 605 09		3.50	−34.75	69.44	0.56	0.57	0.63	0.59	0.65	+0	−2	+8	+7	−12	+2	−12	−2	−17	+7	0	0.30
23488		05 02 57.25	−41 36 27.1	7.96		H	75.738 543 67	−41.607 528 13		0.84	12.26	33.33	0.59	0.70	0.75	0.59	0.80	−5	+13	+2	−9	−2	+9	−2	−10	+6	+4	3	−0.11
23489		05 02 57.38	+42 34 08.6	7.50		H	75.739 071 40	+42.569 050 45		0.67	−0.27	−3.53	1.09	0.63	1.18	1.37	0.79	+14	+55	−5	+6	−8	+25	−17	+53	−6	+40	0	1.88
23490	H	05 02 57.68	−12 26 18.9	8.47		H	75.740 320 46	−12.438 579 58	B	4.37	0.50	−7.60	2.34	2.49	2.96	2.55	2.66	−21	+9	+11	+40	−34	+2	−34	+10	−10	−19	1	1.25
23491		05 03 00.32	−54 05 52.8	8.80	2	H	75.751 320 40	−54.098 005 18		0.82	5.33	0.30	0.75	0.70	0.80	0.75	0.79	−5	−8	+25	+8	−18	−22	−15	+8	−9	+0	0	0.77
23492		05 03 01.61	+12 03 33.5	7.24		H	75.756 701 56	+12.059 293 73		10.82	−10.99	46.88	0.84	0.50	1.02	1.00	0.59	+20	+33	−1	+23	+4	+0	−1	+53	−23	+15	2	−0.01
23493	H	05 03 01.97	−08 39 47.3	6.86		G	75.758 194 89	−08.663 143 67	A	6.62	−12.23	−3.31	1.11	0.76	1.12	1.22	0.82	−34	+20	−14	+10	−37	−1	−33	+10	−5	−47	1	−0.56
*23494		05 03 02.09	+09 22 56.7	7.56		H	75.758 694 63	+09.382 428 06		1.19	2.28	−3.18	0.94	0.57	1.05	1.08	0.67	+2	+41	−17	+34	+8	+14	−1	+49	−24	+10	0	−0.29
*23495		05 03 02.08	−42 29 52.3	6.95	1	H	75.758 665 90	−42.497 868 38		2.93	6.55	−18.15	0.51	0.54	0.60	0.49	0.61	−18	+10	−2	−9	+0	+5	+0	−15	+9	−13	0	0.75
23496		05 03 03.12	+14 45 56.6	9.14	2	H	75.762 997 18	+14.765 712 70		4.15	−14.40	−5.88	1.28	0.76	1.59	1.52	0.87	+8	+36	−26	+11	+28	−23	+3	+58	−35	+37	0	1.06
23497		05 03 05.70	+21 35 24.2	4.62		G	75.773 766 99	+21.590 061 70		20.01	68.94	−40.85	0.78	0.48	0.91	0.75	0.52	+14	+44	−21	+5	+33	+17	+15	+51	−16	+47	0	0.24
23498		05 03 07.62	+13 43 50.6	9.00		G	75.781 741 86	+13.730 713 88		18.44	65.95	−18.46	1.18	0.75	1.66	1.42	0.89	+24	+12	−31	+10	+29	−17	+17	+63	−45	+34	0	0.55
23499		05 03 08.25	−49 38 49.4	9.15		H	75.784 388 69	−49.647 059 82		3.05	−14.68	14.07	0.77	0.80	0.87	0.84	0.91	+0	−7	+6	+6	−15	+9	−14	−2	−15	+8	1	0.85
23500		05 03 08.81	−66 57 34.9	10.60		H	75.786 723 43	−66.959 680 61		−0.43	5.18	−4.43	1.21	1.30	1.28	1.45	1.86	−20	+8	−9	−5	+7	+0	+9	−4	+5	−28	0	1.01

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
23401	10.692	0.053	9.782	0.036		0.807	0.048	T	0.83	0.03	L	9.7730	0.0024	0.018	85		9.75	9.80		C			1							G
23402	9.062	0.017	8.247	0.014		0.700	0.015	G	0.75	0.01	H	8.3432	0.0017	0.014	56		8.32	8.37		C	05017+2640	I 2	1							
23403	8.919	0.010	7.626	0.006		1.100	0.009	T	1.06	0.01	L	7.6657	0.0015	0.015	131		7.64	7.69					1							
23404	7.197	0.006	7.179	0.007		0.038	0.002	G	0.05	0.00	H	7.1961	0.0009	0.007	92		7.18	7.21		D	05018+1123	I 2	1							S
23405	7.895	0.009	6.849	0.006		0.909	0.008	T	0.91	0.01	L	6.9172	0.0019	0.013	92		6.90	6.95		U 2			1							S
23406	10.390	0.040	10.126	0.052		0.742	0.126	G	0.79	0.09	R	10.2252	0.0042	0.049	90		10.09	10.28		D	05018+1123	I 2	1	S						
23407	9.414	0.023	9.109	0.025		0.290	0.032	T	0.33	0.04	L	9.1795	0.0021	0.016	74		9.16	9.21		C			1							
23408	7.563	0.010	6.054	0.004		1.267	0.001	G	1.19	0.04	E	6.0798	0.0007	0.007	70		6.07	6.09		C			1							S
23409	10.007	0.049	9.325	0.040		0.610	0.015	G	0.68	0.01	H	9.3482	0.0030	0.022	41		9.31	9.37					1							
23410	9.615	0.028	9.239	0.029		0.360	0.020	G	0.42	0.02	H	9.2618	0.0021	0.016	77		9.23	9.29		C			1							
23411	7.862	0.007	7.724	0.008		0.125	0.010	T	0.14	0.01	L	7.7647	0.0014	0.014	130		7.74	7.79		C			1							S
23412	8.617	0.009	7.703	0.007		0.823	0.015	G	0.85	0.01	H	7.7621	0.0014	0.013	124		7.74	7.79					1							S
23413	8.113	0.008	7.615	0.008	*	0.482	0.001	G	0.55	0.00	H *	7.6426	0.0012	0.012	117	*	7.62	7.66		D	05019−7638	I 1	2 C	A	AB	135	0.747	0.007	2.40	0.03	S
23414	8.961	0.015	8.374	0.014		0.571	0.015	G	0.64	0.01	H	8.4306	0.0016	0.012	75		8.42	8.45		C			1							S
23415	8.577	0.015	8.269	0.016	*	0.293	0.021	T	0.33	0.03	L *	8.3047	0.0024	0.014	62	*	8.28	8.32			05020+2817	I 1	2 C	A	AB	335	0.751	0.012	2.90	0.07	S
23416	3.665	0.007	3.091	0.005		0.537	0.008	T	0.61	0.01	L	3.1457	0.0062	0.036	67		3.05	3.20		P 1 C	05020+4350	I 1	1 O							S D
23417	9.794	0.027	9.373	0.028		0.398	0.036	T	0.46	0.04	L	9.4147	0.0022	0.017	69		9.39	9.44		C			1							
23418						1.540	0.015	G	2.19	0.30	K *	11.4706	0.0064	0.055	82	*	11.38	11.59		D	05020+0959	H 1	2 C	D	AB	178	0.677	0.022	1.00	0.20	G D
23419	6.391	0.005	6.492	0.007	A	−0.050	0.001	G	−0.03	0.00	H	6.4461	0.0132	0.057	75	A	6.40	6.56		D	05021+0137	I 2	1 C P	A						S
23420	8.432	0.009	8.192	0.009		0.224	0.013	T	0.25	0.01	L	8.2165	0.0018	0.016	130		8.19	8.25		C			1							S
23421	8.051	0.013	7.814	0.013	B	0.226	0.017	T	0.25	0.02	L	8.1832	0.0433			B				D	05021+0137	I 2	1 C I	A						S
23422	7.071	0.007	6.685	0.007		0.365	0.009	T	0.43	0.01	L	6.7239	0.0005	0.005	66		6.72	6.73		D			1 G							S
23423	9.341	0.017	8.798	0.016		0.509	0.021	T	0.58	0.02	L	8.8404	0.0017	0.013	103		8.82	8.86					1							
23424	7.911	0.008	7.801	0.010		0.099	0.012	T	0.11	0.01	L	7.8081	0.0013	0.012	114		7.79	7.82		C			1							S
23425	7.641	0.005	7.167	0.005	*	0.446	0.006	T	0.52	0.01	L *	7.2177	0.0009	0.010	201	*	7.20	7.24		D	05021+6909	I 1	2 C	A	AE	333	0.269	0.035	2.92	0.28	S
23426	10.135	0.042	8.581	0.021		1.304	0.037	T	1.26	0.04	L	8.5584	0.0012	0.010	60		8.54	8.59		D			1							
23427	10.284	0.041	8.831	0.022		1.225	0.037	T	1.18	0.04	L	8.8031	0.0023	0.013	54		8.77	8.82					1							
23428	10.800	0.046	10.747	0.070		0.120	0.050	G	0.13	0.05	H	10.7946	0.0117	0.078	105		10.57	10.95		U 2			1	S						G P
23429	8.709	0.009	7.197	0.005		1.271	0.008	T	1.23	0.01	L	7.2136	0.0013	0.011	146		7.20	7.23					1							S
23430	6.381	0.003	5.129	0.002		1.056	0.027	G	1.02	0.02	A	5.1748	0.0004	0.005	167		5.17	5.18		C			1							S
23431	9.140	0.017	8.280	0.013		0.720	0.015	G	0.77	0.01	H	8.3263	0.0014	0.012	95		8.31	8.34		C			1							
23432	10.828	0.039	10.371	0.043		0.431	0.053	T	0.50	0.06	L	10.3393	0.0040	0.039	132		10.25	10.40		C			1							G
23433	9.406	0.024	8.988	0.025		0.395	0.032	T	0.46	0.04	L	9.0001	0.0219	0.070	51		8.94	9.11	0.60	P 1 A			1							
23434	10.553	0.052	9.260	0.029		1.000	0.040	G	0.98	0.03	R	9.3246	0.0025	0.019	65		9.30	9.36		C			1							
23435	10.366	0.028	9.099	0.017		1.079	0.026	T	1.04	0.02	L	9.1300	0.0025	0.018	115		9.09	9.16		C			1							
23436	8.495	0.013	8.374	0.016		0.109	0.019	T	0.12	0.02	L	8.3906	0.0293	0.135	50		8.21	8.56		U 2 C			1							P
23437	7.769	0.010	7.096	0.008		0.636	0.015	G	0.72	0.00	A	7.1536	0.0024	0.033	110		7.13	7.53		U 2	05023−5605	I 1	1							S
23438	9.774	0.034	9.371	0.035		0.381	0.045	T	0.45	0.05	L	9.4525	0.0033	0.013	45		9.42	9.49		C			1							
23439	10.548	0.034	9.553	0.023		0.859	0.032	T	0.87	0.02	L	9.6277	0.0019	0.021	132		9.59	9.67		C			1							
23440	10.991	0.040	9.119	0.014		1.589	0.035	T	2.50	0.06	O	8.9014	0.0026	0.030	167		8.86	8.96		U 2			1	S						
23441	11.394	0.110	11.027	0.119		0.490	0.107	G	0.56	0.11	R	11.0322	0.0048	0.029	62		10.96	11.08					1							G
23442	8.084	0.007	6.230	0.003		1.562	0.007	G	1.57	0.09	H	6.1608	0.0010	0.010	169		6.15	6.18					1							S
23443	8.252	0.012	7.589	0.010		0.615	0.013	T	0.68	0.01	L	7.6444	0.0009	0.007	94		7.63	7.66					1							S
23444	9.307	0.015	8.841	0.015		0.439	0.019	T	0.51	0.02	L	8.8821	0.0022	0.016	101		8.85	8.91		C			1							
23445	8.903	0.012	8.605	0.013		0.283	0.019	T	0.32	0.02	L	8.6714	0.0021	0.022	113		8.64	8.72					1							S
23446	7.446	0.006	6.047	0.003		1.170	0.000	G	1.10	0.04	E	6.0885	0.0005	0.007	137		6.08	6.10					1							S
23447	9.690	0.019	8.368	0.012		1.122	0.018	T	1.08	0.02	L	8.4264	0.0015	0.013	105		8.40	8.45					1							
23448	7.917	0.010	7.982	0.011		−0.075	0.003	G	−0.05	0.00	H	7.9986	0.0019	0.017	70		7.97	8.02					1							S
23449	10.532	0.028	9.058	0.014		1.241	0.025	T	1.20	0.03	L	9.0999	0.0019	0.022	150		9.06	9.14		C			1							
23450	9.877	0.021	9.758	0.027		0.108	0.031	T	0.12	0.03	L	9.7818	0.0022	0.021	103		9.75	9.82		C			1							
23451	8.354	0.010	8.146	0.011		0.199	0.014	T	0.22	0.02	L	8.1927	0.0011	0.011	74		8.18	8.21		C			1							
23452	10.229	0.026	8.566	0.012	*	1.430	0.011	G	1.81	0.02	A *	8.3933	0.0016	0.017	106	*	8.36	8.43		D	05025−2115	I 1	2 C	A	AB	43	1.007	0.011	2.06	0.04	
23453	5.254	0.003	3.892	0.002		1.154	0.003	T	1.12	0.00	L	3.8549	0.0010	0.007	98		3.84	3.88		P 1 C			1 O							S P
23454	9.492	0.015	8.347	0.010		0.984	0.014	T	0.96	0.01	L	8.3976	0.0017	0.016	123		8.37	8.43		C			1							
23455	9.541	0.014	8.053	0.007		1.252	0.012	T	1.21	0.01	L	8.0755	0.0010	0.014	158		8.05	8.10		C			1							
23456	10.979	0.039	9.549	0.018		1.207	0.034	T	1.17	0.03	L	9.5741	0.0017	0.027	182		9.53	9.63					1							
23457	8.080	0.009	6.969	0.007		0.958	0.009	T	0.95	0.01	L	7.0284	0.0010	0.006	78		7.02	7.05		C			1							S
23458	9.497	0.016	9.066	0.016		0.407	0.021	T	0.47	0.02	L	9.0989	0.0024	0.025	116		9.06	9.15					1							
23459	8.239	0.010	7.997	0.009		0.226	0.014	T	0.25	0.02	L	8.0168	0.0011	0.012	106		8.00	8.04		C			1							S
23460	10.226	0.042	8.693	0.021		1.288	0.037	T	1.25	0.04	L	8.7225	0.0024	0.013	51		8.70	8.74		C			1							G
23461	8.964	0.016	8.712	0.017		0.240	0.022	T	0.27	0.03	L	8.7559	0.0019	0.013	79		8.74	8.78		C			1							
23462	9.977	0.024	9.626	0.027		0.333	0.034	T	0.39	0.05	L	9.6393	0.0020	0.018	102		9.60	9.67		C			1							
23463	8.500	0.009	7.614	0.007	*	0.789	0.008	T	0.82	0.01	L *	7.6684	0.0012	0.014	192	*	7.64	7.69		D	05026+7225	H 1	2 C	A	AB	86	0.235	0.004	1.17	0.07	
23464	8.463	0.011	7.342	0.008		0.965	0.011	T	0.95	0.01	L	7.4095	0.0009	0.009	109		7.39	7.42		C			1							S
23465	10.622	0.034	9.106	0.016		1.274	0.030	T	1.23	0.03	L	9.1441	0.0029	0.021	117		9.10	9.17					1							
23466	9.457	0.017	8.375	0.012		0.936	0.016	T	0.98	0.02	L	8.4425	0.0020	0.016	107		8.41	8.46					1							
23467	6.574	0.004	5.407	0.002		0.996	0.015	G	0.97	0.04	E	5.4696	0.0007	0.006	113		5.46	5.48		C			1							S
23468	9.501	0.013	8.884	0.012		0.571	0.013	T	0.64	0.01	L	8.9586	0.0017	0.024	179		8.92	9.00					1							S
23469	9.451	0.020	9.332	0.024		0.115	0.029	T	0.13	0.03	L	9.3127	0.0014	0.013	70		9.29	9.34					1							
23470	9.314	0.021	8.932	0.022		0.362	0.028	T	0.42	0.03	L	8.9811	0.0032	0.017	72		8.95	9.01			05027−0542	I 1	1	S						
23471	11.185	0.059	9.264	0.019		1.595	0.049	T	1.61	0.05	L	9.2026	0.0016	0.018	157		9.17	9.23		C			1							
23472	8.705	0.010	8.215	0.010		0.456	0.015	G	0.53	0.02	H	8.2786	0.0022	0.017	107		8.25	8.33					1							S
23473	7.207	0.007	7.294	0.010		−0.093	0.002	G	−0.07	0.00	H	7.2927	0.0014	0.012	62		7.28	7.32					1							S
23474	7.298	0.004	5.875	0.003		1.188	0.004	G	1.16	0.04	E	5.9054	0.0006	0.007	170		5.89	5.92					1 G							S
23475	7.428	0.008	5.995	0.005		1.212	0.002	G	1.17	0.00	H	6.0249	0.0011	0.007	65		6.01	6.04		C			1							S
23476	10.568	0.032	9.427	0.020	A						T *	9.4324	0.0025	0.028	126	*	9.39	9.50		D	05028−3050	I 1	2 C	A	AB	160	1.565	0.019	2.43	0.08	
23477	7.763	0.010	7.747	0.011		0.019	0.014	T	0.04	0.01	L	7.7529	0.0010	0.009	76		7.74	7.77		C			1							S
23478	10.714	0.063	8.617	0.019		1.500	0.040	G	1.50	0.10	R	8.5134	0.0030	0.023	67		8.46	8.54					1							
23479	10.848	0.064	9.219	0.027		1.363	0.055	T	1.33	0.06	L	9.2458	0.0018	0.016	80		9.22	9.27		C			1							
23480	8.775	0.021	8.147	0.019	*	0.579	0.011	G	0.65	0.01	H *	8.2609	0.0028	0.023	108	*	8.23	8.30		R	05028−5048	I 1	2 C	A	AB	262	3.287	0.007	1.68	0.03	S
23481	8.685	0.017	8.544	0.020		0.136	0.025	T	0.15	0.03	L	8.6215	0.0019	0.012	64		8.60	8.64		C			1							
23482	5.886	0.003	5.428	0.003		0.421	0.003	G	0.49	0.03	A	5.4746	0.0006	0.005	111		5.47	5.49		C	05028−4909	I 1	1							S
23483	7.735	0.006	7.800	0.007		−0.055	0.008	T	−0.03	0.01	L	7.7945	0.0012	0.013	130		7.77	7.82					1 G							S
23484	6.787	0.004	6.253	0.003		0.509	0.004	T	0.58	0.00	L	6.3108	0.0009	0.008	136		6.30	6.32					1							S
23485	10.488	0.039	8.651	0.016		1.528	0.033	T	1.57	0.07	L	8.6041	0.0016	0.012	80		8.58	8.62		R			1							
23486	12.029	0.147	10.775	0.086		0.900	0.015	G	0.94	0.02	I	10.8626	0.0036	0.031	72		10.79	10.91		C			1							G
23487	8.604	0.010	7.385	0.006		1.042	0.009	T	1.01	0.01	L	7.4267	0.0017	0.011	101		7.41	7.44					1							S
23488	9.791	0.021	8.128	0.010		1.390	0.018	T	1.36	0.02	L	8.1058	0.0017	0.014	108		8.08	8.13					1							S
23489	7.383	0.008	7.486	0.010		−0.089	0.011	T	−0.07	0.01	L	7.4795	0.0014	0.009	73		7.47	7.50					1							S
23490	8.576	0.010	8.554	0.014	*	0.020	0.015	T	0.04	0.01	L *	8.4867	0.0019	0.018	99	*	8.46	8.53		D	05030−1226	I 1	2 C	A	BA	9	0.631	0.003	0.47	0.01	
23491	10.995	0.050	9.016	0.016		1.677	0.043	T	2.41	0.08	O	8.8223	0.0102	0.076	99		8.71	8.93		U 2 C			1							P
23492	7.638	0.007	7.276	0.007		0.343	0.009	T	0.40	0.01	L	7.3201	0.0012	0.010	94		7.30	7.34					1							S
23493	6.789	0.008	6.805	0.008	*	−0.020	0.002	G	0.00	0.00	H *	6.8621	0.0011	0.009	117	*	6.85	6.88		D	05030−0840	I 1	2 C	A	AB	103	3.693	0.006	1.64	0.02	S
23494	7.541	0.007	7.560	0.008		−0.013	0.010	T	0.01	0.01	L	7.5680	0.0021	0.012	69		7.55	7.59					1							S
23495	9.066	0.014	7.160	0.006		1.617	0.013	T	2.14	0.04	O	7.0202	0.0022	0.019	100		6.99	7.05		U 2			1							S
23496	9.981	0.030	9.295	0.027		0.634	0.033	T	0.70	0.03	L	9.2757	0.0089	0.068	85		9.19	9.41	2.11	P 1 A			1							
23497	4.825	0.003	4.642	0.003		0.155	0.005	G	0.19	0.03	C	4.6767	0.0005	0.004	83		4.67	4.68					1							S
23498	9.914	0.027	9.117	0.021		0.765	0.002	G	0.81	0.00	H	9.1222	0.0022	0.016	89		9.09	9.15					1 G							
23499	10.356	0.031	9.258	0.020		0.948	0.028	T	0.94	0.02	L	9.3113	0.0026	0.022	99		9.29	9.35					1							
23500	10.591	0.044	10.625	0.072		0.004	0.024	G	0.02	0.02	H	10.6149	0.0048	0.038	82		10.54	10.67		C			1							G

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Std. Err. α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
23501		05 03 10.00	−47 44 40.4	9.69		H	75.791 684 44	−47.744 560 31		7.25	10.49	23.28	0.83	0.88	0.96	1.00	1.14	+5	+12	−5	+7	−15	+21	−14	−4	−3	+15	0	0.82
23502		05 03 11.73	−50 19 19.1	7.88		H	75.798 882 61	−50.321 964 74		6.70	−14.79	−7.40	0.57	0.60	0.65	0.65	0.74	+0	−15	−1	+18	−2	−12	+1	+16	−21	+15	0	−0.29
23503		05 03 13.47	−01 38 21.0	10.79		H	75.806 120 21	−01.639 166 93		3.28	4.50	8.87	2.20	1.45	2.89	2.22	1.62	−11	+51	−36	+19	−18	+20	−15	+6	−12	+20	0	0.22
23504		05 03 13.54	+17 17 24.7	9.77		H	75.806 412 45	+17.290 203 26		3.55	1.50	−13.02	1.35	0.75	1.48	1.69	0.81	−9	+33	−11	+9	+11	−22	+2	+59	−10	−2	0	−0.52
23505		05 03 14.78	−07 17 39.8	8.34		H	75.811 587 77	−07.294 386 07		1.65	−6.58	3.55	0.89	0.67	1.33	1.02	0.74	−28	+30	−30	+16	−36	+18	−38	+10	−30	−30	0	1.58
23506		05 03 14.79	−64 32 07.1	8.71		H	75.811 641 78	−64.535 312 65		1.04	7.47	11.12	0.66	0.78	0.78	0.58	0.95	+4	+23	−12	−34	+20	−17	+17	+2	+2	+34	0	−1.05
23507		05 03 15.86	+59 45 32.5	9.61		H	75.816 076 01	+59.759 035 20		3.73	−7.50	−4.60	1.00	0.94	1.45	1.30	1.09	+0	+1	+8	+7	−17	−23	−11	+31	−2	−14	0	−1.49
23508		05 03 17.10	+04 00 56.0	8.10		G	75.821 257 77	+04.015 547 60		0.92	1.00	4.27	0.87	0.60	1.04	1.12	0.74	+25	+29	−24	+12	+14	−12	+2	+39	−27	+41	0	1.25
23509		05 03 17.43	+54 54 54.1	8.15		H	75.822 641 62	+54.915 015 60		15.76	23.25	−109.72	0.90	0.73	1.17	1.06	0.93	+3	+17	−10	+18	−5	+7	−10	+23	−34	+0	0	−1.32
23510		05 03 17.93	+01 41 58.5	8.90		H	75.824 714 95	+01.699 577 51		1.00	24.37	−13.49	1.25	0.79	1.50	1.44	0.93	+15	+35	−10	+3	+9	+1	−1	+27	−27	+18	0	0.26
23511		05 03 18.64	+41 26 30.0	6.11		H	75.827 656 61	+41.441 653 08		1.60	−1.11	−2.86	0.72	0.53	0.78	0.85	0.60	+38	+26	−5	+13	+23	−12	+14	+65	−21	+46	0	0.88
23512		05 03 20.22	−17 22 20.8	11.71		G	75.834 266 52	−17.372 452 90		107.86	−226.25	−447.88	2.21	1.88	2.95	2.47	2.25	−8	+23	−5	−33	−8	+15	−4	−7	−24	−38	2	−1.35
23513		05 03 20.86	−63 12 20.9	8.53		H	75.836 897 05	−63.205 810 01		2.84	13.53	19.59	0.65	0.70	0.71	0.70	0.94	−4	+1	−11	−15	−9	+11	−11	+3	−3	+4	0	1.43
23514		05 03 21.60	−02 58 56.7	8.31		H	75.839 990 02	−02.982 429 15		1.28	1.72	−4.34	0.89	0.69	1.08	1.07	0.85	+19	+21	−10	+25	+3	−7	+2	+15	−3	+28	0	−0.15
23515		05 03 21.69	−00 00 16.2	10.18		H	75.840 358 50	−00.004 501 76		2.72	1.49	−2.74	1.60	1.10	1.92	2.26	1.31	+15	+18	−35	+22	+11	−25	+1	+27	−16	+36	9	1.72
23516		05 03 21.73	−23 15 02.3	9.28		G	75.840 528 00	−23.250 629 77		37.93	248.88	157.15	3.11	3.50	5.00	3.66	4.37	−6	+5	−14	−47	+4	+9	+2	−1	−5	+2	0	
23517		05 03 22.09	−19 30 01.6	8.61		G	75.842 030 16	−19.500 449 85		1.66	−2.99	−3.50	0.60	0.69	0.95	0.76	0.81	+9	+12	−21	−8	−23	+5	−12	+35	−21	−21	0	−0.26
23518		05 03 22.63	+53 07 55.9	9.96		G	75.844 306 66	+53.132 206 42		71.35	1304.13	−1537.29	1.45	1.13	1.76	1.71	1.21	+20	+18	−26	−13	−13	+5	−15	+1	−13	+37	0	1.37
23519		05 03 22.83	−25 09 49.5	11.96		G	75.845 107 95	−25.163 738 96		14.42	151.50	−48.32	2.18	3.29	4.59	2.62	3.96	−17	+16	−23	−27	−2	+2	−6	+1	−14	−8	1	
23520		05 03 23.05	+50 37 58.1	8.43	2	H	75.846 022 34	+50.632 808 14	*	4.81	0.37	−3.89	1.09	0.97	1.88	1.65	1.18	+6	+15	−47	+15	−32	+44	−16	+29	−31	−27	0	1.30
23521		05 03 24.07	+67 10 26.5	9.72		H	75.850 288 32	+67.174 026 36		3.02	0.01	−4.53	0.87	1.04	1.41	0.94	1.19	+6	+22	+17	−7	+11	−2	+14	+36	+12	+2	1	−1.40
23522		05 03 25.10	+60 26 32.2	4.03	1	H	75.854 572 00	+60.442 281 44		3.27	−6.11	−14.78	0.48	0.47	0.74	0.63	0.58	+16	−3	−7	−1	+10	−11	+10	+15	−9	+15	0	−0.98
23523		05 03 25.62	+25 46 10.4	8.43		H	75.856 735 13	+25.769 563 77		8.76	−13.79	−43.23	1.35	0.87	1.39	2.34	1.02	+38	+4	−18	−33	−43	+27	−33	−13	+14	+47	0	−0.82
23524		05 03 25.93	+72 10 02.5	8.42		H	75.858 054 00	+72.167 350 68		2.07	6.26	−19.14	0.50	0.65	0.88	0.55	0.75	−10	+5	−4	−6	+11	+12	+11	+3	−3	−4	0	0.81
23525	H	05 03 26.22	+70 49 29.9	8.97		H	75.859 246 36	+70.824 971 91	A	5.56	−7.51	−0.92	1.11	1.56	1.91	1.11	1.59	−23	+11	−16	+3	+9	+15	+12	−10	+16	−17	1	4.21
23526		05 03 27.36	+40 04 36.0	8.11		H	75.863 989 01	+40.076 661 76		0.06	−1.95	−3.16	0.91	0.57	1.01	1.13	0.64	+2	+28	−7	+21	−21	+1	−22	+57	−26	−1	2	0.23
23527		05 03 29.58	−70 41 59.4	11.71		G	75.873 259 72	−70.699 835 65		1.66	0.80	−2.19	1.88	1.92	2.06	1.99	2.29	+1	+16	−1	−9	−12	+28	−16	−10	−12	−5	5	−0.08
23528		05 03 29.61	−52 42 06.0	8.78		H	75.873 386 03	−52.701 667 55		7.19	−4.42	59.79	0.75	0.70	0.77	0.81	0.77	−16	+9	+0	+2	−7	+9	−8	+9	−4	−18	0	0.55
23529		05 03 29.82	−58 26 46.7	8.42		G	75.874 251 61	−58.446 294 14		3.11	7.01	10.94	0.61	0.61	0.68	0.63	0.63	+10	−3	+3	+8	+7	+7	+9	−11	+2	+19	0	−0.50
23530		05 03 30.65	+63 04 38.7	7.63		G	75.877 699 37	+63.077 417 88		31.76	106.24	310.91	0.62	0.55	1.05	0.70	0.60	−2	+21	−1	+8	+40	−18	+37	+29	+5	+19	0	−0.84
23531		05 03 32.89	−45 49 08.3	8.74		H	75.887 026 10	−45.818 966 38		2.61	−12.89	34.61	0.63	0.74	0.74	0.73	0.92	−2	+4	+1	−27	−2	+3	−2	−31	+1	+2	0	−0.21
23532		05 03 33.17	+63 05 06.6	7.93		G	75.888 220 36	+63.085 174 72		31.92	101.12	315.26	0.56	0.50	0.95	0.63	0.55	−3	+19	−1	+3	+40	−18	+37	+24	+4	+18	0	−1.73
23533		05 03 34.58	−02 58 45.9	9.55		G	75.894 066 20	−02.979 427 07		0.89	6.83	−4.77	1.23	0.96	1.51	1.43	1.16	+22	+23	−9	+24	+3	−6	+3	+19	+1	+30	0	1.17
23534	H	05 03 37.57	−28 58 09.8	9.46		H	75.906 523 09	−28.969 378 92	A	7.59	−6.65	−45.75	1.61	2.13	2.17	1.63	2.62	+4	+17	−16	+7	−5	+3	+4	+47	−11	−1	0	0.66
*23535		05 03 38.28	−05 08 43.0	9.00		H	75.909 492 84	−05.145 283 11	A	2.17	−2.06	−6.40	1.76	1.31	1.84	2.13	1.41	−7	+15	−34	+38	−3	−18	−11	+43	−26	+11	2	0.92
*23536		05 03 38.26	+37 16 06.9	7.30		H	75.909 408 46	+37.268 579 04		4.55	0.65	−13.19	0.91	0.59	0.96	0.99	0.65	−1	+36	−12	+29	−5	−2	−9	+65	−16	−1	0	−0.23
23537		05 03 38.38	+02 33 30.1	8.63		G	75.909 897 00	+02.558 357 80		4.07	−4.73	2.89	1.10	0.70	1.32	1.19	0.81	+7	+28	−1	+7	+17	+6	+7	+35	−24	+12	6	1.38
23538		05 03 42.28	−23 02 03.3	10.65	2	H	75.926 174 61	−23.034 248 44		−1.16	1.63	3.07	3.05	3.65	5.23	4.04	4.61	−8	+3	−9	−27	−4	+13	−3	−1	−12	−11	0	
23539		05 03 42.83	−02 32 24.0	6.73		H	75.928 472 21	−02.540 008 00		4.21	34.55	9.85	0.74	0.56	0.94	0.85	0.68	+15	+31	−19	+18	+2	+5	+1	+14	−6	+33	0	−0.03
23540		05 03 43.19	−04 12 19.9	8.35		H	75.929 965 54	−04.205 527 69		5.25	−3.86	−7.85	1.18	0.76	1.15	1.44	0.87	−31	+14	−36	+69	−21	−7	−22	+49	−27	−11	2	0.42
23541		05 03 43.37	−15 42 25.4	8.13		G	75.930 719 79	−15.707 066 58		8.68	−30.64	−21.98	0.99	0.92	1.16	1.66	2.00	−20	+28	−26	+52	−37	+2	−62	+7	−17	−63	0	0.92
23542		05 03 45.60	+06 38 25.5	7.52		H	75.940 009 17	+06.640 405 81		7.84	0.07	−35.92	0.88	0.56	1.00	1.09	0.66	+10	+29	−17	+27	+17	+0	+8	+51	−27	+10	0	1.78
23543		05 03 45.74	−36 03 59.7	9.42		H	75.940 581 03	−36.066 587 57		2.35	7.12	0.35	0.71	0.94	1.02	0.76	1.28	−1	+2	−2	−1	−2	+3	−3	+3	+1	+18	1	0.12
23544		05 03 47.18	+10 51 18.9	9.59		H	75.946 585 09	+10.855 258 52		3.54	−10.52	−17.23	1.40	0.87	1.62	1.68	0.98	+14	+3	−16	+37	+15	−15	+11	+57	−29	+21	0	−0.94
23545		05 03 47.56	+70 04 19.1	8.80		H	75.948 173 98	+70.071 975 11		3.05	−0.70	0.64	0.48	0.80	1.12	0.51	0.92	−10	−1	−2	−18	+8	+7	+8	−15	+10	−15	0	−0.73
23546		05 03 47.97	−56 18 10.3	7.78		H	75.949 881 83	−56.302 871 74		4.40	21.78	46.84	0.60	0.61	0.63	0.72	0.74	−3	−7	−7	−26	−7	+1	−6	−4	+15	−11	0	0.37
23547		05 03 49.22	−79 30 25.7	9.64		G	75.955 092 23	−79.507 147 37		10.72	92.04	174.15	0.77	0.65	0.83	0.88	0.95	−23	+13	−8	−25	−3	+6	−7	−24	−3	−22	1	0.76
23548		05 03 51.30	+02 43 31.8	9.31		H	75.963 762 89	+02.725 499 37		8.71	16.97	21.79	1.36	0.87	1.61	1.50	1.02	+7	+37	−4	+7	+16	+5	+4	+36	−22	+13	0	0.64
23549		05 03 51.57	−11 39 42.6	8.44		H	75.964 860 27	−11.661 833 89		2.37	1.74	−7.25	0.88	0.70	1.19	0.89	0.74	−31	+50	−26	+30	−30	+9	−21	+7	+8	−29	0	−0.12
23550		05 03 51.89	+24 58 23.2	7.44		H	75.966 189 18	+24.973 102 38		12.63	126.32	−117.88	1.02	0.63	1.01	1.25	0.76	+29	+36	+4	−10	+25	−0	+29	+52	−5	+24	2	−0.60
23551		05 03 52.12	−14 22 12.9	6.42		H	75.967 182 38	−14.370 238 13		2.47	1.23	3.12	0.44	0.43	0.72	0.57	0.56	+6	+25	−8	+7	−14	−13	−11	+2	+20	−28	1	0.19
*23552		05 03 52.78	−28 29 45.1	9.61		H	75.969 904 60	−28.495 858 33		7.56	53.09	−29.83	0.78	0.90	1.15	0.98	1.22	+0	+13	−13	−7	+0	+0	−1	+27	−12	+1	0	1.86
*23553		05 03 52.74	−40 36 27.5	8.38		H	75.969 741 55	−40.607 642 90		18.60	−8.42	−58.88	0.58	0.66	0.70	0.64	0.78	−2	+11	−11	−33	+1	+10	+3	−34	+7	+1	1	−0.15
23554		05 03 53.26	−24 23 17.0	5.61		H	75.971 897 41	−24.388 057 35		16.65	25.69	−38.42	0.29	0.46	0.64	0.35	0.60	−10	+13	−16	+1	−6	+6	−8	+13	−12	+0	1	−0.35
23555		05 03 53.94	−41 44 43.2	6.30		G	75.974 729 74	−41.745 337 27		31.93	22.82	159.17	0.46	0.52	0.57	0.45	0.57	−11	+9	−2	−10	+0	+8	+0	−15	+9	−12	0	0.98
23556		05 03 53.97	+40 41 00.0	8.10		H	75.974 886 53	+40.683 326 84		1.52	−0.95	−10.00	1.00	0.62	1.10	1.08	0.68	+22	+38	−3	+18	+2	+2	−6	+64	−23	+25	0	1.47
23557		05 03 54.44	+32 22 53.2	8.37		H	75.976 841 50	+32.381 434 75		3.14	4.83	−5.12	1.17	0.83	1.41	1.90	1.07	+22	+4	−37	−31	−8	+44	−9	+0	+24	+63	3	−0.09
23558		05 03 54.54	−25 53 31.1	8.10		H	75.977 231 58	−25.891 984 16		4.60	3.57	7.92	0.49	0.70	0.94	0.62	0.90	−3	+1	−15	−18	−7	+19	−4	+8	−9	−4	0	−0.51
23559		05 03 56.13	−27 39 33.8	8.55		H	75.983 865 02	−27.659 393 96		1.06	7.42	−8.67	0.59	0.79	1.02	0.74	1.05	+4	+13	−18	−2	+10	+0	+5	+30	−12	+18	0	1.26
23560		05 03 56.57	−14 33 22.3	6.71		H	75.985 692 91	−14.556 196 49		4.56	39.57	−0.21	0.51	0.48	0.79	0.67	0.62	+5	+21	−14	+18	−7	−18	−11	+9	+7	−17	2	−0.30
23561		05 03 57.07	+22 32 01.1	8.82		H	75.987 800 93	+22.533 631 00		4.15	−0.24	−4.94	1.32	0.68	1.29	1.35	0.74	−14	+35	−9	−34	+37	−1	+13	+38	−20	+13	0	2.56
23562		05 03 58.20	−29 48 48.4	8.75		H	75.992 479 45	−29.813 457 50		3.24	−0.43	−10.47	0.60	0.74	0.94	0.69	1.01	+3	+10	+1	−8	+8	+11	+4	+18	−16	+13	0	1.66
23563		05 03 59.25	+28 52 39.9	9.79		H	75.996 865 89	+28.877 740 61		26.73	220.81	−208.73	1.97	1.06	2.13	1.93	1.23	−8	+61	−1	+17	+2	−16	−5	+19	−7	−25	7	−0.88
23564		05 03 59.47	−10 38 06.7	7.24		H	75.997 797 79	−10.635 199 86		1.35	−2.90	5.92	0.66	0.51	0.87	0.70	0.58	−12	+36	−13	+22	−18	−7	−18	+7	+1	−13	3	−0.12
23565		05 03 59.92	−45 12 30.0	8.11		H	75.999 670 00	−45.208 323 81		4.04	9.80	14.12	0.63	0.71	0.74	0.73	0.87	−18	+11	−13	−12	+9	−1	+10	−13	+0	−13	1	0.92
23566		05 04 00.68	−05 51 04.5	8.44		H	76.002 813 94	−05.851 237 46		9.40	15.26	−20.00	0.86	0.65	0.95	1.14	0.84	+1	+10	−9	+15	−17	−16	−19	+26	−11	+15	0	1.09
23567	H	05 04 01.25	−02 51 28.1	8.16		H	76.005 206 07	−02.857 814 21	A	6.43	15.86	9.29	1.77	1.33	2.00	1.78	1.42	+7	+45	−12	+22	−2	+14	−2	+19	−3	+26	0	0.74
23568		05 04 02.33	+49 30 35.9	8.36		H	76.009 700 25	+49.509 963 54		1.98	−7.21	−14.56	1.02	0.74	1.24	1.26	0.85	+4	+31	−31	+8	−8	+4	−14	+43	−34	+8	0	1.38
23569		05 04 03.03	+47 39 53.5	7.13		H	76.012 623 40	+47.664 866 26		3.98	−6.89	−11.50	0.83	0.55	0.93	0.97	0.60	+16	+15	−28	−5	−9	+14	−12	+26	−11	+35	0	−0.32
23570		05 04 03.63	+27 32 15.8	9.61		H	76.015 135 37	+27.537 708 95		4.61	26.49	−21.62	1.28	0.92	1.37	1.40	1.09	+17	+38	−9	−13	−5	+13	−5	−13	+0	+51	0	1.30
23571	H	05 04 04.13	+02 57 21.5	8.94		H	76.017 201 78	+02.955 980 56	B	8.38	0.58	−1.73	4.75	2.83	3.27	3.37	2.47	+29	+17	−10	+6	+2	+7	−5	+15	−20	−10	3	1.00
23572		05 04 04.75	+38 52 11.2	8.13		H	76.019 812 29	+38.869 765 19		1.53	−1.86	−1.40	0.95	0.56	1.12	0.95	0.61	+12	+25	−23	+15	+15	−10	−2	+58	−39	+28	0	0.39
*23573		05 04 05.40	−42 21 47.7	10.03		G	76.022 490 72	−42.363 253 93		16.17	188.88	−131.79	0.91	1.07	1.11	0.98	1.20	−17	−5	+7	+18	−10	+6	−10	−3	+0	−16	0	−0.50
*23574		05 04 05.36	+17 07 30.0	8.78		G	76.022 345 54	+17.125 000 26		2.26	98.52	−51.59	1.11	0.66	1.27	1.49	0.73	+2	+31	−16	+3	+17	−27	+8	+50	−9	+13	0	−0.14
23575		05 04 06.21	−00 38 55.3	8.60		H	76.025 879 30	−00.648 706 76		20.83	59.94	−143.50	1.04	0.70	1.22	1.38	0.88	+9	+31	−20	+15	+2	−17	−3	+12	−8	+22	3	−1.12
23576		05 04 08.52	+54 51 52.3	7.84		H	76.035 493 64	+54.864 529 24		5.97	16.68	−36.75	0.91	0.69	1.10	1.09	0.83	−8	+23	−2	+35	−28	−3	−32	+30	−25	−18	0	−0.21
*23577		05 04 10.09	+85 15 33.6	9.19		H	76.042 049 90	+85.259 321 72		9.34	41.26	−195.12	0.67	0.80	0.91	0.71	1.06	−1	+17	+6	−6	+1	+6	−2	−4	−14	+6	1	−0.28
*23578		05 04 09.41	+33 15 43.8	8.89		H	76.039 226 18	+33.262 168 87		3.96	1.95	−3.79	1.15	0.80	1.28	1.31	0.92	−1	+39	−28	+7	+19	+7	+4	+48	−7	+41	0	0.46
*23579		05 04 09.60	+19 05 40.8	10.85		H	76.040 009 45	+19.094 671 60		9.01	−1.87	−17.42	2.10	1.14	2.41	2.43	1.27	−6	+42	−16	+15	+7	+6	−4	+67	−27	−3	2	−0.62
23580		05 04 10.30	+09 08 31.8	8.93		H	76.042 937 08	+09.142 155 63		2.03	−0.24	−2.92	1.49	0.72	1.68	1.38	0.79	+7	+63	−3	+26	+8	+13	−8	+40	−22	+8	0	−1.28
23581		05 04 10.99	+46 51 53.3	9.31		H	76.045 778 36	+46.864 813 69		2.37	5.70	−10.28	1.14	0.73	1.32	1.21	0.76	+8	+35	−20	+1	−18	−1	−21	+19	−19	+7	0	−0.30
23582		05 04 12.77	+73 45 50.2	6.21	1	H	76.053 198 37	+73.763 932 88		2.45	14.17	−18.80	0.36	0.45	0.58	0.41	0.58	−9	+7	+5	−12	+7	+5	+7	−4	−3	−17	0	−2.51
23583		05 04 14.56	+30 29 40.6	6.14		G	76.060 654 46	+30.494 619 84		5.61	12.06	−13.19	0.74	0.55	0.80	0.77	0.57	+0	+22	−14	+2	+29	+14	+25	+17	−8	+25	3	1.38
23584	H	05 04 15.47	+34 27 39.3	9.89		H	76.064 474 18	+34.460 905 96	*	2.94	17.19	−18.96	3.13	2.21	2.41	2.66	1.71	−21	+33	+0	+13	−11	+13	−20	+58	+0	−6	0	0.39
23585		05 04 16.17	+45 46 46.2	6.51		H	76.067 391 08	+45.779 503 86		17.52	19.06	−63.33	0.71	0.50	0.84	0.81	0.53	+3	+35	+2	+29	−19	−22	−18	+54	−13	−6	0	−0.85
23586	H	05 04 18.00	−06 01 52.7	6.93		H	76.074 994 02	−06.031 315 39	A	5.65	−3.27	7.12	1.50	0.96	1.07	1.51	0.90	−40	−3	−6	+51	−38	−5	−35	+50	−10	−39	1	0.30
23587		05 04 19.21	+20 02 21.7	9.91	2	H	76.080 060 44	+20.039 369 53		1.55	8.11	−6.14	1.48	0.86	1.61	1.84	0.95	+3	+36	−16	−3	+20	−8	+10	+57	−14	+13	0	1.28
23588		05 04 21.35	+08 12 18.6	8.44		H	76.088 941 64	+08.205 167 87		7.87	9.27	1.91	1.06	0.66	1.27	1.56	0.85	+13	+23	−4	+27	+10	+20	+6	+43	−29	−14	2	−0.05
23589		05 04 21.58	+21 16 40.8	6.20		H	76.089 915 31	+21.277 991 75		5.30	15.18	−25.17	0.72	0.45	0.81	0.78	0.49	+9	+28	−21	+2	+34	+12	+17	+56	−18	+36	0	−1.20
23590		05 04 21.77	−13 42 26.2	8.09		H	76.090 710 59	−13.707 277 95		3.09	8.01	−13.26	0.58	0.62	0.92	0.66	0.73	+11	+25	−15	+4	−12	−4	−10	−8	+16	−2	0	−0.30
*23591		05 04 22.11	+28 39 35.7	9.34		H	76.092 111 51	+28.659 909 74		0.35	−9.16	−11.78	1.55	0.92	1.63	1.69	1.09	−19	+50	−13	+22	−2	−15	−8	+23	−7	−21	0	0.09
*23592	H	05 04 22.06	+21 38 36.8	7.94		H	76.091 929 33	+21.643 561 34	*	1.04	2.68	−5.17	1.85	1.07	1.29	1.36	0.73	+8	+37	−8	−14	+15	+16	+4	+38	−22	−16	1	0.23
23593		05 04 22.36	−10 08 56.3	9.69		G	76.093 160 92	−10.148 959 88		19.67	66.81	−275.47	1.13	0.87	1.54	1.19	0.92	−18	+35	−14	+19	−27	+0	−31	−11	−13	−22	0	−0.44
23594	H	05 04 22.74	−74 55 15.9	8.36		G	76.094 754 07	−74.921 090 80	*	2.92	−7.15	−10.20	1.61	1.60	0.85	0.90	1.03	+18	+20	−9	−9	+2	+1	+4	−1	+1	+3	1	0.49
23595	H	05 04 24.31	−35 28 58.3	4.55		G	76.101 298 97	−35.482 870 57	A	17.63	126.17	−44.36	0.43	0.52	0.54	0.44	0.59	−10	+19	−9	+3	−7	+13	−5	−9	+7	+4	1	−0.24
23596	H	05 04 26.14	−35 42 18.7	6.32	2	G	76.108 902 21	−35.705 207 75	A	9.77	28.46	40.58	0.54	0.68	0.69	0.55	0.76	−6	+16	+6	+10	−9	+14	−9	−4	+4	+4	1	1.09
*23597		05 04 26.57	+12 09 54.2	10.53		H	76.110 714 22	+12.165 067 12		8.06	23.95	−13.95	1.80	1.04	2.14	2.09	1.20	+11	+34	−12	+19	+6	−15	−5	+47	−27	+23	2	0.14
*23598	H	05 04 26.57	+29 37 46.9	8.51		H	76.110 702 77	+29.629 699 51	A	4.47	−3.43	−9.39	2.42	1.44	2.34	2.34	1.45	−20	+38	−13	+13	+8	+2	−4	+13	−23	−26	1	−0.77
23599		05 04 26.72	+10 11 13.3	10.32		G	76.111 335 83	+10.187 036 64		3.98	112.43	−94.14	1.49	0.96	1.61	1.87	1.08	+17	+14	+3	+29	+3	−5	+3	+41	−10	+20	0	0.73
23600		05 04 26.77	−67 17 42.8	10.88		G	76.111 535 29	−67.295 233 60		−0.90	1.42	9.31	1.42	1.45	1.48	1.47	1.86	−17	+9	−6	−16	+1	+14	+2	−12	+5	−28	0	−1.55

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″		ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65		66	67	68-70
23501	10.298	0.026	9.767	0.026		0.506	0.028	T	0.58	0.03	L	9.7958	0.0019	0.021	111		9.75	9.83		C			1								
23502	8.312	0.008	7.923	0.009		0.368	0.011	T	0.43	0.01	L	7.9659	0.0015	0.012	108		7.95	7.99					1								S
23503	11.206	0.075	10.708	0.079		0.587	0.072	G	0.66	0.07	R	10.9191	0.0053	0.035	70		10.86	10.97		C			1								G
23504	10.306	0.036	9.801	0.036		0.475	0.046	T	0.55	0.05	L	9.8749	0.0023	0.015	99		9.85	9.90					1								G
23505	9.658	0.023	8.464	0.014		1.022	0.021	T	1.00	0.02	L	8.5023	0.0013	0.010	89		8.49	8.52		C			1								
23506	10.859	0.044	8.884	0.015		1.673	0.038	T	1.73	0.11	O	8.8115	0.0020	0.019	102		8.78	8.84					1 S								
23507	9.996	0.026	9.633	0.028		0.344	0.036	T	0.40	0.05	L	9.6913	0.0026	0.028	102		9.64	9.73					1								G
23508	7.940	0.009	8.067	0.012		−0.112	0.002	G	−0.10	0.00	H	8.0650	0.0016	0.010	67		8.05	8.08		C			1								S
23509	8.863	0.015	8.215	0.014		0.607	0.015	G	0.68	0.01	H	8.2823	0.0019	0.017	71		8.25	8.32					1								
23510	10.280	0.035	8.997	0.021		1.092	0.032	T	1.05	0.03	L	9.0686	0.0028	0.017	68		9.04	9.10		C			1								
23511	6.334	0.005	6.137	0.004		0.188	0.006	T	0.21	0.01	L	6.1709	0.0006	0.007	100		6.16	6.18		C			1								S
23512						1.661	0.020	G	2.76	0.06	I	11.7522	0.0068	0.061	92		11.67	11.84					1								D
23513	10.304	0.028	8.703	0.013		1.341	0.024	T	1.31	0.03	L	8.6832	0.0021	0.014	108		8.66	8.71					1								
23514	8.195	0.010	8.274	0.013		−0.067	0.015	T	−0.04	0.01	L	8.2931	0.0014	0.013	70		8.27	8.31		C			1								
23515	10.295	0.041	10.191	0.057		0.101	0.066	T	0.11	0.07	L	10.2164	0.0043	0.028	66		10.17	10.26					1								G
23516	10.970	0.038	9.435	0.017		1.281	0.007	G	1.55	0.01	A	9.3843	0.0029	0.028	166		9.34	9.44					1 X								
23517	8.500	0.008	8.581	0.011		−0.081	0.003	G	−0.06	0.00	H	8.5905	0.0021	0.018	150		8.56	8.62		C			1								
23518	11.789	0.142	10.059	0.048		1.389	0.015	G	1.64	0.03	I	10.0286	0.0031	0.028	68		9.97	10.08					1								G
23519						1.265	0.015	G	1.44	0.03	I	12.0795	0.0062	0.070	192		11.97	12.19					1 X S								D
23520	12.933	0.445	9.125	0.024		2.100	0.450	G	2.09	0.46	J	8.5073	0.0176	0.136	69		8.35	8.71		U 2			1 V								P
23521	10.071	0.026	9.811	0.032		0.248	0.039	T	0.28	0.05	L	9.7916	0.0027	0.025	124		9.75	9.83					1								G
23522	5.153	0.003	4.125	0.002		0.921	0.019	G	0.89	0.01	G	4.1838	0.0007	0.005	108		4.17	4.19		M	05034+6026	I 1	1								S
23523	9.285	0.023	8.542	0.019		0.680	0.024	T	0.74	0.02	L	8.5727	0.0018	0.011	48		8.56	8.60		C			1								
23524	8.511	0.008	8.425	0.009		0.084	0.011	T	0.10	0.01	L	8.4512	0.0014	0.017	198		8.42	8.48					1								S
23525	9.127	0.009	9.053	0.011	A	0.104	0.150	G	0.08	0.03	L *	8.9970	0.0017	0.023	218	*	8.96	9.04		D	05034+7049	H 1	2 C C	AB	356	4.418	0.036		3.11	0.15	
23526	8.105	0.008	8.089	0.010		0.019	0.012	T	0.04	0.01	L	8.1213	0.0010	0.010	106		8.11	8.14		D			1								
23527						−0.001	0.036	G	0.02	0.03	H	11.6966	0.0085	0.068	98		11.49	11.84					1 S								D
23528	9.981	0.022	8.860	0.014		0.965	0.020	T	0.95	0.02	L	8.9492	0.0022	0.017	116		8.92	8.99		C			1								
23529	8.760	0.011	8.435	0.012		0.302	0.010	G	0.35	0.01	H	8.4966	0.0020	0.018	96		8.46	8.53					1								S
23530	8.791	0.009	7.968	0.007		0.660	0.003	G	0.72	0.00	H	8.0530	0.0012	0.017	189		8.02	8.08		D	05035+6305	I 2	1								S
23531	10.000	0.023	8.871	0.015		0.972	0.021	T	0.96	0.02	L	8.9077	0.0016	0.012	112		8.89	8.93		C			1								
23532	8.396	0.008	7.657	0.006		0.710	0.003	G	0.76	0.00	H	7.7402	0.0010	0.010	192		7.72	7.76		D	05035+6305	I 2	1								S
23533	9.633	0.025	9.525	0.032		−0.040	0.015	G	−0.02	0.01	H	9.5502	0.0033	0.024	76		9.52	9.60					1 S								
23534	10.379	0.027	9.599	0.021	A	0.800	0.495	G	0.75	0.07	B *	9.6017	0.0027	0.030	146	*	9.54	9.66		D	05036−2858	I 1	2 C A	AB	72	1.218	0.014		1.61	0.07	
23535	9.174	0.019	9.012	0.023	A	0.156	0.028	T	0.17	0.03	L	9.0593	0.0088	0.024	69	A	9.02	9.12			05036−0509	I 1	2 C A	AB	73	13.871	0.028		2.37	0.08	
23536	7.444	0.007	7.320	0.009		0.120	0.011	T	0.13	0.01	L	7.3451	0.0014	0.009	74		7.33	7.36					1								S
23537	9.006	0.016	8.657	0.016		0.335	0.015	G	0.39	0.02	H	8.7276	0.0010	0.012	72		8.70	8.75		D			1								
23538	11.982	0.110	10.716	0.055		1.079	0.096	T	1.04	0.08	L	10.8151	0.0069	0.065	159		10.68	10.93		U			1 X S								G
23539	8.104	0.011	6.841	0.008		1.076	0.011	T	1.04	0.01	L	6.8945	0.0012	0.010	76		6.88	6.91			05037−0232	I 1	1								S
23540	8.754	0.015	8.394	0.015		0.341	0.020	T	0.40	0.03	L	8.4354	0.0019	0.012	57		8.42	8.46		C			1								
23541	8.729	0.010	8.201	0.009		0.510	0.015	G	0.58	0.02	H	8.2464	0.0013	0.016	123		8.22	8.28					1 G								S
23542	8.691	0.014	7.622	0.010		0.926	0.013	T	0.92	0.01	L	7.6798	0.0013	0.009	79		7.67	7.70		C			1 S								S
23543	10.692	0.039	9.512	0.023		1.011	0.035	T	0.99	0.03	L	9.5824	0.0020	0.024	114		9.54	9.64		C			1								
23544	10.152	0.030	9.668	0.031		0.456	0.039	T	0.53	0.04	L	9.6942	0.0029	0.017	81		9.67	9.72		C			1								
23545	10.015	0.015	8.901	0.009		0.960	0.014	T	0.95	0.01	L	8.9628	0.0015	0.026	259		8.92	9.01					1								
23546	8.131	0.009	7.801	0.010		0.288	0.015	G	0.33	0.02	H	7.8568	0.0019	0.017	102		7.83	7.89					1 S								S
23547	10.517	0.033	9.679	0.025		0.709	0.004	G	0.76	0.00	H	9.7890	0.0025	0.023	121		9.75	9.84					1								
23548	9.933	0.029	9.385	0.028		0.513	0.036	T	0.59	0.04	L	9.4236	0.0019	0.019	75		9.39	9.46		D			1								
23549	9.642	0.017	8.556	0.012		0.939	0.016	T	0.93	0.01	L	8.6071	0.0015	0.017	107		8.58	8.66		C			1								
23550	8.420	0.022	7.530	0.013		0.810	0.020	G	0.84	0.01	H	7.5849	0.0012	0.009	63		7.57	7.60		C			1 G								S
23551	6.170	0.003	6.383	0.003		−0.187	0.004	G	−0.20	0.01	H	6.3525	0.0008	0.008	144		6.34	6.36		C			1								S
23552	10.342	0.027	9.653	0.024		0.624	0.027	T	0.69	0.02	L	9.7424	0.0019	0.023	159		9.70	9.78		C			1								
23553	9.142	0.013	8.436	0.011		0.637	0.013	T	0.70	0.01	L	8.5166	0.0014	0.012	126		8.49	8.54		C			1								
23554	5.721	0.002	5.599	0.002		0.094	0.003	G	0.06	0.04	D	5.6276	0.0004	0.006	235		5.62	5.64		C			1								S
23555	6.935	0.004	6.376	0.004		0.528	0.005	G	0.63	0.07	F	6.4246	0.0007	0.006	111		6.41	6.43					1								S
23556	8.070	0.008	8.075	0.010		0.000	0.012	T	0.02	0.01	L	8.1039	0.0011	0.012	116		8.08	8.13					1								
23557	8.570	0.015	8.383	0.017		0.179	0.021	T	0.20	0.02	L	8.4313	0.0020	0.011	58		8.41	8.46		C	05039+3223	I 1	1								
23558	9.415	0.013	8.211	0.008		1.030	0.012	T	1.00	0.01	L	8.2658	0.0013	0.015	187		8.24	8.29		C			1								S
23559	10.447	0.028	8.713	0.012		1.446	0.024	T	1.44	0.04	L	8.6868	0.0014	0.022	161		8.65	8.73					1								
23560	8.277	0.009	6.843	0.005		1.210	0.008	T	1.17	0.01	L	6.8731	0.0009	0.010	135		6.86	6.89					1								S
23561	9.068	0.018	8.862	0.021		0.197	0.026	T	0.22	0.03	L	8.8882	0.0015	0.017	75		8.86	8.91					1								
23562	10.198	0.023	8.901	0.013		1.103	0.021	T	1.07	0.02	L	8.9194	0.0014	0.016	145		8.88	8.95		C			1								
23563	11.458	0.122	9.960	0.051		1.060	0.015	G	1.12	0.02	I	9.9219	0.0046	0.025	45		9.88	9.96					1								G
23564	9.059	0.015	7.380	0.007		1.403	0.013	T	1.38	0.02	L	7.3781	0.0011	0.011	92		7.36	7.39		C			1								S
23565	8.280	0.010	8.141	0.011		0.134	0.014	T	0.15	0.01	L	8.1650	0.0015	0.013	102		8.14	8.19		C			1								S
23566	9.007	0.014	8.502	0.014		0.475	0.018	T	0.55	0.02	L	8.5472	0.0019	0.014	73		8.52	8.57		C			1								
23567	8.568	0.018	8.136	0.019	*	0.408	0.024	T	0.47	0.03	L *	8.2542	0.0020	0.015	76	*	8.23	8.28		D	05040−0251	I 1	2 C A	AB	80	5.569	0.005		0.71	0.02	
23568	8.392	0.013	8.369	0.016		0.026	0.019	T	0.04	0.01	L	8.3790	0.0018	0.015	71		8.35	8.40					1								S
23569	8.832	0.014	7.289	0.008		1.296	0.013	T	1.26	0.01	L	7.2850	0.0016	0.012	74		7.27	7.31					1								S
23570	10.459	0.041	9.692	0.034		0.699	0.042	T	0.76	0.04	L	9.7560	0.0024	0.015	56		9.73	9.79		C			1								G
23571	9.307	0.020	9.129	0.023	*	0.171	0.028	T	0.19	0.03	L *	8.9974	0.0025	0.017	71	*	8.97	9.02		D	05041+0257	I 1	2 C A	BA	304	0.945	0.007		0.09	0.02	
23572	8.418	0.009	8.158	0.010		0.250	0.015	G	0.28	0.02	H	8.2034	0.0012	0.011	97		8.19	8.23		C			1								
23573	10.845	0.044	10.081	0.037		0.739	0.001	G	0.81	0.02	A	10.1837	0.0037	0.023	95		10.13	10.23					1								
23574	10.016	0.027	8.875	0.018		1.028	0.010	G	1.08	0.01	I	8.9178	0.0015	0.012	78		8.90	8.94		C			1								
23575	9.516	0.019	8.673	0.015		0.741	0.019	T	0.79	0.01	L	8.7399	0.0015	0.015	73		8.72	8.77		C			1								
23576	8.081	0.013	7.856	0.011		0.215	0.016	T	0.24	0.02	L	7.9121	0.0020	0.012	74		7.89	7.94					1								S
23577	9.723	0.024	9.212	0.022		0.480	0.029	T	0.55	0.03	L	9.2974	0.0019	0.019	112		9.26	9.33		C			1								
23578	9.357	0.021	8.920	0.022		0.413	0.028	T	0.48	0.03	L	8.9795	0.0039	0.025	61		8.95	9.03					1								
23579	11.401	0.073	10.792	0.073		0.567	0.090	T	0.64	0.08	L	10.9700	0.0044	0.036	114		10.92	11.05					1								G
23580	10.822	0.056	9.119	0.022		1.422	0.048	T	1.41	0.08	L	9.0658	0.0025	0.012	66		9.04	9.09		C			1								
23581	11.045	0.078	9.525	0.035		1.278	0.067	T	1.24	0.07	L	9.4735	0.0019	0.014	71		9.45	9.49		C			1								G
23582	8.349	0.008	6.410	0.003		1.609	0.007	T	1.63	0.01	L	6.3254	0.0012	0.012	181		6.31	6.34		U 2			1								S
23583	7.692	0.008	6.296	0.005		1.208	0.015	G	1.17	0.01	I	6.3261	0.0011	0.007	66		6.31	6.34		C			1								S
23584	10.672	0.070	10.008	0.060	*	0.615	0.077	T	0.68	0.07	L *	10.0248	0.0032	0.019	64	*	9.97	10.05		D	05043+3428	M 1	2 C A	AB	88	0.288	0.021		0.84	0.30	G
23585	6.772	0.005	6.538	0.006		0.223	0.007	T	0.25	0.01	L	6.5820	0.0007	0.006	80		6.57	6.59					1								S
23586	6.915	0.005	6.935	0.007	*	−0.014	0.008	T	0.01	0.01	L *	6.9320	0.0010	0.009	72	*	6.92	6.95		D	05043−0602	I 1	2 C A	AB	299	0.460	0.005		1.39	0.02	S
23587	12.901	0.329	10.377	0.055		1.651	0.243	G	1.72	0.29	K	10.0153	0.0041	0.033	103		9.94	10.07		U			1 S								G
23588	9.884	0.028	8.584	0.016		1.105	0.025	T	1.07	0.03	L	8.6029	0.0018	0.013	62		8.59	8.62		C			1								S
23589	7.952	0.008	6.348	0.004		1.324	0.006	G	1.20	0.04	E	6.3570	0.0007	0.006	101		6.35	6.37					1								S
23590	9.274	0.015	8.191	0.010		0.937	0.014	T	0.93	0.01	L	8.2485	0.0014	0.014	128		8.22	8.28		C			1								
23591	11.188	0.085	9.461	0.033		1.441	0.072	T	1.44	0.11	L	9.4845	0.0034	0.019	49		9.46	9.51					1 S								
23592	8.347	0.014	8.000	0.014	*	0.336	0.018	T	0.39	0.02	L *	8.0177	0.0014	0.009	95	*	8.00	8.03		D	05044+2139	I 1	2 C A	AB	311	0.240	0.005		0.16	0.07	S
23593	10.631	0.042	9.776	0.031		0.798	0.002	G	0.84	0.00	H	9.8318	0.0023	0.017	84		9.80	9.86		C			1								
23594	9.497	0.018	8.485	0.013	*	0.880	0.020	G	0.89	0.01	H *	8.5505	0.0045	0.026	104	*	8.52	8.60		R	05044−7455	H 1	2 C A	AB	44	0.222	0.021		1.96	0.28	S
23595	6.143	0.004	4.706	0.002	A	1.177	0.046	G	1.19	0.02	A *	4.7010	0.0004	0.005	130	*	4.69	4.71		D	05044−3529	I 1	2 C A	AB	306	3.154	0.014		3.75	0.07	S
23596	6.681	0.006	6.364	0.005	*	0.311	0.006	G	0.36	0.01	H *	6.3904	0.0058	0.035	125	*	6.35	6.44	0.14	P 1 A	05044−3542	H 1	2 C A	AB	183	0.886	0.011		3.11	0.06	S P
23597	11.232	0.069	10.616	0.062		0.574	0.081	T	0.65	0.07	L	10.6507	0.0035	0.024	94		10.60	10.70		C			1								G
23598	8.840	0.018	8.587	0.020	*	0.241	0.025	T	0.27	0.03	L *	8.5823	0.0013	0.014	56	*	8.57	8.61		D	05044+2938	I 1	2 C A	AB	336	0.743	0.005		1.02	0.02	S
23599	11.055	0.061	10.433	0.056		0.590	0.015	G	0.66	0.01	H	10.4414	0.0041	0.026	84		10.40	10.48		C			1								G
23600	10.989	0.064	10.809	0.083		0.045	0.010	G	0.06	0.01	H	10.9192	0.0059	0.042	89		10.83	11.00		C			1								G

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Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ α* (19)	π α* (20)	π δ (21)	$\mu_{\alpha*}$ α* (22)	$\mu_{\alpha*}$ δ (23)	$\mu_{\alpha*}$ π (24)	μ_δ α* (25)	μ_δ δ (26)	μ_δ π (27)	μ_δ $\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
23601		05 04 28.49	+07 49 49.1	7.15		H	76.118 699 17	+07.830 307 26		7.67	21.04	−10.28	0.82	0.49	0.95	1.15	0.61	+ 8	+22	− 4	+25	+16	+12	+ 7	+34	−33	−11	0	1.25
23602		05 04 29.99	−03 47 14.3	10.51	3	T	76.124 949 46	−03.787 292 37	*	0.61	4.97	−3.12	2.04	1.58	2.47	2.76	2.17	+ 8	+18	−39	+43	+18	−12	+ 6	+48	−25	+25	0	−1.61
23603		05 04 32.72	+43 43 39.7	7.64		H	76.136 347 36	+43.727 706 66		5.68	10.38	−19.54	1.16	0.63	1.32	1.00	0.69	+12	+63	−11	+15	+ 2	− 5	−19	+51	−32	+29	0	0.39
23604		05 04 32.75	−44 56 51.7	8.88		H	76.136 475 01	−44.947 706 43		2.71	3.28	5.51	0.75	0.83	0.88	0.96	1.13	−16	+ 6	+ 6	−16	+17	+12	+16	−24	−13	−18	0	−0.81
23605	H	05 04 32.97	+58 51 39.6	8.02		H	76.137 373 52	+58.861 000 90	A	7.00	−5.85	−21.09	2.04	1.99	3.01	2.25	2.04	−14	+24	−13	−16	− 5	−18	−18	− 4	−18	−13	0	2.98
23606		05 04 33.79	+23 38 58.3	7.80		H	76.140 800 41	+23.649 531 91		4.75	−5.40	−3.75	0.98	0.65	1.09	1.30	0.72	+27	+ 9	−28	+19	+34	−23	+26	+66	−33	+30	2	1.55
23607		05 04 34.14	+15 24 15.1	4.65	1	H	76.142 243 20	+15.404 180 59		8.15	18.40	−30.99	0.80	0.50	0.97	0.82	0.55	+27	+45	−25	+ 6	+34	−23	+ 6	+54	−35	+55	0	2.19
23608		05 04 34.48	+30 22 49.3	8.19	2	H	76.143 662 55	+30.380 368 15		2.79	24.14	15.66	1.07	0.68	1.20	1.27	0.76	− 8	+29	−23	+ 2	+14	+16	+ 9	+30	−14	+ 6	0	0.98
23609	H	05 04 36.10	+49 43 55.9	8.46		H	76.150 401 74	+49.732 203 60	*	3.80	2.64	−20.67	1.17	0.84	1.30	1.48	0.94	− 4	+28	−20	+20	−20	+ 7	−20	+46	−22	− 3	0	1.43
23610		05 04 36.46	−14 56 50.7	7.32	1	H	76.151 914 44	−14.947 425 79		1.68	6.48	0.84	0.60	0.54	0.88	0.77	0.65	− 2	+27	− 8	+14	−15	− 4	−18	+15	−12	−27	0	1.84
23611		05 04 36.92	+32 19 13.6	6.59		H	76.153 829 30	+32.320 436 76		8.53	−5.40	−68.33	1.09	0.60	1.03	1.43	0.68	+39	+24	+ 4	−33	+ 2	+26	+21	+46	+ 3	+26	0	3.30
23612	H	05 04 37.21	−17 53 06.4	7.80		H	76.155 053 43	−17.885 123 96	*	2.63	−4.33	10.09	0.62	0.61	0.95	0.73	0.76	+ 5	+18	− 7	+ 1	−24	+ 6	−22	+20	−23	−28	1	−0.18
23613		05 04 37.57	+39 58 09.1	8.35		H	76.156 555 27	+39.969 207 82		0.59	5.13	−6.03	1.00	0.58	1.09	1.23	0.65	+17	+31	−11	− 5	−11	+ 4	−17	+52	−23	+25	2	1.50
*23614		05 04 37.95	+27 41 46.0	6.62		H	76.158 112 47	+27.696 123 05		10.57	27.23	−40.61	0.83	0.50	0.88	0.88	0.59	+13	+37	− 5	−20	+ 1	+18	− 6	+ 3	+ 2	+44	0	0.53
*23615		05 04 37.94	−12 55 41.5	7.38		H	76.158 073 68	−12.928 196 65		6.26	−5.59	9.48	0.67	0.59	0.86	0.74	0.73	−19	+21	− 8	+22	−19	+ 4	−19	+10	+10	−29	0	−0.51
23616		05 04 38.22	+12 41 55.3	8.73		H	76.159 234 62	+12.698 680 57		4.10	0.44	−8.16	1.01	0.60	1.23	1.09	0.70	+23	+32	− 7	+16	+14	− 6	+ 2	+49	−25	+33	0	0.76
23617	H	05 04 39.65	+74 04 01.2	6.10		H	76.165 220 92	+74.066 993 80	A	6.07	7.03	−15.94	0.68	0.82	0.70	0.50	0.72	−21	+ 8	− 4	− 4	+ 3	+ 5	+ 5	+ 2	− 8	−21	1	−0.03
23618		05 04 40.70	−17 56 29.2	8.47		H	76.169 569 62	−17.941 446 63		1.39	0.84	7.15	0.75	0.72	1.19	0.93	0.90	+12	+15	−11	+ 2	−26	+10	−28	+ 1	−23	−25	0	−0.23
23619		05 04 40.81	−55 30 04.6	8.41		H	76.170 044 94	−55.501 286 94		1.83	0.10	26.66	0.71	0.75	0.77	0.74	0.82	− 5	+ 4	− 9	−24	+ 3	− 6	+ 4	−19	+21	−16	0	−0.43
23620	H	05 04 41.74	−21 13 15.2	7.58		H	76.173 909 77	−21.220 898 92	*	5.27	9.76	−28.89	0.76	0.67	1.00	0.97	0.92	− 3	+10	+ 2	+21	−28	+ 7	−35	+ 6	− 4	−46	0	2.37
23621		05 04 41.80	+14 51 32.8	6.78		H	76.174 178 39	+14.859 103 67		9.98	2.92	−30.31	0.81	0.53	0.96	0.89	0.58	+23	+31	−29	+15	+29	−20	+ 9	+52	−31	+50	0	1.89
23622		05 04 41.97	+64 07 56.7	8.47		G	76.174 880 02	+64.132 430 33		5.58	−4.93	−26.98	0.58	0.58	0.94	0.66	0.65	+ 4	+13	− 8	+11	+25	− 1	+23	+22	+ 6	+19	0	−1.19
23623		05 04 43.01	−31 44 55.0	8.88		H	76.179 197 40	−31.748 607 19		2.99	−10.69	3.70	0.71	0.96	1.13	0.78	1.18	+ 2	+11	−21	+ 7	− 6	+20	− 2	− 2	− 3	+22	0	−0.95
23624	H	05 04 44.16	+44 57 31.1	9.19		H	76.183 984 13	+44.958 625 58	B	−2.60	−3.63	−2.61	3.33	2.52	3.63	3.54	2.41	+25	+13	−10	+ 5	− 9	−16	− 6	+43	−36	+25	2	2.49
23625		05 04 44.98	−64 32 44.8	7.77		H	76.187 432 97	−64.545 788 50		3.37	−11.67	11.27	0.54	0.58	0.60	0.50	0.80	+ 2	+15	− 7	−28	+15	− 3	+18	− 5	+ 7	+29	0	−0.49
23626		05 04 45.07	−54 56 15.6	8.69		H	76.187 791 62	−54.937 680 24		3.34	3.91	0.99	0.73	0.71	0.78	0.73	0.76	− 7	− 8	+18	−10	−14	−13	−13	− 1	+15	−17	0	−0.98
23627		05 04 47.52	−11 41 54.6	7.20		G	76.198 000 85	−11.698 501 72		23.59	74.83	−217.15	0.66	0.56	0.89	0.74	0.61	−18	+32	−18	+27	−33	+ 3	−30	+ 3	+ 6	−25	0	−3.07
23628		05 04 48.50	−31 35 17.1	9.51		H	76.202 090 27	−31.588 070 26		5.69	−28.59	−76.81	0.79	1.07	1.29	0.89	1.26	−13	+21	−26	+16	−11	+29	− 1	−11	+ 1	+ 5	0	0.34
23629	H	05 04 49.09	+13 18 31.9	7.62		H	76.204 526 74	+13.308 874 01	*	5.35	0.07	−4.10	0.97	0.57	1.12	1.04	0.62	+ 2	+35	−21	−15	+27	− 3	+ 6	+39	−27	+29	0	2.61
23630		05 04 49.36	−44 10 02.3	8.79		H	76.205 655 93	−44.167 292 23		1.77	6.17	7.06	0.70	0.88	0.90	0.94	1.02	− 1	+ 9	+ 8	− 1	− 5	+17	− 6	− 2	− 4	−16	0	−0.36
23631		05 04 49.73	−20 14 45.6	7.19		H	76.207 227 51	−20.245 987 40		10.42	41.41	78.35	0.53	0.56	0.80	0.62	0.67	+ 3	+18	−13	− 2	−31	+10	−25	+21	−14	−33	0	1.01
23632		05 04 50.06	+18 15 14.3	7.64		H	76.208 574 80	+18.253 969 86		8.67	−3.02	−15.69	0.83	0.51	0.94	0.90	0.56	+15	+40	−17	+14	+19	− 9	+ 7	+55	−15	+34	2	−0.32
23633		05 04 50.12	+26 43 15.1	7.51		H	76.208 848 56	+26.720 850 53		6.63	15.33	−31.17	1.03	0.54	1.09	1.34	0.63	+ 1	+20	− 2	−34	+25	+31	+ 3	+36	− 8	+28	0	1.09
23634		05 04 50.35	+26 52 59.9	9.04		H	76.209 803 83	+26.883 302 32		7.61	−16.46	3.39	1.33	0.79	1.43	1.55	0.94	+22	+29	− 7	−16	+21	+11	+ 4	+44	−15	+44	2	0.87
23635		05 04 50.78	−57 40 20.6	8.16		H	76.211 573 01	−57.672 385 65		4.46	7.15	29.55	0.61	0.60	0.67	0.65	0.67	+ 4	+ 6	+ 9	+20	+16	− 8	+22	−12	−13	+22	0	0.41
23636		05 04 50.84	−21 54 16.2	9.95	3	H	76.211 826 88	−21.904 507 85	*	−1.77	8.17	−31.63	0.98	1.15	2.73	1.63	1.74	−18	+12	−15	+ 8	−29	+36	−25	+16	−12	−37	0	1.61
23637		05 04 50.96	−40 06 51.6	9.34		H	76.212 343 63	−40.114 346 17		3.45	10.46	−6.93	0.72	0.88	0.92	0.84	0.98	+ 1	+ 9	− 5	−17	− 7	+16	− 6	−20	+ 5	− 4	3	−1.42
23638		05 04 50.99	−52 10 50.8	7.75		G	76.212 448 09	−52.180 785 65		8.83	−18.51	−45.16	0.58	0.59	0.63	0.64	0.63	− 8	+ 9	− 1	+12	−16	+11	−16	+ 2	−12	−11	1	1.31
23639		05 04 53.01	−39 33 38.8	7.72		H	76.220 869 28	−39.560 768 35		3.63	−10.25	−1.33	0.52	0.58	0.67	0.56	0.71	+ 4	+ 8	−15	−17	− 6	+17	− 5	−13	− 6	+13	0	0.04
23640		05 04 53.25	+80 46 53.3	9.19		H	76.221 880 65	+80.781 459 75		1.18	−5.95	−9.43	0.69	0.92	1.03	0.75	1.09	+21	+28	+14	+ 2	+ 5	+15	+ 0	−10	−12	+20	0	−0.06
23641		05 04 53.49	−69 10 08.0	9.27		H	76.222 877 19	−69.168 883 48		24.02	8.45	−3.85	0.87	1.04	0.95	1.01	1.23	− 3	+20	−13	+ 7	− 6	− 8	− 6	−16	− 3	+ 1	1	−0.99
23642		05 04 53.75	+17 46 58.0	9.21		G	76.223 945 63	+17.782 786 60		4.48	−7.67	−13.35	1.08	0.63	1.21	1.24	0.71	+ 6	+39	−19	− 5	+10	−11	+ 2	+35	− 5	+27	0	−0.03
23643		05 04 54.53	−03 02 22.8	6.04		H	76.227 190 50	−03.039 672 36		1.06	1.61	−0.98	0.67	0.53	0.80	0.82	0.64	+17	+15	−19	+23	+ 9	− 9	+ 5	+33	−12	+30	0	−0.39
23644	H	05 04 54.57	−40 34 14.0	8.36		H	76.227 394 83	−40.570 557 14	A	14.96	2.72	39.35	1.63	1.75	1.61	1.61	1.72	+ 0	+10	−12	− 3	− 9	+ 8	− 4	−23	+14	−11	2	−0.13
23645		05 04 54.92	+23 34 06.7	8.92		H	76.228 846 67	+23.568 523 71		4.24	5.94	−12.02	1.19	0.69	1.32	1.58	0.78	+ 6	+43	−21	+ 1	+24	−20	+ 9	+63	−21	+17	0	2.23
23646		05 04 56.97	−16 00 21.6	9.23		H	76.237 363 72	−16.005 999 76		−0.73	2.36	17.20	0.90	0.84	1.36	1.07	0.96	−21	+24	−23	+17	−27	− 3	−30	+29	−23	−41	3	0.77
23647		05 04 57.61	−72 25 10.3	8.20		H	76.240 022 34	−72.419 525 06		2.80	5.27	11.45	0.60	0.63	0.65	0.65	0.83	−19	+20	−15	−12	+ 8	− 5	+ 9	−16	+ 8	−29	2	0.16
23648		05 04 57.80	+60 10 46.1	7.87		H	76.240 819 55	+60.179 478 52		1.65	2.41	−29.05	0.73	0.67	1.13	0.87	0.78	− 4	+27	−19	− 4	+ 1	−18	− 2	+24	− 3	− 5	0	−0.44
23649		05 04 57.95	−49 34 40.2	5.05		H	76.241 468 91	−49.577 830 14		6.88	68.74	−3.03	0.43	0.46	0.50	0.47	0.54	+ 1	+ 1	+ 4	+ 5	− 5	+ 8	− 5	− 6	−13	+10	0	0.14
23650		05 04 58.64	+41 52 49.7	7.31		H	76.244 320 87	+41.880 477 17		6.22	0.92	−22.02	0.95	0.67	1.08	1.07	0.77	+20	+35	−28	+30	+25	−11	+ 3	+71	−37	+45	0	−0.12
23651		05 04 58.73	+15 58 16.2	9.32		H	76.244 715 92	+15.971 176 50		6.29	−5.09	0.25	1.45	0.84	1.87	1.68	0.93	+ 0	+52	−37	− 5	+37	−35	+ 0	+56	−35	+42	0	0.74
23652		05 04 59.80	−08 33 27.6	8.45		H	76.249 150 32	−08.557 666 53		3.59	−2.51	−0.10	0.85	0.66	1.02	0.90	0.79	−26	+32	−10	+37	−40	− 3	−43	+27	− 6	−31	0	0.95
23653		05 05 00.61	−54 24 26.7	6.26	2	H	76.252 524 82	−54.407 416 79		4.66	−0.01	6.54	0.52	0.54	0.57	0.53	0.56	− 4	−12	+29	+10	−27	−12	−27	+ 8	+ 9	−13	1	−0.49
23654		05 05 01.03	+02 38 43.7	8.64		H	76.254 286 80	+02.645 476 10		4.38	2.39	−2.67	1.19	0.74	1.43	1.36	0.86	+ 1	+39	−15	+30	+ 5	+ 4	− 5	+40	−25	+11	0	0.91
23655		05 05 02.27	+43 18 47.9	9.51		H	76.259 466 15	+43.313 319 29		16.10	−79.48	−207.02	1.81	1.16	1.86	2.05	1.31	+ 8	+55	− 1	+32	−11	+12	−13	+66	−12	+14	0	−0.56
23656		05 05 02.79	+22 16 33.6	10.69		H	76.261 634 06	+22.275 997 14		3.44	38.51	15.75	2.49	1.07	2.37	2.52	1.12	−19	+41	+ 0	−43	+33	− 4	+ 8	+38	−20	+ 0	5	0.31
23657		05 05 03.50	+41 17 19.1	8.83	3	H	76.264 582 37	+41.288 646 10		0.02	−2.30	−2.09	1.08	0.69	1.21	1.14	0.75	+18	+35	− 6	+18	+ 4	− 2	− 6	+57	−23	+27	2	1.45
23658		05 05 04.00	+58 19 11.9	9.86		H	76.266 650 69	+58.319 964 67		5.58	15.16	−38.79	0.90	0.86	1.50	1.18	1.06	− 5	+17	− 6	+ 3	− 9	−20	−10	+17	+ 6	+ 0	0	0.25
23659		05 05 04.16	−01 18 40.8	9.09		H	76.267 321 93	−01.311 344 95		3.73	1.63	−2.31	1.17	0.80	1.38	1.37	0.96	+ 6	+34	−24	+18	−12	+ 3	−10	+10	+ 1	+26	2	−1.63
23660		05 05 06.11	−60 08 11.9	10.04		H	76.275 479 14	−60.136 627 29		1.11	8.61	−0.33	0.95	0.99	1.03	1.19	1.25	+ 4	+ 7	−33	−14	−16	+13	−12	−18	+12	+ 1	0	−0.26
23661		05 05 06.32	−03 40 12.4	8.41		H	76.276 339 33	−03.670 120 06		3.96	9.79	−13.54	0.91	0.71	1.08	1.12	0.86	+14	+ 9	−21	+44	+16	−25	+10	+46	−18	+32	0	−1.65
23662		05 05 06.50	+06 07 48.9	7.69		H	76.277 099 95	+06.130 237 79	+	16.69	49.05	−4.87	0.96	0.58	1.12	1.07	0.99	+ 8	+45	− 9	+21	+ 0	+11	−13	+11	−12	− 9	0	0.49
23663		05 05 06.65	−68 05 11.2	7.86		G	76.277 713 67	−68.086 442 23		2.02	6.68	3.93	0.54	0.62	0.60	0.58	0.78	−10	+10	+ 4	−14	− 2	+15	− 3	− 8	− 4	−24	0	−0.70
23664		05 05 07.19	+39 16 43.9	8.93		H	76.279 947 08	+39.278 871 98		4.74	−2.39	−3.45	1.19	0.63	1.27	1.33	0.68	− 2	+26	−14	+34	−15	− 1	−19	+61	−31	− 4	0	0.43
23665		05 05 12.22	−66 44 12.6	10.30		G	76.300 908 12	−66.736 825 41		2.56	0.38	1.41	1.04	1.14	1.10	1.25	1.64	−16	+ 8	+ 5	−12	+12	− 2	+14	−13	+ 2	−23	3	−1.22
23666		05 05 13.05	+08 56 31.7	7.45		H	76.304 368 86	+08.942 149 60		3.63	0.01	−5.23	0.84	0.51	0.99	0.97	0.59	+18	+39	− 4	+18	+10	−15	+ 0	+41	−22	+24	0	−1.25
23667		05 05 14.75	−31 11 50.0	8.77		H	76.311 474 94	−31.197 220 20		3.44	5.76	7.11	0.65	0.82	1.00	0.75	0.96	−13	+19	−25	+ 4	−10	+19	− 6	−13	+ 0	−13	0	0.98
23668		05 05 16.19	−26 09 08.1	5.71		H	76.317 454 62	−26.152 239 83		13.58	10.48	−62.10	0.36	0.47	0.64	0.42	0.59	− 4	+11	− 6	−28	− 7	+ 7	− 7	+ 6	−12	− 9	0	1.29
23669		05 05 16.56	+15 14 23.7	7.69		H	76.319 010 24	+15.239 913 72		1.81	10.25	−5.79	0.97	0.64	1.17	1.04	0.71	+23	+40	−30	+ 9	+39	−22	+12	+59	−33	+54	0	2.00
23670		05 05 16.95	−25 30 25.8	8.27		H	76.320 642 53	−25.507 163 90		2.16	48.67	−1.56	0.49	0.75	1.00	0.59	0.94	−12	+ 6	−21	−21	− 3	+ 6	− 3	+14	− 8	−11	0	−1.07
23671		05 05 17.30	−21 15 30.4	7.83		H	76.322 101 62	−21.258 449 55		2.50	−5.04	−16.13	0.74	0.69	1.01	0.92	0.93	− 9	+ 9	+ 7	+28	−30	+ 0	−39	+ 8	+ 1	−48	0	0.02
23672		05 05 18.87	−56 46 53.4	8.06		G	76.328 627 53	−56.781 496 86		8.43	−11.31	−8.78	0.64	0.69	0.69	0.88	0.97	−14	+ 5	− 4	− 9	+ 5	−11	+ 4	+16	+ 2	−10	0	0.45
23673		05 05 20.12	+07 33 45.0	7.59		G	76.333 830 09	+07.562 502 12		3.73	1.75	−3.16	0.81	0.52	0.93	1.12	0.65	+17	+17	− 6	+19	+14	+ 6	+ 9	+30	−27	+ 4	0	0.24
23674		05 05 20.24	+13 00 03.7	8.70		H	76.334 340 59	+13.001 034 71		5.52	−2.03	−5.02	1.18	0.64	1.39	1.16	0.68	+ 1	+47	−11	− 9	+23	−12	+ 1	+37	−28	+24	0	−1.30
23675		05 05 21.66	+34 16 16.7	8.43		G	76.340 260 63	+34.271 294 94		8.09	22.26	−34.08	1.16	0.80	1.26	1.34	0.92	+ 6	+40	−22	+18	+24	− 5	+ 3	+73	−28	+27	0	0.38
23676		05 05 21.97	−44 57 47.3	9.28		H	76.341 534 60	−44.963 145 71		8.64	58.88	−44.44	0.88	0.94	1.01	1.19	1.22	−25	+ 4	+ 3	−13	+14	+16	+12	−26	−12	−34	0	−1.70
23677		05 05 22.39	+62 08 52.8	8.88		H	76.343 289 94	+62.148 006 60		1.24	0.38	−3.36	0.75	0.60	1.04	0.84	0.67	−13	+ 6	− 8	−30	+40	− 8	+34	+16	−17	− 2	2	−0.49
23678		05 05 22.95	−51 26 02.0	8.67		G	76.345 613 88	−51.433 900 63		12.85	−42.94	145.32	0.60	0.65	0.68	0.68	0.77	−14	− 1	+10	+ 6	−10	+ 1	−10	+ 1	−12	−11	0	0.72
23679		05 05 23.50	−57 11 42.0	7.63	2	H	76.347 916 12	−57.194 991 14		1.23	10.32	−15.76	0.60	0.64	0.67	0.73	0.75	− 7	+ 7	+ 6	+16	+ 3	+ 4	+ 3	+ 5	− 3	− 4	0	−2.05
23680		05 05 23.71	+01 10 39.5	6.10	2	H	76.348 809 92	+01.177 635 81	*	4.66	3.88	−3.81	1.07	0.82	1.44	2.33	1.18	−16	+44	−56	−49	+47	−52	+13	− 1	−18	+12	5	0.78
23681		05 05 24.39	+04 34 54.1	8.54		H	76.351 642 95	+04.581 701 32		0.61	7.05	1.42	0.96	0.64	1.06	1.29	0.78	+30	+30	−14	+ 0	+13	−20	+ 3	+25	−25	+31	0	1.03
23682		05 05 25.37	+45 03 29.5	8.27		H	76.355 691 17	+45.058 180 74		2.68	1.51	−1.53	0.94	0.66	1.18	1.14	0.75	+21	+26	− 6	+20	+ 6	−31	− 3	+49	−33	+35	0	0.25
23683		05 05 26.36	+07 57 00.1	8.10		H	76.359 814 06	+07.950 035 76		4.40	4.08	−4.82	0.98	0.59	1.17	1.36	0.72	+ 7	+17	− 8	+22	+ 6	+13	+ 1	+33	−31	− 6	0	−0.57
23684	H	05 05 27.29	+46 54 59.0	6.60		G	76.363 712 78	+46.916 388 27	A	4.64	−4.36	−3.99	2.32	1.38	0.94	1.35	0.88	+44	+23	− 4	− 1	− 4	− 1	− 5	+16	−13	−23	1	0.75
23685		05 05 27.65	−22 22 15.1	3.19	1	H	76.365 217 05	−22.370 856 73		14.39	19.27	−72.35	0.45	0.46	0.68	0.66	0.63	−19	+16	− 4	+20	−21	+12	−21	+16	−14	−30	0	0.69
23686	H	05 05 27.84	−33 48 44.7	9.71		H	76.366 019 30	−33.812 428 64	A	21.18	21.72	−125.54	1.28	1.59	1.66	1.25	1.66	−12	+24	−22	+20	−26	+22	−23	−12	+ 2	− 8	0	0.01
23687		05 05 28.17	−23 38 53.1	8.29		H	76.367 390 53	−23.648 088 06		1.12	−7.88	−10.06	0.65	0.82	1.15	0.84	1.17	+ 2	− 5	−17	−33	+ 1	+12	− 3	+15	−23	+14	0	0.43
23688		05 05 28.47	+40 15 27.0	9.65		G	76.368 633 04	+40.257 496 96		8.32	308.31	−71.10	1.37	0.84	1.52	1.80	0.93	+19	+21	−14	− 9	− 8	+10	−10	+47	−18	+26	0	−0.30
23689		05 05 29.06	−09 49 35.7	8.32		H	76.371 086 38	−09.826 580 00		2.84	−3.86	11.35	0.93	0.69	1.11	1.03	0.74	−34	+25	−11	+46	−45	+ 0	−48	+15	− 8	−44	2	0.13
23690		05 05 29.61	−42 07 27.9	8.98		H	76.373 371 79	−42.124 415 87		2.86	11.12	−9.72	0.66	0.84	0.84	0.69	0.93	−11	+ 2	− 2	− 7	+ 3	+12	+ 4	−22	− 2	− 1	0	0.58
23691		05 05 29.73	−47 53 22.8	11.00		H	76.373 870 86	−47.889 655 99		2.69	63.09	−135.11	1.13	1.16	1.28	1.36	1.48	+ 2	+17	+ 9	+17	−13	+ 8	−13	−11	−15	+12	1	−0.54
23692		05 05 30.61	+52 49 52.7	11.86		H	76.377 523 62	+52.831 316 30		14.53	6.46	−90.70	2.70	1.97	3.09	2.98	2.25	+27	+31	+ 2	−10	−18	−10	−24	− 8	−24	+34	0	−0.58
23693		05 05 30.69	−57 28 22.8	4.71		G	76.377 876 52	−57.472 989 28		85.83	−31.87	117.42	0.42	0.43	0.46	0.46	0.48	− 5	+ 7	+ 9	+15	+ 3	+ 3	+ 2	− 1	−12	− 4	0	0.94
23694		05 05 30.75	+52 48 37.4	10.02		H	76.378 137 86	+52.810 385 75		21.85	14.06	−93.63	1.80	1.30	2.06	2.05	1.49	+30	+31	+ 2	−20	−19	− 3	−25	−10	−26	+37	0	0.88
23695	H	05 05 32.11	+19 48 24.3	6.48		G	76.383 777 76	+19.806 753 25	A	7.03	−10.61	−12.36	1.37	0.85	1.22	1.36	0.72	+ 0	+29	−16	+ 5	+24	−14	+ 8	+56	−17	+ 7	1	0.09
23696		05 05 32.27	−52 52 07.1	10.54		H	76.384 446 38	−52.868 644 17		3.03	2.06	−14.52	1.10	1.19	1.22	1.43	1.47	−16	+ 1	+11	− 9	+ 2	+ 5	+ 2	−13	− 1	−24	0	0.22
23697		05 05 33.82	−23 17 44.6	8.57		H	76.390 925 94	−23.295 734 06		3.07	24.31	1.28	0.66	0.82	1.16	0.80	1.13	− 3	− 5	−17	−49	+11	+ 8	+ 8	+29	−31	+ 4	0	0.18
23698		05 05 34.49	−21 25 13.4	8.40		G	76.393 696 61	−21.420 381 05		1.49	6.24	3.56	0.78	0.87	1.27	1.10	1.22	−15	+ 7	+ 1	+19	−33	− 3	−36	+10	+ 4	−50	0	0.69
23699	H	05 05 37.72	+23 03 39.8	6.69	2	H	76.407 156 09	+23.061 069 03	A	4.02	−1.12	−7.98	1.39	0.93	1.21	1.44	0.70	−17	+12	+ 3	+11	− 7	− 9	− 4	+41	−20	−18	4	0.59
23700		05 05 38.60	+01 27 30.9	9.53		H	76.410 851 67	+01.458 596 19		2.67	2.51	−3.47	1.35	1.00	1.71	1.66	1.20	+13	+24	−30	− 5	+21	− 3	+12	+21	−22	+34	2	1.87

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
23601	8.450	0.015	7.288	0.009		0.997	0.014	T	0.98	0.01	L	7.3164	0.0012	0.009	66		7.30	7.33		C			1							S
23602	10.956	0.060	10.553	0.064		0.381	0.081	T	0.45	0.09	L	10.6959	0.0936	0.523	73		10.12	11.33		U 2 C			1 V							G
23603	7.573	0.008	7.637	0.012		−0.051	0.004	G	−0.03	0.00	H	7.6270	0.0017	0.010	65		7.61	7.64		C			1							S
23604	10.391	0.036	8.998	0.019		1.178	0.032	T	1.14	0.03	L	9.0463	0.0016	0.016	95		9.02	9.07		C			1							
23605	9.222	0.024	8.087	0.015	*	0.737	0.126	G	0.78	0.09	R *	8.1606	0.0015	0.015	118	–	8.14	8.19		D	05046+5852	I 1	3 C A							S G
23606	9.278	0.020	7.967	0.012		1.114	0.018	T	1.08	0.02	L	7.9681	0.0011	0.010	89		7.95	7.99		C	05046+2339	I 1	1							
23607	4.599	0.003	4.658	0.003		−0.064	0.001	G	0.02	0.03	C	4.6541	0.0021	0.013	82		4.64	4.67	4.64	P 1 A			1							S P
23608	10.729	0.058	8.479	0.016		1.874	0.009	G	1.86	0.01	J	8.2831	0.0045	0.029	67		8.24	8.35		U 2			1 S							
23609	9.315	0.021	8.572	0.017	*	0.680	0.021	T	0.74	0.02	L *	8.5957	0.0021	0.013	68	*	8.57	8.62		D	05046+4944	H 1	2 C S A	AB	186	0.156	0.005	0.09	0.27	
23610	9.475	0.016	7.513	0.007		1.627	0.014	T	1.65	0.01	L	7.4338	0.0017	0.015	121		7.41	7.46		M			1							S
23611	6.929	0.007	6.623	0.007		0.277	0.011	G	0.32	0.03	C	6.6676	0.0007	0.005	61		6.66	6.68		C			1 G							S
23612	8.027	0.008	7.821	0.009	*	0.190	0.012	T	0.21	0.01	L *	7.8615	0.0015	0.014	134	*	7.83	7.88		C	05046−1753	H 1	2 C S B	AB	343	0.127	0.028	1.31	0.96	S
23613	8.434	0.010	8.346	0.012		0.086	0.015	T	0.10	0.02	L	8.3857	0.0016	0.012	108		8.37	8.41					1							
23614	6.905	0.007	6.643	0.006		0.238	0.006	G	0.27	0.01	H	6.6940	0.0013	0.007	75		6.68	6.71		C			1							S
23615	7.675	0.007	7.404	0.007		0.258	0.009	T	0.29	0.01	L	7.4511	0.0017	0.014	87		7.43	7.48					1							S
23616	8.789	0.012	8.720	0.014		0.040	0.015	G	0.06	0.01	L	8.7553	0.0019	0.014	98		8.73	8.78		C			1							
23617	6.117	0.003	6.098	0.003	*	0.018	0.004	T	0.04	0.00	L *	6.1105	0.0005	0.007	176	*	6.10	6.12		D	05047+7404	I 1	2 C A	AB	300	0.439	0.002	1.19	0.01	S
23618	10.161	0.024	8.626	0.012		1.289	0.021	T	1.25	0.02	L	8.6252	0.0017	0.023	139		8.59	8.66					1							
23619	10.368	0.029	8.575	0.012		1.493	0.025	T	1.52	0.04	L	8.5417	0.0016	0.016	108		8.51	8.57					1							
23620	8.947	0.012	7.690	0.008	*	1.071	0.011	T	1.04	0.01	L *	7.7452	0.0018	0.012	107	*	7.72	7.77		D	05047−2113	H 1	2 C S A	AB	303	0.193	0.015	1.43	0.26	S
23621	6.953	0.005	6.800	0.006		0.139	0.007	T	0.15	0.01	L	6.8353	0.0007	0.007	82		6.83	6.85		C			1							S
23622	8.783	0.009	8.476	0.009		0.290	0.015	G	0.33	0.02	H	8.5322	0.0016	0.017	178		8.50	8.57					1							
23623	10.104	0.024	8.979	0.015		0.969	0.022	T	0.95	0.02	L	9.0412	0.0020	0.023	131		9.00	9.08					1							
23624	9.638	0.027	9.361	0.032	–	0.370	0.400	G	0.24	0.09	L	9.2533	0.0023	0.014	64	–	9.22	9.30		D	05047+4458	I 1	4 C C							G
23625	9.062	0.013	7.888	0.009		1.007	0.012	T	0.98	0.01	L	7.9392	0.0012	0.013	104		7.92	7.96					1							S
23626	10.325	0.031	8.842	0.015		1.249	0.027	T	1.21	0.03	L	8.8511	0.0018	0.019	105		8.81	8.88		C			1							
23627	7.943	0.007	7.271	0.007		0.618	0.008	G	0.69	0.01	H	7.3296	0.0013	0.009	104		7.31	7.35					1							S
23628	10.552	0.033	9.590	0.022		0.833	0.031	T	0.85	0.02	L	9.6517	0.0027	0.028	132		9.62	9.70					1							
23629	7.641	0.009	7.616	0.008	*	0.028	0.011	T	0.04	0.01	L *	7.6374	0.0014	0.009	74	*	7.62	7.65		C	05048+1319	M 1	2 C S A	BA	183	0.196	0.004	1.11	0.11	S
23630	10.090	0.026	8.921	0.017		1.003	0.024	T	0.98	0.02	L	8.9539	0.0023	0.022	107		8.92	8.99					1							
23631	8.326	0.008	7.296	0.006		0.897	0.007	T	0.90	0.01	L	7.3482	0.0008	0.009	133		7.33	7.37		C			1							S
23632	7.853	0.008	7.665	0.009		0.180	0.011	T	0.20	0.01	L	7.7056	0.0011	0.009	95		7.69	7.72		C			1							S
23633	7.744	0.013	7.531	0.014		0.203	0.018	T	0.22	0.02	L	7.5741	0.0013	0.007	69		7.56	7.59		C			1							S
23634	9.553	0.029	9.121	0.029		0.408	0.038	T	0.47	0.04	L	9.1352	0.0026	0.020	63		9.11	9.17		C			1							
23635	8.228	0.015	8.141	0.018		0.078	0.021	T	0.09	0.02	L	8.1959	0.0020	0.014	94		8.18	8.22					1							S
23636	11.287	0.078	10.051	0.040		1.064	0.072	T	3.31	0.17	O	9.7281	0.0192	0.982	148		7.86	10.52	370.00	P 1 B			1 V							G P
23637	10.803	0.037	9.457	0.019		1.141	0.033	T	1.10	0.03	L	9.5016	0.0022	0.018	124		9.47	9.53					1							
23638	8.344	0.009	7.801	0.010		0.513	0.015	G	0.59	0.02	H	7.8602	0.0011	0.011	114		7.84	7.88					1							S
23639	9.201	0.015	7.871	0.009		1.129	0.014	T	1.09	0.01	L	7.8884	0.0013	0.013	119		7.87	7.91					1							S
23640	9.250	0.014	9.206	0.017		0.076	0.015	G	0.09	0.02	H	9.2244	0.0021	0.021	131		9.18	9.27					1							
23641	10.247	0.035	9.344	0.025		0.787	0.033	T	0.82	0.02	L	9.4082	0.0027	0.020	87		9.37	9.43					1 G							
23642	9.745	0.023	9.248	0.023		0.420	0.020	G	0.49	0.02	H	9.3101	0.0018	0.016	86		9.28	9.34		C			1							
23643	5.880	0.004	6.017	0.004		−0.117	0.003	G	−0.10	0.00	H	6.0065	0.0007	0.006	70		5.99	6.02					1							S
23644	9.408	0.015	8.625	0.012	*	0.695	0.014	T	0.75	0.01	L *	8.4966	0.0014	0.013	114	*	8.47	8.52		D	05049−4034	I 1	2 C A	AB	237	1.053	0.004	0.44	0.02	S
23645	9.598	0.023	9.002	0.021		0.556	0.027	T	0.63	0.03	L	9.0382	0.0014	0.013	89		9.02	9.06		C			1							G
23646	10.891	0.042	9.387	0.019		1.265	0.036	T	1.22	0.04	L	9.3863	0.0024	0.021	116		9.34	9.45					1							
23647	9.559	0.017	8.324	0.011		1.054	0.016	T	1.02	0.01	L	8.3659	0.0016	0.015	110		8.35	8.39					1							
23648	9.172	0.017	7.980	0.012		1.021	0.016	T	0.99	0.01	L	8.0329	0.0015	0.015	109		8.01	8.06		C			1							
23649	7.033	0.006	5.218	0.003		1.484	0.052	G	1.59	0.02	A	5.1708	0.0009	0.007	96		5.16	5.19					1							S
23650	7.494	0.008	7.336	0.008		0.144	0.011	T	0.16	0.01	L	7.3589	0.0015	0.010	89		7.34	7.38					1							S
23651	9.822	0.032	9.376	0.033		0.434	0.037	T	0.50	0.04	L	9.4204	0.0022	0.015	62		9.39	9.46		C			1							
23652	8.479	0.010	8.454	0.013		0.028	0.015	T	0.04	0.01	L	8.4681	0.0016	0.014	111		8.44	8.50		C			1							
23653	8.276	0.010	6.446	0.005		1.554	0.009	T	1.91	0.04	O	6.3452	0.0020	0.017	89		6.32	6.38		U 2			1							S
23654	8.662	0.012	8.629	0.015		0.035	0.018	T	0.05	0.01	L	8.6605	0.0015	0.017	67		8.64	8.69		C			1							
23655	10.330	0.040	9.567	0.033		0.610	0.040	G	0.68	0.04	R	9.6348	0.0022	0.015	64		9.60	9.66		C			1							G
23656	11.593	0.106	10.780	0.084		0.734	0.103	T	0.78	0.07	L	10.8307	0.0037	0.034	90		10.78	10.87		C			1							G
23657	8.825	0.021	8.851	0.027		−0.022	0.030	T	0.00	0.03	L	8.8347	0.0125	0.137	93		8.76	9.23	1.58	P 1 A			1							
23658	10.439	0.034	9.978	0.035		0.435	0.045	T	0.50	0.05	L	9.9551	0.0023	0.025	128		9.91	10.00		C			1							G
23659	9.101	0.015	9.090	0.020		0.015	0.023	T	0.03	0.02	L	9.1054	0.0023	0.016	73		9.07	9.13		C			1							
23660	10.048	0.025	10.021	0.035		0.025	0.038	T	0.04	0.03	L	10.0548	0.0029	0.022	93		10.02	10.09		C			1							
23661	8.608	0.013	8.430	0.014		0.163	0.018	T	0.18	0.02	L	8.4638	0.0019	0.014	74		8.45	8.48		C			1							
23662	8.297	0.012	7.754	0.011		0.509	0.015	T	0.58	0.02	L	7.8030	0.0011	0.010	78		7.79	7.82					1 O							S
23663	7.809	0.006	7.850	0.009		−0.029	0.004	G	−0.01	0.02	A	7.8459	0.0013	0.010	112		7.83	7.86		C			1							S
23664	9.182	0.015	8.959	0.017		0.210	0.015	G	0.23	0.02	H	8.9899	0.0013	0.011	105		8.97	9.01					1							
23665	10.467	0.037	10.347	0.051		0.105	0.029	G	0.12	0.03	H	10.3538	0.0045	0.039	97		10.27	10.42					1							G
23666	7.415	0.008	7.440	0.011		−0.029	0.001	G	−0.01	0.00	H	7.4461	0.0015	0.010	72		7.43	7.47		C			1							S
23667	9.013	0.012	8.792	0.013		0.211	0.017	T	0.23	0.02	L	8.8387	0.0018	0.022	133		8.81	8.88					1							
23668	7.219	0.004	5.837	0.003		1.166	0.002	G	1.15	0.04	E	5.8714	0.0004	0.007	183		5.86	5.88					1							S
23669	7.943	0.007	7.723	0.009		0.204	0.011	T	0.22	0.01	L	7.7569	0.0011	0.010	77		7.74	7.77		C			1							S
23670	9.578	0.013	8.383	0.008		1.023	0.012	T	1.00	0.01	L	8.4337	0.0013	0.017	203		8.41	8.46		C			1							S
23671	7.835	0.008	7.815	0.010		0.019	0.011	T	0.04	0.01	L	7.8398	0.0020	0.017	111		7.81	7.87					1							S
23672	8.497	0.010	8.108	0.010		0.368	0.013	T	0.43	0.01	L	8.1469	0.0012	0.013	100		8.13	8.17					1							S
23673	7.499	0.008	7.576	0.010		−0.050	0.000	G	−0.03	0.00	H	7.5776	0.0011	0.009	68		7.57	7.59		C			1							S
23674	8.973	0.016	8.702	0.018		0.258	0.023	T	0.29	0.03	L	8.7681	0.0016	0.013	81		8.74	8.79					1							S
23675	8.825	0.013	8.479	0.014		0.340	0.015	G	0.40	0.02	H	8.5140	0.0019	0.011	82		8.50	8.54		C			1							
23676	10.281	0.032	9.370	0.023		0.793	0.030	T	0.82	0.02	L	9.4257	0.0020	0.021	95		9.39	9.47		C			1							
23677	9.027	0.011	8.893	0.013		0.129	0.016	T	0.14	0.02	L	8.9301	0.0014	0.019	174		8.89	8.96					1							
23678	9.451	0.016	8.732	0.013		0.640	0.015	G	0.70	0.01	H	8.8156	0.0016	0.013	112		8.79	8.84		C			1							
23679	9.774	0.028	7.829	0.012		1.649	0.025	T	2.03	0.07	O	7.7081	0.0030	0.024	92		7.67	7.74		U 2			1							S
23680	10.572	0.046	6.268	0.005		3.332	0.034	T	3.43	0.04	L	5.8483	0.0253	0.243	61		5.61	6.19		U 2 B			1 V							S P
23681	8.544	0.013	8.539	0.017		0.009	0.020	T	0.03	0.02	L	8.5552	0.0010	0.009	56		8.54	8.57		D			1							
23682	8.453	0.014	8.298	0.016		0.193	0.005	G	0.21	0.01	H	8.3281	0.0021	0.010	64		8.31	8.35					1							
23683	9.404	0.022	8.239	0.014		1.000	0.020	T	0.98	0.02	L	8.2667	0.0021	0.011	65		8.25	8.29		C			1							
23684	7.660	0.010	6.692	0.006	*	0.888	0.007	G	0.89	0.01	H *	6.7310	0.0007	0.006	75	*	6.72	6.74		D	05055+4655	I 1	2 C A	AB	60	0.313	0.004	0.51	0.04	S
23685	5.116	0.003	3.351	0.002		1.460	0.043	G	1.50	0.02	A	3.3215	0.0006	0.006	137		3.31	3.33		M			1							S
23686	10.913	0.044	9.815	0.028	A	0.991	0.150	G	1.04	0.17	I *	9.8521	0.0027	0.024	131	*	9.80	9.89			05055−3349	M 1	2 C D	AB	261	8.911	0.056	3.57	0.25	D
23687	9.995	0.020	8.435	0.011		1.309	0.018	T	1.27	0.02	L	8.4499	0.0022	0.021	138		8.42	8.49					1							
23688	10.173	0.029	9.724	0.030		0.441	0.028	G	0.51	0.03	H	9.7508	0.0024	0.019	91		9.72	9.78		C			1							G
23689	8.461	0.010	8.330	0.011		0.126	0.014	T	0.14	0.01	L	8.3655	0.0013	0.014	92		8.34	8.39					1							S
23690	10.291	0.029	9.081	0.017		1.035	0.026	T	1.01	0.02	L	9.1464	0.0016	0.018	105		9.12	9.17		C			1							
23691	11.048	0.053	11.034	0.087		0.110	0.015	G	0.12	0.01	H	11.0443	0.0036	0.038	101		10.98	11.11		C			1							G
23692	11.370	0.113	11.579	0.225		−0.340	0.040	G	−0.37	0.05	R	11.7228	0.0082	0.063	69		11.58	11.87					1							D
23693	5.326	0.003	4.770	0.002		0.526	0.011	G	0.60	0.00	A	4.8191	0.0008	0.007	88		4.81	4.83					1							S
23694	11.389	0.100	10.123	0.054		1.040	0.020	G	1.01	0.02	R	10.1896	0.0057	0.032	69		10.13	10.25					1							G
23695	6.812	0.007	6.571	0.008	*	0.219	0.003	G	0.19	0.03	C *	6.5641	0.0006	0.006	101	*	6.55	6.57		D	05055+1948	I 1	2 C A	AB	302	0.935	0.002	0.42	0.01	S
23696	11.178	0.055	10.527	0.052		0.604	0.064	T	0.67	0.06	L	10.6698	0.0038	0.032	103		10.61	10.72		C			1							G
23697	9.174	0.012	8.624	0.011		0.520	0.015	G	0.59	0.02	H	8.6808	0.0016	0.018	157		8.65	8.72		C			1							
23698	10.009	0.020	8.517	0.010		1.254	0.003	G	1.21	0.02	A	8.5688	0.0016	0.018	136		8.54	8.61					1							
23699	6.800	0.005	6.718	0.005	*	0.081	0.007	T	0.09	0.01	L *	6.7265	0.0014	0.020	108	*	6.71	6.81		U 2 C	05056+2304	I 1	2 C A	AB	152	0.355	0.003	1.48	0.02	S
23700	10.538	0.046	9.587	0.033		0.838	0.042	T	0.86	0.03	L	9.6896	0.0029	0.019	64		9.65	9.72					1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
23701		05 05 40.34	+06 27 54.6	9.86	2	H	76.418 069 30	+06.465 167 04		13.78	66.03	4.23	1.99	1.01	2.08	2.12	1.14	+7	+54	+0	+23	+18	+4	+1	+34	−18	+5	5	3.52
23702		05 05 41.22	+15 05 59.5	10.78		H	76.421 757 87	+15.099 857 99		4.58	−2.83	−21.50	2.16	1.47	2.64	2.37	1.62	+11	+34	−37	+4	+43	−26	+13	+60	−39	+48	0	−1.11
23703		05 05 42.19	+30 40 09.8	9.38		H	76.425 791 65	+30.669 384 90		7.23	−11.42	−27.66	1.29	0.77	1.33	1.47	0.83	−9	+29	−13	+13	+9	+8	−1	+57	−14	+7	0	−1.52
23704		05 05 43.03	−09 25 49.7	8.24		H	76.429 275 95	−09.430 468 76		10.28	12.62	2.57	1.22	0.83	1.26	1.33	1.02	−57	+42	−20	+60	−57	+5	−60	+49	−26	−56	0	0.46
23705		05 05 44.64	−32 35 55.8	8.90		H	76.436 004 88	−32.598 828 52		2.52	−0.77	0.74	0.70	0.88	1.08	0.77	1.17	+9	+5	−25	−4	−1	+5	+0	+3	−1	+21	0	−0.60
23706		05 05 46.82	−06 48 06.6	8.17		H	76.445 095 08	−06.801 827 39		1.65	10.91	17.66	0.92	0.67	1.19	1.20	0.86	−13	+22	−10	−2	−23	+4	−22	+14	−17	−30	0	1.88
*23707		05 05 47.46	+17 22 51.7	9.06		H	76.447 737 20	+17.381 026 94		5.02	−7.95	−68.22	1.36	0.85	1.66	1.56	0.91	+17	+33	−36	+18	+31	−24	+8	+59	−35	+44	0	−0.82
*23708		05 05 47.41	−57 33 14.8	8.98		G	76.447 532 16	−57.554 122 56		86.76	−32.02	118.83	0.78	0.86	0.89	0.89	0.98	+0	+8	+6	+21	+9	−7	+11	−3	−5	+8	0	0.61
23709		05 05 49.22	+35 50 45.9	7.31		H	76.455 082 56	+35.846 076 10		16.80	25.76	−9.23	0.82	0.58	0.88	0.88	0.66	+26	+35	−12	+15	+41	−7	+18	+69	−22	+54	0	1.71
23710		05 05 49.35	+13 17 10.7	7.86		H	76.455 631 54	+13.286 308 33		13.18	55.60	−103.29	1.03	0.56	1.23	1.05	0.59	−5	+47	−21	+2	+17	−9	−6	+47	−30	+22	0	0.99
23711		05 05 50.17	−27 31 20.9	9.51		H	76.459 060 28	−27.522 471 58		5.29	21.50	6.76	0.74	1.05	1.36	0.94	1.40	−6	−2	−15	+9	+0	−6	−1	+31	−2	−4	1	0.97
23712		05 05 53.41	+26 25 47.8	6.60		H	76.472 557 38	+26.429 957 56		4.49	−0.43	−10.23	0.89	0.52	1.00	1.06	0.61	+14	+25	−3	−19	+35	+21	+15	+53	−27	+26	2	0.28
23713		05 05 53.86	−44 46 43.9	7.55		H	76.474 404 33	−44.778 858 61		3.56	−2.32	−4.46	0.56	0.60	0.66	0.77	0.78	−13	+12	−6	+8	+4	+5	+2	−8	−7	−22	0	−1.22
23714		05 05 54.61	+01 51 08.0	8.16		H	76.477 533 64	+01.852 216 14		5.10	−1.26	1.20	0.90	0.64	1.12	1.13	0.78	+22	+17	−25	+3	+14	+10	+11	+30	−21	+29	2	0.30
23715		05 05 54.82	+50 02 45.8	7.32		H	76.478 431 28	+50.046 056 22		1.40	2.72	−14.14	0.80	0.62	0.90	0.99	0.71	+13	+20	−15	+26	+0	−7	−3	+47	−23	+11	2	−0.33
23716	H	05 05 55.18	−13 54 49.9	7.87		H	76.479 926 42	−13.913 874 90	A	21.24	87.61	51.84	1.19	1.17	1.45	1.05	1.01	+19	+16	−21	−1	−15	+8	−11	−6	+11	+5	1	−0.31
*23717		05 05 55.56	−48 40 41.0	8.26	2	H	76.481 485 99	−48.678 061 63		2.10	6.36	12.74	0.67	0.73	0.76	0.70	0.81	+2	+16	+3	+21	−9	+8	−12	+23	−15	+0	1	−0.33
*23718		05 05 55.51	−67 53 10.9	9.13	2	G	76.481 286 11	−67.886 370 29		−1.02	1.04	0.47	0.78	0.85	0.84	0.79	1.06	−7	+15	+2	−21	+0	+10	+0	−15	−4	−19	0	−0.80
*23719		05 05 57.49	−73 35 40.0	8.25		G	76.489 531 69	−73.594 444 01		15.73	−27.97	149.54	0.59	0.69	0.68	0.57	0.76	−13	+15	−11	−15	−2	+22	+0	−8	−1	−14	0	−0.90
*23720		05 05 57.45	−33 06 46.1	9.02		H	76.489 393 78	−33.112 801 52		1.64	0.65	0.08	0.74	0.85	1.02	0.84	1.05	−18	+10	−19	+10	−13	+17	−12	−21	−4	−18	1	1.25
*23721		05 05 59.66	+28 07 17.2	9.93	1	H	76.498 581 07	+28.121 433 14		5.37	0.57	−32.54	1.55	0.90	1.60	2.08	1.09	−4	+35	+1	−10	+1	+1	−6	+53	−3	+5	0	−0.27
*23722		05 05 59.62	−27 34 32.7	9.24		H	76.498 427 48	−27.575 739 50		3.86	15.10	25.03	0.69	0.93	1.21	0.87	1.22	−3	+14	−17	+7	+4	+0	+1	+27	−9	+7	0	−0.10
23723		05 05 59.86	+05 39 11.4	8.41		H	76.499 414 28	+05.653 169 41		2.00	−1.86	−2.45	1.14	0.61	1.40	1.25	0.72	−2	+51	−25	+25	+0	+17	−16	+42	−39	+0	0	0.83
23724	H	05 06 00.93	+35 56 11.1	6.49		H	76.503 874 97	+35.936 419 80	*	12.14	−17.02	−13.03	1.28	0.82	0.93	0.96	0.70	−19	+18	−14	−1	+20	+5	−13	+66	−24	+30	0	−0.19
*23725		05 06 02.82	−37 57 45.1	8.68		H	76.511 739 64	−37.962 535 76		3.16	6.96	1.16	0.63	0.76	0.84	0.68	0.94	+2	+17	−9	+8	−6	+7	−7	+3	−5	+12	0	2.16
*23726		05 06 02.81	+42 50 13.5	8.51		H	76.511 696 40	+42.837 070 68		5.23	7.78	−45.81	1.26	0.85	1.43	1.67	0.93	+9	+41	−19	+19	−18	+23	−14	+57	−17	+16	0	−1.45
23727		05 06 03.22	+80 14 52.3	10.23	3	H	76.513 396 36	+80.247 848 49	*	0.28	−3.56	2.46	0.94	1.36	1.37	1.00	1.77	−3	+20	+13	+8	−22	−11	−22	+19	+4	−17	7	1.49
23728		05 06 05.24	+03 47 18.6	7.43		H	76.521 849 13	+03.788 498 89		2.08	15.11	−7.90	0.85	0.58	0.95	1.01	0.67	+21	+26	−10	+34	+14	−12	+8	+48	−17	+24	2	1.97
23729		05 06 05.41	+48 39 35.0	7.99		H	76.522 523 69	+48.659 720 39		4.72	−2.00	−9.24	1.03	0.69	1.12	1.47	0.75	−6	−1	−15	−2	−32	+26	−26	+42	−6	−5	0	−1.42
23730		05 06 06.07	+68 58 21.4	6.68		H	76.525 284 07	+68.972 618 93		11.01	−10.38	−18.39	0.37	0.46	0.67	0.50	0.54	−12	+3	+3	−17	−8	+1	−10	+11	+6	+0	0	−0.59
23731		05 06 07.00	−41 26 29.3	9.03		H	76.529 169 76	−41.441 482 02		0.35	−1.21	−1.22	0.73	0.89	0.94	0.78	1.09	−3	+5	+7	−6	+5	+8	+6	−17	−16	+7	4	0.33
23732	H	05 06 07.96	−58 11 56.5	8.09		H	76.533 174 95	−58.199 024 84	*	2.16	4.02	13.32	0.60	0.67	0.69	0.62	0.68	+8	−6	−3	+3	−4	+1	+1	−31	−6	+20	0	−0.31
23733		05 06 08.35	+33 55 07.4	7.05	1	H	76.534 800 98	+33.918 728 48		6.38	10.23	−17.20	0.85	0.58	0.93	1.01	0.66	+10	+41	−16	+17	+8	+8	+1	+69	−21	+17	0	1.94
23734		05 06 08.46	+58 58 20.6	5.22	2	H	76.535 248 87	+58.972 390 85		4.86	−6.16	−7.67	0.51	0.47	0.75	0.62	0.52	+12	+17	−4	+4	−2	−21	−1	+23	+5	+4	0	−0.03
23735		05 06 08.69	−13 39 00.0	8.65		H	76.536 189 46	−13.649 994 52		6.11	22.89	6.52	0.82	0.75	1.10	0.83	0.82	−17	+27	−22	+15	−18	+10	−16	+8	+3	−9	0	0.74
23736		05 06 08.80	−20 53 10.7	8.67		H	76.536 663 98	−20.886 317 60		1.84	−9.53	7.46	0.89	0.85	1.24	1.05	1.13	−9	+14	−8	+23	−29	+4	−35	+16	−13	−46	0	1.03
23737		05 06 09.26	−73 02 16.2	6.26		H	76.538 583 84	−73.037 824 13		7.70	17.48	62.26	0.44	0.47	0.48	0.44	0.57	−12	+16	−2	−21	+8	+15	+9	−14	−4	−17	1	1.29
23738		05 06 09.58	−26 29 18.2	8.05		H	76.539 906 59	−26.488 388 34		3.47	−8.36	10.20	0.50	0.65	0.87	0.62	0.86	−9	+1	−11	−15	−12	+10	−10	+10	−3	−18	1	1.60
23739		05 06 10.01	+76 49 25.6	8.09		H	76.541 689 21	+76.823 768 31		10.97	61.97	51.58	0.52	0.63	0.76	0.56	0.78	−4	+15	+13	−26	+3	+5	+3	−7	−8	−13	0	0.54
23740		05 06 10.19	−01 14 38.1	7.59		H	76.542 477 80	−01.243 911 09		5.65	−3.57	−14.19	0.94	0.62	1.08	1.09	0.73	+10	+37	−14	+17	+4	−11	+2	+28	−3	+12	0	0.18
23741		05 06 11.07	−10 25 19.2	7.47		H	76.546 126 96	−10.421 995 02		9.18	−27.18	−46.25	0.77	0.56	0.96	0.74	0.61	−22	+36	−21	+40	−37	+13	−35	+15	+1	−17	0	0.71
23742		05 06 11.32	−62 47 25.1	7.72		G	76.547 173 32	−62.790 318 67		16.73	−32.42	305.69	0.54	0.58	0.59	0.66	0.84	−5	+9	−11	+1	+1	+0	+1	+0	+2	−10	0	1.93
23743		05 06 12.14	+59 01 17.1	6.08	2	H	76.550 580 67	+59.021 403 36	*	5.22	−1.83	−26.15	0.96	1.06	0.92	0.75	0.63	+42	−6	−28	−8	+12	−22	+23	+37	−8	+1	3	0.20
23744		05 06 12.88	+29 45 54.1	8.36		G	76.553 668 87	+29.765 020 64		6.14	11.50	−34.67	1.03	0.61	1.18	0.98	0.65	+13	+37	−8	+7	+36	+3	+15	+57	−33	+26	2	−0.67
23745		05 06 13.08	−03 29 05.7	7.64		G	76.554 518 14	−03.484 915 48		4.04	13.07	−13.07	0.78	0.61	0.92	0.97	0.73	+12	+14	−17	+36	+17	−23	+11	+52	−11	+24	0	−1.44
23746		05 06 14.35	+65 49 17.5	9.16		H	76.559 778 54	+65.821 522 54		6.31	−8.25	−2.99	0.66	0.70	1.00	0.81	0.82	+0	+8	−11	+2	+22	+4	+21	+7	+5	+26	0	0.74
23747		05 06 15.52	+49 58 29.4	7.61		G	76.564 665 93	+49.974 846 98		13.26	25.22	−88.67	0.88	0.64	0.94	1.11	0.73	−7	+20	−6	+24	−26	−11	−26	+41	−14	−5	0	0.72
23748		05 06 16.49	+56 36 45.7	8.80		H	76.568 716 33	+56.612 695 20		5.30	8.14	−26.36	0.83	0.74	1.06	1.06	0.86	+32	+18	−8	+14	+22	−5	+16	+28	−10	+50	4	−0.47
23749		05 06 16.67	−61 35 12.8	9.30		H	76.569 457 03	−61.586 876 74		2.76	10.06	21.63	0.90	0.89	0.95	0.83	1.20	−2	+37	−10	−30	+5	−15	+9	−16	+11	−12	0	0.85
23750		05 06 17.95	+17 48 59.4	8.82		G	76.574 790 47	+17.816 492 15		18.78	64.38	−31.98	1.21	0.67	1.40	1.23	0.74	+11	+51	−22	+14	+21	+0	+6	+50	−16	+40	0	0.13
23751		05 06 18.83	+48 33 38.4	8.92		H	76.578 478 64	+48.560 660 13		1.84	1.10	0.14	1.24	0.86	1.37	1.85	0.91	−13	−5	−29	+5	−39	+31	−27	+49	−14	−17	0	0.15
23752	H	05 06 18.90	+02 57 14.1	9.18		H	76.578 735 47	+02.953 924 97	B	8.56	−2.46	−16.52	5.53	2.92	5.52	5.51	2.42	−17	+42	−24	+11	−4	+19	−15	+24	−30	−12	7	1.40
23753		05 06 22.10	+54 24 18.7	7.17		H	76.592 079 71	+54.405 182 50		5.10	−0.42	1.06	0.81	0.64	0.91	0.99	0.73	−1	+21	−12	+20	−28	−2	−25	+22	+3	+10	0	0.02
*23754		05 06 22.23	+68 16 06.9	8.71		H	76.592 639 37	+68.268 595 00		4.26	11.47	−27.22	0.51	0.72	0.97	0.66	0.80	−5	+2	−1	+10	−11	−3	−9	+21	+13	−6	0	0.97
*23755		05 06 22.15	−14 41 47.7	7.12	2	T	76.592 301 42	−14.696 588 34		1.97	3.17	4.33	0.49	0.47	0.77	0.61	0.54	+16	+26	+0	+10	−12	−17	−10	+16	−1	−13	1	−0.99
23756		05 06 22.58	−35 01 37.2	8.05		G	76.594 071 52	−35.026 990 41		4.86	−22.51	7.46	0.52	0.63	0.71	0.57	0.78	−12	+10	−10	−3	−6	+11	−9	−25	+3	−23	0	−0.21
23757		05 06 22.91	+02 40 23.8	7.49		G	76.595 456 45	+02.673 274 05		6.81	2.13	−4.54	0.97	0.61	1.23	1.09	0.70	+8	+42	−23	+22	+8	−3	−4	+41	−26	+27	0	−1.25
23758		05 06 23.20	−07 43 56.6	9.03		H	76.596 683 17	−07.732 393 02		2.38	−1.68	0.02	1.03	0.81	1.21	1.09	0.92	−42	+17	−7	+39	−46	+8	−47	+25	−3	−42	0	1.35
23759		05 06 24.11	−06 18 50.3	9.21		H	76.600 441 01	−06.313 971 63		1.69	−2.67	−5.53	1.09	0.83	1.35	1.33	0.97	−14	−3	−3	+10	−50	−16	−50	+2	+17	−19	0	1.02
23760		05 06 24.19	+37 12 13.5	8.90		H	76.600 785 78	+37.203 763 06		3.17	−17.81	−20.26	1.22	0.73	1.33	1.39	0.80	+7	+39	−10	+18	−7	+16	−7	+65	−19	+1	0	−0.91
23761		05 06 24.54	−56 13 53.3	8.45	2	H	76.602 244 76	−56.231 460 21		1.23	5.66	6.13	0.82	0.79	0.81	0.88	0.99	+11	+6	+15	−44	−11	−8	−13	−11	+5	+16	0	0.11
23762	H	05 06 26.99	+40 02 15.1	7.95		H	76.612 455 90	+40.037 517 58	A	7.37	−7.06	−17.01	2.03	1.40	1.39	1.50	0.90	+30	+19	−19	−2	+2	+8	−4	+33	−21	+30	2	0.50
23763	H	05 06 27.32	−60 51 13.7	9.27		H	76.613 831 05	−60.853 816 97	A	3.27	−2.80	18.08	1.34	1.40	1.24	1.37	1.59	+23	+26	−12	−31	−13	−9	−14	−21	−3	+7	1	0.27
*23764		05 06 29.78	+40 36 51.1	8.40		H	76.624 099 20	+40.614 197 09		8.43	−29.29	−52.02	0.91	0.57	1.01	1.06	0.62	+17	+22	−14	−5	−7	−3	−12	+35	−14	+27	0	3.50
*23765		05 06 29.85	+35 33 45.1	7.79		H	76.624 377 88	+35.562 527 98		12.44	17.58	−6.87	1.00	0.60	1.08	0.92	0.68	+17	+53	−8	+12	+33	−6	+2	+68	−24	+49	0	−1.01
*23766		05 06 29.66	+61 10 11.8	6.00		H	76.623 567 28	+61.169 940 70		5.79	41.94	−75.92	0.53	0.45	0.83	0.77	0.55	+11	+2	−14	−37	+24	−30	+12	−6	−11	+30	0	−0.41
23767		05 06 30.87	+41 14 04.7	3.18	1	H	76.628 621 02	+41.234 640 74		14.87	30.60	−68.41	0.67	0.47	0.74	0.74	0.51	+29	+32	−7	+15	+10	−2	+7	+48	−14	+31	0	0.67
23768		05 06 31.64	+55 21 12.7	7.58	3	T	76.631 834 14	+55.353 541 37		−0.33	3.92	−4.03	0.77	0.62	0.95	0.84	0.68	+15	+32	−4	+11	−8	−7	−14	+21	−23	+19	0	−0.80
23769		05 06 31.72	+74 05 31.5	8.00		H	76.632 184 09	+74.092 089 80		3.63	−0.77	−8.54	0.49	0.63	0.81	0.55	0.74	−10	+16	+5	−3	+9	+3	+9	−11	−5	−9	0	−1.29
*23770		05 06 32.03	+10 38 37.4	8.23		H	76.633 459 30	+10.643 726 57		2.14	1.94	−3.35	0.98	0.60	1.08	1.21	0.70	+14	+19	−7	+45	+10	−7	+6	+60	−17	+21	0	−0.69
*23771		05 06 32.00	−28 33 36.9	9.52		H	76.633 346 55	−28.560 261 64		0.66	24.70	−13.86	0.82	1.18	1.37	1.05	1.64	+3	+13	−11	−3	+7	+6	+4	+22	−10	+12	2	2.69
*23772	H	05 06 33.77	+26 29 44.1	8.91		H	76.640 689 72	+26.495 571 15	*	12.00	21.74	−35.01	7.39	5.17	1.87	2.02	1.09	+13	+16	+7	−24	+25	+19	+16	+34	−30	−2	1	1.31
*23773		05 06 33.77	−20 35 54.2	8.64	1	H	76.640 688 10	−20.598 387 32		7.55	−14.85	0.15	0.78	0.80	1.14	0.86	0.99	+3	+31	−4	+10	−24	+1	−26	+16	−14	−27	0	0.47
23774		05 06 34.29	+38 31 20.1	7.74		G	76.642 891 23	+38.522 255 09		1.29	−2.07	−3.22	0.91	0.54	1.02	0.92	0.59	+15	+34	−20	+24	+18	−3	+2	+64	−29	+33	0	0.64
23775		05 06 34.41	−62 23 07.9	8.92		H	76.643 368 87	−62.385 531 13		2.96	20.93	11.35	0.77	0.84	0.84	0.99	1.27	−8	−2	−3	+3	+5	−14	+6	+0	+1	−13	2	0.84
23776		05 06 35.30	−77 33 59.2	7.32		G	76.647 103 23	−77.566 452 17		27.38	142.42	−418.36	0.77	0.71	0.82	0.80	0.92	−5	+19	−7	−17	−7	+2	−8	−4	+0	−2	0	
23777		05 06 36.73	−13 07 21.6	6.04		H	76.653 048 18	−13.122 658 46		8.98	20.17	14.81	0.58	0.46	0.73	0.63	0.53	−22	+33	−10	+22	−21	+14	−24	+21	−16	−33	0	1.07
23778		05 06 36.88	+44 43 54.7	7.52		H	76.653 679 36	+44.731 855 43		8.78	5.20	−17.85	0.88	0.61	1.05	1.07	0.70	+28	+25	−11	+17	+13	−20	+2	+52	−31	+41	0	0.06
23779		05 06 37.57	−57 33 08.4	8.99		G	76.656 523 98	−57.552 328 33		1.48	−5.79	−4.59	0.82	0.89	0.91	0.93	1.05	−6	+7	+1	+20	+6	−7	+6	−4	+3	−6	0	−0.32
23780		05 06 37.97	−41 46 07.7	8.46		H	76.658 198 06	−41.768 792 86		3.66	4.82	10.89	0.59	0.69	0.74	0.57	0.80	−4	+8	−4	−6	+4	+8	+4	−23	+1	−6	0	1.91
23781		05 06 38.40	−63 08 55.0	7.93		G	76.659 999 86	−63.148 612 94		6.86	13.05	−6.00	0.58	0.69	0.62	0.69	0.87	+11	+2	−11	−19	−25	−0	−18	−17	−1	+21	0	1.58
23782		05 06 38.87	−65 22 34.7	7.82		G	76.661 968 19	−65.376 309 75		4.25	−3.96	49.74	0.62	0.63	0.68	0.54	0.95	+6	+23	−4	−51	+6	−2	+3	−13	+13	+50	0	−0.75
23783		05 06 40.66	+51 35 53.3	4.98	2	H	76.669 409 52	+51.598 143 14		38.14	−29.31	−173.95	0.69	0.52	0.79	0.73	0.56	+27	+31	−11	+31	+14	−7	+6	+27	−21	+31	0	−0.46
23784		05 06 40.93	+22 30 38.8	7.13		H	76.670 529 74	+22.510 773 11		3.72	2.83	−7.34	0.91	0.51	1.00	1.09	0.56	+5	+42	−16	+16	+16	−6	+4	+65	−21	+12	0	0.75
23785		05 06 41.92	−50 56 29.2	8.39		H	76.674 681 31	−50.941 441 81		9.46	−1.49	15.26	0.61	0.69	0.72	0.67	0.80	−11	−4	+26	+17	−14	−7	−8	+3	−6	+4	0	−0.33
23786		05 06 42.05	+14 26 48.5	7.74		H	76.675 197 80	+14.446 815 83	+	41.70	282.67	−239.14	3.70	4.59	1.14	1.79	1.14	−51	+43	−37	−36	+38	−26	−25	+44	−30	+57	0	1.31
23787		05 06 42.16	+51 43 41.2	9.40		H	76.675 675 02	+51.728 124 10		2.23	32.74	−1.66	1.32	0.93	1.45	1.56	1.07	+22	+29	−8	+14	−6	−1	−4	+14	+0	+27	0	−0.65
23788		05 06 42.63	+53 30 11.6	8.66		H	76.677 611 53	+53.503 217 87		2.58	−0.89	−8.66	0.95	0.74	1.12	1.19	0.84	+30	+5	−20	−7	+0	+5	−2	+11	−14	+44	0	0.47
23789	H	05 06 43.08	+14 05 06.3	7.30		G	76.679 518 32	+14.085 072 64	A	16.90	−15.21	−121.23	1.23	0.77	1.25	1.22	0.77	−11	+38	−24	−11	+15	−4	−1	+33	−26	+12	0	−0.15
23790		05 06 43.38	−04 29 42.8	7.86		G	76.680 753 00	−04.495 214 36		2.44	9.12	−0.52	0.96	0.80	1.04	1.14	0.99	−28	+16	−32	+49	−15	−15	−27	+64	−20	+2	0	0.06
23791		05 06 44.06	−14 26 40.4	9.32		H	76.683 577 15	−14.444 566 50		2.12	24.02	2.49	0.73	0.72	1.18	0.93	0.81	+11	+14	+1	+2	−15	−15	−13	+7	−4	−20	3	0.09
23792		05 06 44.64	−59 52 40.4	7.31		H	76.685 992 80	−59.877 875 02		1.80	3.30	11.13	0.61	0.64	0.67	0.71	0.76	+5	+0	−21	−17	−6	+12	−4	−30	+20	+0	1	0.10
23793		05 06 45.02	−59 03 04.1	9.38	2	H	76.687 603 60	−59.051 147 55		4.66	58.68	77.85	0.80	0.82	0.92	1.05	0.97	+16	−15	−13	−2	+4	+12	+10	−20	+5	+47	0	0.48
23794		05 06 45.65	−04 39 18.6	5.12		H	76.690 195 03	−04.655 163 19		11.65	10.05	0.00	0.61	0.53	0.73	0.78	0.66	−1	+14	−16	+34	+4	−17	−2	+58	−4	+11	2	0.18
23795		05 06 45.82	+06 25 18.0	8.01		G	76.690 903 04	+06.421 666 83		13.11	−44.69	−6.05	0.94	0.57	1.09	1.17	0.66	+8	+38	−13	+16	+17	−11	+5	+43	−25	+8	0	−1.17
23796		05 06 46.34	+24 42 19.5	10.57		H	76.693 086 96	+24.705 426 07		6.12	−3.58	−4.22	1.82	1.06	2.03	2.46	1.18	+5	+5	−24	−5	+33	−4	+18	+64	−38	+19	0	1.61
23797		05 06 47.29	+34 32 07.8	7.70		H	76.697 038 82	+34.535 498 55		13.16	22.53	−11.34	0.90	0.57	1.00	0.90	0.63	+20	+40	−5	+8	+34	+11	+11	+65	−20	+42	0	0.43
23798		05 06 48.70	+00 40 39.2	8.19		H	76.702 912 67	+00.677 567 25		4.27	8.85	−8.65	0.96	0.67	1.19	1.22	0.84	+19	+31	−21	+12	+3	+18	+3	+22	−11	+34	0	0.11
23799		05 06 49.56	+43 10 29.0	6.20		H	76.706 494 17	+43.174 708 62		3.79	−3.97	−1.64	0.95	0.54	1.01	0.93	0.58	+6	+56	−14	+28	−7	+13	−12	+54	−12	+26	0	0.04
23800		05 06 51.99	−37 11 13.6	8.27		H	76.716 606 36	−37.187 106 22		1.98	17.21	−2.83	0.61	0.71	0.81	0.67	0.88	−11	+7	−14	−11	−9	−4	−12	−7	−4	−11	0	0.48

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No.	Tycho Magnitudes					Colour Indices					Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
23701	11.251	0.080	10.001	0.040		0.947	0.009	G	0.99	0.01	I	10.0026	0.0060	0.046	78		9.94	10.08		U 2			1 G							G
23702	11.746	0.141	10.736	0.096		0.601	0.107	G	0.67	0.10	R	10.9128	0.0059	0.035	79		10.85	10.96					1							G
23703	9.904	0.026	9.462	0.028		0.417	0.035	T	0.48	0.04	L	9.4736	0.0020	0.016	84		9.45	9.51		C			1							
23704	8.813	0.011	8.289	0.010		0.492	0.013	T	0.56	0.01	L	8.3511	0.0016	0.014	100		8.32	8.38					1 G							S
23705	10.302	0.029	9.007	0.017		1.101	0.026	T	1.06	0.03	L	9.0650	0.0016	0.019	118		9.03	9.10					1							
23706	10.704	0.045	8.437	0.013		1.871	0.038	T	1.90	0.04	L	8.2628	0.0020	0.019	93		8.24	8.31		R			1							
23707	9.635	0.022	9.147	0.021		0.459	0.028	T	0.53	0.03	L	9.1620	0.0018	0.016	77		9.14	9.21					1							S
23708	10.727	0.106	9.083	0.048		1.386	0.012	G	1.64	0.02	I	9.0206	0.0025	0.017	84		8.99	9.05		C			1							
23709	7.842	0.009	7.361	0.008		0.453	0.011	T	0.52	0.01	L	7.4105	0.0009	0.007	87		7.40	7.42		C	05058+3551	I 1	1							S
23710	8.926	0.017	7.967	0.012		0.844	0.015	T	0.86	0.01	L	8.0160	0.0019	0.013	76		8.00	8.03					1							
23711	10.070	0.022	9.570	0.022		0.470	0.028	T	0.54	0.03	L	9.6134	0.0026	0.029	148		9.56	9.66					1							
23712	6.732	0.006	6.615	0.005		0.113	0.007	T	0.13	0.01	L	6.6402	0.0013	0.008	75		6.63	6.65					1							S
23713	8.730	0.012	7.661	0.009		0.938	0.020	G	0.91	0.02	A	7.7101	0.0010	0.010	104		7.69	7.73					1							S
23714	8.197	0.010	8.172	0.013		0.023	0.014	T	0.04	0.01	L	8.1785	0.0015	0.011	62		8.15	8.20					1							S
23715	7.341	0.009	7.320	0.011		0.024	0.013	T	0.04	0.01	L	7.3403	0.0007	0.009	65		7.33	7.36		D			1							S
23716	9.019	0.012	8.057	0.009	A	1.000	0.495	G	0.87	0.01	L *	8.0274	0.0010	0.012	125	*	8.01	8.06		D	05059−1355	I 1	2 C A	AB	245	1.097	0.007	1.53	0.02	
23717	10.317	0.027	8.467	0.011		1.538	0.023	T	1.59	0.05	L	8.3804	0.0027	0.026	103		8.34	8.42		U 2			1 S							S
23718	9.371	0.017	9.159	0.020		0.191	0.016	G	0.21	0.02	H	9.2172	0.0069	0.046	105		9.16	9.29		U 2 C			1							G
23719	8.956	0.014	8.326	0.012		0.592	0.004	G	0.66	0.00	H	8.3819	0.0014	0.012	111		8.36	8.41		C			1							S
23720	10.525	0.039	9.133	0.020		1.177	0.034	T	1.14	0.03	L	9.1821	0.0021	0.019	106		9.13	9.21					1							
23721	10.695	0.051	10.116	0.050		0.541	0.063	T	0.61	0.07	L	10.0455	0.0046	0.029	76		10.00	10.11		U			1							G
23722	9.378	0.013	9.222	0.016		0.142	0.019	T	0.16	0.02	L	9.2904	0.0022	0.025	150		9.24	9.34		C			1							
23723	10.562	0.048	8.617	0.017		1.614	0.040	T	1.64	0.04	L	8.5233	0.0021	0.014	69		8.50	8.54					1							
23724	6.719	0.005	6.519	0.004	*	0.184	0.006	T	0.20	0.01	L *	6.5561	0.0009	0.005	93	*	6.55	6.57		D	05060+3556	H 1	2 C A	AB	320	0.293	0.006	1.88	0.04	S
23725	10.240	0.024	8.787	0.012		1.225	0.021	T	1.18	0.02	L	8.8402	0.0016	0.019	131		8.81	8.88					1							
23726	10.160	0.039	8.674	0.020		1.230	0.015	G	1.19	0.01	H	8.6757	0.0019	0.013	75		8.66	8.70					1							
23727	10.650	0.038	10.343	0.045		0.293	0.063	T	0.33	0.09	L	10.3015	0.0062	0.842	139		10.24	12.12		P 1 A			1 V							G
23728	8.868	0.015	7.540	0.009		1.127	0.014	T	1.09	0.01	L	7.5949	0.0014	0.010	80		7.57	7.62		C			1							S
23729	8.010	0.012	7.978	0.013		0.034	0.016	T	0.05	0.01	L	8.0085	0.0021	0.013	70		7.99	8.03					1							S
23730	7.141	0.003	6.727	0.004		0.391	0.005	T	0.46	0.01	L	6.7720	0.0008	0.009	219		6.76	6.79		C			1							S
23731	10.238	0.027	9.091	0.017		0.986	0.025	T	0.97	0.02	L	9.1955	0.0026	0.018	111		9.16	9.24		C			1							
23732	9.960	0.025	8.251	0.012	*	1.427	0.022	T	1.41	0.04	L *	8.2269	0.0016	0.016	98	*	8.20	8.25			05061−5812	H 1	2 C S B	AB	125	0.152	0.054	2.25	0.95	
23733	6.987	0.006	7.047	0.008		−0.050	0.009	T	−0.03	0.01	L	7.0443	0.0013	0.011	84		7.02	7.06	6.43	P 1 A			1							S
23734	5.086	0.004	5.212	0.005		−0.080	0.000	G	−0.06	0.00	H	5.2033	0.0033	0.046	128		5.10	5.22		U 2 C	05062+5900	I 2	1							S
23735	9.253	0.015	8.715	0.014		0.512	0.015	T	0.58	0.02	L	8.7640	0.0026	0.019	102		8.73	8.80					1							S
23736	9.885	0.023	8.768	0.015		0.962	0.021	T	0.95	0.02	L	8.8373	0.0018	0.023	111		8.80	8.89					1							
23737	6.279	0.003	6.269	0.004		0.010	0.004	T	0.03	0.00	L	6.2773	0.0006	0.006	116		6.27	6.29		C			1							S
23738	9.380	0.012	8.160	0.008		1.043	0.011	T	1.01	0.01	L	8.2180	0.0013	0.018	186		8.19	8.25					1 S							S
23739	8.723	0.010	8.143	0.009		0.542	0.012	T	0.62	0.01	L	8.2042	0.0012	0.012	161		8.18	8.23		C			1							S
23740	8.827	0.014	7.714	0.010		0.959	0.013	T	0.95	0.01	L	7.7565	0.0015	0.008	78		7.74	7.77		C			1							S
23741	7.950	0.010	7.518	0.007		0.422	0.015	G	0.49	0.02	H	7.5674	0.0012	0.010	90		7.55	7.59		C			1							S
23742	8.298	0.009	7.785	0.009		0.491	0.015	G	0.56	0.02	H	7.8202	0.0012	0.009	110		7.81	7.84					1							S
23743	7.516	0.010	6.207	0.006		1.112	0.009	T	1.07	0.01	L	6.2439	0.0047	0.038	127		6.19	6.30	80.90	P 1 A	05062+5900	I 2	1 V							S
23744	8.803	0.013	8.396	0.013		0.388	0.003	G	0.45	0.00	H	8.4501	0.0010	0.013	91		8.43	8.48		C			1							
23745	7.665	0.009	7.645	0.009		0.008	0.004	G	0.03	0.00	H	7.6544	0.0011	0.010	77		7.64	7.67					1							S
23746	9.539	0.016	9.200	0.017		0.322	0.022	T	0.37	0.03	L	9.2424	0.0017	0.019	149		9.21	9.28		C			1							
23747	8.200	0.012	7.680	0.011		0.481	0.015	G	0.55	0.02	H	7.7225	0.0015	0.010	70		7.70	7.74		C			1							S
23748	9.089	0.014	8.831	0.015		0.268	0.015	G	0.30	0.02	H	8.8737	0.0026	0.019	92		8.83	8.91					1							
23749	10.578	0.038	9.438	0.024		0.980	0.035	T	0.96	0.03	L	9.4607	0.0022	0.019	100		9.43	9.49		C			1							
23750	9.805	0.030	8.928	0.022		0.730	0.015	G	0.78	0.01	H	8.9450	0.0026	0.021	76		8.91	8.97					1							
23751	8.998	0.018	8.882	0.022		0.112	0.027	T	0.13	0.03	L	8.9663	0.0021	0.021	67		8.94	9.00		C			1							
23752	9.348	0.022	8.833	0.026	*	0.493	0.026	T	0.57	0.03	L *	9.2860	0.0024	0.021	75	*	9.25	9.32		R	05063+0257	I 1	2 C A	BA	178	2.310	0.004	0.03	0.01	
23753	8.483	0.011	7.288	0.009		1.023	0.011	T	1.00	0.01	L	7.3339	0.0011	0.010	74		7.32	7.36			05064+5424	I 1	1							S
23754	8.980	0.009	8.720	0.010		0.248	0.013	T	0.28	0.02	L	8.7815	0.0016	0.021	203		8.75	8.81					1							
23755	6.974	0.006	7.102	0.007		−0.095	0.002	G	−0.08	0.00	H	7.0898	0.0080	0.049	151		7.04	7.16	3.09	P 1 A			1							S P
23756	8.531	0.009	8.092	0.009		0.404	0.015	G	0.47	0.02	H	8.1422	0.0011	0.015	140		8.12	8.17		C			1							S
23757	7.344	0.007	7.473	0.011		−0.100	0.004	G	−0.08	0.01	H	7.4648	0.0011	0.011	71		7.45	7.48					1							S
23758	9.062	0.014	9.025	0.018		0.039	0.021	T	0.05	0.02	L	9.0468	0.0016	0.017	101		9.02	9.08		C			1							
23759	9.587	0.021	9.249	0.023		0.321	0.029	T	0.37	0.04	L	9.2929	0.0022	0.019	90		9.26	9.33					1							
23760	10.274	0.030	8.996	0.018		1.088	0.027	T	1.05	0.03	L	9.0639	0.0021	0.015	99		9.04	9.09		C			1							
23761	10.475	0.036	8.716	0.015		1.495	0.032	T	2.81	0.05	O	8.4095	0.0113	0.077	110		8.30	8.54		U 2			1 S							
23762	8.112	0.010	7.990	0.012	*	0.118	0.015	T	0.13	0.01	L *	7.9955	0.0017	0.010	90	*	7.98	8.01		D	05064+4002	I 1	2 C A	AB	30	0.352	0.005	1.13	0.03	S
23763	9.325	0.016	9.271	0.021	A	0.000	0.495	G	0.03	0.05	L *	9.2818	0.0019	0.017	89	*	9.26	9.32		D	05065−6051	I 1	2 C A	AB	308	6.750	0.029	3.14	0.13	
23764	8.989	0.015	8.459	0.014		0.533	0.015	G	0.61	0.02	H	8.5140	0.0015	0.009	90		8.50	8.54					1							
23765	8.653	0.011	7.865	0.009		0.705	0.015	G	0.76	0.01	H	7.9358	0.0010	0.009	100		7.91	7.95					1							S
23766	7.814	0.006	6.164	0.004		1.380	0.006	T	1.35	0.01	L	6.1477	0.0008	0.009	153		6.13	6.16					1 G							S
23767	2.971	0.003	3.143	0.003		−0.148	0.004	T	−0.17	0.03	C	3.1160	0.0008	0.006	82		3.10	3.13		M			1							S
23768	8.786	0.015	7.681	0.010		0.953	0.014	T	0.94	0.01	L	7.8040	0.0607	0.257	80		7.35	7.95	3.29	P 1 A			1							S
23769	9.395	0.014	8.128	0.009		1.079	0.013	T	1.04	0.01	L	8.1679	0.0017	0.017	182		8.14	8.20					1							
23770	8.277	0.010	8.218	0.013		0.059	0.015	T	0.07	0.01	L	8.2534	0.0016	0.013	94		8.23	8.28					1							
23771	10.332	0.025	9.584	0.021		0.687	0.000	G	0.74	0.00	H	9.6545	0.0023	0.023	137		9.62	9.72		C			1							
23772	9.815	0.026	9.020	0.022	*	0.721	0.026	T	0.77	0.02	L *	9.0590	0.0016	0.013	78	*	9.04	9.08		C	05066+2630	H 1	2 C C	AB	11	0.234	0.051	3.19	0.76	
23773	8.981	0.013	8.676	0.014		0.291	0.020	T	0.33	0.03	L	8.7100	0.0028	0.029	124		8.67	8.76		U			1							S
23774	7.899	0.009	7.779	0.011		0.116	0.013	T	0.13	0.01	L	7.7995	0.0013	0.010	91		7.78	7.81		C			1							S
23775	10.454	0.032	9.030	0.017		1.202	0.028	T	1.16	0.03	L	9.0888	0.0022	0.021	108		9.05	9.13		C			1							
23776	8.112	0.008	7.408	0.007		0.652	0.003	G	0.72	0.00	H	7.4596	0.0012	0.009	122		7.44	7.48		C			1 X							S
23777	6.003	0.003	6.041	0.004		−0.030	0.005	T	−0.01	0.01	L	6.0420	0.0008	0.007	96		6.03	6.05		C			1							S
23778	7.704	0.010	7.556	0.010		0.135	0.013	T	0.15	0.01	L	7.5731	0.0009	0.008	65		7.56	7.58		D			1							S
23779	10.186	0.067	9.067	0.041		0.885	0.002	G	0.89	0.00	H	9.1724	0.0026	0.018	86		9.14	9.20		C			1							
23780	8.597	0.009	8.469	0.011		0.116	0.013	T	0.13	0.01	L	8.5018	0.0011	0.014	119		8.48	8.53		C			1							S
23781	8.306	0.009	7.980	0.010		0.309	0.013	T	0.35	0.02	L	8.0095	0.0012	0.012	106		7.99	8.03		C			1 G							S
23782	9.418	0.019	7.945	0.011		1.214	0.007	G	1.17	0.01	H	7.9915	0.0015	0.011	95		7.97	8.01		C			1							S
23783	5.365	0.004	5.012	0.004		0.343	0.005	T	0.40	0.01	L	5.0584	0.0027	0.017	70		5.02	5.08		U 2	05067+5136	I 1	1							S
23784	7.315	0.006	7.164	0.007		0.145	0.009	T	0.16	0.01	L	7.1848	0.0010	0.008	102		7.17	7.20		C			1							S
23785	8.928	0.012	8.445	0.011		0.467	0.013	T	0.54	0.01	L	8.4908	0.0012	0.013	113		8.47	8.52					1 G							S
23786	8.743	0.012	7.819	0.009		0.804	0.012	T	0.83	0.01	L	7.8855	0.0010	0.010	89		7.87	7.90		C			1 O							
23787			10.223	0.038							T	9.5696	0.0029	0.023	70		9.52	9.60		C			1							G
23788	8.806	0.014	8.673	0.016		0.128	0.020	T	0.14	0.02	L	8.7095	0.0021	0.014	75		8.68	8.74		C			1							
23789	7.979	0.009	7.384	0.008	A	0.559	0.015	G	0.63	0.01	H *	7.4215	0.0008	0.007	84	*	7.41	7.43		D	05067+1405	M 1	2 C A	AB	107	1.100	0.024	3.23	0.10	S
23790			8.774	0.016		1.500	0.040	G	1.50	0.10	R	8.0417	0.0016	0.014	73		8.02	8.06		C			1							
23791	9.379	0.013	9.303	0.017		0.068	0.019	T	0.08	0.02	L	9.3458	0.0026	0.020	147		9.31	9.38		C			1							
23792	8.974	0.014	7.443	0.008		1.286	0.013	T	1.25	0.01	L	7.4679	0.0012	0.011	87		7.45	7.49					1							S
23793	9.869	0.022	9.411	0.022		0.446	0.018	G	0.52	0.02	H	9.4774	0.0136	0.092	93		9.37	9.60	0.43	P 1 A			1							P
23794	5.037	0.003	5.092	0.003		−0.059	0.003	G	−0.07	0.03	C	5.0924	0.0006	0.005	73		5.08	5.10		C	05068−0439	I 1	1							S
23795	8.597	0.013	8.076	0.012		0.523	0.015	G	0.60	0.02	H	8.1235	0.0012	0.010	72		8.11	8.14					1							S
23796	11.377	0.086	10.771	0.088		0.716	0.086	G	0.76	0.08	R	10.7096	0.0041	0.029	99		10.65	10.76		C			1							G
23797	8.198	0.009	7.745	0.010		0.427	0.012	T	0.49	0.01	L	7.7989	0.0013	0.009	98		7.78	7.81					1							S
23798	9.383	0.021	8.277	0.014		0.954	0.020	T	0.94	0.01	L	8.3568	0.0019	0.013	65		8.33	8.38		C			1							S
23799	6.742	0.005	6.259	0.005		0.444	0.008	G	0.55	0.03	C	6.3087	0.0010	0.005	77		6.30	6.32					1							S
23800	9.551	0.016	8.379	0.010		1.005	0.015	T	0.98	0.01	L	8.4353	0.0013	0.016	123		8.41	8.46					1							

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ 13	Standard Errors α* mas 14	δ 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ 18	Astrometric Correlations (%) δ α* 19	π α* 20	π δ 21	$\mu_{\alpha*}$ α* 22	$\mu_{\alpha*}$ δ 23	$\mu_{\alpha*}$ π 24	μ_δ α* 25	μ_δ δ 26	μ_δ π 27	μ_δ $\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
23801		05 06 52.33	−41 09 21.8	9.21		H	76.718 041 18	−41.156 045 20		8.82	86.22	−70.83	0.73	0.84	0.90	0.81	1.04	+1	+19	+7	−11	+2	+5	−1	−33	−10	−5	2	0.27
23802		05 06 55.37	−05 09 56.0	7.30		H	76.730 715 55	−05.165 558 69		13.45	62.08	−25.58	0.74	0.70	0.90	0.96	0.87	+8	+0	−27	+30	+3	−5	−4	+56	−9	+26	0	0.29
23803	H	05 06 55.97	+78 00 18.7	8.46		H	76.733 210 09	+78.005 191 80	*	3.81	6.53	−24.53	0.60	0.74	0.90	0.62	0.90	−4	+19	+8	+16	+5	+0	+10	+5	+8	+14	0	0.05
23804	H	05 06 57.21	+11 49 49.5	9.10		G	76.738 362 15	+11.830 418 52	A	2.05	−3.27	−3.46	1.56	1.06	1.58	1.55	1.03	+29	+10	−15	+9	+20	−16	+14	+44	−26	+35	3	−0.19
23805		05 06 58.86	−28 39 21.3	9.74		G	76.745 247 60	−28.655 903 55		6.48	17.92	−16.17	1.29	1.68	2.10	1.58	2.13	+4	+10	−20	−10	+1	−1	+1	−9	−1	+9	0	
23806		05 06 59.93	−20 06 54.1	8.36		H	76.749 714 87	−20.115 040 17		9.59	43.03	−20.15	0.64	0.72	0.99	0.71	0.78	+16	+12	−18	−16	−33	+10	−23	+4	−1	−25	0	−0.45
23807		05 07 01.40	+16 49 39.2	8.46		G	76.755 830 23	+16.827 558 91	A	11.26	51.76	−55.69	2.35	1.71	2.03	2.65	1.58	+35	+28	−14	+24	+33	−26	+21	+58	−29	+41	0	−0.32
23808		05 07 01.94	−52 24 02.8	8.91		H	76.758 081 45	−52.400 780 72		5.89	112.61	−28.87	0.70	0.79	0.78	0.86	0.95	−9	−1	+4	+18	−18	+2	−19	+0	+2	−17	0	−1.43
23809		05 07 02.10	−00 47 32.3	10.35	2	H	76.758 747 29	−00.792 297 88		9.47	21.99	−42.58	1.96	1.33	2.36	2.23	1.55	+9	+34	−17	+22	−3	−11	−4	+31	+2	+19	0	1.66
*23810		05 07 02.29	+16 49 14.2	10.30		H	76.759 530 15	+16.820 600 38	B	12.34	55.12	−55.52	12.41	7.80	8.20	10.09	5.50	+16	+33	−33	−7	+44	−43	+14	+53	−36	+47	0	−0.32
*23811		05 07 02.24	+51 42 22.5	8.00		G	76.759 350 89	+51.706 261 80		2.55	−4.19	−7.21	0.89	0.65	1.04	0.99	0.70	+18	+24	−6	+13	−6	−14	−10	+9	−12	+15	0	0.17
23812		05 07 03.87	−55 46 51.6	8.57		H	76.766 141 90	−55.780 998 91		1.81	9.77	−1.79	0.74	0.78	0.81	0.79	0.92	−3	−7	−14	−23	+5	−8	+3	−5	+9	−3	0	−0.82
23813		05 07 04.38	+59 19 58.8	8.18		H	76.768 254 18	+59.332 996 55		3.76	14.45	−24.83	0.74	0.67	1.06	0.90	0.75	+2	+12	−7	+11	−12	−17	−9	+25	+11	−10	0	−0.17
23814		05 07 05.15	+26 59 45.4	7.64		H	76.771 447 02	+26.995 932 92		4.38	3.40	−6.06	0.96	0.56	1.05	0.99	0.63	+14	+40	−10	+1	+31	−3	+9	+59	−24	+37	0	2.83
23815		05 07 06.17	−37 42 01.6	8.61	2	H	76.775 700 85	−37.700 455 58		1.00	−0.40	2.95	0.66	0.77	0.88	0.72	0.95	−8	+14	−11	+6	−8	+16	−8	+0	−10	+2	0	−0.19
23816		05 07 08.66	−17 17 58.3	7.04		H	76.786 103 66	−17.299 521 97		19.54	6.83	−164.22	0.65	0.56	0.87	0.76	0.72	−3	+13	−9	−38	−8	+13	+0	−4	−28	−38	0	0.75
23817		05 07 09.71	−18 18 07.8	9.94	2	G	76.790 448 22	−18.302 164 87		6.13	−4.69	−5.92	1.12	1.30	1.89	1.34	1.62	+9	+6	−23	+2	−36	+12	−36	+6	−17	−37	5	0.19
23818		05 07 09.78	−19 23 33.1	6.47		G	76.790 746 87	−19.392 523 88		26.44	−41.74	269.68	0.55	0.52	0.76	0.87	0.65	+15	+16	−26	−33	−19	−6	−19	+11	−7	+6	0	−0.13
23819		05 07 11.87	−03 29 46.8	8.30		G	76.799 464 16	−03.496 334 15		3.71	11.06	−14.67	0.90	0.74	1.07	1.05	0.91	+14	+31	−3	+32	+18	−16	+12	+58	−7	+29	0	−0.10
23820		05 07 14.18	−66 03 18.4	11.46		H	76.809 075 01	−66.055 120 72		−2.48	0.39	−0.49	1.60	1.70	1.73	1.59	2.19	−14	+28	−15	−32	+19	−15	+21	−13	+8	−1	1	0.10
23821		05 07 16.79	+00 59 27.6	7.47		G	76.819 967 41	+00.990 996 99		8.42	−53.11	16.52	0.90	0.64	1.09	1.11	0.81	+23	+32	−21	+7	+12	+9	+8	+28	−5	+44	0	0.39
23822		05 07 17.08	+72 05 08.4	8.13		H	76.821 181 57	+72.085 677 12		2.25	−5.84	−1.55	0.50	0.70	0.90	0.53	0.81	−14	+7	+1	−16	+14	+8	+16	−27	+2	−8	1	1.22
23823		05 07 17.77	−22 38 50.2	8.62		H	76.824 051 46	−22.647 271 78		1.23	4.44	−19.29	0.71	0.86	1.28	0.98	1.21	−10	+0	−6	−27	+4	+10	+3	+27	−35	−11	0	0.50
23824	H	05 07 18.31	−83 51 36.9	6.80		G	76.826 306 15	−83.860 258 26	*	21.01	58.04	147.61	1.47	1.00	0.64	0.62	0.74	+4	+19	−7	−7	+5	+0	+7	+29	−12	−9	0	1.10
23825		05 07 18.43	+42 05 44.1	8.33		H	76.826 777 28	+42.095 596 74		2.43	0.26	−2.94	1.16	0.71	1.23	1.22	0.78	−11	+48	−25	+40	−6	−11	−21	+70	−30	+7	0	−0.61
23826	H	05 07 22.03	+02 26 54.5	8.60		H	76.841 785 96	+02.448 478 61	A	5.61	−0.38	−7.61	2.99	2.02	3.30	3.44	2.09	+19	+23	−30	+25	+21	+8	+7	+43	−14	+35	1	0.98
23827		05 07 22.21	+46 28 41.4	8.93		H	76.842 541 18	+46.478 180 02		3.79	3.77	−12.35	1.04	0.68	1.27	1.10	0.74	+1	+46	−12	+2	+2	−21	−11	+38	−23	+9	0	−1.35
23828		05 07 22.26	+50 18 20.2	7.40		H	76.842 763 71	+50.305 612 77		2.66	0.91	−0.47	0.83	0.67	0.91	1.05	0.77	+9	+9	−4	+44	−11	−16	−11	+43	−15	+0	0	−0.02
23829		05 07 23.54	−11 52 28.8	8.52		H	76.848 088 48	−11.874 678 24		3.00	−4.22	−4.96	0.80	0.69	0.99	0.88	0.80	−6	+26	−1	+26	−26	−5	−27	+23	−1	−16	0	0.06
23830		05 07 24.43	−04 13 03.4	8.90		H	76.851 811 06	−04.217 611 14		7.46	−6.47	−36.74	1.01	0.83	1.20	1.22	1.08	+9	+22	−13	+27	+6	−8	+1	+46	+0	+30	0	0.26
23831		05 07 24.88	−12 29 27.6	5.97		H	76.853 675 00	−12.491 009 14		27.60	136.07	−107.12	0.56	0.45	0.67	0.57	0.51	−11	+35	−4	+23	−27	+5	−28	+23	−7	−22	0	−1.70
23832		05 07 24.92	−00 47 57.7	8.33		H	76.853 843 40	−00.799 361 90		2.13	18.09	−3.68	1.21	0.82	1.36	1.46	0.97	+8	+21	−15	+31	−4	−11	−6	+32	+0	+16	0	0.47
23833		05 07 25.92	−44 49 18.2	6.91	1	H	76.858 010 04	−44.821 720 00		3.20	6.17	12.09	0.50	0.51	0.57	0.66	0.62	−12	+16	−1	−3	−1	+8	−1	−6	−2	−28	0	−0.11
23834		05 07 26.27	−08 39 11.4	7.00		H	76.859 478 96	−08.653 162 28		3.96	−9.03	4.48	0.79	0.55	0.91	0.86	0.62	−39	+33	−4	+48	−45	−8	−46	+32	−7	−46	0	1.15
23835		05 07 26.68	+18 38 42.0	4.91		G	76.861 150 23	+18.645 007 11		63.02	536.05	18.51	0.81	0.46	0.93	1.20	0.53	+6	+28	−8	−7	−5	+30	−2	+25	−5	+3	0	−0.63
23836		05 07 28.52	+58 35 34.0	7.61		H	76.868 824 12	+58.592 787 73		4.65	3.48	11.77	0.62	0.59	0.92	0.84	0.70	+12	+6	−6	+8	−6	−20	−5	+18	+13	+7	0	−0.68
23837		05 07 29.39	−03 18 40.9	8.87		H	76.872 460 35	−03.311 362 14		1.52	3.45	−1.10	1.01	0.82	1.22	1.14	1.00	+14	+32	−9	+29	+22	−11	+11	+57	−18	+30	0	−1.96
23838	H	05 07 30.70	+55 32 24.4	7.30		G	76.877 913 22	+55.540 102 08	A	7.23	−16.82	−10.82	1.16	0.99	1.23	1.15	0.97	+28	+15	+2	+5	−8	+1	−2	+17	−15	−4	1	−0.29
23839		05 07 33.65	−30 37 42.5	9.77		H	76.890 194 66	−30.628 461 57		6.26	7.60	20.65	0.79	0.99	1.19	0.81	1.18	+2	+10	−18	+22	+3	+1	+4	+1	+11	−1	0	1.35
23840		05 07 34.01	−63 23 58.5	5.19	2	H	76.891 713 06	−63.399 570 18		5.20	12.57	−44.74	0.43	0.43	0.46	0.46	0.57	+0	+13	−16	−1	−1	+7	+1	+9	+15	+7	1	1.99
23841		05 07 34.29	−54 59 20.9	7.33		H	76.892 891 50	−54.989 143 29		15.05	−48.89	53.86	0.55	0.58	0.61	0.54	0.61	−1	−7	+18	−3	−16	−7	−16	+9	+12	−5	0	0.52
23842		05 07 34.78	−24 07 57.1	9.69	2	H	76.894 928 48	−24.132 521 44		−1.58	1.76	−3.75	0.67	1.27	1.65	0.84	1.66	−9	−2	−20	+9	−5	+18	−4	+23	−15	+4	0	2.02
23843		05 07 34.87	+02 28 08.9	7.61		H	76.895 308 15	+02.469 147 30		5.35	−1.22	−8.32	0.94	0.69	1.30	1.20	0.78	+3	+31	−45	+22	+2	+10	+0	+33	−18	+33	0	0.18
23844		05 07 35.55	−13 59 11.6	7.96		H	76.898 108 23	−13.986 564 19		7.31	−7.60	34.80	0.68	0.63	0.95	0.74	0.70	+5	+27	−10	+9	−2	+0	−5	+25	−17	−2	0	1.20
*23845		05 07 36.75	−88 52 13.1	8.73		H	76.903 139 24	−88.870 312 04		4.78	6.45	13.23	0.66	0.70	0.77	0.77	0.83	−17	+6	−17	−22	+9	+2	+9	+2	+4	−15	1	0.78
*23846		05 07 35.90	+04 32 30.4	7.98		G	76.899 566 80	+04.541 781 48		2.22	−0.15	−3.85	0.89	0.57	1.02	1.02	0.67	+20	+34	−10	+25	+11	+0	+3	+45	−23	+23	0	0.72
*23847		05 07 36.60	+15 58 05.4	9.59		H	76.902 495 61	+15.968 171 97		8.17	−4.78	−28.07	1.45	0.95	1.88	2.16	1.04	+4	+28	−39	+9	+38	−46	+9	+57	−36	+31	0	0.63
23848		05 07 36.80	−19 02 06.0	8.55		H	76.903 318 54	−19.034 989 18		1.69	1.54	12.38	0.65	0.75	1.12	1.08	1.08	+21	−2	−1	+9	−37	+2	−26	+23	−2	−39	1	1.32
23849		05 07 36.89	+43 25 15.7	8.73		H	76.903 694 70	+43.421 020 35		2.18	2.34	−0.95	1.24	0.73	1.39	1.26	0.82	+5	+51	−17	+24	−2	+11	−14	+54	−22	+23	0	−0.66
23850		05 07 37.10	+32 45 50.9	7.45		H	76.904 588 31	+32.764 127 56		3.63	22.43	−41.25	0.81	0.47	0.89	0.93	0.52	+8	+25	−7	−2	+12	+17	−2	+53	−15	+28	0	1.59
23851		05 07 38.09	−33 59 37.7	9.13		H	76.908 699 72	−33.993 813 30		10.19	34.91	17.25	0.79	0.84	1.07	0.85	1.00	−7	+21	−10	+24	−22	+26	−25	−4	−9	−14	0	0.56
23852		05 07 38.32	+09 28 21.8	6.15		H	76.909 651 66	+09.472 709 28		35.34	−5.61	−382.35	0.74	0.49	0.82	0.88	0.57	+31	+24	+3	+41	+15	−12	+12	+57	−16	+34	0	1.60
23853		05 07 38.38	−45 34 24.9	8.85		H	76.909 914 31	−45.573 569 57		1.31	9.01	12.69	0.75	0.77	0.82	0.88	0.91	−18	+10	+1	−32	+7	+7	+6	−26	−9	−27	0	−0.41
23854		05 07 38.49	+23 16 43.1	9.09		H	76.910 376 26	+23.278 637 61		12.65	36.62	−11.76	1.66	0.65	1.86	1.54	0.72	−9	+73	−18	−13	+7	−14	−15	+49	−25	+6	0	1.25
23855		05 07 38.56	−28 58 38.7	8.23		H	76.910 659 45	−28.977 429 04		6.25	1.76	−11.75	0.62	0.81	1.06	0.74	1.08	−6	+10	−20	−6	+3	+7	+5	+16	+10	+2	0	0.63
*23856		05 07 39.01	−43 58 11.7	8.24		H	76.912 528 92	−43.969 910 23		1.92	2.70	11.21	0.68	0.74	0.82	0.79	0.79	−3	+25	+5	+2	−6	+13	−7	+2	−6	−13	1	0.05
*23857		05 07 39.00	−53 33 26.9	7.93		H	76.912 518 27	−53.557 472 22		16.43	−11.82	68.76	0.59	0.68	0.67	0.60	0.79	−9	−2	+22	+10	+0	−4	+0	+26	+7	+1	1	−0.48
23858		05 07 39.47	+12 32 28.3	8.18		H	76.914 476 83	+12.541 199 24		3.53	7.88	−1.68	0.97	0.57	1.19	1.02	0.60	+5	+30	−25	−6	+23	−6	+5	+39	−29	+32	0	0.81
23859		05 07 40.49	−25 02 56.0	8.23		H	76.918 721 75	−25.048 878 17		1.30	−3.23	−7.23	0.41	0.67	0.94	0.49	0.83	−15	+10	−24	−2	−9	−6	−11	+15	+5	−12	1	−0.07
23860		05 07 40.66	+24 49 32.6	8.80		H	76.919 400 13	+24.825 710 53		4.84	29.86	−3.50	1.17	0.69	1.29	1.93	0.80	+6	+1	−22	+5	+23	−7	+18	+65	−37	−2	2	0.27
23861	H	05 07 41.12	−45 46 00.4	9.10		H	76.921 317 92	−45.766 778 20	A	2.71	1.92	−6.85	1.17	1.23	1.18	1.21	1.33	−12	+2	+6	−24	+3	+2	+1	−19	−16	−15	0	0.74
23862		05 07 42.36	−17 17 18.8	7.22		H	76.926 479 73	−17.288 550 08		5.40	5.56	−78.12	0.68	0.60	0.91	0.78	0.74	−8	+18	−23	−37	−9	+6	−1	+3	−18	−35	0	1.82
23863		05 07 43.42	−59 29 01.5	8.75		H	76.930 928 77	−59.483 747 73		9.52	−24.54	−136.09	0.78	0.74	0.88	0.86	0.83	+7	−35	−17	−5	+0	+4	+2	−30	+10	+21	0	−0.15
23864	H	05 07 44.12	−09 51 53.4	8.66		H	76.933 832 51	−09.864 843 45	A	5.17	−11.83	−3.17	1.58	1.26	1.79	1.78	1.27	−28	+23	−30	+46	−44	+20	−39	+14	+3	−39	1	0.08
23865		05 07 46.16	+55 45 33.1	6.92		H	76.942 324 97	+55.759 193 12		4.68	27.03	−12.35	0.76	0.63	0.91	0.78	0.65	−2	+33	−26	+2	+14	−2	+7	+14	−12	+29	0	0.23
23866		05 07 46.20	+10 53 42.2	7.04		G	76.942 490 80	+10.895 067 54		4.61	7.53	0.17	0.76	0.49	0.90	0.93	0.58	+19	+23	−15	+32	+16	−8	+7	+59	−26	+29	2	0.32
23867		05 07 46.26	+00 15 23.8	9.41		H	76.942 747 03	+00.256 615 11		6.04	2.91	−22.74	1.13	0.82	1.40	1.43	1.07	+13	+34	−11	+14	+10	+11	+6	+33	−7	+27	0	0.00
23868		05 07 47.04	−33 51 54.4	12.66	3	H	76.946 008 27	−33.865 101 71		1.81	4.15	−11.08	2.99	3.74	4.20	3.77	4.47	−25	+20	−13	+4	−14	+19	−12	−20	−1	−28	1	−0.25
23869		05 07 47.52	+69 31 44.3	8.61		H	76.947 984 83	+69.528 973 00		23.54	52.41	−179.70	0.62	0.79	1.19	0.71	0.93	−13	−10	−1	−30	+1	+15	−2	−5	+17	−4	0	−0.84
23870		05 07 47.61	−46 45 37.1	9.59		G	76.948 388 26	−46.760 299 02		11.60	1.65	−180.75	0.90	0.91	1.02	1.20	1.10	−8	+9	+24	+11	−2	+2	−4	+11	−12	−15	2	1.05
23871		05 07 48.43	+20 25 06.4	5.28		H	76.951 785 65	+20.418 454 85		18.80	−49.12	−31.33	0.74	0.44	0.82	0.85	0.51	+3	+42	−10	−11	+17	+7	+16	+15	−4	+0	2	1.94
23872	H	05 07 49.36	−43 11 16.5	9.48		H	76.955 682 53	−43.187 913 03	A	2.51	−5.26	−12.72	2.03	1.82	1.44	1.36	1.49	+3	+1	+2	−16	−11	+7	−8	−15	−11	−11	1	−1.40
23873		05 07 49.56	+30 24 05.4	10.20	3	H	76.956 505 49	+30.401 486 99		14.18	9.69	−21.92	6.31	3.54	6.84	7.36	3.91	+1	+27	−9	−13	+6	+6	−5	+39	−19	+15	0	
23874		05 07 49.82	−12 35 32.8	6.33	2	H	76.957 586 78	−12.592 441 55		4.27	−21.91	−88.90	0.63	0.49	0.75	0.63	0.55	−19	+38	−15	+27	−26	+1	−26	+34	−6	−22	0	0.49
23875		05 07 51.03	−05 05 10.5	2.78		G	76.962 641 46	−05.086 262 82		36.71	−83.39	−75.44	0.68	0.52	0.76	0.85	0.62	−19	−6	−16	+30	−36	−13	−40	+37	+9	−15	0	−1.28
23876		05 07 51.67	−76 26 23.9	9.04		H	76.965 272 89	−76.439 960 53		10.92	33.52	97.44	0.71	0.67	0.74	0.72	0.90	+0	+19	−3	−12	+0	+5	−1	+5	−8	−2	0	0.13
23877	H	05 07 52.41	+54 59 12.1	7.95		H	76.968 354 98	+54.986 688 14	A	2.36	−4.96	−14.06	2.00	1.89	2.24	2.08	1.91	+0	+11	−15	−6	−25	+34	−24	+1	+5	+27	0	−0.52
23878		05 07 52.71	+39 51 06.2	8.38		H	76.969 630 14	+39.851 729 85		3.80	−1.18	−4.83	1.00	0.62	1.19	1.13	0.66	+14	+27	−25	+11	+11	−4	+3	+55	−32	+18	0	1.03
23879	H	05 07 52.87	+08 29 54.9	5.33		G	76.970 304 87	+08.498 573 48	A	16.84	34.96	−59.49	1.45	1.01	1.32	1.48	1.00	+18	+25	−26	+32	+22	−12	+11	+54	−27	+35	16	2.17
23880	H	05 07 53.50	+45 45 08.0	9.89		G	76.972 909 47	+45.752 234 71	A	6.47	−0.88	−4.31	2.07	1.56	2.15	2.27	1.62	+12	+14	−23	+20	−6	−18	−10	+48	−29	+15	0	0.15
23881		05 07 53.57	−46 16 11.7	8.67		H	76.973 221 49	−46.269 904 74		10.53	49.13	120.96	0.80	0.71	0.76	1.16	0.88	−10	+19	+8	−56	+6	−14	+12	−22	−11	−24	0	0.07
23882		05 07 54.34	−39 33 48.7	8.61		H	76.976 403 82	−39.563 538 77		5.91	26.26	30.28	0.58	0.68	0.76	0.63	0.76	−5	−1	−11	−21	−4	+23	−2	−20	+9	+3	0	0.42
23883		05 07 55.43	+21 42 17.4	5.84	2	T	76.980 978 47	+21.704 835 96		3.16	1.75	−6.24	0.73	0.44	0.81	0.77	0.46	+2	+25	−16	−13	+30	+17	+18	+32	−14	+28	0	1.12
23884		05 07 55.81	+26 19 41.2	7.60		G	76.982 539 29	+26.328 124 89		28.38	−69.17	−66.96	0.97	0.50	1.08	0.99	0.56	+10	+39	+1	−11	+27	+3	+7	+48	−28	+20	0	−0.56
23885		05 07 55.90	+76 38 11.0	8.34		H	76.982 910 57	+76.636 383 76		4.15	11.78	−27.71	0.55	0.69	0.82	0.62	0.88	−7	+1	+10	−20	+10	+16	+9	−18	−4	−14	0	0.24
23886	H	05 07 56.06	−62 02 48.3	9.00		G	76.983 585 82	−62.046 745 60	A	0.36	−9.32	3.50	1.19	1.21	1.12	1.17	1.57	−16	+10	−7	−15	+16	−5	+21	−7	+6	−7	1	−0.16
23887		05 08 00.26	+44 18 26.2	9.70		G	77.001 094 71	+44.307 289 71		16.13	195.38	22.78	1.63	0.97	1.84	1.79	1.11	+25	+45	−2	+8	+8	+7	−5	+46	−15	+44	0	−1.45
23888		05 08 00.34	−20 07 16.0	7.32		H	77.001 429 20	−20.121 107 58		4.01	26.51	−62.74	0.55	0.57	0.82	0.65	0.65	+18	+18	−7	−9	−28	+9	−21	+6	−7	−18	0	−1.32
23889		05 08 00.98	−26 47 50.5	8.05		H	77.004 064 53	−26.797 358 79		11.51	55.61	−46.25	0.45	0.68	0.90	0.56	0.87	−7	+7	−30	−11	−2	+7	−2	+13	−12	−3	0	1.51
23890		05 08 01.39	−35 13 24.1	9.55		H	77.005 785 12	−35.223 371 83		9.75	94.41	−16.35	0.80	0.94	1.13	0.96	1.34	−7	+7	−6	+4	−7	−1	−9	−7	−22	−5	0	0.63
23891	H	05 08 03.16	+73 35 29.3	8.08		H	77.013 182 54	+73.591 478 32	A	6.49	−22.43	3.95	0.79	1.08	1.20	0.80	1.19	−10	−5	+1	−2	+6	−4	+10	+1	+5	−16	1	0.79
23892		05 08 03.71	+03 18 31.2	10.82		H	77.015 474 12	+03.308 668 65		8.06	13.41	−42.05	2.25	1.55	2.61	3.19	2.00	+14	+29	−23	−5	−14	+6	−11	−3	+4	+36	5	1.87
23893		05 08 03.74	−06 13 08.0	7.44		H	77.015 590 30	−06.218 886 07		4.51	64.52	−38.75	0.75	0.55	0.96	0.90	0.65	−19	+9	−10	+12	−46	−9	−43	+4	+20	−26	0	0.95
23894		05 08 03.88	+36 57 36.7	10.05		H	77.016 162 32	+36.960 196 11		2.84	3.33	−3.21	1.78	1.25	1.97	2.45	1.47	+13	+27	−24	+7	+16	−2	+2	+74	−30	+28	0	0.43
23895		05 08 04.48	−78 46 09.1	8.40		H	77.018 658 96	−78.769 190 30		2.38	−11.02	−1.91	0.63	0.53	0.68	0.86	0.80	−19	+9	−12	−19	−3	−1	−4	−14	+7	−19	0	0.52
23896		05 08 05.00	+07 53 55.5	6.66		G	77.020 840 88	+07.898 762 15		13.57	−30.88	−147.74	1.10	0.54	1.20	1.73	0.93	+4	+59	−6	+25	+15	−0	−28	+7	−24	−53	0	2.33
23897		05 08 05.76	+15 51 19.0	7.24		H	77.024 002 13	+15.855 270 33		8.48	15.82	−12.52	0.94	0.61	1.08	1.20	0.66	+20	+29	−24	+20	+28	−24	+11	+50	−31	+34	0	1.30
23898		05 08 06.31	+14 31 58.3	7.88		H	77.026 282 75	+14.532 867 10		3.53	−0.34	−6.46	0.94	0.58	1.08	0.97	0.63	+11	+39	−19	+5	+29	−11	+12	+38	−27	+29	0	0.62
23899		05 08 06.38	+03 44 54.9	7.23		H	77.026 587 09	+03.748 585 36		6.95	−1.88	−1.11	0.79	0.54	0.89	1.02	0.66	+24	+31	−7	+12	+23	−2	+16	+31	−18	+19	0	0.67
23900	H	05 08 06.62	+24 15 54.7	5.50		H	77.027 592 84	+24.265 187 65	A	1.01	1.74	−5.29	1.17	0.74	0.95	1.24	0.59	+9	+26	−13	+2	+18	+3	+8	+47	−27	+1	2	1.06

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
23801	9.908	0.022	9.247	0.020		0.603	0.022	T	0.67	0.02	L	9.3398	0.0019	0.018	103		9.31	9.37					1							
23802	7.932	0.011	7.356	0.008		0.549	0.006	G	0.62	0.01	H	7.4142	0.0015	0.009	67		7.40	7.43		C			1							S
23803	9.652	0.018	8.594	0.012	*	0.918	0.017	T	0.92	0.01	L *	8.6212	0.0017	0.018	135	*	8.59	8.65			05069+7800	H 1	2 C S A	AB	249	0.143	0.023	1.34	0.56	
23804	9.204	0.017	9.118	0.021	*	0.110	0.015	G	0.12	0.01	H *	9.1434	0.0016	0.014	86	*	9.12	9.16		C	05070+1150	H 1	2 C D	AB	199	0.637	0.052	3.84	0.20	D
23805	10.256	0.028	9.766	0.027		0.420	0.015	G	0.49	0.02	H	9.8519	0.0025	0.027	132		9.78	9.90		C			1 X							
23806	8.881	0.011	8.412	0.011		0.455	0.012	T	0.52	0.01	L	8.4672	0.0017	0.018	136		8.44	8.50					1							
23807	9.002	0.017	8.521	0.017	A	0.488	0.015	G	0.56	0.02	H	8.5650	0.0067	0.012	78	A	8.54	8.58		D	05070+1650	I 2	1 C P D							S D
23808	10.001	0.025	9.029	0.018		0.853	0.023	T	0.87	0.02	L	9.0649	0.0018	0.017	103		9.04	9.10		C			1							
23809	11.095	0.084	10.382	0.070		0.585	0.072	G	0.66	0.07	R	10.4767	0.0183	0.095	63		10.35	10.62	0.43	P 1 A			1							G P
23810	11.012	0.070	10.083	0.047	B	0.821	0.062	T	0.84	0.04	L	10.4349	0.0265			B				D	05070+1650	I 2	1 C I D							D
23811	10.167	0.060	8.155	0.022		1.590	0.015	G	1.60	0.09	H	8.1158	0.0022	0.013	72		8.09	8.13					1							
23812	10.379	0.032	8.746	0.015		1.367	0.028	T	1.34	0.03	L	8.7185	0.0025	0.019	95		8.69	8.75					1							
23813	8.404	0.011	8.195	0.012		0.200	0.015	T	0.22	0.02	L	8.2446	0.0015	0.017	118		8.22	8.28		C	05071+5920	I 1	1 S							
23814	8.765	0.014	7.795	0.011		0.852	0.013	T	0.87	0.01	L	7.7927	0.0016	0.011	84		7.77	7.81		R			1 S							S
23815	10.926	0.044	8.812	0.013		1.788	0.038	T	2.25	0.08	O	8.6703	0.0054	0.043	125		8.59	8.74		U 2			1							
23816	7.618	0.008	7.088	0.006		0.506	0.008	T	0.58	0.01	L	7.1484	0.0011	0.011	108		7.14	7.17		C			1							S
23817	10.382	0.034	9.919	0.034		0.418	0.015	G	0.48	0.02	H	10.0184	0.0049	0.057	104		9.77	10.09		U 2			1 S							
23818	7.271	0.004	6.533	0.004		0.648	0.002	G	0.71	0.00	H	6.5994	0.0007	0.007	185		6.59	6.61		C	05072−1924	I 1	1 G							S
23819	8.455	0.011	8.315	0.013		0.131	0.004	G	0.15	0.00	H	8.3481	0.0014	0.012	77		8.33	8.36		C			1							S
23820	12.186	0.227	11.530	0.194		0.574	0.003	G	0.62	0.02	A	11.5780	0.0044	0.036	100		11.51	11.65					1							G
23821	7.905	0.011	7.530	0.011		0.366	0.013	T	0.43	0.01	L	7.5616	0.0016	0.009	62		7.55	7.57		C			1							S
23822	10.221	0.020	8.306	0.008		1.590	0.017	T	1.61	0.02	L	8.2484	0.0013	0.015	203		8.22	8.28					1 S							
23823	10.215	0.024	8.765	0.013		1.223	0.021	T	1.18	0.02	L	8.7825	0.0020	0.023	155		8.75	8.84			05073−2239	I 1	1							
23824	7.456	0.006	6.869	0.004	*	0.573	0.001	G	0.65	0.00	H *	6.9259	0.0009	0.008	121	*	6.91	6.95		D	05073−8352	H 1	2 C A	AB	200	0.226	0.019	2.53	0.27	S
23825	8.363	0.012	8.329	0.015		−0.020	0.015	G	0.06	0.01	L	8.3526	0.0013	0.013	87		8.33	8.37		C			1							
23826	8.692	0.014	8.698	0.018	A	0.162	0.095	G	0.05	0.04	L *	8.6173	0.0018	0.012	63	*	8.60	8.64		D	05074+0227	I 1	2 C B	AB	350	1.610	0.030	2.63	0.14	
23827	9.247	0.017	8.992	0.020		0.243	0.025	T	0.27	0.03	L	8.9970	0.0027	0.015	77		8.97	9.03		C			1							
23828	7.504	0.010	7.415	0.010		0.087	0.013	T	0.10	0.01	L	7.4393	0.0017	0.012	74		7.42	7.46			05074+5018	I 1	1 S							S
23829	8.783	0.012	8.534	0.013		0.237	0.017	T	0.26	0.02	L	8.5894	0.0021	0.019	94		8.55	8.62					1							S
23830	9.418	0.024	8.956	0.024		0.435	0.031	T	0.50	0.03	L	9.0019	0.0023	0.020	75		8.98	9.03		C			1							
23831	6.702	0.004	6.029	0.004		0.606	0.003	G	0.67	0.02	A	6.0929	0.0008	0.006	82		6.08	6.10		C			1							S
23832	10.247	0.039	8.488	0.017		1.466	0.034	T	1.48	0.05	L	8.4593	0.0026	0.014	62		8.43	8.48					1							
23833	6.790	0.005	6.893	0.005		−0.094	0.004	G	−0.08	0.01	H	6.8866	0.0026	0.018	103		6.87	6.91	1.15	P 1 A			1							S P
23834	6.865	0.004	6.976	0.006		−0.104	0.006	G	−0.09	0.01	H	6.9699	0.0011	0.009	101		6.95	6.99					1							S
23835	5.710	0.003	4.988	0.003		0.657	0.012	G	0.74	0.07	F	5.0444	0.0007	0.005	70		5.03	5.06		C	05075+1839	I 1	1							S
23836	8.814	0.012	7.699	0.008		0.961	0.011	T	0.95	0.01	L	7.7756	0.0013	0.013	126		7.75	7.81		C			1							
23837	8.833	0.013	8.844	0.017		−0.029	0.012	G	0.01	0.01	L	8.8726	0.0020	0.016	81		8.84	8.89		C			1							
23838	8.002	0.014	7.439	0.014	A	0.558	0.015	G	0.63	0.01	H *	7.4180	0.0012	0.010	80	*	7.41	7.43		D	05075+5532	I 1	2 C A	AB	239	1.299	0.008	1.65	0.02	S
23839	10.271	0.028	9.776	0.028		0.477	0.030	T	0.55	0.03	L	9.8800	0.0024	0.030	136		9.82	9.94		C			1							
23840	7.286	0.009	5.398	0.006		1.646	0.002	G	2.37	0.04	G	5.2250	0.0048	0.042	91		5.16	5.29		U 2			1 S							S P
23841	7.881	0.008	7.385	0.006		0.490	0.003	G	0.56	0.00	H	7.4386	0.0011	0.012	106		7.42	7.46		C			1							S
23842	11.804	0.071	9.975	0.022		1.553	0.061	T	2.08	0.46	K	9.7633	0.0050	0.053	219		9.68	9.85		U 2			1 S							
23843	7.512	0.007	7.592	0.009		−0.068	0.010	T	−0.05	0.01	L	7.5920	0.0015	0.011	61		7.58	7.61		C			1							S
23844	9.161	0.014	8.056	0.010		0.953	0.013	T	0.94	0.01	L	8.1259	0.0014	0.014	118		8.10	8.15					1							
23845	8.991	0.012	8.779	0.014		0.196	0.018	T	0.21	0.02	L	8.7941	0.0019	0.018	118		8.76	8.82			05076−8852	I 1	1							
23846	7.934	0.009	7.967	0.013		−0.036	0.003	G	−0.01	0.00	H	7.9802	0.0013	0.011	68		7.96	8.00		C			1							S
23847	10.195	0.037	9.644	0.035		0.516	0.046	T	0.59	0.05	L	9.6979	0.0034	0.019	62		9.67	9.72		C			1							
23848	10.703	0.030	8.712	0.010		1.650	0.025	T	1.67	0.03	L	8.6651	0.0017	0.022	158		8.63	8.69					1							
23849	8.962	0.015	8.771	0.017		0.183	0.021	T	0.20	0.02	L	8.7942	0.0026	0.019	76		8.77	8.82					1							
23850	9.228	0.015	7.585	0.008		1.375	0.013	T	1.35	0.02	L	7.5982	0.0010	0.007	95		7.58	7.61		C			1							
23851	9.735	0.017	9.167	0.016		0.535	0.017	T	0.61	0.02	L	9.2435	0.0020	0.020	121		9.20	9.28					1							
23852	6.921	0.005	6.239	0.004		0.625	0.003	G	0.73	0.07	F	6.2920	0.0007	0.005	93		6.28	6.30		C	05074+0928	I 1	1							S
23853	10.511	0.036	8.991	0.017		1.278	0.031	T	1.24	0.03	L	9.0146	0.0021	0.014	104		8.98	9.04		C			1							
23854	9.721	0.023	9.174	0.023		0.512	0.029	T	0.58	0.03	L	9.2036	0.0016	0.013	86		9.18	9.22		C			1							G
23855	9.566	0.017	8.347	0.011		1.042	0.016	T	1.01	0.01	L	8.3944	0.0018	0.018	131		8.36	8.42					1							
23856	10.060	0.025	8.406	0.012		1.383	0.022	T	1.36	0.03	L	8.3828	0.0020	0.016	106		8.35	8.42		C			1							
23857	8.523	0.011	7.983	0.010		0.524	0.009	G	0.60	0.01	H	8.0426	0.0012	0.010	99		8.02	8.06		C			1							S
23858	9.057	0.016	8.272	0.013		0.778	0.015	G	0.81	0.01	H	8.3331	0.0017	0.010	67		8.32	8.35		C			1							S
23859	9.402	0.011	8.332	0.008		0.927	0.010	T	0.92	0.01	L	8.3871	0.0010	0.013	230		8.36	8.42					1							
23860	9.334	0.019	8.845	0.019		0.460	0.024	T	0.53	0.03	L	8.9062	0.0016	0.012	99		8.89	8.93		C			1							
23861	9.059	0.013	9.145	0.017	A	0.400	0.495	G	−0.02	0.06	L *	9.0906	0.0023	0.015	110	*	9.07	9.12		C	05077−4546	I 1	2 C B	AB	53	7.836	0.036	3.34	0.14	
23862	8.737	0.011	7.341	0.007		1.180	0.010	T	1.14	0.01	L	7.3854	0.0011	0.010	106		7.37	7.40		C			1							S
23863	9.406	0.020	8.821	0.018		0.548	0.020	T	0.62	0.02	L	8.8709	0.0014	0.015	73		8.85	8.89		C			1							
23864	8.919	0.015	8.747	0.017	A	0.000	0.495	G	0.11	0.04	L *	8.7013	0.0021	0.019	93	*	8.67	8.75			05077−0952	I 1	2 C A	AB	225	1.917	0.016	2.68	0.06	
23865	8.649	0.013	7.062	0.007		1.330	0.012	T	1.29	0.01	L	7.0745	0.0013	0.009	74		7.05	7.09		C			1							S
23866	7.115	0.006	7.061	0.006		0.056	0.002	G	0.07	0.00	H	7.0675	0.0008	0.008	92		7.05	7.08		C			1							S
23867	9.874	0.026	9.407	0.026		0.440	0.034	T	0.51	0.04	L	9.5067	0.0015	0.018	68		9.47	9.54		D			1							
23868											T	12.8316	0.0465	0.376	87		12.11	13.19	0.49	P 1 A			1							G P
23869	9.578	0.015	8.678	0.011		0.785	0.014	T	0.82	0.01	L	8.7481	0.0017	0.019	183		8.71	8.78					1							
23870	10.388	0.031	9.608	0.025		0.662	0.002	G	0.72	0.00	H	9.7249	0.0031	0.025	102		9.67	9.76					1							
23871	5.434	0.003	5.304	0.004		0.118	0.005	T	0.13	0.01	L	5.3302	0.0005	0.004	72		5.32	5.34		C			1 G							S
23872	10.019	0.028	9.545	0.028	*	0.459	0.031	T	0.53	0.03	L *	9.5848	0.0028	0.018	91	*	9.55	9.62		D	05078−4311	H 1	2 C A	AB	72	0.393	0.011	1.98	0.07	
23873	10.864	0.055	10.379	0.061		0.469	0.063	T	0.54	0.07	L	10.3050	0.0565	0.330	93		9.86	11.05		U 2	05078+3024	I 1	1 X S							G P
23874	8.446	0.013	6.540	0.006		1.617	0.012	T	2.17	0.04	O	6.3939	0.0049	0.027	81		6.37	6.45		U 2			1							S
23875	2.976	0.002	2.808	0.002		0.161	0.003	T	0.16	0.02	A	2.8258	0.0004	0.003	77		2.82	2.83		C	05079−0506	I 1	1							S
23876	9.674	0.020	9.116	0.018		0.527	0.020	T	0.60	0.02	L	9.1578	0.0016	0.016	105		9.13	9.19		C			1							
23877	8.225	0.011	8.088	0.013	*	0.132	0.016	T	0.15	0.02	L *	7.9942	0.0020	0.012	65	*	7.97	8.02		D	05079+5459	I 1	2 C A	AB	303	0.977	0.004	0.13	0.02	S
23878	8.387	0.012	8.378	0.015		0.013	0.018	T	0.03	0.02	L	8.3946	0.0013	0.014	95		8.38	8.42					1							
23879	5.753	0.004	5.390	0.004	*	0.338	0.003	G	0.37	0.03	C *	5.4153	0.0005	0.004	78	*	5.41	5.42		D	05079+0830	I 1	2 C A	AB	345	0.680	0.002	0.90	0.01	S
23880	9.935	0.027	9.925	0.039	A	0.080	0.015	G	0.09	0.02	H *	9.9092	0.0031	0.022	76	*	9.87	9.95			05079+4545	H 1	2 C D	AB	227	4.014	0.110	3.74	0.36	G D
23881	9.395	0.016	8.728	0.014		0.608	0.016	T	0.68	0.01	L	8.7988	0.0016	0.014	110		8.78	8.82		C			1 G							
23882	9.007	0.012	8.653	0.013		0.379	0.015	G	0.44	0.02	H	8.7006	0.0013	0.015	120		8.68	8.73		C			1							
23883	6.044	0.007	5.861	0.007		0.168	0.010	T	0.18	0.01	L	5.8667	0.0074	0.046	78		5.82	5.96		U 2	05079+2142	I 1	1							S
23884	8.398	0.011	7.655	0.007		0.664	0.003	G	0.73	0.00	H	7.7361	0.0011	0.009	102		7.72	7.75		C			1							S
23885	8.759	0.009	8.390	0.010		0.380	0.004	G	0.44	0.00	H	8.4317	0.0021	0.019	156		8.40	8.47					1							
23886	10.438	0.031	9.133	0.018	A	1.116	0.006	G	1.08	0.01	H *	9.1634	0.0022	0.017	105	*	9.14	9.19			05079−6203	H 1	2 C D	AB	154	2.185	0.082	4.03	0.31	D
23887	10.715	0.063	9.814	0.045		0.900	0.020	G	0.94	0.02	I	9.8372	0.0029	0.017	64		9.80	9.87		C			1							G
23888	8.721	0.009	7.437	0.006		1.093	0.008	T	1.05	0.01	L	7.4904	0.0013	0.012	147		7.47	7.51		C			1							S
23889	8.829	0.009	8.118	0.008		0.641	0.009	T	0.71	0.01	L	8.1815	0.0010	0.013	177		8.16	8.21					1							S
23890	10.471	0.031	9.667	0.025		0.711	0.030	T	0.77	0.03	L	9.6835	0.0028	0.027	127		9.63	9.73		C			1							
23891	8.450	0.007	8.174	0.008	A	0.400	0.495	G	0.28	0.02	L *	8.1485	0.0014	0.015	194	*	8.12	8.18		D	05080+7335	I 1	2 C A	AB	13	1.310	0.010	1.92	0.03	S
23892	11.648	0.150	10.757	0.100		0.604	0.071	G	0.67	0.06	R	10.9477	0.0065	0.039	60		10.86	11.01		C			1							G
23893	8.907	0.012	7.575	0.007		1.130	0.011	T	1.09	0.01	L	7.6097	0.0011	0.009	120		7.59	7.62		C			1							S
23894	11.985	0.154	10.182	0.048		1.565	0.020	G	1.54	0.02	J	10.1710	0.0024	0.023	91		10.13	10.21		C			1							D
23895	9.719	0.019	8.513	0.012		1.032	0.018	T	1.00	0.01	L	8.5725	0.0015	0.015	121		8.54	8.60					1							
23896	7.922	0.009	6.789	0.005		0.980	0.015	G	0.99	0.04	D	6.8332	0.0007	0.005	75		6.82	6.84					1 G							S
23897	8.801	0.014	7.369	0.008		1.208	0.013	T	1.17	0.01	L	7.4066	0.0013	0.008	72		7.39	7.42		C			1							S
23898	9.175	0.017	8.008	0.012		1.001	0.016	T	0.98	0.01	L	8.0416	0.0023	0.015	74		8.02	8.07					1							S
23899	7.340	0.006	7.243	0.008		0.095	0.009	T	0.11	0.01	L	7.2643	0.0013	0.008	67		7.25	7.28		C			1							S
23900	5.540	0.003	5.507	0.003	*	0.030	0.004	T	0.05	0.00	L *	5.5170	0.0008	0.007	88	*	5.51	5.53		D	05081+2416	I 1	2 C A	AD	207	0.368	0.013	3.10	0.05	S

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α deg (ICRS) (8)	δ deg (ICRS) (9)	(10)	Par. π mas (11)	μα* mas/yr (12)	μδ mas/yr (13)	α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	F1 % (29)	F2 (30)
23901		05 08 06.99	−49 17 49.9	7.44		H	77.029 104 53	−49.297 190 21		9.21	31.65	20.26	0.55	0.55	0.61	0.58	0.69	−2	+5	+0	+3	−4	+4	−7	+15	−12	+9	0	0.19
23902		05 08 07.09	−21 28 16.6	8.58		H	77.029 552 48	−21.471 286 86		8.69	−19.41	−80.31	0.77	0.90	1.16	1.15	1.12	−44	+6	+1	+36	−47	−1	−43	+49	−7	−50	1	−0.09
23903		05 08 07.45	−00 36 30.1	9.09		H	77.031 036 73	−00.608 361 63		3.49	−9.37	2.01	1.52	1.04	1.73	1.64	1.24	+10	+40	−12	+33	+8	−1	+1	+59	−11	+20	0	0.37
23904	H	05 08 07.92	+37 00 36.7	11.18		G	77.032 999 75	+37.010 204 64	A	−0.59	16.31	−18.30	10.72	7.13	7.24	11.49	6.97	+3	+12	−15	+21	−4	+10	−14	+72	−24	−2	0	1.59
23905		05 08 08.60	−09 06 23.8	8.63		H	77.035 844 32	−09.106 599 34		6.25	−2.44	5.57	0.95	0.71	1.12	1.09	0.78	−27	+22	−18	+43	−39	−4	−40	+15	+2	−32	0	2.41
23906		05 08 08.80	+28 22 33.1	8.79		H	77.036 657 74	+28.375 854 36		6.69	−4.78	−48.36	1.18	0.65	1.21	1.30	0.72	−3	+37	+0	+9	+5	+5	−10	+60	−8	+19	0	0.17
23907		05 08 12.56	+01 08 36.3	9.22		H	77.052 314 78	+01.143 424 58		4.78	−3.59	0.13	1.35	0.96	1.61	2.02	1.34	+26	+11	−23	−17	−3	+28	−2	+11	+8	+47	0	0.53
23908		05 08 13.26	−15 05 43.3	6.38		H	77.055 243 86	−15.095 358 37		4.59	−1.82	1.87	0.47	0.44	0.76	0.62	0.51	+14	+18	−7	−4	−18	−22	−16	+9	−8	−20	0	−0.49
23909	H	05 08 13.95	+21 48 48.0	8.53		H	77.058 116 13	+21.813 342 35	A	6.65	0.98	−17.46	1.47	0.82	1.40	1.54	0.79	−8	+13	−16	−24	+29	+14	+16	+23	−17	−8	0	−0.03
23910		05 08 14.74	−35 43 05.8	6.51		G	77.061 404 70	−35.718 286 39		6.24	−0.53	1.33	0.43	0.49	0.59	0.49	0.67	−7	+11	−17	+8	+1	+4	+1	+6	−15	+7	0	−0.34
23911	H	05 08 15.54	+42 54 06.9	8.67		G	77.064 754 72	+42.901 913 94	A	2.10	1.19	−3.15	2.22	1.59	1.74	1.64	0.94	−12	+39	−28	+25	−19	+15	−27	+30	−23	+3	0	−0.31
23912		05 08 15.86	+72 56 50.5	8.32		G	77.066 079 42	+72.947 373 31		5.15	19.93	−24.49	0.49	0.69	0.86	0.52	0.82	−6	+1	+2	+0	+10	+6	+12	−14	−3	−2	0	−0.19
23913		05 08 16.22	+52 22 03.3	9.07		G	77.067 597 95	+52.367 584 77		19.60	−3.93	−6.21	1.16	0.90	1.40	1.27	0.92	+21	+21	−14	−12	−19	+18	−15	−14	+0	+27	0	0.12
23914		05 08 18.89	+31 10 03.4	8.76		H	77.078 715 24	+31.167 608 48		3.05	3.59	−16.39	1.15	0.59	1.25	1.28	0.65	−8	+41	−18	+7	+15	+20	−3	+64	−29	+5	0	−0.36
23915		05 08 19.98	−49 45 17.6	9.36		H	77.083 245 70	−49.754 898 42		2.51	−4.38	−2.77	0.78	0.80	0.86	0.84	1.02	−11	−9	+11	+26	−6	−3	−5	+25	−17	+10	0	0.98
23916		05 08 20.19	−08 39 55.0	5.80	1	H	77.084 116 34	−08.665 273 89		4.29	3.68	−20.78	0.72	0.49	0.91	0.73	0.53	−32	+40	−15	+39	−32	−5	−36	+23	−12	−33	0	1.80
23917		05 08 20.36	+23 12 52.2	8.51		H	77.084 819 08	+23.214 489 90		3.56	−3.31	−11.75	1.15	0.56	1.29	1.22	0.60	−9	+61	−28	−2	+9	−2	−6	+39	−19	+14	0	−0.90
23918		05 08 20.90	−04 05 29.3	8.66		H	77.087 062 91	−04.091 461 15		1.86	3.23	−10.55	0.87	0.73	1.03	1.11	0.93	+4	+9	−8	+22	−1	−17	−6	+41	+2	+21	0	−1.02
23919		05 08 21.42	−02 17 22.6	8.26		G	77.089 255 34	−02.289 610 38		3.94	1.11	1.80	0.90	0.73	1.05	1.12	0.90	+16	+28	−21	+35	+26	−9	+16	+60	−21	+30	0	−0.95
23920		05 08 24.54	+02 27 44.4	9.25		G	77.102 230 98	+02.462 324 92		6.60	−21.29	17.18	1.69	1.39	2.48	1.97	1.55	+0	+42	−56	+36	+20	+1	+8	+54	−26	+52	0	1.13
23921		05 08 26.46	−40 54 44.8	8.04		H	77.110 231 08	−40.912 454 27		1.73	0.18	12.96	0.55	0.59	0.68	0.59	0.75	+8	+19	+2	−19	+2	−8	+1	+5	+0	+13	1	−0.08
23922		05 08 26.74	+55 25 15.5	9.35		G	77.111 410 63	+55.420 978 29	+	11.91	−59.56	−381.96	1.34	1.16	1.59	1.60	1.20	−13	+19	−16	−6	+7	+10	+9	−10	+0	−9	0	−0.09
23923		05 08 29.08	−41 12 53.5	10.11		H	77.121 168 70	−41.214 860 32	B	8.47	−64.08	276.34	32.99	29.96	11.53	12.70	15.61	−8	+5	+1	−1	+6	−11	+3	+10	+0	−1	5	1.25
23924	H	05 08 29.24	−56 59 15.4	8.26		G	77.121 824 71	−56.987 611 13	A	3.62	−4.00	40.06	2.78	3.58	2.19	3.30	4.49	−21	+3	−3	−4	+18	−18	+19	−9	+9	−39	2	1.87
23925		05 08 29.52	+50 46 04.7	9.60		H	77.123 016 81	+50.767 976 52		1.41	−0.58	−3.35	1.32	0.93	1.46	1.65	1.07	+8	+8	+1	+48	−8	−30	−6	+31	+1	+10	0	−0.78
23926		05 08 29.96	−41 12 51.7	6.75		H	77.124 852 02	−41.214 369 98	A	17.40	−75.06	283.57	1.02	1.06	0.95	1.02	1.19	−8	+7	−7	+7	+7	−12	+3	+2	−2	−3	5	1.25
23927		05 08 31.23	−18 07 10.8	7.53		H	77.130 105 24	−18.119 675 55		3.07	6.46	11.49	0.73	0.66	1.03	0.74	0.74	−8	+25	−35	−27	−9	+12	−4	+7	−12	−13	0	−0.12
23928		05 08 31.86	−21 04 13.9	9.55	2	H	77.132 744 34	−21.070 540 38		−1.53	4.48	0.05	1.04	1.13	1.53	1.35	1.39	−21	+20	−5	+25	−33	−3	−33	+32	−14	−34	0	3.47
23929		05 08 32.04	−02 49 28.1	7.07		H	77.133 516 36	−02.824 467 24		13.42	−28.62	−12.38	0.80	0.62	0.95	0.90	0.76	+3	+38	−26	+30	+19	+2	+8	+57	−23	+23	0	1.13
23930		05 08 33.29	−03 00 34.7	7.24		H	77.138 703 09	−03.009 637 40		10.43	27.62	11.50	0.83	0.61	1.03	0.94	0.79	−1	+41	−20	+23	+19	+6	+4	+52	−29	+13	0	0.06
23931		05 08 34.37	−17 19 41.5	8.55		G	77.143 201 49	−17.328 204 00		3.57	−4.42	4.82	0.85	0.79	1.15	1.07	1.04	−4	+6	−19	−24	−16	+10	−7	+9	−11	−29	0	−0.61
23932		05 08 34.74	−18 10 07.1	10.28		G	77.144 733 89	−18.168 645 10		107.30	503.75	−1400.17	1.26	1.34	2.00	1.24	1.45	−6	+26	−26	−26	−15	+9	−15	+3	−26	−22	0	0.29
23933		05 08 35.34	+28 16 24.4	6.96		H	77.147 243 48	+28.273 458 30		1.14	−1.38	−2.25	0.85	0.45	0.91	0.89	0.50	+9	+46	+0	+6	+6	+6	−5	+49	−12	+22	0	0.51
23934		05 08 37.47	+01 16 34.9	8.71		H	77.156 144 21	+01.276 354 44		4.65	−3.98	−6.04	1.04	0.81	1.26	1.31	1.05	+24	+31	−17	+13	+27	+11	+20	+47	−5	+47	2	−0.03
23935		05 08 37.68	−03 18 21.1	7.22		H	77.156 982 76	−03.305 853 85		10.94	−14.16	−25.42	0.75	0.62	0.88	0.88	0.78	+13	+28	−21	+34	+26	−9	+16	+58	−18	+33	0	−0.35
23936		05 08 38.48	−15 29 26.6	8.42		H	77.160 340 47	−15.490 727 74		1.16	−8.33	−5.27	0.74	0.75	1.22	0.97	0.87	−5	+26	−20	−2	−15	−16	−12	+27	−5	−25	2	−0.77
23937		05 08 39.04	+56 05 54.2	8.32		H	77.162 675 74	+56.098 380 10		2.27	−5.57	−13.65	0.79	0.72	1.06	0.90	0.80	+15	+24	−25	+7	+17	−14	+8	+21	−17	+39	0	0.13
23938		05 08 39.23	+13 57 59.2	8.92		H	77.163 473 25	+13.966 440 17		10.06	14.60	−29.30	1.14	0.68	1.28	1.19	0.74	+12	+39	−12	+4	+18	−13	+3	+35	−22	+33	0	0.06
23939		05 08 42.26	+15 06 13.8	7.98		H	77.176 097 41	+15.103 845 38		2.03	13.33	−9.14	1.04	0.58	1.18	1.12	0.61	−8	+43	−24	+0	+20	−11	+2	+29	−26	+9	0	0.58
23940		05 08 42.38	−43 14 08.3	10.02		H	77.176 586 34	−43.235 625 07		4.72	20.96	−35.99	0.94	1.04	1.11	1.00	1.13	−17	+8	−3	−18	−2	+6	−4	+3	+1	−9	1	1.08
23941		05 08 43.67	−04 27 22.5	5.11		G	77.181 944 75	−04.456 246 25		39.99	55.62	16.03	0.61	0.50	0.70	0.78	0.69	+7	−6	−20	+21	−22	−2	−27	+23	+11	+27	0	−0.52
23942		05 08 43.91	−53 14 16.7	8.85		H	77.182 967 88	−53.237 968 48		1.80	10.87	14.41	0.66	0.76	0.76	0.77	1.02	−7	+7	+13	+1	+3	−5	+4	+2	−4	−7	0	−0.78
23943		05 08 44.97	+75 53 35.2	8.67		H	77.187 395 18	+75.893 099 47		3.43	15.83	−23.77	0.61	0.78	0.98	0.73	0.98	+2	+1	+6	+9	+15	+22	+15	−15	+9	+3	0	−0.52
23944		05 08 45.89	+57 24 06.2	7.79		H	77.191 225 69	+57.401 733 63		4.13	−1.60	−8.87	0.61	0.59	0.92	0.82	0.74	+22	+12	−9	+8	+2	−10	+3	+15	+13	+25	0	0.12
23945		05 08 46.15	+11 45 08.2	7.25		H	77.192 309 33	+11.752 264 75		4.80	3.35	−14.14	0.87	0.55	1.02	0.89	0.59	+9	+37	−21	+9	+30	−10	+12	+48	−21	+40	2	−1.17
23946		05 08 46.62	+21 29 44.4	8.34	1	G	77.194 239 76	+21.495 663 58		3.48	2.03	−5.73	1.00	0.57	1.05	1.13	0.60	−9	+30	−16	−18	+29	+8	+12	+36	−14	+18	0	1.78
23947		05 08 48.02	+42 34 42.8	8.77	2	H	77.200 096 26	+42.578 545 36		2.39	6.46	−12.04	1.34	0.76	1.63	1.52	0.85	−13	+52	−32	+23	−19	+10	−28	+45	−34	−8	0	0.37
23948		05 08 48.83	+02 07 32.0	10.12		H	77.203 447 43	+02.125 551 53		1.70	2.14	5.47	1.84	1.46	2.43	2.55	1.98	+19	+35	−28	+29	+23	+15	+18	+50	−1	+57	0	−0.68
23949		05 08 50.43	+19 51 35.6	6.51		H	77.210 119 88	+19.859 894 02		5.94	6.24	−13.86	0.81	0.46	0.87	1.01	0.54	+3	+44	−4	+4	+4	+1	+2	+28	−6	−4	0	1.76
23950		05 08 50.89	−24 25 29.1	9.28	3	H	77.212 048 06	−24.424 757 00		0.86	6.56	11.98	0.56	1.04	1.41	0.65	1.25	−18	+13	−18	+10	−6	+10	−3	+1	+1	−4	0	0.91
23951	H	05 08 51.68	−12 54 58.4	7.89		G	77.215 328 80	−12.916 229 31	A	9.76	32.50	−14.00	1.35	1.12	1.55	1.27	1.06	−40	+35	−30	+4	−14	+13	−16	+21	−23	−18	2	0.62
23952		05 08 51.69	−22 38 05.4	7.96		H	77.215 388 34	−22.634 819 65		5.27	6.38	8.21	0.58	0.66	0.99	0.79	0.85	−7	+7	−13	−5	−6	+0	−6	+26	−28	−9	0	1.01
23953		05 08 52.35	−00 53 17.2	10.23		H	77.218 126 05	−00.888 118 71		4.11	1.69	−5.65	1.97	1.46	2.39	2.07	1.67	+13	+42	−14	+28	+14	−2	+6	+60	−12	+24	0	−1.09
23954		05 08 53.95	+39 29 17.8	8.02		H	77.224 789 43	+39.488 269 83		0.13	0.92	−2.62	0.95	0.62	1.09	1.12	0.66	+20	+23	−19	+7	+10	−4	+5	+57	−22	+25	0	0.20
23955		05 08 55.12	−02 31 16.7	8.63		H	77.229 660 05	−02.521 315 94		3.63	−9.52	−29.89	1.07	0.80	1.23	1.29	0.99	+1	+32	−19	+30	+14	−3	+7	+51	−11	+18	2	0.41
23956		05 08 55.27	+44 07 11.1	7.93		H	77.230 301 97	+44.119 757 86		4.56	31.57	−15.68	0.95	0.61	1.05	1.02	0.66	+23	+34	−2	+19	+10	+1	+3	+47	−12	+35	2	0.42
23957	H	05 08 56.16	+03 13 07.6	6.51		H	77.233 988 04	+03.218 787 69	*	6.31	−6.80	−26.15	1.15	0.72	0.88	1.05	0.74	+14	+21	−13	+17	+20	+2	+15	+34	−7	+34	2	0.22
23958		05 08 57.07	+61 39 51.7	8.77		H	77.237 811 02	+61.664 361 22		5.55	15.64	−16.97	0.76	0.72	1.16	0.84	0.71	+17	+0	−14	−21	+8	+6	+7	−17	+7	+22	0	−1.02
23959		05 08 57.93	−07 09 59.1	8.80		H	77.241 380 03	−07.166 421 37		2.23	2.84	−10.38	0.90	0.67	1.10	1.09	0.77	−24	+22	−12	+5	−30	−6	−26	+5	+9	−36	0	1.22
23960		05 08 59.49	+10 24 56.9	9.35		H	77.247 859 91	+10.415 806 96		3.38	−5.83	6.72	1.27	0.70	1.50	1.54	0.80	+13	+37	+1	+21	+2	+5	−5	+41	−21	+11	0	−0.56
23961		05 09 00.96	+06 54 16.5	10.75		G	77.253 981 49	+06.904 595 94		8.90	−2.06	−16.49	2.22	1.32	2.63	2.91	1.53	+11	+27	+13	+18	+0	+5	−6	+32	−26	−5	7	3.62
23962		05 09 02.42	+12 56 54.6	9.29		H	77.260 083 33	+12.948 504 86		3.35	−10.48	−12.57	1.22	0.77	1.39	1.63	0.88	+19	+16	−11	+3	+21	−6	+14	+39	−28	+18	0	−1.11
23963		05 09 03.38	+20 30 56.2	8.41		G	77.264 099 63	+20.515 601 98		5.12	−5.54	−18.22	1.12	0.53	1.28	0.98	0.59	+1	+59	−9	−12	+18	+14	−5	+23	−22	+25	2	1.44
23964		05 09 04.40	+49 07 18.8	6.64		H	77.268 344 90	+49.121 892 99		9.37	−15.45	2.61	0.81	0.57	0.93	1.16	0.69	−5	+16	−27	−4	−29	+22	−23	+10	−18	−12	0	0.26
23965		05 09 05.47	+39 00 08.5	8.96	2	H	77.272 785 74	+39.002 365 31		1.26	0.75	−3.21	1.36	0.81	1.51	1.62	0.87	+8	+31	−15	+6	−10	+8	−10	+48	−16	+9	0	−1.01
23966		05 09 05.57	+82 30 51.0	8.09		H	77.273 205 80	+82.514 180 41		3.02	−20.85	−12.47	0.58	0.68	0.77	0.62	0.89	−4	+13	+10	−13	+8	+18	+9	−4	−1	−13	0	0.01
23967		05 09 07.44	+09 09 18.9	8.84		H	77.280 982 02	+09.155 255 03		3.28	3.22	−0.90	1.08	0.67	1.16	1.37	0.76	+11	+8	+0	+37	−6	−13	−5	+45	−11	+13	0	−1.23
23968	H	05 09 07.53	−42 01 07.6	7.56		G	77.281 381 39	−42.018 772 13	*	8.97	−0.63	−43.49	0.52	0.57	0.64	0.51	0.63	+2	+5	−1	−8	+2	+10	+4	+5	−6	−9	0	1.68
23969		05 09 08.33	−06 26 17.6	8.19		G	77.284 726 54	−06.438 223 72		3.34	0.64	−0.83	0.80	0.57	0.99	0.93	0.68	−24	+11	−11	+22	−41	−8	−39	+15	+19	−35	0	0.41
*23970		05 09 08.51	−14 43 56.0	8.10		H	77.285 444 42	−14.732 211 11		4.37	1.06	−3.79	0.58	0.56	0.92	0.73	0.64	+12	+20	−2	+0	−15	−20	−11	+10	+1	−20	0	−0.90
*23971		05 09 08.50	+33 15 06.1	8.68		H	77.285 422 83	+33.251 691 90		8.17	−51.19	−25.72	1.18	0.65	1.26	1.41	0.75	−8	+48	−19	+19	−9	+2	−21	+64	−28	+4	0	1.80
23972		05 09 08.78	−08 45 14.7	4.25	2	H	77.286 595 71	−08.754 076 07		1.86	0.00	−2.01	0.73	0.49	0.88	0.73	0.53	−33	+39	−17	+40	−32	−4	−33	+19	−7	−30	2	0.53
23973		05 09 08.99	−51 56 09.8	9.13		H	77.287 460 09	−51.936 060 20		2.24	−9.08	27.97	0.63	0.77	0.75	0.75	0.91	−5	+0	−1	+1	−12	+13	−12	−4	−2	−2	0	−0.17
23974		05 09 09.34	+13 57 54.7	9.96		H	77.288 927 15	+13.965 203 67		2.63	−31.45	−3.84	1.62	0.96	1.79	1.64	1.05	+6	+43	−11	−10	+20	−9	+6	+20	−18	+29	0	0.10
23975		05 09 11.16	−35 38 18.9	8.95		H	77.296 508 20	−35.638 594 69		1.81	10.01	9.61	0.70	0.83	0.95	0.76	1.11	+0	+21	−17	+13	+1	+11	+0	+29	−7	+11	0	0.51
23976		05 09 11.79	+18 57 31.1	7.87		H	77.299 131 42	+18.958 636 65		3.40	4.45	−27.66	0.92	0.57	1.02	1.29	0.67	+10	+33	−22	−11	+10	−7	+8	+16	+3	+16	0	1.11
23977		05 09 12.57	+11 29 43.2	8.31		G	77.302 362 61	+11.495 321 24		10.91	−5.98	−23.24	1.04	0.65	1.19	1.08	0.69	+10	+40	−15	+8	+28	−10	+13	+43	−16	+35	0	−0.78
23978		05 09 12.84	−48 58 46.0	7.26		H	77.303 517 83	−48.979 458 20		4.00	30.38	−2.86	0.55	0.54	0.59	0.61	0.66	+0	+6	−1	+14	−11	+6	−13	+18	−7	+10	0	−0.17
23979		05 09 13.64	−28 02 48.5	9.17		H	77.306 844 57	−28.046 796 22		0.54	9.84	−14.89	0.68	1.03	1.33	0.84	1.37	+0	−4	−32	+5	+5	+5	+7	+14	+8	+6	0	0.60
23980		05 09 14.61	+11 29 35.8	8.47	1	G	77.310 891 24	+11.493 271 75		7.68	−6.86	−22.74	1.08	0.67	1.24	1.13	0.71	+6	+39	−19	+5	+28	−13	+11	+40	−20	+33	0	0.85
23981	H	05 09 15.13	−38 13 13.7	9.35	2	H	77.313 030 25	−38.220 483 52	*	0.85	2.38	0.68	8.28	3.31	1.98	1.66	2.28	+8	−2	−10	+1	−9	+20	+2	−18	+10	+5	1	2.02
23982		05 09 17.45	+61 30 39.6	8.88		H	77.322 691 58	+61.511 013 48		4.70	−7.88	−16.25	0.75	0.71	1.15	0.80	0.70	+14	−8	−5	−36	+5	+11	+4	−20	+11	+11	0	−0.98
23983		05 09 19.60	+09 49 46.6	5.43		H	77.331 684 51	+09.829 597 68		18.54	63.54	−7.87	0.74	0.48	0.83	0.87	0.56	+31	+24	−6	+39	+19	−10	+14	+57	−19	+37	0	2.33
23984		05 09 19.97	−65 07 45.5	8.84		H	77.333 216 23	−65.129 318 08		14.12	−61.76	68.94	0.71	0.77	0.79	0.62	1.06	+2	+9	−17	−55	+9	+1	+4	−18	+15	+46	2	1.46
23985		05 09 22.03	−11 07 43.8	8.27		H	77.341 772 49	−11.128 834 09		4.41	−5.42	−1.36	0.81	0.65	1.01	0.89	0.73	−24	+29	−19	+36	−29	+7	−29	+36	−8	−21	0	−0.42
23986		05 09 22.30	−54 14 29.4	8.74		H	77.342 912 29	−54.241 509 57		11.86	42.01	59.00	0.66	0.78	0.76	0.64	0.88	+3	−17	+15	+7	−19	−5	−22	−4	+1	+4	0	0.28
23987		05 09 23.30	−51 03 44.9	8.90		G	77.347 075 54	−51.062 461 96		2.99	0.19	12.22	0.64	0.66	0.70	0.76	0.81	−6	+6	+7	+7	−17	−5	−17	+2	+6	−14	0	−0.65
23988	H	05 09 24.74	−15 39 48.9	7.94		H	77.353 069 73	−15.663 588 37	*	5.86	−15.53	−17.15	1.64	1.99	1.27	1.03	0.92	−37	+15	−8	−16	−17	−6	−16	+5	−3	−47	0	−0.02
*23989		05 09 24.92	+03 06 26.7	8.27		H	77.353 851 37	+03.107 417 40		5.69	−12.67	−13.29	1.00	0.89	1.13	1.48	1.26	+40	+10	−31	+33	+41	−15	+33	+56	−16	+57	0	2.40
*23990		05 09 24.82	−01 29 27.6	9.43		H	77.353 423 81	−01.490 992 93		1.83	1.01	−5.86	1.24	0.96	1.39	1.47	1.14	+16	+28	−6	+32	+15	−15	+12	+61	−3	+21	0	−0.72
*23991		05 09 25.24	−23 07 07.1	7.24		H	77.355 183 98	−23.118 635 89		2.76	−4.47	−8.14	0.52	0.57	0.86	0.64	0.76	+2	−12	−19	−45	+4	+13	+7	+28	−17	+0	0	−0.69
*23992		05 09 25.21	−42 36 05.4	8.83		H	77.355 032 46	−42.601 498 36		1.74	−10.18	5.96	0.70	0.73	0.84	0.79	0.84	+0	+8	−6	−9	−10	+20	−8	+4	+3	−8	0	0.85
23993		05 09 27.17	+29 07 01.2	8.98		H	77.363 201 71	+29.117 003 63		1.52	−1.79	−0.70	1.31	0.69	1.38	1.50	0.77	−5	+37	−11	−13	+24	+6	−7	+60	−20	+33	0	−0.30
23994		05 09 27.96	+39 01 00.8	8.63		H	77.366 490 93	+39.016 883 21		−0.38	0.81	−1.83	1.09	0.72	1.19	1.30	0.79	+11	+27	−11	+14	−1	+8	−2	+58	−13	+15	0	0.50
23995		05 09 29.75	−02 08 06.1	6.59		H	77.373 940 49	−02.135 041 60		7.37	8.26	9.51	0.75	0.58	0.87	0.94	0.73	+7	+26	−20	+29	+19	−13	+11	+55	−9	+26	0	−0.50
23996		05 09 29.83	+14 21 21.5	8.03	2	H	77.374 274 99	+14.355 972 35		1.37	7.13	−13.52	1.16	0.66	1.32	1.11	0.71	−4	+53	−21	−10	+22	−12	+2	+25	−19	+32	0	2.08
23997		05 09 31.50	+03 51 38.6	9.17		H	77.381 233 85	+03.860 711 85		4.03	−15.23	1.75	1.14	0.82	1.31	1.55	1.15	+19	+24	+5	+22	+4	−7	+3	+44	+5	+28	0	0.96
23998	H	05 09 33.10	+34 52 02.1	9.55		H	77.387 928 45	+34.867 251 64	A	2.88	−3.24	−1.94	2.61	1.76	1.92	1.99	1.22	+17	+14	−6	−10	+7	−4	−13	+40	−15	+30	1	−0.28
23999		05 09 34.56	−29 13 08.7	9.01		H	77.394 007 53	−29.219 076 52		1.43	−1.68	5.52	0.73	0.90	1.25	0.86	1.08	−6	+25	−22	−8	−1	+11	+4	+6	+12	+1	0	0.04
*24000		05 09 35.46	+17 54 26.9	9.83		H	77.397 761 45	+17.907 459 76		3.21	0.06	−5.95	1.63	0.96	1.96	2.07	1.13	+21	+40	−23	+13	+21	−12	+2	+39	−32	+37	0	0.28

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
23901	7.808	0.007	7.465	0.007		0.299	0.003	G	0.34	0.00	H	7.5139	0.0011	0.012	110		7.50	7.53		C			1							S
23902	9.151	0.011	8.636	0.010		0.493	0.011	T	0.57	0.01	L	8.6922	0.0021	0.021	146		8.66	8.74					1							
23903	9.421	0.025	9.068	0.026		0.343	0.032	T	0.40	0.04	L	9.1782	0.0031	0.018	58		9.15	9.22		C			1							
23904	11.366	0.121	11.439	0.224	A	0.235	0.025	G	0.26	0.03	H *	11.2424	0.0044	0.042	86	*	11.16	11.31		D	05081+3701	H 1	2 C A	AB	315	1.834	0.012	0.45	0.04	D
23905	8.891	0.013	8.657	0.014		0.223	0.018	T	0.25	0.02	L	8.6993	0.0017	0.016	92		8.67	8.72					1							
23906	9.228	0.016	8.799	0.017		0.405	0.022	T	0.47	0.02	L	8.8824	0.0019	0.014	93		8.86	8.91		C			1							
23907	10.595	0.051	9.291	0.027		1.104	0.046	T	1.07	0.05	L	9.3615	0.0027	0.018	61		9.33	9.39		C			1							
23908	7.512	0.005	6.492	0.004		0.889	0.005	T	0.89	0.00	L	6.5398	0.0006	0.007	154		6.53	6.55		C			1							S
23909	8.918	0.017	8.587	0.019	*	0.314	0.023	T	0.36	0.03	L *	8.6106	0.0019	0.011	79	*	8.59	8.62		D	05082+2149	I 1	2 C A	AB	79	0.684	0.015	2.64	0.06	
23910	7.904	0.007	6.629	0.005		1.087	0.002	G	1.03	0.04	E	6.6724	0.0008	0.010	132		6.66	6.69					1							S
23911	8.751	0.015	8.666	0.018	*	0.198	0.015	G	0.22	0.02	H *	8.7028	0.0016	0.015	77	*	8.68	8.73		D	05083+4254	H 1	2 C C	AB	176	0.389	0.050	3.77	0.24	
23912	8.699	0.009	8.341	0.009		0.312	0.015	G	0.36	0.02	H	8.4100	0.0015	0.017	195		8.38	8.44					1							
23913	9.907	0.033	9.088	0.026		0.710	0.015	G	0.76	0.01	H	9.2004	0.0021	0.018	65		9.17	9.24					1							
23914	9.126	0.014	8.800	0.016		0.309	0.020	T	0.35	0.03	L	8.8332	0.0012	0.011	105		8.81	8.85		C			1							
23915	9.504	0.016	9.384	0.020		0.116	0.024	T	0.13	0.03	L	9.4047	0.0030	0.024	100		9.37	9.45					1							
23916	5.690	0.003	5.792	0.004		−0.059	0.003	G	−0.04	0.00	H	5.7846	0.0012	0.009	96		5.77	5.80		M	05083−0839	I 1	1 S							S
23917	8.711	0.013	8.516	0.015		0.187	0.019	T	0.21	0.02	L	8.5694	0.0017	0.010	74		8.55	8.58		C			1							G
23918	8.887	0.019	8.701	0.022		0.171	0.028	T	0.19	0.03	L	8.7178	0.0023	0.014	74		8.70	8.74		C			1							
23919	8.130	0.011	8.224	0.014		−0.079	0.007	G	−0.06	0.01	H	8.2347	0.0012	0.009	77		8.22	8.25		C			1							S
23920	9.747	0.029	9.329	0.031		0.410	0.015	G	0.48	0.02	H	9.3900	0.0028	0.021	57		9.36	9.42		C			1							
23921	7.896	0.007	8.018	0.010		−0.095	0.003	G	−0.08	0.00	H	8.0084	0.0017	0.015	121		7.98	8.03					1							S
23922	10.081	0.040	9.464	0.037		0.607	0.026	G	0.68	0.02	H	9.4825	0.0027	0.017	67		9.45	9.52					1 O							
23923						0.669	0.015	G	0.73	0.01	H	10.2928	0.0946			B				D	05085−4113	I 2	1 C I B							S
23924	9.267	0.015	8.436	0.012	*	0.745	0.015	G	0.79	0.01	H *	8.4015	0.0012	0.011	98	*	8.38	8.43		D	05085−5659	I 1	2 C A	AB	142	0.639	0.003	0.12	0.01	S
23925	9.773	0.027	9.639	0.035		0.129	0.041	T	0.14	0.04	L	9.6449	0.0031	0.023	73		9.61	9.69		C			1							G
23926	7.561	0.006	6.822	0.005	A	0.662	0.006	T	0.72	0.01	L	6.8841	0.0042	0.009	114	A	6.87	6.90		D	05085−4113	I 2	1 C P B							S
23927	9.518	0.017	7.707	0.008		1.507	0.015	T	1.54	0.02	L	7.6581	0.0015	0.013	103		7.64	7.68			05085−1807	I 1	1 S							S
23928	11.757	0.086	9.821	0.024		1.641	0.074	T	1.92	0.22	K	9.6394	0.0058	0.050	141		9.57	9.72		U 2			1 S							
23929	7.546	0.007	7.113	0.007		0.409	0.009	T	0.48	0.01	L	7.1625	0.0008	0.007	80		7.15	7.18		C			1							S
23930	7.909	0.008	7.308	0.007		0.560	0.008	T	0.63	0.01	L	7.3589	0.0011	0.008	82		7.35	7.37		C			1							S
23931	9.193	0.015	8.620	0.014		0.521	0.015	G	0.59	0.02	H	8.6662	0.0023	0.020	97		8.63	8.71					1							
23932						1.520	0.013	G	2.64	0.00	A	10.2527	0.0044	0.035	97		10.20	10.31					1							G
23933	7.608	0.010	7.033	0.007		0.537	0.011	T	0.61	0.01	L	7.0756	0.0008	0.007	86		7.06	7.09		C			1							S
23934	8.686	0.015	8.695	0.020		−0.007	0.022	T	0.01	0.02	L	8.7190	0.0019	0.013	62		8.70	8.75					1							
23935	7.678	0.007	7.263	0.008		0.406	0.009	T	0.47	0.01	L	7.3112	0.0010	0.009	82		7.30	7.33		C			1							S
23936	10.091	0.024	8.553	0.012		1.292	0.021	T	1.25	0.02	L	8.5777	0.0012	0.017	127		8.55	8.60		D			1							
23937	8.626	0.014	8.364	0.015		0.249	0.019	T	0.28	0.02	L	8.3913	0.0013	0.016	89		8.36	8.42		D			1							S
23938	9.616	0.020	8.938	0.018		0.627	0.022	T	0.69	0.02	L	9.0540	0.0013	0.013	73		9.03	9.07		C			1							
23939	8.102	0.016	7.995	0.012		0.104	0.019	T	0.12	0.02	L	8.0246	0.0014	0.009	68		8.01	8.04		C			1							S
23940	10.470	0.039	10.024	0.040		0.434	0.045	T	0.50	0.05	L	10.1135	0.0032	0.025	89		10.08	10.17					1							
23941	5.639	0.004	5.170	0.003		0.455	0.026	G	0.55	0.02	A	5.2135	0.0006	0.004	70		5.21	5.22		C			1							S
23942	10.607	0.041	8.991	0.019		1.353	0.036	T	1.32	0.04	L	9.0024	0.0021	0.016	89		8.97	9.03		C			1							
23943	8.891	0.010	8.675	0.012		0.206	0.015	T	0.23	0.02	L	8.7320	0.0018	0.018	159		8.71	8.77		C			1							
23944	7.923	0.009	7.813	0.009		0.110	0.015	G	0.12	0.01	H	7.8359	0.0011	0.012	120		7.82	7.86		C			1							S
23945	9.004	0.021	7.387	0.011		1.354	0.019	T	1.32	0.02	L	7.3982	0.0014	0.009	67		7.38	7.42		C			1							S
23946	8.567	0.015	8.396	0.018		0.306	0.015	G	0.35	0.02	H	8.3972	0.0023	0.019	72		8.37	8.43		U			1							
23947	10.870	0.068	9.059	0.024		1.538	0.059	T	3.36	0.07	O	8.5398	0.0146	0.091	79		8.45	8.70		U 2			1 S							P
23948	11.848	0.154	10.155	0.049		1.423	0.136	T	1.41	0.22	L	10.2348	0.0030	0.021	56		10.20	10.28		D			1							G
23949	7.639	0.008	6.600	0.007		0.903	0.008	T	0.90	0.01	L	6.6695	0.0009	0.006	71		6.66	6.68		C			1							S
23950	11.371	0.038	9.494	0.013		1.593	0.033	T	2.27	0.14	O	9.3284	0.0260	0.251	260		9.01	9.78		U 2			1							P
23951	8.731	0.012	8.029	0.010	A	0.642	0.015	G	0.71	0.01	H *	8.0277	0.0016	0.014	97	*	8.00	8.04		D	05089−1255	I 1	2 C A	AB	152	1.458	0.018	2.42	0.08	S
23952	8.448	0.010	7.998	0.008		0.404	0.015	G	0.47	0.02	H	8.0540	0.0019	0.017	137		8.03	8.08					1							S
23953	10.697	0.056	10.143	0.052		0.519	0.068	T	0.59	0.07	L	10.3425	0.0034	0.035	65		10.27	10.39		C			1							G
23954	8.068	0.011	7.998	0.011		0.069	0.014	T	0.08	0.01	L	8.0439	0.0015	0.012	88		8.02	8.06		C	05089+3929	I 1	1							
23955	10.002	0.026	8.743	0.016		1.067	0.024	T	1.03	0.02	L	8.7769	0.0018	0.013	78		8.75	8.80					1							
23956	9.177	0.016	8.032	0.011		0.984	0.015	T	0.96	0.01	L	8.0941	0.0016	0.010	76		8.08	8.12		C			1							S
23957	6.679	0.007	6.524	0.006	*	0.141	0.008	T	0.16	0.01	L *	6.5601	0.0009	0.007	61	*	6.55	6.57		D	05089+0313	I 1	2 C A	BA	161	0.298	0.003	1.38	0.03	S
23958	9.154	0.012	8.818	0.012		0.340	0.015	G	0.40	0.02	H	8.8543	0.0017	0.023	128		8.82	8.90					1							
23959	8.869	0.011	8.792	0.014		0.076	0.017	T	0.09	0.02	L	8.8347	0.0017	0.014	108		8.81	8.86		C			1							S
23960	9.980	0.025	9.397	0.023		0.545	0.030	T	0.62	0.03	L	9.4656	0.0027	0.018	86		9.44	9.49		C			1							
23961						1.100	0.020	G	1.06	0.02	I	10.9069	0.0058	0.031	65		10.87	10.96		C			1 S							G
23962	9.792	0.026	9.302	0.025		0.461	0.033	T	0.53	0.04	L	9.3945	0.0022	0.017	71		9.37	9.42		C			1							
23963	8.841	0.017	8.448	0.018		0.378	0.015	G	0.44	0.02	H	8.5070	0.0011	0.009	65		8.50	8.53					1							
23964	6.890	0.006	6.667	0.007		0.190	0.015	G	0.21	0.02	H	6.7028	0.0013	0.010	65		6.69	6.72			05091+4907	I 1	1							S
23965	13.095	0.540	9.344	0.028		2.928	0.395	T	3.00	0.41	L	8.8576	0.0073	0.086	78		8.72	9.07		U 2 C			1 S							
23966	9.320	0.014	8.190	0.009		0.972	0.013	T	0.96	0.01	L	8.2563	0.0016	0.014	124		8.23	8.28		C			1							
23967	10.132	0.031	8.936	0.019		1.024	0.028	T	1.00	0.02	L	9.0022	0.0022	0.018	101		8.97	9.03					1							
23968	7.963	0.007	7.595	0.007	*	0.379	0.004	G	0.44	0.00	H *	7.6387	0.0010	0.010	125	*	7.62	7.66		D	05091−4201	H 1	2 C S A	AB	203	0.168	0.005	0.27	0.16	S
23969	8.104	0.008	8.167	0.010		−0.068	0.002	G	−0.05	0.00	H	8.1818	0.0011	0.011	114		8.16	8.20		C			1							S
23970	8.365	0.007	8.108	0.008		0.245	0.010	T	0.27	0.01	L	8.1654	0.0014	0.015	142		8.14	8.20		C			1							S
23971	9.156	0.016	8.733	0.016		0.400	0.021	T	0.47	0.02	L	8.7738	0.0009	0.008	94		8.76	8.79		D			1							
23972	4.015	0.004	4.230	0.004		−0.187	0.007	G	−0.16	0.02	A	4.1942	0.0032	0.029	87		4.13	4.21		U 2 C			1							S
23973	9.644	0.020	9.174	0.019		0.456	0.022	T	0.53	0.02	L	9.2321	0.0017	0.015	103		9.21	9.26		C			1							
23974	10.621	0.046	10.097	0.047		0.492	0.059	T	0.56	0.06	L	10.0647	0.0024	0.019	71		10.03	10.11		C			1							G
23975	10.284	0.027	9.022	0.016		1.075	0.025	T	1.04	0.02	L	9.1154	0.0017	0.019	125		9.08	9.14					1							
23976	9.564	0.026	8.036	0.014		1.284	0.023	T	1.24	0.02	L	8.0297	0.0014	0.013	56		8.01	8.05		C			1							S
23977	8.730	0.017	8.327	0.017		0.403	0.010	G	0.47	0.01	H	8.3993	0.0017	0.012	71		8.38	8.43		C			1							
23978	8.588	0.010	7.386	0.007		1.029	0.010	T	1.00	0.01	L	7.4316	0.0011	0.009	113		7.41	7.45					1							S
23979	10.842	0.036	9.306	0.016		1.290	0.031	T	1.25	0.03	L	9.3313	0.0023	0.024	142		9.28	9.39					1							
23980	8.907	0.020	8.490	0.021		0.410	0.004	G	0.48	0.00	H	8.5537	0.0024	0.018	71		8.51	8.58		U			1							
23981	11.678	0.079	9.615	0.022	*	1.574	0.218	G	1.58	0.24	R *	9.4691	0.0058	0.069	144	*	9.34	9.61		U 2	05093−3813	H 1	2 C C	AB	358	0.225	0.057	2.22	1.18	
23982	9.108	0.011	8.877	0.013		0.180	0.015	G	0.20	0.02	H	8.9421	0.0016	0.019	139		8.91	8.98		C			1							
23983	5.739	0.003	5.457	0.003		0.249	0.010	G	0.24	0.03	C	5.4980	0.0007	0.004	85		5.49	5.51		C	05093+0949	I 1	1							S P
23984	9.637	0.022	8.912	0.018		0.651	0.021	T	0.71	0.02	L	8.9732	0.0018	0.015	98		8.95	9.00		C			1							
23985	8.589	0.012	8.310	0.012		0.281	0.015	G	0.32	0.02	H	8.3473	0.0022	0.017	81		8.32	8.38					1							S
23986	9.343	0.017	8.777	0.015		0.534	0.017	T	0.61	0.02	L	8.8529	0.0016	0.014	88		8.82	8.87		C			1							
23987	8.877	0.011	8.879	0.015		−0.019	0.002	G	0.00	0.00	H	8.9097	0.0020	0.014	108		8.87	8.93		C			1							
23988	8.857	0.012	8.019	0.009	*	0.737	0.011	T	0.78	0.01	L *	8.0816	0.0012	0.013	122	*	8.06	8.11		D	05094−1540	H 1	2 C A	AB	121	0.201	0.010	1.14	0.16	S
23989	8.463	0.013	8.268	0.014		0.179	0.019	T	0.20	0.02	L	8.3264	0.0012	0.011	55		8.31	8.35					1							
23990	9.459	0.020	9.408	0.027		0.046	0.030	T	0.06	0.02	L	9.4526	0.0024	0.017	76		9.43	9.48		C			1							
23991	8.683	0.009	7.354	0.006		1.128	0.008	T	1.09	0.01	L	7.4035	0.0011	0.012	147		7.38	7.43		C			1							S
23992	10.029	0.026	8.952	0.017		0.932	0.024	T	0.93	0.02	L	8.9939	0.0015	0.015	106		8.97	9.02		C			1							
23993	9.316	0.019	8.986	0.020		0.313	0.026	T	0.36	0.04	L	9.0549	0.0020	0.014	85		9.02	9.07		C			1							
23994	8.768	0.016	8.643	0.020		0.121	0.024	T	0.14	0.03	L	8.6749	0.0015	0.012	73		8.65	8.70		C			1							
23995	7.879	0.009	6.682	0.005		1.018	0.008	T	0.99	0.01	L	6.7365	0.0009	0.006	74		6.72	6.75					1							S
23996	10.375	0.036	8.284	0.013		1.769	0.032	T	2.74	0.04	O	8.0088	0.0055	0.035	64		7.95	8.08		U 2			1 S							
23997	9.471	0.024	9.197	0.027		0.261	0.034	T	0.29	0.04	L	9.2391	0.0026	0.015	62		9.21	9.28					1							
23998	9.971	0.026	9.601	0.029	*	0.351	0.036	T	0.41	0.04	L *	9.6375	0.0019	0.018	88	*	9.61	9.67		D	05096+3452	H 1	2 C A	AB	35	0.360	0.014	1.97	0.08	G
23999	10.853	0.037	9.166	0.015		1.409	0.032	T	1.39	0.04	L	9.1535	0.0020	0.023	128		9.12	9.21					1							
24000	10.061	0.041	9.866	0.054		0.187	0.064	T	0.21	0.07	L	9.8917	0.0044	0.020	53		9.86	9.93		C			1							G

Number HIP 1 2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5 6 7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9 10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) 19 20 21 22 23 24 25 26 27 28	Soln F1 % 29	F2 30
*24001 H	05 09 36.21	−03 55 31.4	8.79 H	77.400 890 12	−03.925 387 19 A	0.51	20.92	−6.14	1.91	1.64	2.01	2.17	1.84	+23 +18 −12 +13 + 2 − 4 − 1 +32 − 3 +37	0	2.30
*24002	05 09 36.43	+38 41 07.9	6.91 1 H	77.401 788 29	+38.685 525 97	3.67	9.74	2.73	0.86	0.59	0.89	1.03	0.64	+15 +25 − 9 +34 + 0 + 4 + 1 +63 −11 +13	0	1.99
*24003	05 09 36.62	+69 38 22.4	6.43 H	77.402 574 98	+69.639 555 69	8.52	60.42	−63.55	0.38	0.54	0.78	0.42	0.71	−13 + 5 + 1 −33 + 4 + 6 + 4 − 2 + 5 −14	0	−0.20
*24004	05 09 37.31	−63 46 39.4	7.72 H	77.405 475 23	−63.777 598 31	7.77	10.42	88.22	0.51	0.54	0.55	0.56	0.74	− 2 + 9 − 8 − 9 + 1 + 0 + 2 − 9 + 4 + 0	0	0.65
*24005	05 09 38.87	+29 47 25.5	8.51 H	77.411 970 85	+29.790 427 30	17.28	64.67	2.14	1.11	0.62	1.19	1.21	0.67	+13 +42 + 4 + 0 +12 + 3 + 3 +54 −10 +19	0	0.89
*24006	05 09 38.91	−71 24 02.2	10.58 H	77.412 129 65	−71.400 621 32	−1.51	4.12	0.57	1.14	1.06	1.18	1.16	1.36	− 8 +12 − 8 − 9 − 9 +10 −12 − 1 −13 − 7	3	2.91
*24007	05 09 34.63	+24 19 32.7	10.30 H	77.394 284 98	+24.325 745 24	10.29	73.08	−180.69	1.72	1.03	1.94	2.88	1.25	+ 8 +17 +16 −14 +13 +21 +11 + 8 −25 −29	3	3.10
24008	05 09 39.76	−44 20 08.6	7.49 H	77.415 655 50	−44.335 722 28	16.51	20.29	97.08	0.50	0.56	0.60	0.62	0.65	−13 +11 + 4 − 1 − 1 +12 − 1 + 3 + 0 −15	0	0.52
24009	05 09 40.22	+62 28 47.4	6.63 H	77.417 583 36	+62.479 831 35	11.81	−16.20	−50.39	0.49	0.44	0.77	0.53	0.45	+10 +19 −18 −15 +25 −24 +21 − 5 + 7 +18	0	0.17
24010	05 09 41.96	+15 35 50.2	4.81 H	77.424 830 84	+15.597 271 57	10.24	−7.12	−16.14	0.94	0.47	0.96	1.07	0.51	+ 3 +50 −16 +30 +14 −13 − 9 +38 −21 + 8	0	1.36
24011	05 09 42.59	+25 45 55.7	9.60 H	77.427 439 19	+25.765 478 53 A	0.81	3.11	−10.14	2.45	1.37	2.29	2.63	1.35	−20 +12 −16 −24 +31 +17 +16 +28 −30 + 2	4	0.86
24012	05 09 42.63	+66 00 15.0	7.52 H	77.427 605 68	+66.004 158 66	3.20	−6.07	−10.50	0.53	0.55	0.83	0.65	0.61	+ 5 +24 −17 +14 +33 − 5 +30 +23 +12 +28	0	−0.27
24013 H	05 09 42.76	+37 40 57.9	8.04 H	77.428 161 16	+37.682 737 14 A	6.60	−53.80	−35.19	1.75	1.22	1.58	1.75	1.22	+25 + 3 −25 +26 +34 −11 +16 +67 −25 +40	0	−0.45
*24014	05 09 43.35	−79 49 16.2	8.80 H	77.430 617 58	−79.821 155 88	2.59	4.19	10.79	0.74	0.63	0.77	0.76	0.78	−16 +26 −11 −24 − 7 − 1 − 8 + 5 − 4 −19	0	−0.79
*24015	05 09 43.32	−22 29 38.4	7.23 G	77.430 508 66	−22.493 998 95	9.17	−21.01	−3.99	0.54	0.57	0.84	0.81	0.76	−16 +16 − 9 +24 −17 − 1 −19 +28 −20 −18	1	1.82
24016	05 09 43.65	+29 47 55.1	6.67 H	77.431 884 52	+29.798 638 73	18.79	58.98	−5.42	0.82	0.44	0.92	0.83	0.47	+14 +51 +12 − 3 + 5 − 3 + 9 +50 + 0 +11	0	−0.31
24017	05 09 44.53	+64 55 11.8	6.37 H	77.435 540 96	+64.919 933 45	25.27	−16.75	−182.20	0.47	0.43	0.71	0.54	0.46	− 8 +17 −15 − 5 +34 + 3 +29 +15 + 0 +18	4	−0.20
24018	05 09 44.89	−33 31 15.3	7.86 1 H	77.437 048 89	−33.520 914 57	2.37	2.04	−5.07	0.60	0.63	0.79	0.70	0.76	−19 + 3 −10 +12 −21 + 5 −21 + 4 +11 −28	0	0.42
24019	05 09 45.06	+28 01 50.2	5.93 1 G	77.437 730 63	+28.030 608 35 A	18.28	55.86	−60.57	1.44	0.86	1.30	1.33	0.77	+10 +30 −17 +13 −13 − 1 − 6 +44 −18 + 9	1	1.05
24020 H	05 09 45.44	+28 02 01.6	8.62 G	77.439 324 61	+28.033 765 98 B	18.28	103.25	15.87	43.28	22.52	1.30	28.89	13.07	+14 +26 + 1 +26 −19 + 8 − 3 +43 + 0 + 7	1	1.05
24021	05 09 45.88	+07 10 53.6	7.41 G	77.441 187 28	+07.181 553 75	21.39	51.64	14.61	0.96	0.54	1.21	1.12	0.66	+ 2 +48 −11 +30 + 5 +11 −11 +50 −34 + 3	0	−0.39
24022	05 09 45.96	+63 50 00.1	8.19 2 H	77.441 497 22	+63.833 354 24	6.90	−8.01	0.14	0.61	0.56	0.96	0.69	0.62	− 7 +21 −18 +10 +34 −14 +29 +29 + 2 +14	0	0.14
24023	05 09 46.44	−45 24 02.4	8.50 H	77.443 489 62	−45.400 669 29	1.46	14.37	26.20	0.71	0.72	0.79	0.90	0.84	−23 + 8 − 4 −19 + 4 +12 + 6 − 8 − 3 −39	2	0.76
24024	05 09 46.69	+71 32 39.4	8.75 H	77.444 558 88	+71.544 289 23	2.17	−6.20	−3.97	0.51	0.76	1.04	0.51	0.83	−12 +18 + 3 +18 +11 +13 +13 − 3 + 3 − 9	0	−1.20
24025	05 09 48.27	−05 30 55.1	8.35 2 H	77.451 140 81	−05.515 303 44	−0.46	−2.74	−4.08	1.04	0.80	1.32	1.26	0.88	−23 + 9 −26 +28 −60 + 7 −57 + 3 +14 −27	2	0.71
24026	05 09 48.65	−67 52 06.5	10.08 H	77.452 710 27	−67.868 479 09	6.95	8.47	−4.40	1.06	1.12	1.12	1.06	1.44	−16 +21 −11 −24 + 8 + 1 + 8 −15 − 6 −25	0	−2.38
24027	05 09 49.54	+75 28 51.5	7.72 H	77.456 428 70	+75.480 974 99	5.04	12.04	−57.52	0.47	0.58	0.74	0.56	0.75	− 6 + 7 + 5 +16 +10 +10 +12 − 7 + 0 − 1	1	0.02
24028	05 09 54.27	+52 17 53.6	8.80 H	77.476 114 01	+52.298 231 18	2.74	7.81	−18.09	0.94	0.74	1.13	1.06	0.75	+27 +14 −19 +17 + 3 + 0 + 4 +10 + 1 +33	0	−0.56
24029	05 09 56.43	+37 00 16.0	8.15 2 H	77.485 139 23	+37.004 452 64	0.14	−1.54	−2.09	0.96	0.63	1.05	1.12	0.72	+19 +37 −12 + 8 +22 + 4 + 9 +58 −17 +35	0	0.34
24030	05 09 56.80	+05 33 27.4	9.71 H	77.486 669 87	+05.557 600 78	10.29	271.40	−70.78	1.47	0.92	1.66	1.86	1.10	+17 +34 − 7 + 7 + 3 + 5 − 3 +26 −23 +12	0	1.77
24031 H	05 09 58.26	+08 10 24.3	7.02 G	77.492 764 24	+08.173 411 92 A	11.86	−47.60	−107.40	1.36	0.89	1.34	1.27	0.80	+ 4 +41 +19 +23 −20 + 0 −21 +38 − 9 − 4	16	2.07
24032 H	05 09 59.17	+10 53 33.2	7.95 H	77.496 549 76	+10.892 549 99 A	3.92	−8.05	−11.02	1.49	0.93	1.52	1.54	0.95	+ 9 +47 + 0 − 9 +20 − 2 + 9 +25 − 8 +16	1	−0.41
24033	05 09 59.65	+54 32 16.6	9.14 H	77.498 534 51	+54.537 954 69	1.69	2.62	1.81	1.09	0.98	1.49	1.32	0.97	− 8 +13 −42 +16 −36 +23 −28 +22 − 3 + 1	0	0.67
24034	05 09 59.74	+01 00 54.8	9.51 H	77.498 930 33	+01.015 211 25	4.60	18.63	−10.88	1.36	0.99	1.64	1.52	1.21	+24 +42 − 3 +13 +26 + 5 +16 +43 −10 +38	0	0.96
24035	05 10 00.74	+27 38 36.2	9.22 H	77.503 063 78	+27.643 400 05	25.67	207.69	−84.28	1.38	0.72	1.53	1.54	0.80	+ 5 +46 − 9 + 1 + 7 −16 − 5 +47 −21 +16	0	−0.10
24036	05 10 01.31	+75 40 55.0	7.28 H	77.505 468 44	+75.681 947 30	6.65	4.73	−44.97	0.43	0.52	0.67	0.52	0.66	+ 0 + 7 + 6 + 6 +18 +19 +19 − 9 − 3 + 6	0	−0.61
24037	05 10 02.11	−07 04 16.2	8.49 G	77.508 801 11	−07.071 172 85	21.80	−58.49	−241.45	1.02	0.77	1.22	1.22	0.84	−17 + 5 +10 +23 −44 −24 −43 + 2 +17 −36	0	0.06
24038	05 10 02.41	−40 33 34.3	6.89 H	77.510 039 68	−40.559 521 57	2.10	11.52	23.12	0.52	0.53	0.62	0.59	0.64	+ 1 + 8 − 5 −23 + 0 + 9 − 3 +18 + 0 +12	1	0.43
24039	05 10 02.68	−47 25 40.7	9.48 H	77.511 178 02	−47.427 981 20	11.27	−44.28	−47.52	0.98	0.90	1.04	1.14	1.02	−14 +11 − 3 −16 + 4 +16 + 4 + 3 − 1 −11	1	2.79
24040	05 10 02.85	−52 39 03.8	8.32 H	77.511 863 03	−52.651 068 11	5.19	27.50	14.33	0.68	0.74	0.72	0.80	0.90	−16 + 7 + 6 +32 −22 − 1 −22 +34 + 8 −11	1	−0.06
24041	05 10 03.26	−00 33 54.7	6.11 H	77.513 585 12	−00.565 199 28	10.37	2.14	−50.78	0.90	0.67	1.14	1.05	0.82	+11 +43 −24 +34 +13 +15 + 3 +59 −26 +24	0	0.16
*24042	05 10 03.45	−07 03 48.6	10.00 G													
*24043	05 10 03.38	+38 22 25.0	8.31 1 H	77.514 103 02	+38.373 603 64	0.76	6.96	5.62	1.20	0.80	1.18	1.37	0.87	+ 3 +30 − 8 +41 − 5 + 7 − 5 +70 − 6 + 6	0	2.35
24044 H	05 10 03.45	+68 15 56.0	8.60 H	77.514 380 75	+68.265 562 56 *	2.23	5.52	−7.58	0.52	0.73	0.93	0.65	0.84	+ 7 + 8 − 2 + 5 + 6 − 1 + 6 + 0 − 1 + 9	0	2.23
24046	05 10 03.74	+27 33 24.2	6.97 H	77.515 585 29	+27.556 721 99	24.88	197.69	−88.54	0.95	0.53	1.06	1.11	0.59	+ 6 +46 − 7 + 9 + 4 −26 − 5 +53 −19 +13	2	0.40
24047 H	05 10 04.49	+26 45 13.2	9.12 H	77.518 718 14	+26.753 654 00 *	4.09	31.90	−44.11	1.84	1.31	1.55	1.62	0.91	−14 +32 −10 + 3 + 7 −17 − 3 +42 −19 − 1	2	−0.30
24048	05 10 04.92	+02 56 09.4	8.32 H	77.520 487 61	+02.935 933 78	2.54	−2.96	−1.60	1.06	0.86	1.11	1.40	1.12	+43 +22 −10 +28 +32 − 6 +29 +52 − 9 +45	0	0.84
24049	05 10 05.22	+31 55 50.3	8.01 G	77.521 741 89	+31.930 628 13	5.24	14.90	−35.21	0.89	0.53	0.98	1.04	0.59	+ 8 +26 −15 + 2 +19 + 5 + 5 +57 −23 +24	2	0.64
24050	05 10 06.96	−54 21 20.4	8.67 H	77.528 984 77	−54.355 662 16	2.61	−2.15	3.71	0.66	0.75	0.75	0.66	0.88	+ 2 −17 + 7 − 2 −16 + 5 −20 − 4 +10 + 8	0	−2.02
24051 H	05 10 07.51	−08 28 54.1	9.34 G	77.531 278 66	−08.481 693 96 *	2.31	−2.06	0.27	1.26	0.90	1.73	1.31	0.96	−32 +34 −17 +28 −31 + 6 −34 +14 −17 −34	0	1.07
24052	05 10 07.71	+53 42 35.3	7.49 H	77.532 136 75	+53.709 793 55	6.28	−6.92	−2.16	0.86	0.73	1.08	1.08	0.76	+ 6 +11 −35 +20 −21 + 6 −17 +19 + 1 +18	0	0.71
24053	05 10 07.84	−00 16 58.5	10.01 H	77.532 664 22	−00.282 926 74	−0.75	2.30	−0.37	1.67	1.29	2.08	1.78	1.47	+34 +38 − 9 +13 +25 +12 +20 +53 −17 +32	0	−0.46
24054	05 10 08.51	−76 08 22.5	8.76 H	77.535 468 03	−76.139 595 46	3.31	−7.81	13.47	0.68	0.63	0.70	0.71	0.84	− 1 +10 − 8 + 1 + 5 + 3 + 3 +21 −15 + 6	1	−0.03
*24055	05 10 08.81	−64 19 04.5	9.80 3 T	77.536 726 76	−64.317 906 96	−1.02	22.10	22.02	1.17	1.43	1.47	1.18	1.62	+ 3 −17 −42 −14 +26 −19 +15 − 2 +21 +12	0	−1.32
*24056	05 10 08.79	+56 42 52.9	8.34 H	77.536 635 01	+56.714 703 53	2.01	0.42	−0.24	0.75	0.69	1.12	0.93	0.76	+28 + 4 − 7 + 6 + 8 −17 + 7 + 7 + 8 +14	0	0.27
24057	05 10 09.05	−31 20 56.8	7.87 H	77.537 723 90	−31.349 116 13	6.84	−7.76	−8.19	0.52	0.60	0.77	0.65	0.75	− 7 +17 −24 + 4 + 8 + 0 + 6 + 7 −11 + 4	1	−0.79
24058	05 10 09.75	−03 51 08.8	7.81 H	77.540 619 39	−03.852 450 08	3.11	−0.37	−5.70	0.80	0.74	1.13	1.02	0.92	+12 +13 −45 + 7 − 3 + 9 − 9 +35 −11 +42	0	−0.79
24059	05 10 10.45	+13 32 54.5	6.69 H	77.543 523 94	+13.548 472 65	14.80	−64.01	−42.50	0.79	0.51	0.91	0.82	0.57	+20 +42 −15 + 8 +22 −11 + 7 +34 −21 +44	0	−0.24
24060	05 10 10.76	−44 51 36.1	8.97 H	77.544 833 61	−44.860 031 93	1.21	−1.14	2.32	0.72	0.73	0.83	0.92	0.86	−12 +13 + 5 − 5 − 6 + 9 − 5 − 4 + 1 −28	0	0.83
24061	05 10 11.27	−57 35 12.0	9.82 G	77.546 940 11	−57.586 665 67	4.20	−28.02	−2.50	0.95	0.95	1.00	1.16	1.26	−10 − 2 − 1 +24 − 1 − 4 − 4 + 1 +13 −21	1	3.01
*24062 H	05 10 13.17	−72 04 36.6	7.97 H	77.554 892 53	−72.076 832 35 A	2.19	−6.72	−7.93	1.55	1.63	1.47	1.54	2.05	−22 +24 −24 − 9 + 6 − 2 + 7 − 3 − 1 −35	2	1.16
*24063 H	05 10 12.94	+22 08 12.0	7.52 H	77.553 924 64	+22.136 666 75 *	4.35	−8.63	−0.06	0.87	0.52	0.93	1.06	0.56	−12 +36 −21 +16 − 2 + 9 − 4 +32 − 5 + 4	0	1.44
24064	05 10 13.58	−60 26 20.7	8.74 2 H	77.556 591 56	−60.439 070 72	1.69	−2.62	4.71	0.76	0.83	0.89	0.90	0.94	+ 4 +10 −35 −22 −17 +16 − 7 −31 +33 + 3	0	−0.65
24065	05 10 14.45	+30 34 30.1	7.76 H	77.560 198 70	+30.575 036 23	16.15	39.10	−129.63	1.17	0.57	1.29	0.98	0.62	+ 1 +66 − 7 +13 +13 + 3 − 8 +57 −25 +10	0	−0.07
24066	05 10 15.49	−70 10 40.0	10.01 G	77.564 533 17	−70.177 779 98	1.65	−4.95	3.79	1.11	1.04	1.09	1.12	1.20	+ 9 +14 − 3 −21 −21 + 9 −21 −13 + 3 − 1	0	−0.60
24067 H	05 10 17.84	+57 04 20.1	8.08 H	77.574 327 07	+57.072 250 68 A	2.43	−2.00	−8.95	1.26	1.10	1.50	1.51	1.19	+44 +14 − 6 +17 +20 + 3 +25 +21 +20 +32	1	−0.04
24068	05 10 17.88	−06 43 18.2	8.95 H	77.574 479 73	−06.721 715 71	3.62	−4.09	−29.67	1.02	0.77	1.22	1.21	0.85	−24 +13 −14 +25 −43 − 5 −42 − 1 +16 −36	0	0.31
24069	05 10 18.02	+09 30 10.5	12.27 H	77.575 097 98	+09.502 909 45	32.83	56.52	−351.28	4.16	2.83	4.72	5.23	3.38	+26 +13 −19 +40 +22 −12 +15 +59 −25 +40	0	−0.70
24070	05 10 18.56	−21 46 24.8	8.76 2 H	77.577 331 70	−21.773 567 63	−0.33	2.67	2.16	0.77	0.86	1.22	1.30	1.19	−33 + 8 −10 +41 −30 − 4 −29 +39 −10 −33	0	0.84
24071	05 10 18.79	−37 47 29.6	10.07 G	77.578 303 23	−37.791 552 69	2.56	14.15	−18.46	0.97	1.02	1.22	1.17	1.32	−13 +15 − 9 + 1 − 5 + 9 − 5 − 4 − 4 −13	0	1.26
24072 H	05 10 18.81	+37 18 06.7	6.02 G	77.578 354 58	+37.301 851 20 B	1.59	2.62	1.05	2.45	1.56	1.62	1.82	1.31	+ 8 + 5 −15 + 0 +14 − 5 + 1 +39 −32 +41	5	1.75
24073	05 10 19.27	+67 02 52.0	9.95 H	77.580 284 12	+67.047 788 85	1.78	−6.10	2.97	0.97	1.13	1.50	1.19	1.36	+ 3 + 4 +14 +16 +21 + 2 +21 +15 + 7 + 2	0	0.88
24074	05 10 19.42	−62 41 20.2	9.97 G	77.580 922 43	−62.688 939 34	0.48	48.78	−41.83	0.90	1.03	1.01	1.10	1.50	− 8 − 9 −13 −16 + 2 − 5 + 0 −13 +19 −21	1	1.87
24075	05 10 19.91	+41 53 30.9	8.56 G	77.582 950 29	+41.891 926 32	7.09	−14.36	−10.59	1.22	0.69	1.41	1.37	0.75	− 8 +48 −19 +19 −28 + 2 −33 +47 −31 − 6	0	0.44
24076 H	05 10 20.70	−07 35 37.2	7.42 G	77.586 238 86	−07.593 674 25 *	17.56	−40.93	−174.65	0.77	0.56	0.99	1.00	0.66	−21 +17 − 2 +10 −20 −17 −17 +22 + 0 −38	0	1.91
24077	05 10 21.81	+47 50 41.6	8.79 H	77.590 868 01	+47.844 902 09	1.17	−2.71	−2.91	1.17	0.77	1.38	1.63	1.03	−11 +19 +12 + 2 +11 +18 + 4 + 5 −35 −51	0	1.35
24078	05 10 21.95	+48 50 35.5	11.39 G													
24079	05 10 22.58	−47 00 19.8	8.63 H	77.594 070 47	−47.005 507 08	5.74	−26.79	43.58	0.70	0.66	0.75	1.02	0.85	− 7 +13 − 2 + 2 − 7 + 0 − 7 + 1 − 2 −13	0	1.11
24080	05 10 22.79	−68 46 23.8	10.40 2 H	77.594 942 87	−68.773 282 66	−0.46	1.02	0.82	1.01	1.03	1.07	1.23	1.31	− 2 + 8 + 5 + 2 + 1 +11 + 0 − 1 − 6 − 8	3	−2.21
24081	05 10 23.16	+45 28 06.6	8.98 H	77.596 510 65	+45.468 495 49	3.54	0.04	0.22	1.14	0.89	1.18	1.55	1.08	+34 +17 −11 +36 +27 −28 +21 +64 −22 +42	0	−1.92
24082	05 10 24.63	−58 29 11.3	8.81 H	77.602 605 58	−58.486 467 64	5.22	22.34	39.97	0.67	0.69	0.74	0.77	0.88	+13 −19 + 3 +13 − 2 − 4 + 3 − 3 − 7 +37	0	0.36
24083	05 10 24.68	+49 59 37.4	9.65 H	77.602 844 02	+49.993 709 22	4.14	−1.73	−5.92	1.40	1.06	1.49	1.94	1.13	−17 + 3 −11 +30 −51 − 8 −45 +27 −10 −13	0	−0.45
24084	05 10 25.25	−80 24 29.0	7.58 H	77.605 197 51	−80.408 059 01	12.47	62.48	80.97	0.51	0.46	0.54	0.54	0.58	−12 +18 − 1 + 2 −11 + 2 −11 + 9 − 2 −23	0	−1.85
24085	05 10 26.80	−77 13 01.5	7.73 2 H	77.611 681 45	−77.217 081 05	5.57	−19.19	−3.93	0.55	0.51	0.59	0.59	0.67	−10 +13 + 5 + 5 −10 + 4 −13 + 3 − 2 −17	0	−0.33
24086	05 10 27.68	−20 05 35.7	8.85 1 H	77.615 342 04	−20.093 253 11	1.43	4.79	6.85	0.70	0.76	1.13	0.94	0.85	+28 + 4 −16 − 8 −23 +17 −11 +14 −11 −16	0	−0.34
24087	05 10 27.83	−32 03 33.2	7.95 H	77.615 956 87	−32.059 225 05	3.12	−0.55	18.52	0.56	0.63	0.86	0.62	0.68	− 7 +10 −31 +12 −20 +38 −10 − 3 + 3 − 4	0	−0.14
24088 H	05 10 28.22	+01 37 17.6	9.51 H	77.617 583 12	+01.621 543 74 A	−1.25	−2.33	1.58	4.90	3.62	5.30	5.49	4.07	+ 0 +38 −23 +14 − 3 + 8 − 7 +29 −12 +28	1	1.42
24089	05 10 29.93	−41 01 40.7	9.50 H	77.624 718 40	−41.027 983 55	3.42	4.86	23.56	0.79	0.88	0.97	0.80	1.02	− 3 +13 − 2 −17 − 2 − 4 − 2 +25 + 5 − 3	0	−0.95
24090	05 10 30.03	−69 19 13.4	8.68 H	77.625 117 73	−69.320 391 13	4.73	17.70	−7.31	0.86	0.78	0.84	0.81	0.98	+17 +15 +12 −27 −14 +11 −19 −12 − 4 +11	0	0.36
24091	05 10 32.70	−37 47 25.1	9.45 G	77.636 247 68	−37.790 309 28	8.50	13.53	−10.60	0.83	0.89	1.07	1.00	1.14	−12 + 9 −10 + 1 −11 + 9 − 8 − 8 + 6 − 4	1	1.69
24092	05 10 32.96	−18 39 44.9	8.08 H	77.637 330 44	−18.662 466 11	4.69	−0.41	9.74	0.68	0.60	0.90	0.68	0.67	− 2 +25 −20 −24 −20 +17 −17 − 1 −16 −20	0	−0.84
24093	05 10 33.02	+05 18 53.8	7.30 H	77.637 588 30	+05.314 958 19	10.09	9.53	−1.37	0.93	0.65	1.09	1.14	0.85	+19 +37 − 4 +24 +15 +11 +11 +45 − 6 +27	0	−0.48
24094	05 10 33.17	−15 59 15.5	9.16 H	77.638 191 69	−15.987 646 50	1.34	2.62	−2.03	0.84	0.79	1.41	0.97	0.93	− 9 +30 −21 − 5 −18 −15 −20 +27 −21 −29	1	0.08
24095 H	05 10 33.52	−46 15 03.1	9.44 H	77.639 648 04	−46.250 847 42 A	7.48	16.03	45.83	1.56	1.68	1.22	1.25	1.40	+13 +13 − 7 −12 + 2 − 5 − 2 − 5 − 4 − 2	1	−0.44
*24096	05 10 34.06	+40 50 38.9	7.72 H	77.641 934 50	+40.844 135 51	12.49	−52.66	−12.92	1.00	0.66	1.16	1.10	0.70	−11 +39 −32 +34 − 7 − 4 −19 +65 −34 + 2	0	0.98
*24097 H	05 10 34.07	+49 23 45.4	8.09 H	77.641 945 01	+49.395 947 00 A	3.84	−11.48	−9.04	2.05	1.42	1.85	2.18	1.28	− 7 + 1 −14 −12 −19 + 7 −20 + 2 − 2 − 7	0	0.08
*24098	05 10 34.04	−51 18 06.2	8.65 H	77.641 850 54	−51.301 708 45	17.19	37.48	102.70	0.64	0.74	0.75	0.67	0.84	+ 1 − 3 + 7 − 9 − 7 −18 + 7 +12 − 3	1	0.58
24099	05 10 34.12	−11 38 55.1	7.13 G	77.642 185 71	−11.648 635 13	4.89	−11.25	−1.80	0.58	0.49	0.73	0.59	0.55	− 4 +35 − 6 +25 −19 + 1 −22 +30 −11 −10	0	0.74
24100	05 10 34.98	+30 47 51.2	6.71 G	77.645 731 41	+30.797 548 58	1.04	−0.97	−3.69	0.87	0.49	1.03	0.93	0.54	+10 +42 + 7 + 3 +18 +12 + 4 +43 −28 − 3	0	−0.30

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
24001	10.242	0.033	8.936	0.019	A	−0.200	0.495	G	1.03	0.10	S *	8.9544	0.0044	0.033	72	*	8.89	8.99		R	05096−0356	I 1	2 C D	AB	232	6.654	0.049	3.16	0.21	D
24002	8.195	0.012	7.022	0.008		1.006	0.011	T	0.98	0.01	L	7.0751	0.0016	0.012	76		7.06	7.11		U 2			1							S
24003	7.848	0.005	6.553	0.004		1.101	0.005	T	1.06	0.01	L	6.5961	0.0007	0.009	197		6.58	6.61					1							S
24004	8.137	0.008	7.766	0.009		0.351	0.011	T	0.41	0.01	L	7.8053	0.0013	0.010	109		7.78	7.82		C			1							S
24005	9.320	0.021	8.561	0.018		0.677	0.021	T	0.74	0.02	L	8.6459	0.0017	0.015	93		8.62	8.67		C	05097+2948	I 2	1							
24006	10.736	0.045	10.573	0.061		0.093	0.037	G	0.11	0.04	H	10.6194	0.0044	0.040	107		10.55	10.68					1							G P
24007	11.387	0.111	10.233	0.065		0.991	0.100	T	0.97	0.08	L	10.4642	0.0031	0.026	67		10.43	10.51		D			1 S							G
24008	8.026	0.007	7.531	0.007		0.463	0.015	G	0.53	0.02	H	7.5889	0.0011	0.008	108		7.57	7.61					1							S
24009	6.935	0.004	6.664	0.005		0.251	0.003	G	0.28	0.00	H	6.7035	0.0008	0.009	140		6.69	6.72		C			1							S
24010	5.192	0.003	4.849	0.003		0.313	0.011	G	0.40	0.03	C	4.8886	0.0004	0.003	71		4.88	4.89			05097+1536	I 1	1 G							S
24011	9.995	0.027	9.572	0.028	A	0.400	0.036	T	0.47	0.04	L	9.6926	0.0106	0.046	74	A	9.65	9.80		D	05097+2546	H 1	2 C A	AB	304	14.067	0.019	1.80	0.06	G
24012	9.317	0.012	7.668	0.006		1.379	0.011	T	1.35	0.01	L	7.6662	0.0010	0.011	149		7.65	7.69		C			1							
24013	9.351	0.017	8.191	0.011	A	0.736	0.126	G	0.96	0.01	L *	8.2010	0.0013	0.010	81	*	8.18	8.21		D	05097+3741	M 1	2 C A	AB	305	1.128	0.026	2.51	0.05	
24014	10.586	0.036	8.968	0.016		1.355	0.031	T	1.32	0.04	L	8.9502	0.0016	0.016	112		8.91	8.98		C			1							
24015	7.666	0.006	7.260	0.006		0.368	0.015	G	0.43	0.02	H	7.3162	0.0014	0.011	126		7.30	7.33			05097−2230	I 1	1							S
24016	7.285	0.007	6.719	0.006		0.526	0.009	G	0.60	0.01	H	6.7862	0.0009	0.007	93		6.78	6.80		C	05097+2948	I 2	1 G							S
24017	6.869	0.004	6.408	0.004		0.448	0.004	T	0.52	0.00	L	6.4673	0.0008	0.008	152		6.46	6.48					1							S
24018	9.994	0.023	8.044	0.009		1.653	0.020	T	1.78	0.06	O	7.9632	0.0024	0.025	133		7.93	8.00		U			1							
24019	6.346	0.004	6.045	0.004	A	0.311	0.005	G	0.36	0.01	H	6.0141	0.0024	0.014	81	–	6.00	6.05	1.40	P 1 A	05098+2802	I 2	1 C P D							S X
24020	9.428	0.024	8.686	0.020	*	0.707	0.023	G	0.76	0.02	R	6.0425	0.0132	0.080	67	–	6.01	6.31		D	05098+2802	I 2	2 C L D	BC	87	0.665	0.065	0.61	0.29	X
24021	7.979	0.009	7.476	0.008		0.464	0.014	G	0.53	0.01	H	7.5199	0.0010	0.006	63		7.51	7.53					1							S
24022	9.091	0.009	8.279	0.007		0.745	0.015	G	0.79	0.01	H	8.3351	0.0024	0.024	214		8.29	8.37		U 2			1							S
24023	10.136	0.029	8.653	0.015		1.249	0.026	T	1.21	0.03	L	8.6575	0.0020	0.015	95		8.63	8.69					1							
24024	8.750	0.008	8.731	0.010		0.022	0.012	T	0.04	0.01	L	8.7684	0.0015	0.018	195		8.74	8.81					1							
24025	11.911	0.124	8.638	0.013		2.579	0.091	T	2.64	0.09	L	8.3131	0.0085	0.082	112		8.12	8.36		U 2			1 S							
24026	10.918	0.054	10.278	0.047		0.588	0.053	T	0.66	0.05	L	10.2058	0.0033	0.023	92		10.17	10.25		C			1							
24027	9.079	0.010	7.836	0.006		1.061	0.009	T	1.03	0.01	L	7.8876	0.0011	0.014	187		7.86	7.91					1							S
24028	8.937	0.015	8.792	0.018		0.140	0.022	T	0.15	0.02	L	8.8525	0.0019	0.018	75		8.82	8.88		C			1							
24029	8.369	0.010	8.153	0.011		0.200	0.015	T	0.22	0.02	L	8.2150	0.0102	0.123	89		7.95	8.33		U 2 C			1							
24030	10.293	0.040	9.765	0.039		0.520	0.025	G	0.59	0.03	H	9.8219	0.0018	0.012	58		9.80	9.84		D			1							
24031	7.554	0.007	7.003	0.006	A	0.546	0.003	G	0.62	0.00	H *	7.0283	0.0008	0.006	88	*	7.02	7.04		D	05100+0810	I 1	2 C B	AB	259	3.668	0.025	3.31	0.08	S
24032	9.103	0.030	8.003	0.019	*	0.950	0.028	T	0.94	0.02	L *	8.1142	0.0014	0.010	74	*	8.10	8.14		D	05100+1053	I 1	2 C A	AB	164	3.602	0.006	1.85	0.03	S
24033	9.580	0.024	9.173	0.025		0.385	0.032	T	0.45	0.04	L	9.2271	0.0026	0.019	63		9.20	9.27		C			1							
24034	10.157	0.034	9.581	0.032		0.541	0.035	T	0.61	0.04	L	9.6306	0.0024	0.017	64		9.60	9.67		C			1							
24035	10.534	0.051	9.338	0.028		0.930	0.003	G	0.98	0.00	I	9.3646	0.0020	0.018	83		9.34	9.39		C	05101+2734	I 2	1							
24036	7.347	0.004	7.281	0.006		0.066	0.007	T	0.08	0.01	L	7.3082	0.0011	0.011	181		7.29	7.33			05100+7541	I 1	1							S
24037	9.313	0.014	8.576	0.012		0.681	0.004	G	0.74	0.00	H	8.6249	0.0018	0.016	104		8.60	8.66		D	05100−0704	I 2	1							
24038	8.911	0.012	7.063	0.006		1.537	0.011	T	1.59	0.02	L	7.0025	0.0014	0.012	119		6.98	7.02					1							S
24039	10.449	0.034	9.628	0.026		0.740	0.033	T	0.79	0.02	L	9.6312	0.0038	0.028	100		9.59	9.68		R	05100−4726	I 1	1							
24040	8.794	0.012	8.399	0.013		0.407	0.015	G	0.47	0.02	H	8.4179	0.0017	0.017	99		8.39	8.45					1							S
24041	7.514	0.008	6.233	0.005		1.098	0.003	G	1.05	0.04	E	6.2749	0.0010	0.006	61		6.26	6.28		C			1							S
24042						0.419	0.002	G	0.49	0.00	H	10.1258	0.0035	0.041	103		10.07	10.23		D	05100−0704	I 2	S							G
24043	10.705	0.058	8.523	0.017		1.844	0.050	T	2.55	0.08	O	8.3235	0.0027	0.020	73		8.29	8.36		U			1							
24044	10.303	0.023	8.737	0.011	*	1.314	0.020	T	1.28	0.02	L *	8.7615	0.0018	0.018	171	*	8.73	8.80			05101+6816	H 1	2 C S C	AB	352	0.168	0.109	2.46	1.48	
24046	7.534	0.007	7.028	0.006		0.505	0.006	G	0.58	0.01	H	7.0786	0.0010	0.007	81		7.07	7.09		C	05101+2734	I 2	1							S
24047	10.970	0.055	9.260	0.021	*	1.427	0.047	T	1.41	0.07	L *	9.2645	0.0020	0.016	87	*	9.24	9.29		R	05101+2645	I 1	2 C A	AB	84	0.204	0.011	0.58	0.47	
24048	8.317	0.011	8.313	0.014		0.005	0.016	T	0.03	0.01	L	8.3276	0.0018	0.011	56		8.31	8.34		C			1							S
24049	8.305	0.010	8.046	0.011		0.264	0.015	G	0.30	0.02	H	8.0823	0.0010	0.011	100		8.07	8.11					1							
24050	10.466	0.035	8.822	0.016		1.375	0.030	T	1.35	0.04	L	8.8203	0.0019	0.015	92		8.79	8.85		C			1							
24051	9.805	0.034	9.326	0.032	*	0.410	0.020	G	0.48	0.02	H *	9.4309	0.0020	0.021	82	*	9.39	9.47		D	05101−0829	H 1	2 C S A	AB	27	0.186	0.008	0.27	0.18	
24052	7.543	0.010	7.483	0.011		0.060	0.014	T	0.07	0.01	L	7.5127	0.0018	0.012	65		7.49	7.54					1							
24053	10.042	0.034	9.964	0.046		0.070	0.052	T	0.08	0.06	L	10.0349	0.0030	0.024	58		10.00	10.08		C			1							G
24054	10.294	0.030	8.867	0.016		1.205	0.027	T	1.16	0.03	L	8.9223	0.0015	0.014	104		8.90	8.95		C			1							
24055	11.133	0.082	9.913	0.051		1.043	0.075	T	1.01	0.06	L	10.2353	0.2988	1.406	101		7.97	11.78	396.00	P 1 B			1 S							G P
24056	10.025	0.022	8.512	0.012		1.272	0.020	T	1.23	0.02	L	8.5019	0.0017	0.015	125		8.48	8.53		C			1							
24057	8.033	0.007	7.884	0.009		0.132	0.002	G	0.15	0.00	H	7.9184	0.0014	0.013	142		7.89	7.94					1							S
24058	7.866	0.010	7.808	0.010		0.052	0.013	T	0.06	0.01	L	7.8317	0.0017	0.010	76		7.81	7.86					1							S
24059	7.130	0.007	6.727	0.006		0.381	0.009	T	0.45	0.01	L	6.7772	0.0008	0.006	74		6.77	6.79		C			1							S
24060	8.860	0.013	8.958	0.017		−0.075	0.003	G	−0.05	0.00	H	8.9514	0.0019	0.013	97		8.92	8.97		C			1							
24061	10.968	0.053	9.843	0.031		0.870	0.015	G	0.88	0.01	H	9.9488	0.0033	0.028	99		9.90	9.99			05102−5735	I 1	1							
24062	9.226	0.020	8.015	0.013	*	1.036	0.019	T	1.01	0.02	L *	8.1328	0.0014	0.014	106	*	8.11	8.17		D	05102−7205	I 1	2 C A	AB	267	3.948	0.003	0.24	0.01	S
24063	7.817	0.009	7.562	0.011	*	0.243	0.013	T	0.27	0.02	L *	7.5880	0.0015	0.009	78	*	7.57	7.60		C	05102+2208	H 1	2 C S B	AB	336	0.110	0.023	1.19	0.85	S
24064	10.903	0.050	8.984	0.019		1.627	0.044	T	2.54	0.08	O	8.7571	0.0099	0.122	97		8.57	9.00		U 2			1							
24065	8.397	0.012	7.821	0.010		0.539	0.015	G	0.61	0.02	H	7.8775	0.0014	0.010	83		7.86	7.89					1							S
24066	12.009	0.168	10.291	0.053		1.590	0.015	G	1.56	0.01	J	10.0575	0.0028	0.033	104		9.99	10.11					1 S							
24067	8.268	0.009	8.123	0.011	A	0.200	0.495	G	0.13	0.03	L *	8.1266	0.0013	0.011	113	*	8.11	8.15		D	05103+5704	I 1	2 C A	AB	9	1.537	0.036	3.17	0.08	S
24068	10.131	0.026	9.045	0.017		0.939	0.024	T	0.93	0.02	L	9.1106	0.0023	0.017	111		9.08	9.14					1							
24069						1.383	0.133	G	1.63	0.25	I	12.3705	0.0129	0.083	71		12.25	12.49					1							D
24070	10.423	0.027	8.900	0.013		1.280	0.024	T	1.24	0.03	L	8.9235	0.0024	0.024	137		8.88	8.97		U			1							
24071	10.789	0.040	10.187	0.039		0.590	0.015	G	0.66	0.01	H	10.2109	0.0023	0.029	127		10.16	10.26					1 S							
24072	6.881	0.009	6.497	0.038	B	0.720	0.002	G	0.77	0.00	H *	6.0595	0.0013	0.010	87	*	6.05	6.08		R	05103+3719	I 1	2 C A	BA	42	1.627	0.004	0.20	0.02	S
24073	11.247	0.053	10.050	0.030		1.025	0.047	T	1.00	0.04	L	10.1161	0.0033	0.035	129		10.05	10.16					1							G
24074	10.627	0.037	10.084	0.035		0.550	0.015	G	0.62	0.01	H	10.1060	0.0028	0.023	105		10.06	10.14		C			1							
24075	8.821	0.015	8.537	0.016		0.243	0.015	G	0.27	0.02	H	8.6278	0.0023	0.014	80		8.60	8.65		C			1							
24076	8.011	0.011	7.482	0.010	*	0.543	0.015	G	0.62	0.01	H *	7.5265	0.0013	0.010	91	*	7.51	7.55		D	05103−0736	I 1	2 C S A	AS	307	0.196	0.005	0.20	0.13	S
24077	10.364	0.049	8.944	0.025		1.000	0.040	G	0.98	0.03	R	8.9599	0.0036	0.018	52		8.92	8.99		C			1							
24078						1.530	0.015	G	2.30	0.11	I	11.4055	0.0076	0.051	66		11.33	11.48		D			S							G G
24079	9.204	0.015	8.702	0.014		0.483	0.016	T	0.55	0.02	L	8.7402	0.0013	0.015	94		8.72	8.76					1 S							
24080	10.467	0.040	10.385	0.058		0.013	0.032	G	0.03	0.03	H	10.4112	0.0091	0.182	95		10.28	10.74	4.79	P 1 A			1 S							G P
24081	9.105	0.022	8.973	0.027		0.127	0.033	T	0.14	0.03	L	9.0233	0.0032	0.016	63		9.00	9.05		C			1							
24082	9.232	0.015	8.856	0.016		0.356	0.020	T	0.42	0.02	L	8.9011	0.0013	0.016	104		8.87	8.93					1							
24083	9.997	0.029	9.615	0.032		0.362	0.040	T	0.42	0.04	L	9.7298	0.0027	0.020	80		9.70	9.79		C			1 S							G
24084	8.190	0.010	7.637	0.009		0.513	0.015	G	0.59	0.02	H	7.6910	0.0009	0.009	104		7.68	7.71					1							S
24085	9.119	0.013	7.881	0.008		1.102	0.000	G	1.06	0.00	H	7.9007	0.0054	0.051	120		7.84	7.99		U 2			1							S P
24086	10.738	0.033	8.974	0.012		1.470	0.028	T	1.48	0.04	L	8.9811	0.0024	0.025	166		8.94	9.04		U			1							
24087	9.938	0.022	8.075	0.009		1.549	0.019	T	1.61	0.04	L	8.0717	0.0014	0.015	132		8.04	8.10		C			1							S
24088	9.682	0.029	9.571	0.036	*	0.108	0.043	T	0.12	0.05	L *	9.5497	0.0027	0.018	56	*	9.52	9.57		D	05105+0137	I 1	2 C A	AB	189	0.735	0.004	0.39	0.02	
24089	10.621	0.036	9.597	0.024		0.892	0.032	T	0.90	0.02	L	9.6616	0.0023	0.024	117		9.61	9.71		C			1							
24090	10.189	0.032	8.798	0.017		1.176	0.028	T	1.14	0.03	L	8.8492	0.0017	0.015	100		8.82	8.87		C			1 S							
24091	10.186	0.025	9.468	0.021		0.600	0.015	G	0.67	0.01	H	9.5872	0.0021	0.021	122		9.56	9.63		C			1 G							
24092	8.080	0.007	8.070	0.009		0.002	0.002	G	0.02	0.00	H	8.0871	0.0018	0.015	110		8.06	8.12		C			1							S
24093	7.403	0.010	7.289	0.012		0.111	0.015	T	0.12	0.01	L	7.3400	0.0010	0.008	66		7.33	7.36					1							S
24094	9.143	0.015	9.127	0.020		0.015	0.022	T	0.03	0.02	L	9.1743	0.0023	0.023	115		9.14	9.21					1							
24095	10.037	0.024	9.519	0.023	*	0.486	0.030	T	0.56	0.03	L *	9.5474	0.0015	0.018	106	*	9.52	9.58		D	05106−4615	H 1	2 C A	AB	211	0.437	0.024	2.71	0.10	
24096	8.340	0.012	7.775	0.010		0.529	0.014	T	0.60	0.01	L	7.8389	0.0010	0.009	85		7.82	7.86		C			1							S
24097	9.466	0.023	8.218	0.015	*	1.064	0.021	T	1.03	0.02	L *	8.2537	0.0016	0.014	64	*	8.23	8.28		D	05106+4924	H 1	2 C A	AB	54	0.566	0.036	2.98	0.07	
24098	9.507	0.017	8.713	0.014		0.704	0.017	T	0.76	0.01	L	8.7824	0.0021	0.018	112		8.75	8.82					1							
24099	7.062	0.006	7.126	0.007		−0.057	0.003	G	−0.04	0.00	H	7.1243	0.0009	0.007	83		7.11	7.14		C			1							S
24100	8.755	0.014	6.873	0.006		1.594	0.012	G	1.55	0.03	C	6.8443	0.0011	0.008	86		6.83	6.86					1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
24101		05 10 37.92	+41 11 53.0	9.44		G	77.657 986 56	+41.198 069 38		3.36	2.32	−3.39	1.38	0.85	1.59	1.55	0.90	−11	+44	−21	+24	−28	+2	−31	+48	−27	−10	0	−0.48
24102		05 10 39.25	−10 54 52.3	9.23		H	77.663 549 14	−10.914 518 17		2.56	−2.12	−13.43	1.07	0.82	1.23	1.13	0.95	−28	+32	−10	+49	−39	+4	−41	+40	−12	−31	0	0.41
24103		05 10 39.95	+17 26 24.9	7.90	1	H	77.666 446 41	+17.440 253 81		2.56	−0.52	−6.52	1.10	0.61	1.34	1.22	0.70	+13	+51	−28	+15	+22	−15	−6	+45	−41	+36	0	0.93
24104		05 10 39.96	+15 16 46.6	8.16		G	77.666 517 76	+15.279 598 90		10.09	6.35	−47.47	0.94	0.59	1.06	1.19	0.65	+11	+29	−18	+11	+14	−13	+4	+41	−22	+18	0	1.16
24105		05 10 40.23	+49 41 15.4	9.41	3	T	77.667 622 22	+49.687 614 85		0.47	−3.74	−2.11	1.23	0.87	1.38	1.62	0.95	+11	+5	−5	−14	−31	+3	−27	−14	+0	+4	0	0.90
24106		05 10 41.87	−36 16 29.1	7.83		H	77.674 453 48	−36.274 756 44		8.85	−3.90	2.37	0.52	0.60	0.71	0.53	0.72	+6	−3	−19	−3	−10	+13	−9	+5	−7	+6	1	0.11
24107		05 10 42.21	−34 24 43.0	9.60		H	77.675 882 20	−34.411 952 02		4.04	16.68	−79.19	2.77	3.30	3.90	3.06	4.09	−10	+4	−18	+1	−5	+6	−3	−7	−15	+5	0	
120001		05 10 42.43	−20 45 03.0	10.52		H	77.676 787 60	−20.750 829 56	B	4.54	−5.89	22.37	24.20	28.88	12.21	27.51	32.08	+8	+9	−7	+0	−21	+9	−24	+1	−7	−17	0	1.32
24108		05 10 42.65	+63 35 50.7	6.74		H	77.677 719 86	+63.597 410 25	A	11.63	33.65	−81.55	0.65	0.58	0.88	0.66	0.58	−4	+15	−8	+7	+40	−9	+38	+23	+1	+9	2	2.47
24109		05 10 42.87	+46 57 44.8	5.67		H	77.678 628 60	+46.962 435 11		21.64	57.35	−150.22	0.72	0.50	0.87	0.76	0.55	+15	+32	+7	+15	+21	+6	+9	+31	−29	+10	0	0.28
24110		05 10 43.02	−44 34 20.0	8.71		G	77.679 254 95	−44.572 225 59		17.86	97.80	182.46	0.72	0.74	0.82	0.89	0.82	−19	+11	+2	+5	−13	+5	−11	+3	+7	−28	2	0.64
24111	H	05 10 43.31	−48 27 19.7	7.73		H	77.680 456 15	−48.455 472 36	A	7.65	26.45	14.79	0.95	0.95	0.95	1.00	1.15	−4	+20	−14	+25	−11	−7	−16	+17	−10	−1	4	−0.03
24112		05 10 43.49	−20 44 54.3	7.64		G	77.681 209 83	−20.748 410 93	A	6.99	−6.31	0.53	1.07	1.12	1.24	1.18	1.22	+3	+8	−9	+5	−21	+1	−22	+12	−6	−17	0	1.32
24113		05 10 44.56	+25 08 31.1	8.46		H	77.685 671 36	+25.141 969 43		14.85	−24.57	−191.36	1.27	0.60	1.43	1.32	0.63	−15	+52	−21	−7	+18	+19	+3	+26	−19	+6	0	0.73
24114		05 10 44.59	−25 54 37.9	6.40		H	77.685 803 76	−25.910 526 99		4.50	−1.45	26.48	0.37	0.51	0.72	0.44	0.61	−5	+12	−41	−27	−5	+1	−7	+1	−10	+1	1	1.64
24115		05 10 44.96	−13 52 40.0	9.14		H	77.687 315 52	−13.877 787 10		3.75	−3.11	−24.86	0.89	0.78	1.21	0.92	0.86	−19	+34	−11	+26	−28	+10	−33	+26	−25	−32	0	1.22
24116		05 10 47.51	+20 34 09.3	7.84		H	77.697 947 17	+20.569 237 73		11.56	41.16	−25.71	1.10	0.53	1.19	1.11	0.57	−9	+43	−16	−32	+14	+21	−4	+12	−3	+35	3	2.10
24117		05 10 47.56	−05 10 11.1	8.43		H	77.698 165 44	−05.169 749 88		2.39	2.74	−0.55	0.89	0.71	1.13	1.01	0.81	+5	−6	−21	+7	−56	−2	−56	−25	+30	+1	0	0.70
*24118		05 10 48.20	+41 00 10.5	8.23	2	H	77.700 844 72	+41.002 902 99		3.09	−0.37	−3.54	1.05	0.67	1.22	1.08	0.72	−7	+48	−30	+29	−3	+1	−16	+63	−32	+6	0	−0.44
*24119		05 10 48.20	−42 25 10.8	8.50		H	77.700 843 51	−42.419 664 68		3.09	0.30	−22.82	0.67	0.64	0.76	0.73	0.76	−2	+8	−5	−12	−8	+17	−7	+0	+0	−10	0	0.14
24120		05 10 49.56	−37 49 02.9	9.45		G	77.706 514 07	−37.817 462 75		1.64	79.65	−30.25	0.82	0.92	1.08	0.99	1.11	−14	+9	−16	+0	−6	+18	−3	−9	+4	−14	1	−0.32
24121		05 10 50.93	+16 25 45.0	8.60		G	77.712 208 62	+16.429 157 92		4.00	160.30	−219.40	1.01	0.74	1.14	1.24	0.84	+30	+30	−26	+19	+42	−28	+22	+58	−29	+53	0	−0.09
24122		05 10 52.09	−44 35 03.5	8.61		H	77.717 047 71	−44.584 316 87		2.48	5.71	59.61	0.72	0.74	0.83	0.88	0.82	−17	+16	+2	+4	−14	+5	−11	+4	+10	−28	0	−0.82
24123		05 10 52.20	−23 34 27.1	8.58		H	77.717 512 76	−23.574 204 06		5.99	−10.95	7.73	0.72	0.79	1.18	0.83	1.02	+1	−11	−29	−61	−1	+17	+2	−10	+1	+4	0	0.72
24124		05 10 52.44	+06 16 27.9	10.94		G	77.718 513 99	+06.274 413 98		13.51	−0.74	2.10	2.36	1.71	2.80	3.43	2.42	+33	+16	+0	−1	+0	+7	−6	+21	−18	+45	5	0.27
24125		05 10 54.64	+79 28 53.2	8.57		H	77.727 652 23	+79.481 444 05		1.24	−0.43	−7.05	0.53	0.67	0.75	0.59	0.82	−13	+10	+2	+25	+0	−1	+1	+14	+0	−7	0	1.26
24126		05 10 57.24	−48 30 25.5	9.11	3	T	77.738 506 44	−48.507 095 78		2.09	6.38	6.78	1.13	1.11	1.29	1.47	1.43	−4	−15	−47	+36	−3	−9	−10	+24	+13	−6	2	3.24
24127	H	05 10 57.32	−01 45 50.1	7.87		H	77.738 822 50	−01.763 920 85	A	1.11	2.02	−4.95	2.00	1.64	2.05	2.33	1.95	−1	+21	−9	+21	−2	−9	−4	+31	−2	+30	0	0.99
24128	H	05 10 57.74	−43 29 25.7	9.66		H	77.740 566 84	−43.490 475 01	*	1.97	19.77	7.16	2.16	2.69	1.36	1.34	1.87	−14	−1	−11	−6	+2	+6	−3	+20	−6	−6	1	0.24
*24129		05 10 57.99	+21 47 27.4	8.37		H	77.741 623 96	+21.790 940 59		2.81	−2.40	−8.00	1.15	0.61	1.25	1.30	0.66	+3	+54	−16	+13	−7	+6	−7	+23	−7	+13	2	0.84
*24130		05 10 57.97	−02 15 13.5	6.24		G	77.741 561 83	−02.253 748 08		20.66	85.61	−150.55	0.73	0.56	0.84	0.90	0.74	+8	+32	−20	+21	+24	−13	+16	+43	−11	+26	0	0.41
24131		05 10 58.93	−34 54 13.7	7.10		H	77.745 529 49	−34.903 796 09		1.37	3.51	9.63	0.49	0.55	0.65	0.55	0.73	−13	+6	−14	+24	−4	−3	−6	+28	−15	−6	0	−1.16
24132		05 10 59.01	+14 55 18.5	7.93		H	77.745 863 46	+14.921 812 57		2.61	−10.78	−7.85	1.04	0.64	1.15	1.20	0.71	+8	+38	−14	+19	+8	−15	−2	+46	−17	+29	0	0.85
24133	H	05 10 59.19	+32 02 19.5	7.61		H	77.746 629 06	+32.038 757 44	A	21.39	−116.47	21.53	2.28	1.39	2.18	1.81	1.16	−28	+25	−22	+18	−14	+2	−26	+57	−22	−5	6	1.99
24134		05 10 59.60	−32 36 53.4	8.63		H	77.748 347 85	−32.614 846 60		1.87	3.57	3.87	0.63	0.70	0.88	0.66	0.79	−14	+15	−24	+1	−13	+15	−9	−4	+12	−10	0	2.71
24135		05 11 00.11	+52 46 03.1	8.77		H	77.750 461 29	+52.767 534 08		1.19	5.05	−15.55	1.00	0.74	1.17	1.08	0.79	+21	+32	−12	+13	−4	+7	−2	+18	+0	+31	0	1.38
24136		05 11 01.80	+25 57 30.3	9.58		H	77.757 520 48	+25.958 424 08		15.74	90.71	−95.38	1.26	0.76	1.44	1.41	0.80	+7	+18	−29	−3	+31	−6	+16	+40	−29	+32	0	0.07
24137		05 11 02.30	+39 16 55.2	8.30		H	77.759 571 80	+39.282 009 65	A	8.18	36.90	21.34	3.58	2.53	3.13	3.77	2.54	+31	+32	−18	+4	+24	+9	+14	+61	−23	+39	19	1.45
24138	H	05 11 02.74	−24 26 54.2	8.89	1	H	77.761 406 56	−24.448 387 64	A	4.26	1.55	12.56	1.23	2.04	2.56	1.34	2.21	−22	+10	−24	+11	−13	+9	−14	+4	+3	−15	5	2.15
24139		05 11 03.06	+73 02 34.3	8.64		H	77.762 737 33	+73.042 873 07		3.25	−2.03	−0.01	0.54	0.75	0.95	0.57	0.92	−3	+7	+8	+14	+3	−3	+5	−1	+8	−4	0	−0.48
24140		05 11 03.36	+43 36 21.0	8.92		H	77.764 000 21	+43.605 834 28		1.75	1.13	−1.05	1.13	0.63	1.29	1.15	0.67	+6	+42	−15	+4	−10	+1	−19	+26	−19	+27	0	0.27
24141		05 11 03.62	+39 16 59.2	9.46		H	77.765 071 63	+39.283 123 68	B	9.15	17.82	12.32	17.43	11.93	8.87	13.85	9.04	+25	+30	−13	−9	+19	+12	+8	+49	−22	+35	19	1.45
24142		05 11 05.85	+17 23 57.9	9.15		H	77.774 358 55	+17.399 404 14		13.53	30.74	−70.29	1.45	0.91	1.78	1.71	1.04	+17	+40	−32	+21	+31	−13	+6	+56	−44	+34	0	0.16
24143		05 11 06.05	+12 22 45.7	8.99		H	77.775 192 02	+12.379 348 07		4.37	1.16	−5.62	1.09	0.76	1.21	1.43	0.86	+14	+24	−12	+14	+33	−2	+22	+53	−15	+28	0	−0.96
24144		05 11 06.18	−00 39 41.8	10.62		H	77.775 737 80	−00.661 615 13		−0.68	5.90	−3.51	2.25	1.59	2.88	2.32	1.87	+0	+50	−16	+28	+9	+22	+2	+36	−14	+22	0	−0.59
24145		05 11 07.96	+37 18 06.8	8.74		H	77.783 178 95	+37.301 896 52		−1.07	−2.21	−3.12	1.12	0.68	1.26	1.21	0.73	+4	+42	−20	+10	+12	−5	−5	+54	−23	+27	0	1.20
24146		05 11 08.59	−06 01 24.9	7.91		G	77.785 805 91	−06.023 578 29		4.39	−7.41	−13.08	0.78	0.59	1.01	0.83	0.60	−32	+37	−29	+33	−46	+14	−41	+2	+2	−30	0	0.23
24147		05 11 09.28	−53 53 16.3	8.59		H	77.788 671 04	−53.887 854 61		1.79	−2.68	16.00	0.67	0.71	0.74	0.67	0.87	−1	−16	−8	−12	−5	+0	−7	−10	+9	−8	0	0.63
24148		05 11 10.37	−24 20 57.3	7.93		H	77.793 222 81	−24.349 261 08		0.82	−6.80	4.14	0.38	0.66	0.94	0.46	0.81	−17	+12	−24	+2	−16	+12	−13	−1	+2	−17	0	0.57
24149		05 11 10.59	−26 42 13.2	8.32		H	77.794 135 60	−26.703 672 42		4.14	−13.39	−63.47	0.53	0.79	1.04	0.65	0.98	−5	+9	−32	−7	+4	+13	+7	+16	−2	+7	0	1.03
24150		05 11 10.88	+35 21 28.0	7.84		H	77.795 336 81	+35.357 767 14		7.04	10.57	−41.34	0.93	0.54	1.03	0.90	0.59	+6	+52	−19	+13	+15	+0	−1	+52	−18	+32	0	−0.77
24151		05 11 11.42	+23 03 50.7	7.86		H	77.797 582 62	+23.064 079 06		5.01	−20.61	−9.99	0.97	0.62	1.01	1.30	0.71	−12	+0	−10	−16	+36	+23	+32	+19	−24	−6	0	0.38
24152		05 11 12.14	−29 35 45.1	8.28		G	77.800 562 79	−29.595 872 68		7.97	−1.04	−28.39	0.61	0.68	0.94	0.73	0.83	−4	+11	−13	−8	−4	+20	+1	+1	+7	−11	4	0.74
24153		05 11 13.26	−66 41 16.8	9.14		H	77.805 261 30	−66.688 002 26		9.21	−25.82	12.08	0.77	0.84	0.84	0.95	1.08	−16	+10	−15	−8	+8	−3	+9	−13	+16	−33	0	−0.15
24154		05 11 13.53	−05 18 30.0	9.89		H	77.806 385 10	−05.308 336 11		0.67	−0.12	−6.23	1.26	0.98	1.63	1.39	1.07	−10	+14	+1	+23	−56	−14	−53	−11	+16	−16	0	0.63
24155		05 11 14.25	−39 52 22.6	9.66		G	77.809 381 98	−39.872 932 75		5.01	2.20	−18.35	0.77	0.87	0.97	0.91	1.02	−8	−12	−3	−25	+7	+20	+0	+22	−2	+9	1	−0.07
24156		05 11 14.50	−08 33 24.4	9.40	2	H	77.810 409 26	−08.556 788 33		−6.68	7.20	−25.73	1.43	1.02	2.16	1.59	1.31	−24	+44	−8	+25	−18	+20	−34	+23	−40	−34	6	1.17
24157		05 11 16.51	−56 03 26.1	9.62		G	77.818 782 87	−56.057 260 64		20.83	169.36	142.02	0.91	0.97	1.02	1.14	1.34	−3	−10	−13	−14	+0	+6	−3	−3	+15	+16	0	−0.38
24158		05 11 17.87	+22 07 00.8	8.07		H	77.824 469 81	+22.116 881 30		1.49	0.43	−0.80	0.95	0.57	1.07	1.17	0.60	−8	+41	−30	+15	−5	+12	−5	+21	−11	+0	0	0.85
24159		05 11 18.03	+07 00 18.9	8.16		H	77.825 112 42	+07.005 250 99		3.09	−5.36	−23.86	1.31	0.91	1.68	1.84	1.30	+30	+42	−12	+18	+13	+15	−4	+47	−27	+51	0	1.35
24160		05 11 18.14	+29 43 48.0	7.11		H	77.825 597 75	+29.729 999 18		5.08	4.02	−21.41	0.88	0.45	0.94	0.99	0.49	+10	+44	−2	−8	−12	+13	−15	+29	−6	+20	0	−1.03
24161		05 11 18.30	−15 43 49.6	9.36		H	77.826 263 36	−15.730 452 99		1.98	4.98	−6.90	0.88	0.85	1.42	1.14	1.01	+12	+28	−13	−7	−6	−28	−7	+24	−16	−11	1	1.50
24162		05 11 19.13	−02 29 26.8	5.89		G	77.829 705 07	−02.490 785 92		26.04	81.46	1.44	0.72	0.57	0.83	0.89	0.77	+8	+27	−22	+24	+25	−15	+18	+39	−14	+24	0	−0.34
24163		05 11 20.08	+22 21 45.8	8.09		H	77.833 673 39	+22.362 723 98		3.02	0.68	−6.39	0.98	0.57	1.02	1.44	0.65	−17	+29	−24	+26	−4	−11	−7	+31	−2	−17	0	−0.76
24164		05 11 20.72	+28 59 29.9	8.05		H	77.836 344 92	+28.991 633 70		5.84	7.43	−19.47	1.19	0.62	1.22	1.38	0.67	+16	+40	+0	−21	+12	−2	+9	+60	−6	+27	0	0.60
24165		05 11 21.49	−36 28 45.4	8.36		H	77.839 532 19	−36.479 286 17		1.72	6.88	−10.62	0.65	0.70	0.84	0.66	0.85	−3	+1	−8	−13	−14	+16	−16	+4	+2	+1	0	1.56
24166		05 11 22.00	+02 28 14.7	10.53		H	77.841 645 87	+02.470 757 51		2.69	−11.77	−33.59	1.70	1.25	1.85	2.29	1.74	+29	+30	−3	+7	+5	+5	+2	+20	−6	+40	0	0.41
24167		05 11 22.53	−62 49 02.0	8.62		H	77.843 870 32	−62.817 229 50		2.84	−3.33	−36.79	0.73	0.76	0.79	0.87	1.01	+0	−3	−22	−17	−11	+1	−11	−10	+19	−15	0	1.05
24168	H	05 11 22.59	−31 54 30.9	8.52		H	77.844 121 95	−31.908 583 18	A	4.69	14.89	9.35	1.01	1.13	1.32	1.09	1.21	−5	+4	−18	+1	−16	+27	−12	−12	+6	+1	1	−0.69
24169		05 11 22.85	−11 50 57.2	5.60	2	H	77.845 218 13	−11.849 227 15		7.30	31.76	56.93	0.56	0.47	0.71	0.56	0.52	−5	+35	−6	+22	−24	+2	−27	+18	−11	−11	0	1.13
24170		05 11 23.16	+14 41 54.0	10.67		H	77.846 508 82	+14.698 343 03		4.48	8.20	−8.22	2.53	1.16	2.84	2.45	1.22	−19	+65	−24	+17	−4	−15	−20	+43	−24	+4	0	0.37
24171		05 11 25.59	−57 36 44.8	8.64		H	77.856 618 35	−57.612 448 62		1.04	−1.52	7.68	0.69	0.69	0.72	0.89	0.96	−10	+5	−7	+27	+2	−14	−3	−1	+14	−29	0	0.42
24172		05 11 27.56	+30 48 19.2	6.62		H	77.864 827 34	+30.805 339 26		6.14	−13.59	−4.16	0.89	0.47	1.04	0.89	0.50	+16	+44	+13	+2	+23	+20	+6	+41	−24	+9	0	−1.31
24173		05 11 28.18	−69 32 45.7	7.60		H	77.867 405 48	−69.546 019 30		4.18	4.08	−29.02	0.63	0.59	0.62	0.62	0.68	+14	+4	−7	−27	−18	+19	−17	−13	+9	+5	0	0.35
24174		05 11 28.86	−43 56 48.3	8.26		H	77.870 251 14	−43.946 753 34		4.13	23.72	−1.19	0.64	0.66	0.73	0.69	0.75	−16	+14	−11	−2	−8	+6	−8	+22	+2	−12	0	−1.96
24175		05 11 28.98	+44 44 00.6	7.74		H	77.870 754 35	+44.733 491 66		1.48	5.49	−6.51	1.00	0.68	1.08	1.12	0.75	+23	+39	−7	+29	+11	−3	+6	+52	−18	+19	0	−0.63
24176		05 11 29.54	−33 52 50.1	8.12		H	77.873 071 12	−33.880 578 26		18.02	−27.25	−33.30	0.61	0.67	0.83	0.72	0.82	−22	+9	−6	+25	−17	+14	−16	+14	+0	−21	3	0.36
24177		05 11 29.76	+10 07 17.6	11.97		G	77.874 005 31	+10.121 545 56		18.73	−37.88	−216.59	3.76	2.57	4.43	4.51	2.80	−2	+33	−34	+17	+23	−9	+6	+51	−30	+23	3	1.48
24178		05 11 30.05	−30 13 31.9	7.06		H	77.875 217 97	−30.225 526 71		8.48	17.41	6.30	0.42	0.51	0.65	0.45	0.61	−2	+4	−13	+1	+0	+12	+2	+1	−2	−3	1	0.46
24179		05 11 30.06	+53 14 05.2	7.52		H	77.875 264 51	+53.234 782 45		3.33	11.76	−35.12	0.78	0.61	0.92	0.85	0.62	+26	+25	−18	−6	−22	+9	−20	+3	−6	+33	0	1.51
24180		05 11 30.97	+05 42 12.8	7.88		H	77.879 058 25	+05.703 550 36		17.75	60.65	−139.87	0.91	0.68	1.12	1.25	0.94	+17	+20	+13	+20	+6	+8	+5	+36	−2	+15	0	1.74
24181		05 11 32.79	+12 40 11.9	10.45		H	77.886 622 02	+12.669 981 65		5.87	24.45	−8.70	2.16	1.23	2.38	2.29	1.35	+18	+52	−8	+22	+20	+10	+11	+41	−13	+20	3	−0.05
24182		05 11 33.14	+04 53 13.1	8.63		H	77.888 087 79	+04.886 972 14		5.63	−0.85	−16.10	1.18	0.83	1.42	1.46	1.13	+11	+37	−8	+15	+16	+11	+10	+29	−17	+13	0	2.32
24183		05 11 33.49	−01 09 40.8	9.77		H	77.889 538 57	−01.161 337 98		2.25	−2.04	−7.46	1.58	1.12	1.78	1.92	1.44	−11	+34	−17	+41	−5	+10	−7	+39	−11	+22	0	−1.43
24184		05 11 34.02	+35 57 26.4	7.08		H	77.891 766 87	+35.957 327 86		5.48	−14.91	10.96	0.91	0.52	1.00	0.94	0.57	+7	+53	−9	+15	+6	−7	−1	+53	−14	+10	0	−0.07
24185		05 11 34.38	+71 39 46.4	8.43		H	77.893 230 30	+71.662 877 27		2.08	8.29	−4.65	0.50	0.77	1.04	0.50	0.84	−16	+15	+1	+6	+15	+14	+17	−16	−3	−12	0	−0.65
24186		05 11 35.21	−45 00 16.2	8.86	2	G	77.896 720 45	−45.004 486 77		255.26	6506.05	−5731.39	0.74	0.77	0.86	0.95	0.90	−10	+17	−6	−10	−9	+0	−5	−2	+7	−23	0	0.54
24187		05 11 35.31	−80 11 32.2	7.92		H	77.897 130 06	−80.192 268 75		5.51	18.85	−100.59	0.57	0.49	0.61	0.59	0.64	−14	+19	−2	−15	−2	−2	−2	−5	+1	−24	1	−0.01
24188		05 11 35.48	+70 07 43.9	8.63		H	77.897 847 57	+70.128 865 85		6.97	−8.02	3.85	0.45	0.85	1.15	0.46	1.07	−11	+4	+12	−14	+9	+7	+10	−7	−1	−20	1	−0.98
24189		05 11 35.84	−37 23 43.1	6.57	2	H	77.899 344 14	−37.395 305 22		3.05	−6.86	9.91	0.48	0.49	0.59	0.53	0.62	−7	+5	+2	−2	−10	+2	−11	+18	+2	−11	1	−0.26
24190		05 11 36.82	−01 51 20.6	9.52		G	77.903 416 83	−01.855 717 67		20.92	−86.09	20.90	1.34	1.05	1.67	1.67	1.38	+8	+25	−13	+28	+5	−24	−2	+37	−16	+31	0	1.05
24191		05 11 37.16	−10 23 13.3	7.80		H	77.904 845 05	−10.387 030 48		11.16	10.51	−65.59	0.89	0.70	0.96	0.99	0.83	−38	+29	−12	+41	−40	−1	−41	+55	−8	−35	0	0.25
24192		05 11 38.11	−12 14 30.7	9.85		G	77.908 771 44	−12.241 870 54		17.17	99.45	−208.15	1.03	0.93	1.40	1.15	1.02	−5	+28	−15	+14	−13	+2	−15	+17	−13	−16	0	−0.43
24193		05 11 38.31	+29 54 13.1	6.42	2	H	77.909 623 60	+29.903 636 22		2.85	7.69	−23.09	0.87	0.45	0.93	1.17	0.50	+9	+35	+4	−15	−17	+21	−14	+30	−4	+3	0	−2.74
24194		05 11 40.08	+75 21 34.0	9.60		H	77.916 980 38	+75.359 451 16		2.82	8.01	−12.01	0.76	0.99	1.20	0.89	1.17	+4	+6	+13	+15	+9	+5	+11	−23	−9	+12	0	0.93
24195		05 11 41.04	+59 01 50.3	9.37		H	77.921 011 20	+59.030 625 30		3.32	0.84	−4.42	1.02	0.91	1.41	1.34	1.09	−36	+6	−13	+4	−19	−19	−22	+28	+4	−32	0	0.43
24196		05 11 41.35	+00 30 52.5	6.68		H	77.922 275 38	+00.514 569 89		2.03	6.93	1.69	0.86	0.77	1.04	1.04	0.97	+48	+21	−23	+30	+45	−6	+33	+64	−31	+60	2	2.81
24197		05 11 41.56	+16 02 44.4	5.18		H	77.923 172 68	+16.045 657 66		10.15	3.46	6.32	0.72	0.48	0.82	0.82	0.52	+16	+39	−23	+12	+29	−27	+13	+46	−20	+36	0	−0.25
24198		05 11 42.15	+46 56 32.2	7.87		H	77.925 607 92	+46.942 286 64		3.18	−3.01	−1.21	0.92	0.65	1.25	0.97	0.79	+15	+43	+15	+13	+26	+20	−1	+8	−46	−5	0	−1.32
24199		05 11 42.53	+66 00 59.6	8.50		H	77.927 205 07	+66.016 567 76		1.14	−6.09	−3.05	0.61	0.65	0.97	0.75	0.74	+0	+16	−7	+15	+31	−4	+30	+14	+9	+21	0	−0.50
24200		05 11 42.76	−58 59 08.1	9.18		H	77.928 146 08	−58.985 582 74		8.38	−5.85	−24.38	0.73	0.84	0.84	0.85	1.02	+13	−19	−7	+1	+2	+15	+0	+7	+12	+36	1	1.02

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No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
24101	9.425	0.019	9.469	0.027		0.020	0.015	G	0.04	0.01	H	9.4193	0.0028	0.020	79		9.39	9.45					1 S							G
24102	9.610	0.020	9.227	0.020		0.363	0.026	T	0.42	0.03	L	9.3115	0.0023	0.020	86		9.28	9.35		C			1							
24103	7.934	0.009	7.891	0.014		0.044	0.015	T	0.06	0.01	L	7.9199	0.0028	0.020	65		7.89	7.94	1.10	P 1 A			1							S
24104	8.766	0.017	8.206	0.015		0.533	0.015	G	0.61	0.02	H	8.2740	0.0015	0.014	74		8.25	8.30		C			1							S
24105	10.676	0.054	9.523	0.034		0.990	0.050	T	0.97	0.04	L	9.5983	0.0519	0.255	70		9.33	9.98	8.00	P 1 A			1							G
24106	8.235	0.009	7.872	0.008		0.329	0.002	G	0.38	0.00	H	7.9116	0.0011	0.013	134		7.89	7.94		C			1							S
24107	10.770	0.040	9.663	0.025		0.946	0.037	T	0.94	0.03	L	9.7465	0.0017	0.022	126		9.70	9.78					1 X							
120001	10.695	0.039	10.300	0.043	B	0.374	0.054	T	0.44	0.06	L	10.3534	0.0727			B					05107−2045	I 2	1 C I A							
24108	7.084	0.004	6.767	0.004	A	0.301	0.006	T	0.34	0.01	L	6.8212	0.0036	0.009	203	A	6.81	6.84		C	05107+6336	I 1	2 C C	AB	342	11.813	0.027	3.97	0.14	S
24109	6.191	0.004	5.725	0.004		0.452	0.004	T	0.52	0.00	L	5.7743	0.0013	0.005	65		5.77	5.78					1							S
24110	9.658	0.020	8.787	0.016		0.765	0.006	G	0.81	0.01	H	8.8632	0.0021	0.018	104		8.84	8.89					1							
24111	7.965	0.007	7.767	0.008	A	−0.100	0.495	G	0.20	0.03	L *	7.7911	0.0011	0.010	110	*	7.77	7.80		D	05107−4827	I 1	2 C C	AB	193	2.617	0.056	3.94	0.20	S
24112	7.588	0.005	7.616	0.006	A	−0.036	0.002	G	−0.01	0.00	H	7.6362	0.0068	0.022	179	A	7.60	7.68		D	05107−2045	I 2	1 C P A							S
24113	9.210	0.020	8.521	0.018		0.636	0.022	T	0.70	0.02	L	8.5932	0.0014	0.011	66		8.57	8.61		C	05107+2508	I 1	1							
24114	8.013	0.006	6.535	0.004		1.246	0.001	G	1.16	0.04	E	6.5640	0.0008	0.008	179		6.55	6.58					1							S
24115	10.927	0.055	9.321	0.024		1.345	0.047	T	1.31	0.06	L	9.2936	0.0018	0.023	96		9.25	9.34		D			1							
24116	8.353	0.011	7.880	0.012		0.445	0.015	G	0.51	0.02	H	7.9378	0.0009	0.007	64		7.93	7.95					1							S
24117	8.357	0.009	8.412	0.012		−0.053	0.003	G	−0.03	0.00	H	8.4148	0.0013	0.011	113		8.40	8.44		C			1							
24118	8.275	0.010	8.246	0.012		0.027	0.014	T	0.04	0.01	L	8.2467	0.0051	0.038	84		8.20	8.30		U 2			1							
24119	10.064	0.025	8.644	0.014		1.199	0.022	T	1.16	0.02	L	8.6639	0.0011	0.015	117		8.64	8.69		C			1							
24120	10.413	0.029	9.496	0.021		0.854	0.010	G	0.87	0.01	H	9.5918	0.0020	0.019	125		9.55	9.63					1							
24121	10.140	0.031	8.707	0.017		1.225	0.009	G	1.38	0.02	I	8.7179	0.0012	0.012	84		8.70	8.74		C			1							G
24122	9.917	0.025	8.705	0.015		1.036	0.023	T	1.01	0.02	L	8.7822	0.0020	0.015	106		8.76	8.81					1							
24123	8.901	0.010	8.599	0.011		0.287	0.014	T	0.33	0.02	L	8.6516	0.0017	0.018	149		8.62	8.69					1							
24124						0.979	0.020	G	1.03	0.02	I	11.0977	0.0071	0.037	47		11.02	11.14					1							G
24125	8.715	0.010	8.589	0.012		0.122	0.015	T	0.14	0.01	L	8.6148	0.0012	0.015	141		8.58	8.65					1							
24126	10.835	0.058	9.262	0.027		1.319	0.050	T	1.28	0.06	L	9.5858	0.3027	1.604	86		7.41	11.33	426.10	P 1 B			1 S							G P
24127	7.908	0.013	7.922	0.014	*	0.033	0.015	G	0.01	0.01	L *	7.8722	0.0010	0.008	72	*	7.86	7.89		D	05110−0146	I 1	2 C A	AB	197	0.618	0.002	0.58	0.01	S
24128	10.169	0.028	9.651	0.026	*	0.496	0.029	T	0.57	0.03	L *	9.7670	0.0041	0.030	102	*	9.70	9.81		D	05110−4329	H 1	2 C A	AB	342	0.239	0.009	0.07	0.18	
24129	8.485	0.012	8.362	0.014		0.168	0.015	G	0.18	0.01	H	8.4245	0.0024	0.016	70		8.40	8.47					1							
24130	7.498	0.008	6.350	0.005		0.984	0.006	G	0.98	0.04	E	6.3928	0.0009	0.006	77		6.38	6.40		C			1							S
24131	8.969	0.011	7.248	0.005		1.436	0.010	T	1.43	0.02	L	7.2403	0.0014	0.011	135		7.22	7.26					1							S
24132	8.041	0.009	7.949	0.012		0.090	0.014	T	0.10	0.01	L	7.9655	0.0013	0.010	69		7.94	7.98		C			1							S
24133	8.446	0.022	7.624	0.019	*	0.718	0.002	G	0.77	0.00	H *	7.7525	0.0013	0.009	77	*	7.74	7.77		D	05110+3202	I 1	2 C A	AB	63	4.721	0.005	0.85	0.01	S
24134	10.691	0.038	8.827	0.014		1.549	0.032	T	1.61	0.07	L	8.7464	0.0024	0.020	130		8.71	8.78					1							
24135	8.827	0.014	8.786	0.019		0.043	0.022	T	0.06	0.02	L	8.7934	0.0025	0.019	70		8.76	8.84		C			1							
24136	10.606	0.054	9.667	0.039		0.815	0.052	T	0.84	0.04	L	9.7212	0.0022	0.018	83		9.69	9.75		C			1							G
24137	9.183	0.019	8.335	0.015	A	0.761	0.018	T	0.80	0.01	L	8.4488	0.0202	0.095	77	A	8.31	8.56		D	05110+3917	I 2	1 C P A							
24138	9.083	0.007	8.915	0.009	A	0.300	0.495	G	0.11	0.02	L *	8.9252	0.0019	0.027	280	*	8.88	8.97		U	05110−2427	I 1	2 C A	AB	233	5.851	0.029	3.01	0.16	
24139	9.062	0.010	8.662	0.010		0.378	0.013	T	0.44	0.01	L	8.7244	0.0020	0.022	188		8.68	8.77					1							
24140	8.933	0.017	8.865	0.021		0.068	0.025	T	0.08	0.03	L	8.9519	0.0020	0.013	77		8.92	8.98		C			1							
24141	10.042	0.034	9.405	0.030	B	0.592	0.039	T	0.66	0.04	L	9.8135	0.0412			B				D	05110+3917	I 2	1 C I A							P
24142	10.151	0.036	9.185	0.025		0.849	0.033	T	0.86	0.02	L	9.3037	0.0021	0.014	68		9.29	9.34		C			1							
24143	9.113	0.018	8.983	0.022		0.126	0.027	T	0.14	0.03	L	9.0367	0.0023	0.014	66		9.01	9.06		C			1							
24144	10.854	0.062	10.629	0.084		0.540	0.015	G	0.61	0.02	H	10.7371	0.0066	0.033	58		10.68	10.79		C			1							G
24145	8.969	0.016	8.799	0.019		0.376	0.015	G	0.44	0.02	H	8.8269	0.0017	0.012	82		8.80	8.86			05111+3718	I 1	1							
24146	8.059	0.010	7.914	0.011		0.120	0.015	G	0.13	0.01	H	7.9648	0.0010	0.010	103		7.95	7.99		C			1							S
24147	10.172	0.028	8.739	0.015		1.209	0.025	T	1.17	0.03	L	8.7535	0.0016	0.014	90		8.73	8.78		C			1							
24148	9.137	0.007	8.014	0.005		0.967	0.007	T	0.95	0.01	L	8.0895	0.0012	0.018	271		8.06	8.13					1							
24149	9.535	0.014	8.429	0.009		0.954	0.013	T	0.94	0.01	L	8.4798	0.0013	0.016	168		8.44	8.51					1							S
24150	8.337	0.010	7.884	0.014		0.456	0.003	G	0.53	0.00	H	7.9366	0.0011	0.008	85		7.92	7.95		C			1							S
24151	8.483	0.014	7.917	0.013		0.529	0.017	T	0.60	0.02	L	7.9781	0.0012	0.008	61		7.96	7.99		C			1							S
24152	8.678	0.009	8.310	0.010		0.358	0.015	G	0.42	0.02	H	8.3629	0.0014	0.020	146		8.33	8.39					1							S
24153	9.955	0.026	9.243	0.022		0.642	0.026	T	0.71	0.02	L	9.2758	0.0022	0.018	104		9.24	9.31					1							
24154	9.932	0.026	9.818	0.033		0.111	0.039	T	0.12	0.04	L	9.9269	0.0022	0.024	110		9.88	9.97		C			1							G
24155	10.165	0.025	9.699	0.026		0.422	0.015	G	0.49	0.02	H	9.7723	0.0023	0.020	114		9.72	9.81					1							
24156	10.084	0.040	9.578	0.041		0.486	0.044	T	0.56	0.05	L	9.5026	0.0268	0.200	66		9.38	9.94	0.42	P 1 A			1 G							
24157	10.651	0.050	9.754	0.034		0.853	0.003	G	0.90	0.00	H	9.7718	0.0024	0.017	81		9.74	9.80					1							
24158	9.022	0.017	8.182	0.014		0.755	0.017	T	0.80	0.01	L	8.2148	0.0018	0.012	67		8.20	8.23					1							
24159	9.503	0.023	8.300	0.015		1.029	0.021	T	1.00	0.02	L	8.3318	0.0016	0.009	52		8.31	8.35					1							
24160	7.071	0.005	7.113	0.006		−0.034	0.007	T	−0.01	0.01	L	7.1116	0.0008	0.006	86		7.10	7.13		C			1							S
24161	10.929	0.046	9.527	0.022		1.185	0.040	T	1.15	0.04	L	9.5264	0.0027	0.024	127		9.49	9.57					1							
24162	6.447	0.004	5.949	0.004		0.462	0.005	G	0.53	0.01	H	5.9989	0.0006	0.005	70		5.99	6.01		C			1							S
24163	8.216	0.012	8.140	0.015		0.221	0.015	G	0.24	0.02	H	8.1531	0.0023	0.013	62		8.13	8.18					1							
24164	8.185	0.009	8.066	0.011		0.115	0.013	T	0.13	0.01	L	8.0980	0.0013	0.011	81		8.09	8.12		C			1 G							
24165	10.159	0.023	8.519	0.011		1.372	0.020	T	1.34	0.02	L	8.5123	0.0017	0.018	132		8.48	8.54		C			1							
24166	11.223	0.099	10.616	0.087		0.598	0.107	G	0.67	0.10	R	10.6608	0.0050	0.029	61		10.61	10.71		C			1							G
24167	9.187	0.014	8.658	0.014		0.496	0.018	T	0.57	0.02	L	8.7257	0.0018	0.018	106		8.70	8.75					1							S
24168	10.009	0.023	8.677	0.013	*	1.130	0.020	T	1.09	0.02	L *	8.6919	0.0018	0.018	136	*	8.66	8.72		D	05114−3154	I 1	2 C A	AB	167	1.020	0.019	2.85	0.09	
24169	7.422	0.029	5.840	0.036		1.350	0.038	T	3.61	0.12	O	5.2572	0.0287	0.235	73		4.95	5.54		U 2 B			1 S							S P
24170	11.395	0.089	10.739	0.079		0.605	0.100	G	0.67	0.09	R	10.8024	0.0041	0.029	66		10.76	10.86		C			1							G
24171	10.139	0.026	8.762	0.015		1.170	0.015	G	1.13	0.01	H	8.8080	0.0018	0.012	95		8.79	8.84		C			1							
24172	8.126	0.009	6.750	0.006		1.165	0.008	T	1.13	0.01	L	6.7885	0.0009	0.008	89		6.78	6.80		C			1							S
24173	9.634	0.022	7.779	0.010		1.542	0.019	T	1.60	0.04	L	7.7154	0.0010	0.010	112		7.70	7.74					1							S
24174	9.626	0.018	8.357	0.011		1.081	0.016	T	1.04	0.01	L	8.4250	0.0016	0.015	110		8.39	8.44					1							S
24175	8.417	0.014	7.809	0.010		0.567	0.015	T	0.64	0.01	L	7.8597	0.0015	0.013	69		7.85	7.88					1							S
24176	8.990	0.012	8.190	0.010		0.708	0.012	T	0.76	0.01	L	8.2582	0.0014	0.012	114		8.23	8.28					1							S
24177						1.461	0.005	G	1.86	0.02	I	12.0858	0.0061	0.053	55		11.98	12.18					1							G
24178	7.594	0.005	7.098	0.005		0.478	0.005	T	0.53	0.02	A	7.1579	0.0008	0.010	161		7.14	7.17		C			1							S
24179	7.967	0.010	7.561	0.013		0.404	0.001	G	0.47	0.00	H	7.6154	0.0013	0.010	74		7.60	7.64					1							S
24180	8.499	0.014	7.941	0.013		0.522	0.017	T	0.59	0.02	L	7.9958	0.0015	0.011	63		7.98	8.01		C			1							
24181	10.953	0.065	10.475	0.071		0.450	0.088	T	0.52	0.09	L	10.5538	0.0025	0.029	59		10.51	10.62		D			1							G
24182	10.094	0.036	8.763	0.021		1.129	0.033	T	1.09	0.03	L	8.8009	0.0030	0.015	55		8.77	8.82					1							
24183	9.923	0.035	9.761	0.041		0.148	0.051	T	0.16	0.05	L	9.8186	0.0026	0.022	59		9.77	9.86					1							
24184	9.063	0.015	7.243	0.007		1.514	0.013	T	1.55	0.02	L	7.2022	0.0009	0.009	86		7.19	7.22					1							S
24185	10.417	0.023	8.576	0.009		1.531	0.020	T	1.58	0.04	L	8.5516	0.0014	0.019	201		8.52	8.58					1							
24186						1.543	0.020	G	1.96	0.00	A	8.9320	0.0025	0.028	94		8.90	9.22		U 2			1							
24187	9.349	0.018	8.026	0.011		1.123	0.017	T	1.09	0.02	L	8.0882	0.0014	0.013	107		8.07	8.11					1							
24188	8.936	0.008	8.644	0.009		0.278	0.011	T	0.32	0.01	L	8.7023	0.0016	0.021	258		8.66	8.74					1							
24189	8.713	0.010	6.763	0.004		1.653	0.009	T	1.91	0.03	O	6.6617	0.0017	0.022	123		6.62	6.69		U 2			1							S
24190	10.671	0.051	9.640	0.034		0.925	0.015	G	0.97	0.02	I	9.6438	0.0030	0.019	62		9.61	9.67		C			1							
24191	8.355	0.011	7.853	0.010		0.472	0.013	T	0.54	0.01	L	7.9086	0.0016	0.010	89		7.89	7.93		C			1							S
24192	11.059	0.072	9.836	0.039		0.920	0.003	G	0.96	0.00	I	9.9923	0.0031	0.031	102		9.96	10.04					1							
24193	8.704	0.011	6.634	0.005		1.752	0.010	T	2.45	0.03	O	6.4419	0.0027	0.022	79		6.42	6.48		U 2			1 S							S
24194	9.992	0.018	9.637	0.020		0.337	0.025	T	0.39	0.03	L	9.6818	0.0020	0.027	174		9.64	9.73		C			1							
24195	9.707	0.020	9.410	0.022		0.282	0.028	T	0.32	0.04	L	9.4446	0.0022	0.022	118		9.40	9.50					1 S							
24196	6.588	0.005	6.659	0.007		−0.072	0.001	G	−0.05	0.00	H	6.6605	0.0009	0.006	60		6.65	6.68		C	05117+0031	I 1	1 S							S P
24197	7.184	0.007	5.351	0.004		1.525	0.006	T	1.56	0.01	L	5.3003	0.0008	0.007	80		5.29	5.31					1							S
24198	7.912	0.011	7.860	0.012		0.060	0.015	G	0.07	0.01	H	7.8914	0.0020	0.011	63		7.87	7.92		C			1							S
24199	8.576	0.008	8.493	0.009		0.082	0.011	T	0.09	0.01	L	8.5350	0.0011	0.017	151		8.51	8.57					1							
24200	9.711	0.019	9.212	0.018		0.480	0.020	T	0.55	0.02	L	9.2850	0.0022	0.018	97		9.25	9.32					1							

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion μα* mas/yr 12	μδ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	μα* mas/yr 17	μδ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	μα*/α* 22	μα*/δ 23	μα*/π 24	μδ/α* 25	μδ/δ 26	μδ/π 27	μδ/μα* 28	Soln F1 % 29	F2 30
24201		05 11 42.93	+42 09 55.3	8.56	3	T	77.928 866 71	+42.165 358 30		3.16	−1.05	−1.69	1.19	0.64	1.43	1.22	0.71	−2	+54	−19	+10	−21	+3	−33	+40	−38	+3	0	0.39
24202		05 11 44.06	−83 10 17.0	8.70		H	77.933 591 22	−83.171 389 82		12.65	−33.29	−49.81	0.70	0.76	0.80	0.81	0.90	−8	+24	−11	+0	+1	−3	−3	+37	−6	−8	0	−0.99
24203	H	05 11 45.35	+01 02 13.4	5.88		G	77.938 960 00	+01.037 054 65	A	3.56	0.95	−11.12	1.22	0.90	1.30	1.21	1.00	+17	+48	+1	+28	+20	+12	+2	+34	−20	+23	3	−0.09
24204		05 11 45.50	−36 22 53.0	8.59		H	77.939 602 87	−36.381 399 29		10.16	35.44	79.46	0.65	0.69	0.82	0.67	0.90	−2	+0	−1	−4	−7	+8	−10	+20	−1	+3	0	−0.25
24205		05 11 46.34	+04 24 13.9	7.00		H	77.943 096 68	+04.403 873 25		34.85	180.83	−137.32	1.07	0.64	1.33	1.08	0.84	−1	+59	−21	+30	+4	+19	−16	+46	−36	+11	0	1.00
24206		05 11 47.44	−42 09 28.8	9.24		H	77.947 660 94	−42.158 003 16		2.93	6.08	23.61	0.79	0.78	0.92	0.76	0.91	−8	−1	+9	−19	−4	+12	−7	+7	+14	−4	0	0.87
24207		05 11 49.81	+05 24 31.9	7.62		H	77.957 553 41	+05.408 859 89		3.48	−5.63	−5.84	0.90	0.67	1.08	1.21	0.94	+25	+25	+4	+15	+13	+7	+8	+30	−16	+22	2	2.42
24208		05 11 52.64	+03 46 56.9	9.40		H	77.969 351 81	+03.782 465 46		−0.56	17.25	−7.42	1.41	1.11	1.62	1.84	1.47	+33	+19	−20	+27	+24	−6	+17	+49	−18	+48	0	0.21
24209		05 11 54.12	+39 56 43.0	8.96		H	77.975 487 65	+39.945 282 27		2.59	0.89	1.41	1.11	0.86	1.20	1.32	0.96	+35	+20	−19	+27	+39	−19	+27	+70	−23	+49	0	0.84
24210		05 11 54.29	−09 06 42.5	8.04		G	77.976 210 46	−09.111 798 38		33.68	−72.33	−558.12	0.98	0.74	1.16	1.00	0.79	−41	+28	+1	+41	−39	+12	−42	+31	−19	−36	0	0.62
24211		05 11 55.63	+53 27 07.6	7.07		H	77.981 790 52	+53.452 100 61		6.00	−1.58	3.59	0.85	0.62	0.98	1.10	0.65	+24	+21	−12	−15	−31	+14	−21	+15	−8	+9	0	1.41
24212		05 11 57.30	−10 57 39.6	7.59		G	77.988 737 82	−10.961 007 40		4.80	−5.09	2.18	0.75	0.60	0.89	0.78	0.68	−22	+35	−16	+42	−32	+4	−38	+29	−16	−30	0	1.79
24213		05 11 57.60	−28 13 24.5	9.17		H	77.989 989 19	−28.223 473 65		8.98	24.25	−25.13	0.64	0.90	1.10	0.77	1.18	−2	+14	−11	−15	+1	−5	−4	+30	−5	+8	0	0.88
24214		05 11 58.45	−30 28 05.8	8.97		H	77.993 554 33	−30.468 289 34		2.45	3.73	−23.29	0.62	0.85	1.02	0.62	1.02	−8	+14	−20	+4	+8	+1	+6	+21	−11	+7	1	1.42
24215		05 11 59.14	−47 16 26.7	7.87	1	H	77.996 422 61	−47.274 084 15		8.28	15.18	30.35	0.59	0.56	0.65	0.76	0.67	−7	+14	−13	−2	−6	+11	−3	−2	+7	−14	3	0.37
24216		05 12 00.75	−08 55 41.2	8.61		H	78.003 126 74	−08.928 104 79		3.41	3.02	15.42	0.99	0.78	1.35	1.06	0.86	−21	+30	+9	+28	−23	+19	−30	+17	−22	−24	3	−1.31
24217		05 12 01.25	+06 50 17.1	7.46		H	78.005 190 39	+06.838 087 92		5.05	−31.73	18.77	1.16	0.79	1.51	2.14	1.36	+35	+29	−16	−6	−25	+38	−27	+4	+5	+68	0	0.28
24218		05 12 01.78	−40 20 53.6	9.00		H	78.007 404 70	−40.348 212 84		3.32	32.89	19.53	0.75	0.90	0.96	0.90	1.12	+8	−1	+6	−19	+20	+28	+13	+41	+5	+21	2	−1.28
24219		05 12 02.21	−75 21 37.6	7.85		H	78.009 212 78	−75.360 437 52		6.37	39.12	38.35	0.56	0.54	0.58	0.58	0.68	+1	+18	−4	−24	−4	+3	−6	+0	−7	+3	0	0.07
24220	H	05 12 02.61	+41 53 52.5	8.54		G	78.010 865 98	+41.897 925 87	A	0.73	0.00	−3.82	1.91	1.13	1.93	1.91	1.10	−10	+42	−28	+19	−33	+8	−40	+38	−28	−8	2	−0.08
24221		05 12 03.01	−65 10 33.1	7.03	2	G	78.012 533 99	−65.175 851 90		15.26	40.66	58.93	0.50	0.53	0.57	0.41	0.69	−2	+28	−21	−45	+19	−18	+16	−9	+6	+38	0	1.33
24222		05 12 03.29	−49 03 37.0	7.84		H	78.013 722 24	−49.060 269 49		2.49	−0.48	11.55	0.57	0.58	0.63	0.59	0.72	−2	+20	−10	+13	−13	+11	−13	+15	+11	+9	0	−1.00
24223	H	05 12 03.54	+42 23 57.6	8.19		H	78.014 770 46	+42.399 326 84	*	1.65	1.11	−2.60	1.12	0.61	1.28	1.10	0.65	−13	+51	−23	+24	−15	−1	−28	+45	−31	+7	0	2.04
24224		05 12 03.73	−41 40 04.7	7.43		H	78.015 526 55	−41.667 971 14		7.32	70.95	104.53	0.51	0.53	0.61	0.51	0.60	+1	+13	−3	−9	+1	+4	+4	+8	+6	−7	1	2.17
24225		05 12 04.14	+55 34 48.8	8.81		H	78.017 257 85	+55.580 210 90		6.95	19.48	−37.47	1.01	0.75	1.19	1.08	0.78	−2	+31	−18	−1	−7	−2	−8	+10	+1	+18	4	0.73
24226		05 12 04.27	+33 57 47.0	11.98	3	H	78.017 784 33	+33.963 048 19		8.68	0.74	−3.20	2.90	1.72	3.19	3.33	1.92	+6	+30	−18	−16	+18	+12	+2	+35	−13	+35	0	−1.14
24227	H	05 12 05.63	+00 36 16.7	8.61		G	78.023 449 23	+00.604 637 44	A	6.87	20.27	0.80	2.60	2.40	2.71	3.13	2.95	+41	+18	−5	+20	+13	+8	+7	+30	−19	+19	3	1.07
24228		05 12 07.05	−33 17 00.1	9.17		H	78.029 374 76	−33.283 364 96		12.19	130.76	52.65	0.72	0.79	0.99	0.91	0.97	−19	+8	−17	−1	−10	+10	−8	−5	+7	−24	1	0.96
24229		05 12 07.80	+06 51 35.4	7.60	1	H	78.032 502 61	+06.859 842 71		1.26	4.30	−4.27	1.30	0.89	1.69	2.40	1.53	+37	+27	−17	−7	−26	+38	−28	+4	+3	+69	0	0.92
24230		05 12 08.18	+70 02 05.7	8.87		H	78.034 066 53	+70.034 912 26		2.58	9.13	5.36	0.49	0.95	1.27	0.51	1.16	−11	+3	+7	−4	+11	+8	+10	−19	+11	−20	1	−0.53
24231		05 12 09.06	+51 37 34.6	9.35		H	78.037 768 76	+51.626 282 55		−0.02	−2.65	−1.43	1.02	0.76	1.18	1.17	0.80	+12	+19	−15	+21	+10	−14	+6	+11	−13	+21	0	−0.54
24232		05 12 09.62	+32 53 42.5	7.64		G	78.040 075 19	+32.895 142 75		12.99	3.20	1.93	0.87	0.55	0.96	0.94	0.60	+1	+43	−20	+17	+19	+7	+5	+59	−19	+21	0	1.77
24233		05 12 09.71	−62 02 24.2	8.53		H	78.040 470 17	−62.040 066 96		10.91	104.01	38.41	0.67	0.72	0.75	0.68	0.98	−12	+24	−15	−11	+5	−16	+9	+8	+16	−16	0	−0.56
24234		05 12 11.60	+24 16 45.2	7.99		G	78.048 327 43	+24.279 220 68		10.31	−8.04	−17.84	1.01	0.62	1.10	1.72	0.75	+7	+20	−6	−6	+1	+10	+4	+32	−8	−7	0	0.29
24235		05 12 11.83	+43 26 37.6	8.14		H	78.049 309 64	+43.443 780 64		5.67	−6.49	−0.28	0.92	0.55	1.06	1.01	0.60	+12	+29	−15	+22	+5	−18	−5	+41	−26	+28	2	1.76
24236		05 12 13.14	+00 21 42.3	9.77		H	78.054 752 03	+00.361 761 60		5.71	2.61	12.29	1.56	1.20	1.95	1.71	1.41	+28	+40	+3	+8	+18	+6	+12	+30	−10	+27	2	0.31
24237	H	05 12 14.12	−78 59 11.1	9.08		H	78.058 848 62	−78.986 407 12	A	3.84	−8.74	27.53	1.31	1.16	1.17	1.11	1.21	−22	+17	−2	+4	−15	−3	−14	+7	+9	−32	1	0.25
24238		05 12 14.50	+41 12 54.8	7.79	2	G	78.060 398 11	+41.215 225 02		2.69	−0.12	−8.38	1.01	0.66	1.25	1.08	0.71	−7	+48	−38	+27	+4	−1	−13	+63	−38	+8	0	−0.94
24239		05 12 14.97	+40 06 05.7	6.97		H	78.062 362 18	+40.101 574 60		1.77	3.11	−5.16	0.82	0.63	0.88	0.90	0.68	+36	+28	−13	+35	+34	−9	+26	+71	−22	+41	0	0.61
24240		05 12 16.39	−11 48 10.7	8.18		H	78.068 305 94	−11.802 972 51		10.10	77.88	15.96	0.79	0.61	0.96	0.79	0.69	−26	+39	−12	+30	−27	+10	−31	+17	−16	−32	0	1.44
24241		05 12 16.59	+46 26 19.5	8.34		H	78.069 140 86	+46.438 751 25		12.70	−32.81	38.77	0.92	0.68	1.14	1.10	0.88	+21	+34	−20	+7	+30	−25	+6	+41	−41	+47	6	0.75
24242		05 12 16.76	−39 03 33.9	8.12		H	78.069 832 39	−39.059 414 01		2.48	11.99	19.63	0.52	0.65	0.71	0.56	0.75	−6	+8	−7	−4	−9	+6	−8	+14	+14	−4	0	1.00
24243		05 12 17.39	+41 26 49.7	8.89		H	78.072 457 07	+41.447 135 95		35.23	−14.00	−471.63	1.32	0.84	1.58	1.51	0.91	−12	+44	−34	+27	−13	+13	−19	+54	−29	−1	0	−0.55
24244		05 12 17.89	−11 52 08.9	4.45		G	78.074 530 75	−11.869 142 87		13.53	24.95	−31.22	0.55	0.44	0.69	0.55	0.48	−9	+34	+1	+26	−28	−1	−32	+21	−15	−20	4	1.35
24245		05 12 18.04	−67 05 41.7	9.41		H	78.075 172 88	−67.094 916 53		2.44	−12.41	12.65	0.92	0.95	0.96	1.04	1.19	−16	+5	−10	−28	+8	+12	+11	−22	+13	−27	0	−1.79
24246		05 12 18.23	+01 19 35.3	8.69		H	78.075 976 65	+01.326 469 22		−1.51	−29.93	−43.92	1.40	0.99	1.86	1.47	1.18	+21	+48	−13	+22	+16	+6	+3	+48	−26	+26	0	1.01
24247		05 12 18.50	+09 07 27.1	8.66		H	78.077 075 04	+09.124 191 80		4.23	−8.61	2.70	1.02	0.63	1.19	1.07	0.73	+7	+47	+2	+25	+4	−7	−5	+54	−15	+14	0	1.68
24248		05 12 19.15	+01 50 12.5	10.85		H	78.079 804 83	+01.836 818 54		1.22	0.34	−2.26	1.99	1.43	2.28	2.37	1.83	+21	+35	+0	+25	+21	+3	+12	+44	−14	+32	2	1.42
24249		05 12 20.38	+11 21 46.6	8.67		G	78.084 909 36	+11.362 935 77		9.45	18.33	−4.87	1.02	0.70	1.16	1.09	0.79	+26	+40	−5	+8	+44	−8	+23	+56	−23	+46	0	−0.38
24250		05 12 21.35	−26 33 09.1	8.33		G	78.088 952 84	−26.552 519 96		12.61	9.69	−99.45	0.68	0.95	1.16	1.10	1.58	−4	+21	−13	−52	−2	−26	−11	−20	−22	+24	0	0.87
24251		05 12 21.39	+18 03 13.3	10.62		H	78.089 118 95	+18.053 699 87		3.28	−14.08	−2.59	2.37	1.39	3.00	3.26	1.49	−12	+45	−42	−16	+46	−41	+9	+36	−35	+14	0	−1.14
24252		05 12 21.56	+26 27 17.9	6.78		H	78.089 817 88	+26.454 971 28		7.40	−74.62	−147.17	0.85	0.55	0.91	1.05	0.59	+20	+20	−24	+33	+25	−19	+15	+58	−24	+33	0	−0.61
24253		05 12 21.99	−51 33 00.9	7.32		H	78.091 618 91	−51.550 261 04		4.45	22.67	57.94	0.54	0.57	0.61	0.56	0.67	−2	−7	−1	−9	−4	+2	−5	+4	+13	−1	2	0.54
24254		05 12 22.45	+73 56 48.3	5.44	1	T	78.093 539 50	+73.946 744 35		8.71	4.31	−28.83	0.39	0.53	0.55	0.48	0.77	−22	+12	+1	−37	+31	−1	+28	−57	−4	−36	0	0.76
24255		05 12 23.14	+67 40 46.2	7.28		H	78.096 433 70	+67.679 503 55		8.55	24.73	−54.85	0.42	0.54	0.77	0.54	0.62	+9	+19	+13	+22	+11	−4	+13	+12	+17	−2	0	0.02
24256		05 12 25.69	−81 32 30.7	6.51		G	78.107 057 24	−81.541 853 62		5.29	16.25	50.07	0.44	0.49	0.50	0.44	0.58	−11	+14	−4	+9	−6	−1	−9	+33	−20	−12	0	2.55
24257	H	05 12 25.95	−24 55 20.0	8.23		G	78.108 139 49	−24.922 209 39	A	7.84	13.73	−33.10	1.08	1.53	1.97	1.15	1.68	−10	+8	−26	−14	−8	+15	−6	+2	−8	−2	1	−0.92
24258		05 12 26.49	+30 13 04.4	8.61		H	78.110 367 21	+30.217 892 78		13.18	−15.93	−28.17	1.43	0.62	1.55	1.58	0.70	−12	+55	−15	−11	+1	+23	−15	+35	−22	+5	0	−1.14
24259		05 12 26.64	−12 25 11.8	9.48		H	78.110 993 09	−12.419 940 29		5.97	11.61	−1.46	1.17	0.95	1.54	1.31	1.07	−12	+38	−3	+27	−25	+2	−33	+16	−31	−18	0	0.97
24260		05 12 27.01	+72 44 37.4	7.52		H	78.112 552 30	+72.743 710 70		4.61	16.42	−29.03	0.41	0.55	0.70	0.46	0.68	−2	+9	+9	−1	+5	+3	+5	−24	+4	−5	0	−0.95
24261	H	05 12 27.16	−03 02 14.0	8.63	2	H	78.113 180 90	−03.037 220 31	A	7.58	1.45	−4.23	2.24	1.64	2.14	1.85	1.55	−5	+43	−4	−2	−18	−12	−27	+7	−28	+37	7	0.70
24262		05 12 27.32	−75 08 41.0	9.26		H	78.113 834 69	−75.144 733 75		4.43	−4.53	−21.75	0.78	0.77	0.80	0.83	0.99	−5	+16	−4	−30	+0	+4	+2	−4	−2	−14	0	−0.22
24263		05 12 27.63	−29 58 36.5	8.53		H	78.115 136 06	−29.976 803 13		1.37	−5.47	1.62	0.56	0.70	0.87	0.62	0.82	−2	+10	−17	+18	+3	+10	+4	+9	−2	+0	0	1.78
*24264		05 12 29.63	−70 56 42.5	11.26		H	78.123 438 91	−70.945 137 44		5.46	144.36	40.10	1.66	1.52	1.72	1.83	1.95	−8	−2	+5	−9	−9	+21	−12	+3	−14	−6	0	−1.15
*24265		05 12 29.08	−25 22 30.8	9.01		H	78.121 180 47	−25.375 211 58		0.41	0.33	2.36	0.60	0.92	1.32	0.73	1.17	−11	+12	−36	−23	−4	+2	−7	+2	−4	+4	0	−0.31
*24266		05 12 29.12	−00 30 34.3	8.89		G	78.121 344 11	−00.509 516 38		3.91	−2.27	−6.08	1.18	0.90	1.51	1.41	1.17	+9	+36	−14	+10	+7	+20	+9	+17	+3	+25	0	0.33
*24267		05 12 29.44	−56 42 58.9	9.18		H	78.122 686 32	−56.716 373 71		14.52	−50.91	28.39	0.67	0.78	0.78	0.76	0.90	−14	+4	−9	−7	−1	−7	−1	−15	+25	−18	0	−1.40
24268		05 12 29.73	−17 27 08.9	8.58		H	78.123 881 67	−17.452 479 43		2.85	−9.68	0.33	0.89	0.84	1.25	1.09	1.03	−5	+3	−12	−14	−22	+11	−16	+1	−23	−39	0	0.33
24269		05 12 29.98	+17 12 47.9	8.40		H	78.124 903 73	+17.213 300 15		2.21	10.40	−15.07	1.22	0.78	1.43	1.53	0.88	+9	+38	−31	+15	+34	−14	+12	+42	−36	+21	0	1.06
24270		05 12 32.38	+64 17 13.9	7.90		H	78.134 925 36	+64.287 186 80		5.88	25.55	−24.96	0.55	0.52	0.93	0.62	0.56	−18	+20	−14	+2	+34	−7	+28	+16	−2	+5	1	0.00
24271		05 12 33.02	−17 27 16.5	8.53		H	78.137 566 32	−17.454 579 80		2.65	−11.41	0.78	0.87	0.83	1.23	1.06	1.02	−6	+6	−10	−9	−23	+7	−20	+2	−21	−39	0	−0.41
24272		05 12 34.10	+27 36 15.4	8.58		H	78.142 079 49	+27.604 265 43		6.95	−2.95	5.83	1.30	0.63	1.45	1.33	0.66	−6	+46	−12	+0	+3	−5	−12	+32	−25	+13	0	1.36
24273	H	05 12 34.69	+10 24 29.9	8.25		H	78.144 529 71	+10.408 303 78	*	4.96	16.12	−7.46	1.04	0.79	1.18	1.20	0.88	+25	+30	−20	+16	+42	−12	+22	+64	−19	+54	0	1.01
24274		05 12 35.67	+28 56 55.8	8.87		H	78.148 622 50	+28.948 841 05		3.29	3.34	−5.77	1.05	0.55	1.16	1.21	0.59	+18	+37	+10	−10	+7	+4	+1	+26	−19	+8	0	−0.01
24275		05 12 36.08	−14 57 04.3	7.29		H	78.150 335 63	−14.951 186 36		10.63	33.34	31.13	0.54	0.55	0.88	0.62	0.64	+16	+22	−6	−1	−12	−11	−18	+5	−33	−2	0	1.31
24276		05 12 36.15	−82 22 05.8	9.48		H	78.150 625 61	−82.368 279 60		4.63	−5.13	35.29	0.77	0.73	0.82	0.79	0.89	+1	+20	+5	−6	−9	+2	−12	+29	−19	−4	0	0.36
24277		05 12 36.16	−09 16 42.7	9.42		H	78.150 673 46	−09.278 537 84		1.65	−0.80	−3.72	1.28	0.94	1.75	1.25	1.03	−22	+44	+10	+35	−30	+15	−41	+12	−36	−28	0	0.26
24278		05 12 36.96	−19 22 11.5	8.89		H	78.153 979 89	−19.369 871 32		1.20	−1.38	−3.15	0.69	0.75	1.12	0.97	0.91	+21	+7	−14	+2	−30	+27	−28	−1	−18	−44	0	0.03
24279		05 12 37.75	+44 26 06.6	7.78		H	78.157 300 39	+44.435 176 29		1.59	−1.16	−2.19	0.95	0.58	1.02	1.22	0.65	−4	+35	+3	+16	−27	−10	−22	+34	−5	−17	0	1.89
24280		05 12 38.53	−04 39 56.4	9.20		H	78.160 556 34	−04.665 677 48		5.68	−1.44	−3.32	0.99	0.84	1.27	1.12	0.87	+23	+10	−19	−19	−54	+11	−51	−45	+12	+19	0	1.03
24281		05 12 39.23	+42 49 54.4	9.04	3	T	78.163 445 70	+42.831 780 64	*	1.15	3.76	0.30	1.78	0.96	1.70	1.91	1.24	+16	+46	−19	−24	−42	−3	−53	−19	−23	+47	5	0.27
24282		05 12 39.69	−31 18 31.9	9.08		H	78.165 378 41	−31.308 853 85		8.74	−17.47	−64.28	0.71	0.79	1.02	0.85	0.96	−15	+12	−19	−5	−3	+13	+1	−24	+14	−13	0	−0.38
24283		05 12 41.85	+23 53 36.9	10.32		G	78.174 385 51	+23.893 584 36		13.80	243.28	−131.05	1.79	1.15	1.97	2.70	1.35	+3	+7	−4	−2	+24	+21	+19	+38	−23	−4	0	1.10
24284		05 12 42.05	+19 39 54.3	10.82		G	78.175 220 82	+19.665 070 20		78.50	275.09	238.42	7.44	4.41	8.94	7.36	4.73	−20	+60	−46	−7	+43	−7	+12	+40	−23	+45	5	
24285		05 12 43.10	+21 49 48.3	9.44		H	78.179 591 22	+21.830 083 61		4.40	4.33	−10.06	1.58	0.82	1.76	1.78	0.93	−24	+63	−36	−9	+3	−2	+2	−8	+0	−4	0	−0.39
24286		05 12 43.12	+13 22 22.0	8.85		H	78.179 674 04	+13.372 789 23		4.79	−7.13	−62.94	1.21	0.78	1.31	1.15	0.83	+24	+50	−10	+10	+38	−6	+24	+51	−7	+49	0	0.29
24287		05 12 44.35	+34 05 22.5	8.56		H	78.184 804 68	+34.089 569 65		3.07	19.22	−18.43	1.03	0.62	1.14	1.17	0.67	+16	+31	−11	−4	+5	+6	−3	+29	−13	+33	2	0.11
24288		05 12 44.80	+34 49 24.4	8.83		H	78.186 669 03	+34.823 458 16		0.66	−0.26	−5.83	1.14	0.67	1.28	1.19	0.74	+2	+48	−27	+8	+15	+7	−4	+51	−17	+41	0	1.27
24289		05 12 45.16	+04 19 16.6	10.57		G	78.188 155 23	+04.321 287 64		16.01	229.55	−81.68	2.31	1.69	2.80	2.88	2.16	+15	+32	−21	+20	+18	+15	+10	+48	−27	+25	2	3.36
24290		05 12 46.08	−73 22 17.1	9.66		H	78.191 985 40	−73.371 414 89		0.92	9.30	5.51	0.83	0.91	0.89	0.82	1.03	−13	+11	−15	−30	+9	+6	+12	+10	−9	−17	3	0.67
24291		05 12 46.66	−37 56 20.4	9.51		G	78.194 395 87	−37.939 011 14		13.68	112.71	205.83	0.83	0.88	1.05	0.97	1.04	−9	+5	−9	−2	−13	+18	−11	+17	+2	−13	0	0.08
24292		05 12 47.94	+16 18 27.7	10.55		G	78.199 741 78	+16.307 703 50		23.35	31.69	−262.46	1.69	1.08	1.86	1.90	1.19	+18	+35	−11	+5	+17	−8	+8	+27	−16	+27	0	2.87
24293		05 12 48.07	−22 30 27.4	8.46		G	78.200 300 54	−22.507 597 27		1.99	17.52	3.82	0.75	0.85	1.15	1.19	1.17	−22	−3	−11	+37	−24	−4	−23	+27	−2	−24	3	−0.98
24294		05 12 48.12	−06 03 25.6	5.90		H	78.200 484 21	−06.057 113 81		7.31	21.87	−31.50	0.60	0.44	0.74	0.69	0.48	−6	+27	+0	+15	−31	−13	−31	+10	−3	−22	0	−0.42
24295		05 12 49.20	+31 00 32.8	9.01		H	78.205 014 51	+31.009 122 48		5.81	−2.17	−53.95	1.23	0.67	1.45	1.35	0.71	+9	+38	+12	−5	+17	+23	+0	+26	−25	+6	0	−0.24
24296		05 12 49.21	−48 31 36.1	9.85		H	78.205 032 88	−48.526 696 89		11.23	−17.31	−47.47	0.94	1.01	1.06	1.10	1.29	−14	+15	−17	+21	−19	+10	−16	+1	+7	−2	0	−0.14
24297		05 12 50.01	−01 33 49.3	9.48		H	78.208 391 44	−01.563 700 00		5.27	0.24	−0.57	1.35	1.06	1.68	1.64	1.36	−14	+23	−30	+35	+3	−17	−8	+42	−27	+21	3	−0.17
24298		05 12 51.43	+18 09 18.1	8.51		H	78.214 308 86	+18.155 035 11		12.29	−11.51	−46.91	1.20	0.78	1.40	1.75	0.88	+24	+18	−21	+8	+31	−30	+18	+46	−32	+29	0	0.49
24299		05 12 51.81	−27 10 39.3	7.05		H	78.215 885 92	−27.177 588 84		3.07	1.26	0.75	0.46	0.60	0.82	0.59	0.79	−8	+13	−24	−10	−6	+16	−4	−3	−8	+0	0	−1.43
24300		05 12 52.40	+64 05 29.4	8.73		H	78.218 336 56	+64.091 490 16		−0.17	1.21	−3.27	0.64	0.61	1.10	0.71	0.66	−25	+25	−19	−4	+29	−11	+25	+4	+1	−6	2	−0.13

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No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
24201	8.547	0.012	8.553	0.015		−0.004	0.017	T	0.02	0.02	L	8.4697	0.0194	0.189	73		8.39	8.91	1.21	P 1 A			1							
24202	9.376	0.015	8.778	0.014		0.558	0.015	T	0.63	0.01	L	8.8229	0.0020	0.017	120		8.79	8.87					1 G							
24203	6.968	0.058	6.114	0.022	A	0.662	0.011	G	0.72	0.01	H *	6.0060	0.0008	0.006	59	*	5.99	6.01		D	05118+0102	I 1	2 C	A	AB	181	1.666	0.003	1.05	0.02	S
24204	9.127	0.012	8.645	0.012		0.466	0.013	T	0.54	0.01	L	8.6919	0.0016	0.018	132		8.66	8.72		C			1								S
24205	7.720	0.011	7.057	0.014		0.588	0.016	G	0.66	0.01	H	7.1300	0.0009	0.007	48		7.11	7.15					1								S
24206	10.575	0.032	9.338	0.019		1.056	0.029	T	1.02	0.02	L	9.4121	0.0021	0.021	127		9.37	9.46		C			1								
24207	9.312	0.019	7.742	0.010		1.317	0.017	T	1.28	0.02	L	7.7761	0.0015	0.009	62		7.76	7.79		C			1								S
24208	9.998	0.036	9.463	0.037		0.502	0.046	T	0.57	0.05	L	9.5074	0.0023	0.019	55		9.47	9.56		D			1								
24209	9.002	0.017	8.963	0.022		0.041	0.026	T	0.06	0.02	L	8.9794	0.0020	0.013	74		8.96	9.01					1								
24210	9.061	0.016	8.133	0.012		0.799	0.010	G	0.84	0.01	H	8.1810	0.0014	0.010	70		8.16	8.20		C	05119−0907	I 1	1								
24211	8.341	0.013	7.177	0.009		0.999	0.012	T	0.98	0.01	L	7.2336	0.0009	0.008	68		7.22	7.25		D			1								S
24212	7.604	0.007	7.593	0.009		0.001	0.002	G	0.02	0.00	H	7.5928	0.0011	0.008	83		7.57	7.61		C			1								S
24213	9.980	0.020	9.262	0.016		0.660	0.021	T	0.72	0.02	L	9.3004	0.0020	0.024	151		9.26	9.35					1								
24214	10.269	0.022	9.065	0.013		1.030	0.020	T	1.00	0.02	L	9.1418	0.0019	0.023	160		9.10	9.19		C			1								
24215	8.340	0.010	7.919	0.012		0.398	0.014	T	0.46	0.01	L	7.9615	0.0020	0.016	99		7.93	7.99	0.62	P 1 A			1								S
24216	9.769	0.024	8.709	0.016		0.919	0.022	T	0.92	0.02	L	8.7675	0.0014	0.014	67		8.74	8.79		D			1								
24217	8.857	0.016	7.575	0.010		1.091	0.015	T	1.05	0.02	L	7.6258	0.0017	0.012	52		7.60	7.64			05121+0651	I 2	1								S
24218	10.423	0.031	9.095	0.017		1.108	0.002	G	1.07	0.00	I	9.1701	0.0019	0.019	106		9.13	9.20		C			1								
24219	9.266	0.014	7.975	0.009		1.095	0.015	G	1.06	0.02	H	8.0216	0.0010	0.011	115		8.01	8.04		C			1								S
24220	8.661	0.013	8.613	0.017	A	0.162	0.072	G	0.18	0.07	H *	8.6000	0.0021	0.020	76	*	8.57	8.64			05120+4154	I 1	2 C	B	AB	302	5.656	0.034	3.25	0.12	
24221	7.562	0.008	7.088	0.007		0.431	0.005	G	0.51	0.02	A	7.1354	0.0010	0.010	92		7.12	7.20		U 2 C			1								S P
24222	7.757	0.007	7.812	0.009		−0.076	0.005	G	−0.06	0.01	H	7.8236	0.0013	0.013	114		7.80	7.85					1								S
24223	8.216	0.010	8.197	0.012	*	0.022	0.015	T	0.04	0.01	L *	8.2005	0.0014	0.011	82	*	8.18	8.22			05121+4224	H 1	2 C S C		AB	31	0.142	0.050	2.24	1.10	
24224	8.868	0.011	7.553	0.007		1.117	0.010	T	1.08	0.01	L	7.5960	0.0010	0.010	124		7.58	7.62					1								S
24225	9.199	0.019	8.862	0.020		0.320	0.026	T	0.37	0.04	L	8.8841	0.0024	0.017	78		8.85	8.91		C			1								
24226											T	12.0694	0.0325	0.330	72		11.44	12.35	0.46	P 1 A			1 S								G
24227	8.637	0.015	8.211	0.015	A	−0.110	0.351	G	0.37	0.09	L *	8.2726	0.0015	0.012	56	*	8.25	8.29		D	05121+0036	I 1	2 C	B	AB	227	1.274	0.079	3.23	0.24	
24228	10.005	0.024	9.282	0.020		0.650	0.024	T	0.71	0.02	L	9.3068	0.0023	0.020	124		9.28	9.34		C			1								
24229	9.781	0.028	7.823	0.012		1.624	0.024	T	1.65	0.03	L	7.7145	0.0023	0.020	57		7.69	7.75		U	05121+0651	I 2	1								
24230	10.195	0.019	8.971	0.011		1.046	0.017	T	1.02	0.01	L	9.0408	0.0014	0.023	261		9.00	9.08					1								
24231	9.498	0.026	9.370	0.033		0.124	0.039	T	0.14	0.04	L	9.3918	0.0023	0.018	73		9.36	9.43		C			1								
24232	8.159	0.011	7.676	0.008		0.461	0.016	G	0.53	0.02	H	7.7359	0.0009	0.010	92		7.72	7.75		C			1								S
24233	9.192	0.014	8.590	0.012		0.560	0.014	T	0.63	0.01	L	8.6481	0.0018	0.014	115		8.62	8.67		C			1								S
24234	8.495	0.013	8.037	0.012		0.443	0.003	G	0.51	0.00	H	8.0922	0.0015	0.012	72		8.07	8.11		C			1								S
24235	8.348	0.012	8.162	0.014		0.175	0.015	G	0.19	0.02	H	8.1951	0.0013	0.009	76		8.17	8.21					1								
24236	10.301	0.045	9.764	0.044		0.511	0.047	T	0.58	0.05	L	9.8770	0.0036	0.020	61		9.84	9.90		C			1								
24237	9.892	0.021	9.251	0.018	A	0.800	0.495	G	0.59	0.03	L *	9.1911	0.0028	0.025	128	*	9.15	9.25		D	05122−7859	I 1	2 C	A	AB	209	9.311	0.009	1.96	0.03	
24238	8.044	0.009	7.834	0.011		0.194	0.014	T	0.21	0.02	L	7.8374	0.0031	0.023	79		7.80	7.87		U 2			1								S
24239	7.002	0.007	6.967	0.008		0.037	0.010	T	0.05	0.01	L	6.9880	0.0011	0.009	81		6.97	7.00					1								S
24240	8.790	0.017	8.203	0.016		0.450	0.015	G	0.52	0.02	H	8.2754	0.0011	0.010	85		8.25	8.30					1								S
24241	8.893	0.018	8.393	0.017		0.470	0.022	T	0.54	0.02	L	8.4489	0.0011	0.009	60		8.43	8.47		C			1								
24242	10.220	0.025	8.346	0.010		1.557	0.021	T	1.57	0.02	L	8.2427	0.0020	0.018	121		8.22	8.28					1								
24243	10.213	0.039	9.034	0.023		1.010	0.015	G	1.05	0.02	I	9.0347	0.0022	0.016	73		9.01	9.06		C			1								
24244	4.340	0.003	4.447	0.002		−0.099	0.005	G	−0.08	0.02	A	4.4260	0.0005	0.004	90		4.42	4.44		C	05123−1152	I 1	1								S
24245	10.732	0.062	9.540	0.036		1.021	0.056	T	0.99	0.05	L	9.5750	0.0029	0.023	96		9.54	9.62					1								
24246	10.253	0.038	8.855	0.021		1.182	0.034	T	1.14	0.03	L	8.8562	0.0025	0.018	53		8.83	8.89		C			1								
24247	8.823	0.015	8.691	0.018		0.130	0.015	G	0.14	0.01	H	8.7084	0.0015	0.012	79		8.69	8.74		C			1								
24248	10.943	0.062	10.859	0.096		0.076	0.103	T	0.09	0.11	L	10.8774	0.0032	0.028	60		10.81	10.94					1								G
24249	9.096	0.018	8.698	0.019		0.406	0.015	G	0.47	0.02	H	8.7647	0.0024	0.013	62		8.74	8.78		C			1								
24250	9.006	0.010	8.424	0.009		0.558	0.001	G	0.63	0.00	H	8.4511	0.0017	0.019	169		8.42	8.49			05124−2633	I 1	1 G								S
24251	11.072	0.071	10.520	0.075		0.517	0.092	T	0.59	0.10	L	10.7329	0.0032	0.029	68		10.68	10.77					1								G
24252	8.078	0.011	6.908	0.007		1.004	0.010	T	0.98	0.01	L	6.9452	0.0007	0.007	82		6.93	6.96		C			1								S
24253	8.707	0.011	7.433	0.007		1.085	0.010	T	1.05	0.01	L	7.4851	0.0011	0.010	102		7.47	7.50					1								S
24254	5.292	0.002	5.416	0.002		−0.108	0.003	T	−0.09	0.00	L	5.4022	0.0031	0.021	184		5.37	5.43	2.73	P 1 A			1 G								S
24255	7.767	0.005	7.325	0.005		0.417	0.007	T	0.48	0.01	L	7.3707	0.0008	0.011	190		7.35	7.39					1								S
24256	7.942	0.008	6.634	0.004		1.107	0.004	G	1.11	0.04	E	6.6780	0.0008	0.009	126		6.66	6.70					1								S
24257	8.673	0.010	8.126	0.010	*	0.518	0.015	G	0.59	0.02	H *	8.3466	0.0013	0.017	211	*	8.31	8.38		D	05124−2455	I 1	2 C	A	AB	82	1.656	0.003	0.80	0.02	S
24258	9.243	0.016	8.695	0.015		0.513	0.020	T	0.59	0.02	L	8.7212	0.0020	0.014	82		8.70	8.75		C			1								
24259	10.404	0.035	9.584	0.027		0.724	0.034	T	0.78	0.02	L	9.6215	0.0024	0.023	99		9.58	9.66					1								
24260	7.488	0.004	7.511	0.005		−0.016	0.006	T	0.01	0.01	L	7.5257	0.0009	0.011	185		7.51	7.54					1								S
24261						0.000	0.495	G	−0.10	0.07	B *	8.5960	0.0035	0.026	75	*	8.57	8.66		R 2	05125−0302	I 1	2 C	B	AB	103	1.456	0.005	0.00	0.01	
24262	10.933	0.044	9.413	0.021		1.278	0.038	T	1.24	0.04	L	9.4145	0.0016	0.014	111		9.39	9.44		C			1								
24263	8.624	0.009	8.539	0.011		0.077	0.013	T	0.09	0.01	L	8.5578	0.0016	0.019	152		8.53	8.59					1								S
24264	11.611	0.112	11.469	0.172		0.518	0.031	G	0.59	0.03	H	11.3704	0.0056	0.048	97		11.22	11.46					1 S								G
24265	10.640	0.028	9.139	0.013		1.263	0.024	T	1.22	0.03	L	9.1724	0.0020	0.025	192		9.13	9.22					1								
24266	8.954	0.016	8.861	0.019		0.040	0.015	G	0.06	0.01	H	8.9223	0.0020	0.016	58		8.90	8.94					1								
24267	10.157	0.025	9.245	0.018		0.794	0.024	T	0.83	0.02	L	9.3221	0.0020	0.016	109		9.29	9.35		C			1								
24268	8.663	0.012	8.548	0.014		0.104	0.017	T	0.12	0.02	L	8.6223	0.0028	0.023	97		8.59	8.67			05125−1727	I 2	1								
24269	10.521	0.047	8.583	0.017		1.560	0.015	G	1.53	0.01	J	8.5241	0.0018	0.013	65		8.50	8.55		C			1								
24270	8.541	0.007	7.960	0.007		0.543	0.009	T	0.62	0.01	L	8.0190	0.0010	0.013	195		7.99	8.04		C			1								
24271	8.591	0.018	8.469	0.022		0.118	0.027	T	0.13	0.03	L	8.5722	0.0026	0.021	99		8.54	8.61		C	05125−1727	I 2	1								
24272	10.392	0.034	8.780	0.016		1.350	0.030	T	1.32	0.04	L	8.7299	0.0016	0.013	78		8.71	8.75		D			1								
24273	9.627	0.023	8.397	0.015	*	1.050	0.021	T	1.02	0.02	L *	8.4150	0.0016	0.012	66	*	8.40	8.44		D	05126+1024	H 1	2 C S A		AB	224	0.179	0.023	1.15	0.32	
24274	9.083	0.015	8.914	0.018		0.162	0.022	T	0.18	0.02	L	8.9261	0.0022	0.014	82		8.90	8.95		C			1								
24275	8.611	0.010	7.394	0.006		1.040	0.009	T	1.01	0.01	L	7.4541	0.0010	0.010	125		7.44	7.47		C			1								S
24276	10.117	0.027	9.554	0.025		0.531	0.027	T	0.60	0.03	L	9.5961	0.0021	0.019	104		9.56	9.63					1								
24277	11.080	0.060	9.539	0.026		1.294	0.051	T	1.25	0.05	L	9.5821	0.0038	0.020	71		9.55	9.62					1								
24278	10.013	0.021	8.990	0.015		0.891	0.019	T	0.90	0.01	L	9.0426	0.0022	0.021	133		9.01	9.09					1								
24279	7.805	0.009	7.777	0.010		0.031	0.012	T	0.05	0.01	L	7.7996	0.0014	0.012	75		7.78	7.82		C			1								S
24280	9.416	0.017	9.161	0.020		0.239	0.027	T	0.27	0.03	L	9.2716	0.0018	0.019	126		9.24	9.31		C			1								
24281	10.233	0.038	9.146	0.024		0.940	0.034	T	0.93	0.03	L	9.2549	0.0540	0.245	83		8.89	9.51	10.15	P 1 A			1 V								G
24282	9.860	0.021	9.142	0.017		0.646	0.020	T	0.71	0.02	L	9.2154	0.0020	0.021	131		9.17	9.25					1								
24283	11.590	0.118	10.240	0.057		0.880	0.040	G	0.92	0.04	R	10.4543	0.0044	0.027	74		10.38	10.49					1								G
24284						1.550	0.020	G	2.44	0.08	I	10.8051	0.0051	0.036	52		10.75	10.87		C			1 X								G G
24285	9.933	0.032	9.490	0.033		0.418	0.042	T	0.48	0.04	L	9.5306	0.0026	0.014	56		9.51	9.55		C			1								
24286	10.291	0.037	8.966	0.022		1.202	0.025	G	1.16	0.03	I	8.9799	0.0021	0.012	64		8.96	9.00		C			1								
24287	9.892	0.027	8.688	0.017		1.030	0.025	T	1.00	0.02	L	8.7288	0.0021	0.014	83		8.70	8.75		C			1								
24288	8.976	0.016	8.821	0.019		0.140	0.015	G	0.15	0.01	H	8.8779	0.0016	0.013	82		8.85	8.90		C			1								
24289	11.563	0.144	10.482	0.088		0.800	0.011	G	0.84	0.01	H	10.7245	0.0031	0.038	47		10.65	10.81					1								G
24290	10.121	0.029	9.733	0.030		0.367	0.039	T	0.43	0.04	L	9.7493	0.0023	0.021	106		9.70	9.78					1								
24291	10.527	0.030	9.597	0.021		0.763	0.002	G	0.81	0.00	H	9.6612	0.0026	0.027	129		9.61	9.70		C			1								
24292	12.421	0.314	10.715	0.098		1.230	0.015	G	1.39	0.02	I	10.7613	0.0022	0.029	76		10.72	10.83		D			1								G
24293	8.842	0.011	8.510	0.012		0.352	0.015	G	0.41	0.02	H	8.5402	0.0024	0.020	115		8.50	8.58					1								S
24294	7.127	0.006	6.004	0.003		0.960	0.000	G	0.94	0.04	E	6.0627	0.0009	0.008	110		6.05	6.08					1								S
24295	9.652	0.024	9.058	0.023		0.554	0.029	T	0.63	0.03	L	9.1335	0.0021	0.016	80		9.11	9.17		C			1								
24296	10.541	0.032	9.955	0.029		0.547	0.038	T	0.62	0.04	L	9.9725	0.0034	0.027	108		9.92	10.01					1								
24297	9.500	0.025	9.493	0.033		0.007	0.036	T	0.03	0.03	L	9.4919	0.0032	0.018	53		9.47	9.52		C			1								
24298	9.643	0.022	8.615	0.015		0.880	0.020	G	0.89	0.01	H	8.6695	0.0013	0.011	71		8.64	8.69					1								
24299	9.109	0.011	7.230	0.005		1.561	0.010	T	1.58	0.01	L	7.1692	0.0013	0.014	160		7.15	7.19					1								S
24300	10.168	0.018	8.858	0.010		1.113	0.016	T	1.08	0.02	L	8.8955	0.0014	0.018	192		8.86	8.94					1								

Number HIP	Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag		Position: epoch J1991.25 α (ICRS) deg	δ deg	Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ	Standard Errors α* mas	δ	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ	Astrometric Correlations (%)	Soln F1 %	F2
1 2	3	4	5	6 7	8	9 10	11	12	13	14	15	16	17	18	19 20 21 22 23 24 25 26 27 28	29	30
24301	05 12 53.21	+19 43 25.7	9.93	G	78.221 699 87	+19.723 807 44	31.41	366.33	−674.39	1.99	1.12	2.48	1.98	1.18	− 5 +51 −36 + 0 +29 + 8 + 6 +40 −23 +46	5	1.25
24302	05 12 53.28	+13 55 17.2	8.65	H	78.222 002 85	+13.921 452 51	2.69	6.21	4.61	1.22	0.69	1.37	1.16	0.72	+ 7 +56 −14 + 6 +17 −12 + 2 +44 −15 +29	0	1.58
24303	05 12 53.47	+37 44 37.5	7.90	H	78.222 783 98	+37.743 748 01	0.64	0.05	−4.56	0.97	0.61	1.04	1.21	0.65	+ 1 +27 −15 +34 − 9 + 4 −10 +50 −17 + 0	0	1.24
24304	05 12 55.42	+27 46 25.7	9.24	H	78.230 914 78	+27.773 818 81	9.43	−61.58	−17.87	1.27	0.69	1.41	1.46	0.73	+ 3 +30 − 1 − 2 + 4 − 8 − 4 +29 −18 +11	4	1.36
*24305	05 12 55.87	−16 12 19.5	3.29	G	78.232 804 60	−16.205 429 01	17.69	45.66	−16.13	0.48	0.44	0.71	0.53	0.53	+ 8 +32 − 8 − 6 −15 −22 −24 + 0 −20 − 9	1	0.81
*24306	05 12 55.84	−27 09 32.4	7.38	H	78.232 679 33	−27.159 007 55	2.76	−6.28	0.73	0.48	0.64	0.88	0.61	0.84	− 8 +13 −24 − 7 − 5 +16 − 3 − 1 − 8 + 1	0	−0.40
24307	05 12 58.05	+70 58 13.0	7.73	H	78.241 880 69	+70.970 289 75	5.95	8.52	−32.13	0.40	0.70	0.87	0.44	0.81	−14 +16 − 6 − 3 + 5 +11 + 8 −30 + 4 − 9	0	−2.36
24308	05 12 58.36	+48 18 19.1	8.40	H	78.243 148 10	+48.305 295 93	2.63	5.56	−9.74	1.29	0.70	1.42	1.32	0.74	− 1 +47 + 7 +26 + 2 + 6 − 7 +21 −16 −14	0	1.53
24309	05 12 59.39	−71 03 33.6	8.50	H	78.247 448 60	−71.059 339 60	5.60	−7.20	−6.73	0.72	0.69	0.77	0.78	0.84	−11 − 6 − 2 − 3 −15 +20 −16 +15 − 8 −13	1	−1.63
24310 H	05 13 00.58	+08 28 03.4	8.80	H	78.252 415 56	+08.467 610 50 A	0.92	4.60	−5.26	2.55	1.96	2.48	2.71	2.03	+22 +41 +10 +11 + 8 + 2 + 7 +37 + 3 +35	1	−0.53
24311	05 13 00.93	−00 05 31.0	8.01	G	78.253 857 87	−00.091 952 19	6.31	−1.09	−6.84	0.90	0.72	1.09	1.18	0.99	+27 +26 − 4 +10 +12 +18 +10 +22 − 3 +37	2	1.31
24312	05 13 02.81	−15 51 46.1	8.46	H	78.261 704 54	−15.862 792 31	3.10	−7.86	−7.30	0.63	0.67	1.06	0.87	0.78	+25 +15 − 5 − 4 −10 −19 − 9 + 5 −14 − 7	1	1.76
24313	05 13 02.83	+61 51 00.1	6.17	H	78.261 790 51	+61.850 035 27	6.83	−12.19	1.82	0.48	0.45	0.73	0.50	0.45	+19 + 6 −17 −18 + 8 − 1 + 8 −12 +13 +23	0	2.10
24314	05 13 03.32	−37 25 07.4	9.04	H	78.263 836 28	−37.418 709 76	6.01	24.63	17.26	0.69	0.77	0.88	0.77	0.92	−17 + 0 + 4 + 9 −16 + 8 −17 +15 + 7 −16	0	−1.10
24315 H	05 13 03.42	+24 23 49.1	7.89	G	78.264 260 43	+24.396 960 01 A	10.66	−5.13	−17.78	1.58	0.92	1.49	1.80	0.90	−20 +19 −16 − 9 + 2 + 9 − 8 +24 −14 + 7	0	0.02
24316	05 13 04.20	−59 38 48.8	9.43	G	78.267 480 77	−59.646 881 39	14.55	935.43	515.36	0.87	0.84	1.01	0.95	0.86	+13 −25 −20 −25 − 5 +32 − 4 −30 +22 +25	4	−1.27
24317 H	05 13 04.90	+18 29 55.3	9.97	H	78.270 401 61	+18.498 688 52 *	0.73	2.86	−5.49	4.13	2.70	2.58	3.00	1.62	+ 4 +17 −19 +10 +18 −28 +12 +28 −37 +37	1	−0.39
24318	05 13 05.22	−23 57 51.7	8.31	2 H	78.271 748 22	−23.964 352 34	4.39	8.93	−2.31	0.45	0.76	1.05	0.55	0.97	−14 + 3 −21 −23 − 6 +14 − 4 − 2 −15 −17	0	1.80
24319	05 13 08.07	+44 34 01.2	7.34	H	78.283 644 38	+44.566 992 99	2.13	0.43	−2.55	0.93	0.62	0.97	1.11	0.69	− 2 +36 + 7 +38 −22 − 7 −21 +50 −12 −18	0	1.17
24320 T	05 13 08.28	−59 59 00.0	8.59	H	78.284 482 57	−59.983 334 70	17.45	17.91	145.25	7.84	7.40	7.67	8.16	7.47	+ 3 − 5 − 8 −51 + 0 +17 + 0 −54 +18 +15	3	
*24321	05 13 10.87	−17 57 46.0	8.94	H	78.295 285 50	−17.962 784 36	0.73	−4.59	−7.58	0.96	0.91	1.34	1.21	1.19	−15 + 4 −28 −36 − 9 +12 + 3 − 4 −16 −52	0	−0.79
*24322	05 13 10.78	−38 31 54.1	9.45	H	78.294 918 90	−38.531 687 21	9.48	−73.01	−156.84	0.72	0.85	0.94	0.78	0.95	+ 2 +15 + 4 + 4 −15 +13 −14 +18 + 2 − 7	0	0.72
24323	05 13 10.92	+33 19 05.8	8.56	H	78.295 506 90	+33.318 286 89	7.54	9.78	−49.54	1.03	0.66	1.13	1.08	0.70	+ 9 +37 −20 + 9 +32 + 8 +15 +51 −17 +38	0	1.53
24324	05 13 11.80	−29 15 37.3	9.27	H	78.299 148 44	−29.260 348 65	2.49	−2.85	4.71	0.70	0.86	1.10	0.81	1.03	+ 0 +12 −17 − 2 − 8 +14 − 4 + 0 +11 − 4	0	2.98
24325	05 13 12.93	+49 51 40.4	7.66	H	78.303 889 95	+49.861 225 62	8.78	17.85	−48.47	0.91	0.62	1.00	1.13	0.65	+ 0 +15 −13 +25 −34 − 6 −28 +11 + 6 + 2	0	−0.23
24326	05 13 13.33	+40 11 36.7	7.38	2 H	78.305 556 59	+40.193 541 56	0.28	−0.23	−3.65	0.87	0.70	0.92	1.00	0.75	+31 +24 −12 +38 +27 −19 +24 +71 −16 +31	0	0.75
24327 H	05 13 13.89	−12 56 28.6	4.36	G	78.307 854 22	−12.941 288 33 A	5.83	−12.22	−1.32	0.61	0.52	0.69	0.59	0.55	−10 +22 −28 + 1 −21 + 6 −18 −15 − 1 − 9	2	−0.34
24328	05 13 14.63	+58 39 47.8	8.02	H	78.310 954 73	+58.663 277 27	6.89	30.68	−64.20	0.67	0.60	0.92	0.92	0.71	−10 +13 − 5 − 5 − 1 −15 − 2 +21 + 9 − 4	0	0.71
24329	05 13 16.28	+73 29 27.9	8.98	H	78.317 838 80	+73.491 070 57	25.12	−81.32	48.98	0.64	0.95	1.19	0.77	1.21	−10 + 3 + 8 − 2 +10 + 1 +10 −20 + 6 −16	0	0.23
24330	05 13 17.08	−05 05 00.7	9.21	H	78.321 173 36	−05.083 519 99	1.81	1.01	−13.63	1.00	0.77	1.24	1.12	0.78	− 1 + 9 − 1 +11 −42 − 3 −42 −17 + 3 −13	2	−0.52
24331 H	05 13 17.48	+02 51 40.5	4.46	G	78.322 831 71	+02.861 253 46 A	9.49	3.05	4.94	0.87	0.69	0.82	0.98	0.78	+28 +33 + 2 +15 +13 + 9 +13 +38 + 5 +33	6	0.92
24332	05 13 17.55	+37 20 15.5	6.48	H	78.323 132 64	+37.337 637 26	38.50	−144.76	−135.10	0.80	0.48	0.87	0.80	0.51	+15 +45 −10 +23 +16 + 5 + 4 +53 −18 +30	0	1.37
24333 H	05 13 18.53	−59 35 08.6	7.12	H	78.327 228 25	−59.585 735 52 A	4.94	5.42	24.79	0.79	0.77	0.79	0.79	0.73	+16 −23 −12 −16 − 6 +19 − 8 −14 +14 +26	1	0.05
24334	05 13 21.88	−58 33 27.5	8.79	H	78.341 176 77	−58.557 628 43	0.81	5.32	0.74	0.69	0.75	0.75	0.84	0.97	+18 −20 − 8 + 0 −14 +12 −16 + 4 +10 +30	0	0.24
24335	05 13 23.06	−16 54 31.6	8.02	H	78.346 078 66	−16.908 768 06	1.98	−1.33	−1.65	0.69	0.74	1.09	0.75	0.80	− 4 +24 −38 − 6 −23 − 6 −30 − 5 − 7 −26	0	−1.34
24336	05 13 25.06	+03 41 13.4	7.82	H	78.354 422 18	+03.687 047 87	21.36	−36.81	22.24	1.32	0.91	1.34	1.36	1.11	+42 +52 + 6 +44 +33 +14 +28 +65 − 1 +48	0	2.42
24337	05 13 25.14	−65 14 10.1	8.38	H	78.354 765 91	−65.236 143 93	1.79	−4.85	16.14	0.56	0.62	0.65	0.46	0.83	− 3 +20 −17 −41 +25 −10 +23 + 0 + 9 +37	0	1.73
24338	05 13 25.25	+30 57 59.4	8.04	H	78.355 204 59	+30.966 505 40	4.58	29.24	5.70	1.10	0.59	1.28	1.18	0.61	+ 5 +31 +13 −13 +23 +29 + 4 +31 −20 +11	0	0.36
24339	05 13 25.26	−18 33 30.6	7.74	G	78.355 249 85	−18.558 507 36	10.01	−6.24	−37.31	0.68	0.69	0.91	0.69	0.76	+14 +15 − 7 −21 −26 +20 −30 −27 −16 −16	0	−0.38
24340	05 13 25.73	+38 29 04.8	4.82	H	78.357 214 86	+38.484 673 94	20.08	−18.66	−72.41	1.24	0.86	1.39	1.52	0.95	+21 +20 − 6 + 9 + 8 +14 + 5 +27 −10 +27	0	
24341	05 13 26.51	−00 48 31.8	9.56	H	78.360 447 91	−00.808 819 69	3.29	12.19	−13.78	1.39	1.10	1.77	1.78	1.51	+ 0 +33 −17 + 7 +14 +10 +10 +17 − 9 +26	0	1.41
24342	05 13 26.84	−02 37 37.3	9.29	G	78.361 817 27	−02.627 025 76	4.80	−0.96	1.76	1.07	0.84	1.32	1.28	1.03	+ 2 +21 − 7 + 5 −24 −10 −22 − 6 + 6 + 9	0	1.25
24343	05 13 27.62	−20 31 46.5	8.32	H	78.365 095 05	−20.529 590 86	3.34	1.86	17.28	0.64	0.89	1.19	0.94	1.22	+10 +15 −24 −24 −24 − 4 −24 −31 −10 +10	0	−0.67
24344	05 13 27.85	−55 34 07.2	7.11	G	78.366 045 04	−55.568 653 31	18.94	50.11	−101.31	0.60	0.60	0.66	0.66	0.79	+ 7 −26 −18 −12 − 7 − 3 −14 − 1 + 5 +35	0	−0.46
24345	05 13 28.64	−04 39 10.3	7.68	H	78.369 351 21	−04.652 864 28	5.71	−7.83	−18.20	0.74	0.54	0.94	0.83	0.57	+ 5 +28 − 8 − 5 −40 − 2 −40 −19 −10 + 0	0	1.16
24346 H	05 13 29.20	−47 52 30.6	8.15	H	78.371 684 38	−47.875 172 31 A	8.51	0.66	48.50	1.39	1.30	1.32	1.62	1.67	−14 +10 −14 + 7 + 6 −14 + 3 −17 +29 −39	5	0.62
24347	05 13 30.78	−69 32 23.7	10.76	2 G	78.378 237 15	−69.539 903 11	−0.37	0.17	−2.70	1.37	1.26	1.31	1.51	1.46	+11 +12 + 3 −11 −28 + 2 −26 + 1 + 4 − 5	3	0.41
24348	05 13 31.29	+62 41 28.1	6.49	H	78.380 380 55	+62.691 129 62	12.16	−37.36	0.83	0.51	0.47	0.74	0.55	0.48	+19 +15 −25 −11 +12 −17 +10 − 6 +14 +24	1	−0.94
24349 H	05 13 31.55	+01 58 03.7	6.08	H	78.381 472 20	+01.967 684 35 A	3.71	6.06	−0.05	1.67	1.27	1.43	1.76	1.43	+19 +24 + 3 +34 +31 + 2 +24 +46 −18 +44	2	0.84
24350 H	05 13 31.79	+35 39 11.0	7.90	2 H	78.382 453 44	+35.653 060 06 A	4.54	−7.70	−4.26	1.53	0.96	1.53	1.90	0.99	+ 3 +19 −32 − 9 − 9 +15 −11 +32 −13 +22	2	−0.31
24351	05 13 31.87	+05 46 05.7	8.10	H	78.382 780 15	+05.768 241 64	4.04	60.28	−30.42	1.00	0.71	1.22	1.21	0.86	+15 +35 + 5 +26 + 5 + 7 + 1 +49 − 8 +18	0	0.28
24352	05 13 32.30	+38 06 34.9	9.41	G	78.384 577 39	+38.109 689 96	0.51	−1.15	−2.15	1.20	0.76	1.33	1.57	0.84	+ 7 +21 −23 +11 +11 − 3 + 2 +49 −21 +23	0	0.67
24353 H	05 13 32.76	−07 19 47.5	9.61	H	78.386 516 64	−07.329 850 16 *	7.24	0.14	−11.66	2.43	1.49	2.02	1.94	1.49	− 7 +14 + 4 + 9 −16 −12 −17 + 7 −15 −12	1	0.00
24354	05 13 32.85	−17 06 23.3	7.41	G	78.386 857 17	−17.106 463 23	5.23	0.17	−6.65	0.62	0.66	0.99	0.72	0.77	+ 3 +16 −29 − 7 −24 + 7 −28 − 7 −21 −29	0	0.40
24355 H	05 13 32.93	−31 54 15.4	7.50	H	78.387 211 79	−31.904 264 49 A	12.66	13.00	3.36	1.48	1.59	1.67	1.33	1.59	− 3 + 4 −15 +17 − 7 +20 − 4 −15 +15 + 3	12	2.20
*24356	05 13 35.59	+35 42 03.1	8.32	G	78.398 308 84	+35.700 849 99	1.99	−1.97	−5.95	1.04	0.60	1.13	1.29	0.66	− 2 +38 −17 + 6 − 4 + 3 − 8 +43 −10 +10	2	−0.47
*24357	05 13 35.58	−13 39 39.3	8.92	H	78.398 254 22	−13.660 915 88	2.57	−1.99	−2.68	0.89	0.76	1.25	0.88	0.80	−15 +33 −17 +10 −24 −10 −34 + 6 −25 −25	0	2.32
24358	05 13 35.82	−42 56 32.6	8.74	H	78.399 230 45	−42.942 400 36	3.98	7.46	12.62	0.75	0.73	0.85	0.85	0.97	−10 − 9 + 3 − 4 − 4 + 6 − 6 + 3 +10 − 2	0	0.74
24359	05 13 35.86	−61 04 41.9	10.10	H	78.399 400 83	−61.078 313 73	3.02	1.55	16.53	0.94	0.93	1.04	1.06	1.19	− 3 +28 − 3 + 4 − 3 −12 + 0 + 5 +13 − 2	3	1.52
24360	05 13 36.22	+35 41 39.1	12.03	H													
24361	05 13 36.53	+51 39 39.4	8.71	H	78.402 221 22	+51.660 953 98	1.47	−14.15	−10.27	1.01	0.77	1.19	1.16	0.85	+ 5 +19 −21 +24 +10 −13 + 2 +35 −23 +26	0	1.90
24362	05 13 37.29	−32 04 01.8	7.16	H	78.405 376 66	−32.067 178 27	13.46	−4.07	22.76	0.48	0.52	0.69	0.52	0.61	−11 +13 −13 +15 −13 +27 −10 + 3 + 6 − 9	1	0.57
24363 H	05 13 37.89	+04 12 40.2	8.70	G	78.407 874 81	+04.211 176 76 *	6.12	−0.09	−3.71	1.25	0.91	1.40	1.66	1.11	+21 +19 − 9 + 9 +17 +13 +17 +48 −20 +12	3	−0.08
24364	05 13 38.00	−46 31 27.3	9.02	H	78.408 326 39	−46.524 260 56	1.38	0.63	9.58	0.77	0.74	0.84	0.88	0.91	−10 +10 −16 −22 + 0 − 2 + 1 −14 +16 −11	0	−0.29
24365	05 13 38.61	−31 12 56.7	9.27	H	78.410 867 68	−31.215 740 70	2.03	20.46	7.50	0.82	0.91	1.19	1.01	1.04	+ 0 + 2 −12 −16 − 1 +24 + 3 − 5 + 6 −10	0	−0.95
24366 H	05 13 38.91	−67 34 32.4	9.12	H	78.412 131 59	−67.575 658 10 A	6.43	51.13	71.23	1.45	1.40	1.30	1.31	1.59	−21 +20 − 8 −26 + 8 − 7 + 7 −18 + 3 −30	2	−0.78
24367	05 13 39.06	−03 37 19.3	7.09	G	78.412 740 54	−03.622 024 12	2.94	0.24	−1.53	0.66	0.50	0.81	0.78	0.54	+ 7 +20 −16 −12 −40 +13 −38 −22 − 9 + 6	2	−0.42
24368	05 13 43.34	+03 34 52.3	9.59	H	78.430 590 95	+03.581 189 10	6.34	−26.50	−11.18	1.55	1.09	1.74	1.82	1.33	+ 7 +37 −21 +31 +14 + 1 + 2 +55 −22 +30	0	1.01
24369	05 13 43.51	−52 58 31.7	7.52	H	78.431 302 18	−52.975 473 98	3.98	−4.03	3.21	0.56	0.60	0.60	0.60	0.70	− 8 +15 + 1 +26 −21 + 3 −23 +16 − 1 −21	0	−0.22
24370	05 13 45.14	+27 14 24.3	9.62	H	78.438 092 58	+27.240 085 67	8.67	8.39	−51.78	1.58	0.83	1.75	1.76	0.86	−15 +41 −33 +19 + 4 − 9 − 9 +41 −21 +16	0	−0.53
24371	05 13 45.39	−02 46 54.8	8.19	H	78.439 113 94	−02.781 889 52	5.63	4.15	2.29	0.82	0.61	0.99	0.97	0.69	− 6 +24 −12 − 2 −30 −10 −30 −18 − 5 − 3	0	1.28
24372	05 13 45.43	−67 11 07.3	4.81	G	78.439 278 58	−67.185 349 76	5.97	18.18	38.96	0.50	0.45	0.48	0.50	0.55	−17 +11 − 3 −28 + 4 +12 + 7 − 7 + 1 −29	0	−1.52
24373	05 13 46.32	−35 49 31.1	6.98	G	78.443 018 31	−35.825 299 63	3.94	15.08	−37.52	0.52	0.53	0.68	0.57	0.64	− 3 +22 − 3 + 2 −11 +19 −14 + 6 −11 − 1	1	1.24
24374	05 13 46.40	+83 32 23.8	8.66	H	78.443 313 47	+83.539 955 24	3.30	0.78	2.42	0.67	0.76	0.89	0.82	0.98	− 3 +12 −18 + 2 + 2 +14 + 8 −11 − 8 +22	3	1.58
24375	05 13 46.78	+64 56 57.9	8.22	H	78.444 912 23	+64.949 406 35	0.63	11.31	−5.72	0.69	0.65	1.08	0.73	0.69	−25 +17 −16 − 2 +34 − 1 +30 + 7 − 4 + 4	0	2.06
24376	05 13 47.05	+39 01 15.6	9.06	G	78.446 035 71	+39.021 007 96	2.11	−4.13	−26.55	1.03	0.67	1.16	1.19	0.71	+16 +33 − 8 + 3 + 6 + 7 + 4 +38 − 3 +23	0	3.68
24377	05 13 47.25	+00 33 37.7	6.33	H	78.446 870 15	+00.560 466 47	3.92	9.14	−17.69	0.83	0.65	1.05	1.02	0.85	+23 +31 −17 + 8 + 8 +17 + 5 +25 − 5 +46	0	2.96
24378	05 13 47.69	−06 44 53.8	7.35	1 H	78.448 696 82	−06.748 270 95	3.04	−1.71	−4.19	0.82	0.54	0.97	0.87	0.61	−27 +41 −11 +36 −44 + 2 −49 +26 −29 −25	0	2.84
24379	05 13 49.25	+37 01 57.9	6.86	H	78.455 217 02	+37.032 755 91	5.67	1.57	−35.97	0.86	0.49	0.97	0.80	0.52	+20 +52 − 9 +15 +21 + 0 + 3 +49 −23 +36	2	1.53
24380 H	05 13 49.50	+46 58 36.1	7.55	H	78.456 264 04	+46.976 704 26 A	2.08	−5.48	−1.86	1.06	0.71	1.06	1.41	0.77	+ 0 +10 +10 −21 +13 −16 +10 + 0 −10 −12	2	−0.47
24381 H	05 13 49.91	−50 38 08.7	9.15	H	78.457 942 20	−50.635 757 40 A	3.50	5.72	6.71	1.20	1.45	1.30	1.14	1.41	− 3 +13 + 9 +13 −17 + 5 −16 +16 +10 −17	0	1.05
24382	05 13 50.11	−00 53 11.6	8.16	G	78.458 784 87	−00.886 554 78	5.77	4.26	−29.87	0.93	0.75	1.18	1.22	1.09	+17 +26 −12 +14 +17 + 7 +10 +27 −22 +35	2	2.70
24383	05 13 51.06	−64 28 08.7	9.38	H	78.462 768 99	−64.469 070 24	−0.42	4.53	3.89	0.72	0.84	0.81	0.80	1.16	+ 0 − 1 − 7 −16 +12 + 1 + 9 +10 +11 +21	0	−0.77
24384	05 13 53.33	−52 01 50.6	6.03	H	78.472 224 26	−52.030 721 11	4.65	0.20	−13.99	0.44	0.48	0.50	0.46	0.55	− 3 + 1 − 7 + 1 −13 +10 −13 + 1 +10 − 8	1	−1.82
24385	05 13 53.40	+24 53 28.9	9.24	H	78.472 484 59	+24.891 374 85	3.50	−14.89	−14.41	1.34	0.65	1.48	1.51	0.70	+ 4 +27 − 7 −26 +11 +15 − 4 +19 −21 +24	0	−1.35
24386	05 13 53.97	+17 27 11.8	9.00	2 H	78.474 890 90	+17.453 266 56	0.47	−6.00	−0.92	1.37	0.82	1.56	1.69	0.89	+ 3 +42 −25 − 4 +33 −16 +14 +38 −24 +14	0	1.32
24387 H	05 13 55.82	−22 59 18.6	7.35	H	78.482 583 69	−22.988 501 32 A	3.57	11.01	23.33	0.79	0.89	1.23	0.98	1.14	− 2 −17 −33 −19 − 5 +16 − 7 +23 + 2 + 6	2	0.91
24388	05 13 56.55	+31 34 17.9	8.61	H	78.485 640 77	+31.571 633 93	−0.39	7.07	−7.13	1.22	0.64	1.33	1.25	0.67	+ 3 +48 + 0 +19 + 4 − 8 − 5 +49 −19 + 2	2	1.38
24389	05 13 56.88	+28 13 26.7	9.23	H	78.486 996 55	+28.224 088 84	7.84	39.85	14.13	1.47	0.82	1.63	1.51	0.88	+11 +48 + 0 + 7 +21 − 4 + 5 +48 −19 +21	4	0.12
24390	05 13 57.69	+56 30 29.0	8.13	2 H	78.490 385 56	+56.508 048 11	4.71	−2.49	−37.89	0.65	0.59	0.97	0.80	0.67	+28 +19 − 9 + 5 + 8 −23 +10 +23 +12 +13	0	−1.01
*24391	05 13 59.03	−10 22 40.8	9.18	H	78.495 954 98	−10.377 995 85	3.84	5.72	5.68	1.09	0.86	1.29	1.28	0.95	−26 +28 −22 +21 −29 + 6 −31 + 9 −12 −36	0	1.21
*24392	05 13 59.13	−21 58 25.3	10.54	H	78.496 386 83	−21.973 701 61	25.24	64.65	59.00	2.15	2.39	3.25	3.39	3.29	− 8 +15 −11 +22 −24 + 1 −23 +11 − 4 −16	0	
*24393 H	05 13 58.85	+82 28 45.8	9.57	H	78.495 202 31	+82.479 376 36 A	0.55	−0.68	2.84	1.36	1.67	1.58	1.35	2.12	− 9 +12 + 1 −12 + 7 +11 + 8 + 7 + 0 −14	0	0.16
24394	05 13 59.94	−14 36 24.7	6.22	H	78.499 759 85	−14.606 867 27	13.31	11.49	−1.83	0.64	0.49	0.87	0.59	0.60	− 5 +45 −12 + 8 −14 + 7 −30 + 5 −41 −13	0	0.47
24395	05 14 00.85	−45 33 54.0	9.98	G	78.503 535 08	−45.565 011 84	1.90	12.96	24.32	5.32	5.61	5.86	5.96	6.85	−28 +12 − 3 −22 + 6 + 6 + 6 −10 + 4 −27	0	
24396	05 14 00.95	+88 13 19.3	8.60	H	78.503 951 98	+88.222 025 21	3.95	−12.61	7.04	0.62	0.70	0.76	0.69	0.86	+ 6 + 8 −13 +24 +10 − 2 +11 +23 − 2 +13	0	−0.08
24397 H	05 14 01.68	+51 25 51.8	7.19	H	78.507 007 60	+51.431 041 83 A	16.76	60.00	−137.14	1.31	0.98	1.17	1.09	0.74	+ 1 +22 − 5 + 9 −12 − 4 −11 +12 −21 − 1	2	1.49
24398 H	05 14 02.53	+36 54 58.5	7.68	H	78.510 533 60	+36.916 247 25 *	0.93	−4.62	−4.29	1.22	0.81	1.18	1.16	0.72	− 9 +41 + 4 − 4 − 6 + 4 −10 +23 − 7 − 7	1	0.07
24399	05 14 03.10	+03 12 07.4	9.48	H	78.512 910 97	+03.202 069 10	3.64	15.07	9.56	1.40	1.00	1.61	1.90	1.34	+20 +31 −13 +14 + 9 +10 + 3 +39 − 4 +45	0	1.20
24400	05 14 03.53	−26 23 23.1	9.03	H	78.514 713 36	−26.389 746 77	4.87	−8.74	−39.52	0.63	0.87	1.13	0.79	1.30	− 1 + 6 −14 − 2 − 6 + 1 − 8 +26 − 8 + 2	0	0.42

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
24301						1.064	0.031	G	1.12	0.04	I	9.9516	0.0032	0.022	54		9.92	9.98		C			1							G
24302	11.201	0.094	8.929	0.021		1.750	0.015	G	1.73	0.01	J	8.7573	0.0025	0.021	60		8.72	8.78					1							
24303	9.546	0.025	8.033	0.014		1.272	0.023	T	1.23	0.02	L	8.0571	0.0013	0.010	74		8.04	8.08					1							S
24304	9.870	0.026	9.306	0.024		0.528	0.032	T	0.60	0.03	L	9.3552	0.0022	0.017	78		9.33	9.38		C			1							
24305	3.162	0.002	3.269	0.002		−0.110	0.180	G	−0.09	0.02	A	3.2528	0.0005	0.004	116		3.24	3.26					1							S
24306	9.157	0.011	7.516	0.006		1.373	0.010	T	1.34	0.01	L	7.5249	0.0011	0.012	162		7.51	7.55					1							S
24307	9.045	0.009	7.850	0.006		1.023	0.008	T	1.00	0.01	L	7.9016	0.0011	0.013	210		7.87	7.93					1							
24308	10.337	0.042	8.597	0.018		1.451	0.036	T	1.45	0.06	L	8.5339	0.0018	0.018	65		8.50	8.56					1							
24309	9.940	0.025	8.635	0.015		1.109	0.023	T	1.07	0.02	L	8.6677	0.0014	0.012	102		8.64	8.69		C			1							P
24310	9.034	0.016	8.865	0.019	*	0.162	0.023	T	0.18	0.02	L *	8.8514	0.0018	0.012	80	*	8.83	8.88		D	05130+0828	I 1	2 C	A	AB	7	0.481	0.003	0.34	0.02	
24311	8.203	0.010	8.037	0.012		0.140	0.015	G	0.15	0.01	H	8.0653	0.0017	0.013	66		8.04	8.09					1							S
24312	9.620	0.017	8.574	0.012		0.909	0.016	T	0.91	0.01	L	8.6150	0.0013	0.014	148		8.59	8.64					1							
24313	6.202	0.004	6.172	0.003		0.032	0.005	T	0.05	0.00	L	6.1922	0.0008	0.009	138		6.18	6.21					1							S
24314	9.567	0.015	9.080	0.015		0.470	0.016	T	0.54	0.02	L	9.1404	0.0018	0.018	130		9.10	9.18		C			1							
24315	8.473	0.013	7.972	0.012	*	0.503	0.015	G	0.58	0.02	H *	7.9991	0.0012	0.009	70	*	7.99	8.01		D	05131+2424	I 1	2 C	A	AB	48	0.712	0.006	1.58	0.02	S
24316	9.992	0.032	9.517	0.032		0.503	0.038	G	0.58	0.04	H	9.5351	0.0026	0.017	84		9.51	9.57		C			1							
24317	10.647	0.049	10.096	0.050	*	0.516	0.063	T	0.59	0.07	L *	10.0883	0.0034	0.023	77	*	10.05	10.13		C	05131+1830	I 1	2 C	A	AB	75	0.266	0.030	0.67	0.49	G
24318	9.635	0.013	8.448	0.009		1.017	0.012	T	0.99	0.01	L	8.4783	0.0033	0.037	241		8.42	8.53	5.33	P 1 A	05131−2358	I 1	1	S						
24319	7.365	0.008	7.328	0.009		0.039	0.011	T	0.05	0.01	L	7.3572	0.0013	0.011	75		7.33	7.38					1							S
24320	9.674	0.021	8.897	0.017		0.691	0.021	T	0.75	0.02	L	8.7333	0.0025	0.016	84		8.71	8.76		D	05131−5959	I 1	1 X	S						S G
24321	10.351	0.029	9.045	0.016		1.110	0.026	T	1.07	0.03	L	9.1144	0.0022	0.021	102		9.07	9.16		C			1							
24322	10.233	0.024	9.503	0.021		0.655	0.024	T	0.72	0.02	L	9.5859	0.0019	0.023	130		9.55	9.63					1	S						
24323	9.074	0.016	8.612	0.016		0.439	0.012	G	0.51	0.01	H	8.6530	0.0024	0.015	88		8.63	8.69					1							
24324	9.361	0.014	9.291	0.017		0.063	0.020	T	0.07	0.02	L	9.3013	0.0028	0.023	140		9.27	9.35					1							
24325	8.058	0.010	7.690	0.011		0.370	0.001	G	0.43	0.00	H	7.7415	0.0017	0.012	82		7.72	7.76		C			1							S
24326	7.356	0.010	7.377	0.013		−0.017	0.014	T	0.01	0.01	L	7.3867	0.0079	0.081	78		7.23	7.48		U 2 C			1							S P
24327	4.301	0.004	4.411	0.005	A	−0.094	0.009	G	−0.07	0.02	A *	4.3328	0.0006	0.004	92	*	4.33	4.34		D	05132−1256	I 1	2 C	A	AB	357	2.179	0.004	2.57	0.03	S
24328	9.428	0.015	8.134	0.009		1.100	0.014	T	1.06	0.01	L	8.1845	0.0014	0.014	115		8.16	8.22		C			1							S
24329	9.938	0.017	9.099	0.014		0.738	0.017	T	0.79	0.01	L	9.1223	0.0019	0.026	182		9.07	9.16					1 G							
24330	9.597	0.020	9.250	0.022		0.336	0.027	T	0.39	0.04	L	9.2876	0.0023	0.020	116		9.26	9.32		C			1							
24331	6.061	0.005	4.619	0.003	A	1.166	0.054	G	1.12	0.02	A *	4.6378	0.0006	0.005	73	*	4.63	4.65		D	05133+0251	I 1	2 C	A	AB	63	6.907	0.026	3.83	0.10	S
24332	7.122	0.007	6.542	0.006		0.542	0.008	T	0.62	0.01	L	6.5960	0.0008	0.006	76		6.59	6.60		C	05133+3720	I 1	1							S
24333	8.822	0.012	7.267	0.007	*	1.305	0.011	T	1.27	0.01	L *	7.2723	0.0012	0.009	86	*	7.26	7.29		D	05133−5935	H 1	2 C	A	AB	143	0.726	0.013	3.19	0.06	S
24334	8.605	0.010	8.751	0.014		−0.127	0.015	T	−0.12	0.02	L	8.7513	0.0016	0.016	94		8.72	8.77					1							
24335	9.876	0.023	8.174	0.010		1.421	0.020	T	1.41	0.03	L	8.1587	0.0018	0.017	109		8.13	8.19		C			1							S
24336	8.635	0.014	7.929	0.012		0.637	0.014	T	0.70	0.01	L	7.9542	0.0020	0.013	64		7.94	7.99		C			1 G							S
24337	8.280	0.010	8.364	0.013		−0.054	0.004	G	−0.04	0.02	A	8.3611	0.0012	0.011	93		8.35	8.38		C			1							S
24338	9.446	0.019	8.175	0.012		1.082	0.018	T	1.04	0.01	L	8.2055	0.0016	0.013	82		8.18	8.22		C			1							
24339	8.566	0.010	7.824	0.008		0.667	0.015	G	0.73	0.01	H	7.8744	0.0019	0.014	109		7.86	7.90		C			1							S
24340	5.073	0.003	4.851	0.003		0.189	0.005	G	0.23	0.03	C	4.8902	0.0005	0.005	79		4.88	4.90		C			1 X							S
24341	10.068	0.035	9.585	0.036		0.467	0.039	T	0.54	0.04	L	9.6645	0.0025	0.022	60		9.61	9.70					1							
24342	9.347	0.025	9.312	0.033		0.082	0.002	G	0.09	0.00	H	9.3193	0.0022	0.017	71		9.28	9.34		C			1							
24343	9.991	0.017	8.449	0.009		1.295	0.015	T	1.25	0.02	L	8.4797	0.0013	0.015	186		8.45	8.50					1 G							
24344	7.850	0.009	7.167	0.008		0.636	0.001	G	0.70	0.00	H	7.2405	0.0011	0.010	80		7.23	7.26		C	05135−5534	I 1	1							S
24345	7.900	0.008	7.690	0.008		0.201	0.011	T	0.22	0.01	L	7.7424	0.0010	0.010	117		7.73	7.76		C	05135−0439	I 1	1							S
24346	8.606	0.019	8.132	0.019	*	0.446	0.025	T	0.52	0.03	L *	8.2538	0.0012	0.011	106	*	8.23	8.28		D	05135−4753	I 1	2 C	A	AB	282	3.085	0.002	0.38	0.01	S
24347	10.875	0.061	10.431	0.063		0.080	0.015	G	0.09	0.02	H	10.6444	0.0160	0.131	97		10.50	10.90		U 2 C			1	S						D
24348	6.731	0.004	6.511	0.004		0.204	0.006	T	0.22	0.01	L	6.5535	0.0010	0.010	122		6.54	6.57					1							S
24349	6.585	0.005	6.154	0.006	*	0.421	0.006	T	0.49	0.01	L *	6.1746	0.0012	0.007	63	*	6.16	6.19		D	05135+0158	I 1	2 C	A	AB	237	0.573	0.004	0.61	0.01	S
24350	8.011	0.013	7.905	0.013	*	0.100	0.015	G	0.05	0.01	L *	7.9230	0.0024	0.055	91	*	7.90	8.14	1.87	P 1 A	05135+3539	H 1	2 C	A	AB	5	0.701	0.026	3.63	0.22	S
24351	9.378	0.020	8.219	0.013		0.995	0.019	T	0.97	0.01	L	8.2706	0.0016	0.010	65		8.26	8.29		C			1							S
24352	9.489	0.030	9.474	0.040		0.198	0.015	G	0.22	0.02	H	9.4155	0.0031	0.024	77		9.38	9.46					1							G
24353	10.190	0.031	9.719	0.031	*	0.444	0.040	T	0.51	0.04	L *	9.7067	0.0035	0.022	84	*	9.67	9.74		D	05135−0720	I 1	2 C	A	AB	178	0.241	0.006	0.55	0.12	
24354	8.092	0.007	7.484	0.007		0.588	0.015	G	0.66	0.01	H	7.5313	0.0013	0.011	105		7.51	7.55		C			1							S
24355	8.617	0.020	8.196	0.020	A	−0.230	0.495	G	0.52	0.03	L *	7.6054	0.0013	0.013	129	*	7.58	7.65		D	05135−3154	I 1	2 C	A	AB	149	7.144	0.004	0.26	0.02	S
24356	8.426	0.012	8.356	0.014		0.100	0.015	G	0.06	0.01	L	8.3629	0.0015	0.011	92		8.34	8.38		D	05136+3542	I 2	1							
24357	10.799	0.046	9.062	0.017		1.449	0.039	T	1.45	0.06	L	9.0585	0.0017	0.020	97		9.03	9.09		C			1							
24358	9.942	0.020	8.830	0.013		0.958	0.019	T	0.95	0.01	L	8.9016	0.0023	0.021	124		8.87	8.94					1							
24359	10.341	0.031	10.104	0.039		0.221	0.050	T	0.24	0.06	L	10.1727	0.0032	0.029	106		10.11	10.21		C			1							
24360											T	12.1719	0.1341	0.992	54		10.25	13.09		D	05136+3542	I 2								G
24361	9.917	0.028	8.835	0.018		0.936	0.025	T	0.93	0.02	L	8.8751	0.0025	0.018	80		8.84	8.92		C			1							
24362	7.426	0.005	7.191	0.006		0.219	0.008	T	0.24	0.01	L	7.2218	0.0012	0.011	129		7.20	7.24		C			1							S
24363	8.746	0.016	8.677	0.019	*	0.043	0.020	G	0.06	0.02	H *	8.7247	0.0022	0.013	53	*	8.70	8.76		D	05136+0413	H 1	2 C S	B	AB	14	0.150	0.034	1.67	0.84	
24364	10.411	0.035	9.134	0.020		1.087	0.032	T	1.05	0.03	L	9.1911	0.0028	0.020	93		9.16	9.22					1							
24365	10.613	0.037	9.403	0.021		1.035	0.033	T	1.01	0.03	L	9.4391	0.0022	0.025	131		9.37	9.49					1							
24366	10.205	0.040	9.364	0.031	A	0.707	0.096	G	0.77	0.05	L *	9.2581	0.0023	0.023	97	*	9.22	9.29		D	05136−6735	I 1	2 C	A	AB	108	7.748	0.009	1.68	0.04	
24367	6.910	0.005	7.068	0.005		−0.133	0.002	G	−0.12	0.00	H	7.0487	0.0011	0.009	116		7.03	7.06					1							S
24368	10.037	0.035	9.692	0.040		0.327	0.050	T	0.38	0.07	L	9.6607	0.0033	0.025	67		9.62	9.70		C			1							
24369	8.814	0.011	7.635	0.008		1.011	0.011	T	0.99	0.01	L	7.6856	0.0011	0.011	110		7.67	7.71		C			1							S
24370	10.235	0.037	9.700	0.036		0.502	0.046	T	0.57	0.05	L	9.7294	0.0029	0.019	73		9.70	9.76		C			1							G
24371	8.676	0.012	8.197	0.012		0.463	0.013	T	0.53	0.01	L	8.2930	0.0014	0.012	89		8.28	8.31		C			1							
24372	6.491	0.005	4.951	0.003		1.274	0.032	G	1.22	0.02	A	4.9799	0.0005	0.005	100		4.97	4.99					1							S
24373	8.912	0.011	7.137	0.005		1.470	0.000	G	1.46	0.04	E	7.1159	0.0011	0.011	124		7.09	7.14					1							S
24374	9.996	0.022	8.779	0.013		1.040	0.020	T	1.01	0.02	L	8.8315	0.0021	0.023	121		8.79	8.87		C			1							
24375	10.298	0.025	8.403	0.010		1.574	0.021	T	1.59	0.02	L	8.3367	0.0015	0.018	161		8.30	8.36					1							
24376	9.431	0.019	9.081	0.021		0.352	0.015	G	0.41	0.02	H	9.1454	0.0017	0.012	85		9.12	9.17					1							
24377	8.173	0.010	6.497	0.005		1.463	0.004	G	1.59	0.15	K	6.4295	0.0016	0.009	56		6.42	6.45					1							S
24378	7.263	0.006	7.324	0.007		−0.060	0.000	G	−0.04	0.00	H	7.3357	0.0024	0.016	91		7.31	7.36		U			1							S
24379	6.872	0.006	6.861	0.007		0.015	0.008	T	0.03	0.01	L	6.8765	0.0007	0.007	85		6.86	6.90					1							S
24380	7.586	0.011	7.562	0.015	*	0.027	0.018	T	0.04	0.01	L *	7.5691	0.0013	0.008	64	*	7.55	7.59		D	05138+4659	I 1	2 C	A	AB	184	5.872	0.011	3.04	0.06	S
24381	10.733	0.039	9.369	0.021	A	1.600	0.495	G	1.24	0.08	S *	9.3074	0.0024	0.021	98	*	9.28	9.36		R	05138−5038	I 1	2 C	A	AB	310	2.061	0.014	2.46	0.07	
24382	8.578	0.013	8.181	0.013		0.375	0.015	G	0.44	0.02	H	8.2398	0.0014	0.014	61		8.22	8.26		C			1							S
24383	10.416	0.029	9.464	0.021		0.838	0.027	T	0.86	0.02	L	9.5343	0.0024	0.020	111		9.50	9.57		C			1							
24384	7.857	0.007	6.192	0.004		1.392	0.000	G	1.33	0.04	E	6.1811	0.0010	0.009	113		6.17	6.19					1							S
24385	9.929	0.031	9.311	0.029		0.575	0.037	T	0.65	0.03	L	9.3664	0.0015	0.014	79		9.34	9.40		C			1							
24386	11.695	0.154	9.448	0.034		1.898	0.130	T	2.27	0.29	K	9.0531	0.0155	0.179	59		8.89	9.35		U 2			1	S						
24387	8.584	0.011	7.428	0.007	*	0.993	0.010	T	0.97	0.01	L *	7.5112	0.0017	0.013	120	*	7.49	7.54		D	05139−2259	I 1	2 C	A	AB	13	8.621	0.013	2.93	0.07	S
24388	10.438	0.043	8.736	0.018		1.421	0.037	T	1.41	0.06	L	8.7506	0.0019	0.013	76		8.73	8.77					1							
24389	9.961	0.025	9.323	0.023		0.593	0.029	T	0.66	0.03	L	9.3569	0.0029	0.020	83		9.31	9.41					1							
24390	8.363	0.009	8.152	0.010		0.202	0.013	T	0.22	0.01	L	8.1910	0.0017	0.019	134		8.17	8.23		U 2 C			1							S P
24391	10.758	0.056	9.327	0.026		1.208	0.048	T	1.17	0.05	L	9.3425	0.0022	0.019	77		9.31	9.37		C			1							
24392	12.181	0.148	10.596	0.052		1.645	0.400	G	2.71	0.99	I	10.5164	0.0060	0.051	121		10.40	10.59					1 X							G
24393	9.794	0.020	9.745	0.027	A	0.100	0.495	G	0.07	0.02	L *	9.5929	0.0033	0.025	124	*	9.55	9.63		D	05140+8229	I 1	2 C	A	AB	140	3.667	0.017	1.99	0.07	
24394	6.669	0.004	6.267	0.004		0.377	0.006	G	0.44	0.01	H	6.3094	0.0009	0.008	89		6.30	6.32					1							S
24395	10.485	0.033	10.026	0.033		0.450	0.020	G	0.52	0.02	H	10.0750	0.0026	0.024	105		10.03	10.12		C			1 X							
24396	9.022	0.012	8.615	0.012		0.351	0.015	G	0.41	0.02	H	8.6786	0.0019	0.022	123		8.64	8.71					1							
24397	7.957	0.011	7.274	0.008	*	0.631	0.012	T	0.70	0.01	L *	7.3248	0.0018	0.011	86	*	7.31	7.35		D	05140+5126	I 1	2 C	A	AB	128	0.481	0.010	2.51	0.05	S
24398	7.746	0.008	7.693	0.012	*	0.054	0.013	T	0.07	0.01	L *	7.7040	0.0018	0.010	82	*	7.69	7.72		D	05140+3655	H 1	2 C	A	AB	161	0.273	0.002	0.36	0.04	S
24399	9.984	0.048	9.512	0.047		0.445	0.061	T	0.51	0.07	L	9.5847	0.0033	0.019	59		9.55	9.61		C			1							
24400	9.646	0.015	9.099	0.014		0.519	0.015	T	0.59	0.02	L	9.1424	0.0021	0.023	164		9.10	9.18		C			1							

Number HIP		Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag			Position: epoch J1991.25 α (ICRS) deg	δ deg		Par. π mas	Proper Motion μα* mas/yr	μδ mas/yr	Standard Errors α* mas	δ mas	π mas	μα* mas/yr	μδ mas/yr	Astrometric Correlations (%) δ/α*	π/α*	π/δ	μα*/α*	μα*/δ	μα*/π	μδ/α*	μδ/δ	μδ/π	μδ/μα*	Soln F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
24401		05 14 04.50	−21 39 00.0	7.41		H	78.518 738 01	−21.649 993 24		7.09	24.43	17.66	0.54	0.55	0.78	0.78	0.77	−6	+8	−8	+37	−19	−15	−20	+19	+1	−6	1	0.63
24402		05 14 04.95	+66 03 23.8	7.85		G	78.520 630 71	+66.056 612 36		9.34	−27.45	40.59	0.52	0.55	0.84	0.67	0.69	−2	+13	+1	+16	+22	−9	+23	+16	+19	+2	0	−0.54
24403		05 14 05.74	+21 13 25.3	7.19		G	78.523 906 75	+21.223 706 63		8.20	13.37	−7.17	0.92	0.56	1.00	1.21	0.67	+5	+39	−10	+7	−4	−2	−3	+7	+2	+5	0	1.61
24404		05 14 07.78	+67 28 54.9	7.13		H	78.532 405 02	+67.481 909 82		9.16	20.41	−63.15	0.42	0.54	0.73	0.54	0.63	+9	+9	+6	+27	+13	+0	+11	+4	+12	+3	1	−1.26
24405		05 14 07.84	−35 49 22.5	9.55		H	78.532 666 77	−35.822 916 72		11.68	42.19	−99.90	0.82	0.85	1.06	0.94	1.05	+3	+25	+6	−13	−6	+4	−7	+8	−3	+0	0	0.60
24406		05 14 10.04	+54 01 28.5	7.96		H	78.541 831 62	+54.024 584 77		4.99	−15.45	−2.62	0.86	0.68	1.07	1.05	0.70	+14	+13	−17	+14	−18	+11	−12	+15	+7	+19	0	0.86
24407		05 14 10.17	−34 35 17.2	9.20		H	78.542 356 46	−34.588 124 51		3.95	−13.18	−2.38	0.72	0.92	0.99	0.78	1.13	−14	+15	−14	+29	−7	−6	−11	+36	−14	−10	0	0.15
24408	H	05 14 11.13	−06 39 07.8	9.68		H	78.546 370 10	−06.652 159 09	A	6.12	−10.98	19.63	2.74	1.87	2.80	2.89	1.99	−40	+25	−13	+47	−54	+7	−54	+29	−22	−42	3	−0.33
24409		05 14 11.21	−15 38 45.4	8.12	1	H	78.546 725 58	−15.645 951 21		0.76	6.03	−8.95	0.61	0.62	0.98	0.79	0.76	+23	+15	−2	−12	−15	−12	−17	−13	−10	−13	2	2.10
24410	H	05 14 12.25	+54 45 31.7	8.64		H	78.551 051 00	+54.758 814 60	A	1.85	4.59	−11.15	2.11	1.53	2.10	2.13	1.43	+7	+13	−23	−3	+31	+11	+8	+46	−10	+60	1	0.17
24411		05 14 13.14	+32 26 16.6	9.67		H	78.554 770 16	+32.437 958 19		1.00	−0.34	−4.68	1.42	0.72	1.55	1.45	0.74	−14	+50	−18	+21	−1	−1	−12	+43	−21	−6	0	−0.33
24412		05 14 13.83	−51 21 26.8	8.30		H	78.557 644 54	−51.357 439 38		2.25	26.30	2.15	0.66	0.73	0.76	0.69	0.86	−3	−12	−7	−15	−6	+8	−8	−2	+7	+1	0	1.91
24413		05 14 14.45	+30 23 59.5	7.16		H	78.560 204 15	+30.399 863 29		13.11	−6.13	2.85	1.02	0.52	1.21	1.28	0.58	+11	+30	−9	−14	+11	+33	−2	+30	−20	+23	0	−0.48
24414		05 14 18.21	−32 47 43.1	9.48		H	78.575 878 52	−32.795 301 35		6.19	−17.33	6.82	0.76	0.84	1.04	0.80	0.98	−13	+17	−9	−3	−7	+10	−9	−2	−12	−9	1	0.76
24415		05 14 19.00	+22 39 35.9	8.40		H	78.579 159 94	+22.659 965 06		3.13	−31.99	−23.91	1.15	0.66	1.28	1.56	0.75	−4	+4	−9	−26	+9	+38	+1	+17	+0	+20	0	0.82
24416		05 14 19.26	+11 29 17.5	9.01		H	78.580 247 05	+11.488 200 08		3.31	−0.08	−7.57	1.16	0.82	1.29	1.48	0.97	+16	+28	−16	+15	+39	+6	+25	+60	−23	+30	0	−0.13
24417	H	05 14 19.79	+69 49 26.2	7.21		G	78.582 469 17	+69.823 944 80	A	8.52	29.53	−100.33	0.64	0.97	1.18	0.63	1.21	−8	+1	+2	−30	+5	+8	+6	−17	+6	−10	3	1.68
24418		05 14 19.93	−33 20 55.1	8.17		G	78.583 057 19	−33.348 625 06		8.98	−14.76	−44.78	0.59	0.63	0.80	0.71	0.80	−17	+8	−6	+7	−16	+13	−16	+16	−8	−25	0	1.05
24419		05 14 19.94	−15 49 33.9	7.43		G	78.583 063 12	−15.826 085 07		31.78	201.06	−224.64	0.79	0.66	0.99	1.12	1.34	+7	+42	−1	+20	−31	−6	−57	−1	−32	−38	0	3.84
24420		05 14 20.92	−26 47 37.6	7.41	1	G	78.587 185 16	−26.793 790 84		2.02	6.19	23.58	0.49	0.67	0.92	0.61	0.94	−3	+11	−19	−4	+1	+14	+1	+6	−14	+10	0	0.02
24421		05 14 22.28	−24 27 50.8	9.34		H	78.592 821 77	−24.464 104 53		12.14	45.83	−36.45	0.55	1.05	1.45	0.66	1.41	−15	+16	−9	+15	−11	+10	−14	+11	−15	−23	0	1.11
24422		05 14 24.12	+39 21 49.5	8.02		G	78.600 480 69	+39.363 754 17		2.59	18.75	−34.69	0.92	0.59	1.01	1.04	0.62	+14	+28	−4	+9	+5	+7	+5	+40	+0	+19	2	1.16
24423		05 14 24.58	−63 32 29.1	8.12		H	78.602 397 35	−63.541 423 61		7.07	14.49	65.23	0.60	0.61	0.65	0.65	0.82	+0	+18	−12	+0	−1	−4	+2	+8	+15	−6	0	1.68
24424		05 14 27.45	−36 10 15.2	9.12		H	78.614 393 35	−36.170 882 02		18.35	0.56	−34.21	0.76	1.02	1.00	0.90	1.38	+10	+18	+2	−10	−19	+2	−18	−37	+6	+14	5	1.00
24425		05 14 27.66	−10 24 59.9	7.43	1	G	78.615 251 38	−10.416 637 57		10.82	−7.84	12.10	0.79	0.59	0.89	0.89	0.66	−30	+36	−16	+29	−30	+3	−32	+19	−12	−35	0	0.39
24426		05 14 28.84	−35 58 37.3	5.75		H	78.620 158 02	−35.977 030 69		6.73	11.33	14.20	0.43	0.45	0.56	0.47	0.56	−7	+23	+4	−1	−2	+11	−6	+10	−9	−5	0	1.55
24427	H	05 14 28.98	−18 23 06.5	7.61		H	78.620 766 53	−18.385 134 13	A	3.01	−11.74	11.44	1.22	1.23	1.45	1.26	1.36	+3	+7	−19	−24	−16	+12	−16	−25	+12	−30	2	−0.18
24428		05 14 29.25	−07 16 58.2	8.52		H	78.621 870 94	−07.282 820 91		5.12	−1.50	−2.00	1.10	0.71	1.27	1.25	0.81	−29	+30	+5	+40	−37	−17	−40	+28	−17	−31	2	2.66
24429	H	05 14 30.37	−40 19 11.1	9.39		H	78.626 549 26	−40.319 755 50	A	8.63	6.74	−33.98	2.89	2.80	2.83	3.55	3.15	+6	+4	−2	−36	−2	+19	+0	+1	+3	−5	1	0.73
24430		05 14 30.53	−26 12 30.7	6.93	1	H	78.627 213 57	−26.208 534 86		5.48	56.23	−64.46	0.42	0.57	0.80	0.50	0.80	−4	+16	−22	−15	−6	−1	−8	+6	−9	+1	0	−0.74
24431		05 14 31.14	+25 55 02.4	8.14		H	78.629 745 51	+25.917 332 80		5.53	10.73	−29.48	1.07	0.59	1.14	1.17	0.62	+12	+43	−7	+16	−2	−5	−4	+40	−6	+24	0	0.12
24432		05 14 31.41	−45 47 28.5	8.72		H	78.630 875 24	−45.791 260 57		4.37	6.21	−2.20	0.70	0.74	0.80	0.83	0.90	−15	−7	−2	−18	+10	+3	+9	+6	+13	−16	2	0.23
24433		05 14 32.20	+33 21 05.2	8.65		H	78.634 161 16	+33.351 442 66		4.07	5.45	3.19	1.02	0.61	1.14	1.08	0.62	−2	+27	−24	+8	+21	+4	+10	+37	−19	+27	0	0.79
24434		05 14 32.25	−22 31 13.7	9.77		H	78.634 356 66	−22.520 480 82		−4.53	−1.02	−4.81	1.34	1.60	2.14	2.12	2.49	−4	+5	−19	+27	−19	+15	−16	+19	−5	+7	0	2.64
24435		05 14 32.26	+18 37 25.5	10.32		H	78.634 419 91	+18.623 746 76		6.21	105.91	−235.74	1.81	1.21	2.11	2.26	1.35	+19	+22	−22	+21	+34	−27	+16	+56	−37	+38	6	0.94
24436		05 14 32.27	−08 12 05.9	0.18	1	G	78.634 463 53	−08.201 639 19		4.22	1.87	−0.56	0.65	0.48	0.81	0.74	0.53	−18	+27	+18	+32	−23	−13	−24	+27	−14	−30	0	2.48
24437		05 14 33.31	+38 13 32.1	8.78		H	78.638 791 23	+38.225 572 44		−0.63	0.71	−2.81	1.13	0.72	1.19	1.23	0.78	+3	+38	−7	+20	+13	+7	+3	+61	−9	+20	0	1.99
24438		05 14 34.43	−13 55 28.0	8.00		G	78.643 441 33	−13.924 432 61		9.88	3.94	5.28	0.75	0.65	1.01	0.77	0.72	−17	+37	−23	+20	−25	−9	−35	+20	−26	−16	2	1.73
24439		05 14 35.47	−44 13 21.8	8.48		H	78.647 782 95	−44.222 727 06		−0.33	1.53	−0.50	0.60	0.65	0.70	0.69	0.77	−7	+11	−13	+9	−23	+15	−20	+17	+3	−16	0	−2.27
24440	H	05 14 35.54	+76 28 22.0	6.36		G	78.648 095 87	+76.472 769 09	A	7.75	−8.58	−3.27	0.50	0.58	0.65	0.49	0.63	−5	+12	+6	−15	+17	+18	+18	−4	+2	−1	3	−0.09
24441		05 14 36.94	−00 33 46.2	6.89	2	G	78.653 933 49	−00.562 831 84		4.46	17.74	−4.01	0.79	0.61	0.99	1.00	0.75	+1	+29	−29	+11	+23	−5	+15	+30	−15	+26	0	−0.14
24442		05 14 37.00	+02 33 49.5	9.21		H	78.654 170 52	+02.563 738 13		2.67	−1.49	−4.63	1.09	0.80	1.22	1.39	0.99	+31	+31	−10	+26	+19	−12	+11	+49	−15	+44	0	1.33
24443		05 14 37.47	+61 20 35.9	9.00		H	78.656 122 98	+61.343 297 66		3.18	16.08	−15.57	0.90	0.81	1.32	0.98	0.80	−4	+6	+2	−31	+21	−3	+18	−23	−5	+4	0	2.55
24444		05 14 38.25	+62 32 31.8	8.32		H	78.659 368 65	+62.542 154 87		1.71	12.93	−19.76	0.64	0.64	0.98	0.68	0.65	+17	+5	−28	−15	+4	−14	+1	−13	+18	+13	0	−0.54
24445		05 14 38.60	+63 07 37.0	6.89		G	78.660 814 03	+63.126 955 98		5.19	−6.64	−6.89	0.56	0.52	0.75	0.66	0.56	+12	+9	−24	−20	+15	−19	+9	−10	−6	+27	2	0.37
24446		05 14 39.34	+15 12 29.5	9.12		H	78.663 919 74	+15.208 205 52		2.38	7.07	−21.30	1.37	0.85	1.47	1.44	0.95	+28	+55	+3	−5	+27	−21	+15	+44	−13	+35	3	0.00
24447		05 14 39.44	+31 24 07.3	6.63		H	78.664 350 54	+31.402 029 28		6.82	−14.07	−42.38	0.81	0.44	0.90	0.79	0.45	+4	+49	+7	+5	+7	+12	−3	+26	−14	+4	0	0.06
24448		05 14 40.63	+42 25 06.4	8.40		G	78.669 311 76	+42.418 438 22		5.00	−12.54	−8.23	1.21	0.71	1.44	1.19	0.78	−1	+52	−25	+13	+2	+7	−13	+34	−27	+30	2	1.96
24449	H	05 14 41.31	−07 04 17.9	6.70		H	78.672 128 47	−07.071 641 54	A	3.98	−8.74	−10.10	1.16	0.87	1.31	1.32	0.91	−28	+9	−3	+33	−30	−6	−34	+15	−20	−30	4	1.67
24450		05 14 44.05	+05 09 22.1	5.50		H	78.683 551 39	+05.156 129 34		5.45	−7.01	8.74	0.80	0.60	0.97	0.92	0.73	+12	+34	−11	+26	+11	+3	−4	+62	−26	+20	2	−0.14
24451		05 14 44.27	+53 12 50.2	6.16		H	78.684 472 54	+53.213 948 17		1.90	−1.91	0.31	0.75	0.54	0.87	0.83	0.56	+2	+31	−11	+22	−6	−3	−2	+21	+10	+0	0	0.32
24452	H	05 14 45.03	+12 31 31.5	8.05		H	78.687 612 68	+12.525 414 59	A	5.32	−4.60	−8.39	1.95	1.33	1.83	1.78	1.30	+6	+40	−17	−5	+17	−11	+4	+31	−12	+18	1	−0.13
24453		05 14 46.13	+67 21 38.8	7.72		H	78.692 214 59	+67.360 774 97		5.99	15.09	−5.48	0.50	0.60	0.85	0.66	0.74	+7	+8	+5	+31	+13	−3	+14	+10	+17	+6	1	−0.25
24454		05 14 47.99	+00 39 47.0	9.97		H	78.699 978 80	+00.663 047 30		38.14	235.47	−446.06	1.71	1.20	2.22	2.01	1.45	+12	+33	−14	+12	+5	+24	+3	+26	−8	+26	0	−0.30
24455		05 14 49.21	+41 20 06.0	7.86		H	78.705 056 61	+41.334 996 90		4.82	−21.32	−22.80	1.13	0.84	1.27	1.22	0.93	+12	+38	−38	+46	+27	−10	+9	+73	−37	+30	0	0.17
24456		05 14 49.65	+20 52 48.8	9.56		H	78.706 879 09	+20.880 222 86		7.46	−0.50	−16.06	1.36	0.83	1.48	1.88	1.02	−8	+45	−25	−10	+22	−2	+16	+14	+0	+5	0	−0.40
24457		05 14 49.76	+00 42 33.4	9.85		G	78.707 318 50	+00.709 291 63		26.11	139.46	−200.16	1.66	1.13	2.12	1.90	1.34	+9	+36	−14	+13	+4	+26	+3	+28	−6	+24	0	0.63
24458		05 14 52.80	−04 37 36.0	9.45		H	78.719 990 01	−04.626 652 97		3.16	−0.70	3.86	1.13	0.81	1.54	1.20	0.82	−2	+32	−16	−11	−28	+14	−30	−20	−24	−8	0	−1.47
24459		05 14 54.88	+50 54 14.2	9.24		G	78.728 652 84	+50.903 953 68		4.78	15.61	−30.36	1.08	0.76	1.25	1.29	0.80	+5	+19	−26	−4	−20	+5	−21	+9	−13	+23	0	0.40
24460		05 14 55.25	−47 11 46.4	8.57		H	78.730 222 61	−47.196 226 39		5.27	5.75	−7.64	0.68	0.72	0.81	0.95	0.91	−4	+13	−22	−3	−9	+19	−3	−24	+21	−7	0	−1.78
24461		05 14 56.53	+57 37 34.3	10.51		H	78.735 550 88	+57.626 182 64		5.57	15.75	−18.83	1.36	1.23	1.85	1.73	1.42	+10	+7	−10	+17	−4	−16	−4	+27	+13	+9	0	0.89
24462		05 14 57.26	−05 43 03.5	8.34		H	78.738 602 53	−05.717 640 81		0.37	0.23	−4.68	0.91	0.63	1.01	0.99	0.68	−15	+28	+3	+35	−44	−13	−46	+17	−14	−19	0	2.19
24463		05 14 58.48	+44 31 50.5	10.33		G	78.743 674 84	+44.530 702 72		24.56	17.81	−694.28	18.30	15.74	14.81	20.41	15.48	+13	+19	+13	−73	−11	+18	−17	−86	−19	+20	0	
24464	H	05 14 58.94	+35 21 27.3	8.12		H	78.745 597 39	+35.357 576 40	A	4.27	−3.01	−3.97	1.61	0.87	1.55	1.64	0.84	−9	+51	−18	+13	−7	+10	−7	+33	−12	+3	1	0.58
24465		05 15 03.19	−12 12 17.1	8.01		H	78.763 281 66	−12.204 762 09		15.20	−69.27	−37.47	0.77	0.60	0.98	0.79	0.67	−29	+31	−11	+37	−39	+2	−45	+19	−27	−33	0	1.50
24466		05 15 05.15	−05 15 09.2	9.47		H	78.771 471 22	−05.252 562 59		2.48	0.47	−2.60	1.02	0.73	1.30	1.07	0.74	−4	+32	−1	+1	−27	−7	−30	−12	−17	−15	0	1.10
24467		05 15 05.85	+04 54 18.8	8.77		H	78.774 358 51	+04.905 214 98		1.12	−4.32	0.14	1.01	0.76	1.18	1.31	0.88	+30	+16	+3	+18	+8	+4	+9	+49	−10	+23	0	2.03
24468		05 15 05.85	−46 55 04.8	10.39	3	H	78.774 395 25	−46.917 987 35		3.29	14.59	−9.23	1.37	1.30	1.34	1.53	1.77	−11	−10	−8	−49	+15	−6	+17	−39	−9	+4	0	2.41
24469		05 15 06.02	−33 24 34.2	8.67		H	78.775 088 23	−33.409 509 47		2.03	4.08	6.56	0.70	0.75	0.97	0.87	0.95	−13	+6	−10	−4	−2	−3	−4	+10	−21	−4	0	0.60
24470		05 15 06.86	−36 39 03.9	8.88		H	78.778 588 98	−36.651 097 07	B	14.49	−10.80	−20.93	18.12	21.07	12.30	11.27	15.47	+2	+12	+16	−11	−2	+6	−5	+2	−8	+3	3	−0.05
24471		05 15 07.75	−41 37 41.9	11.06	3	H	78.782 311 57	−41.628 295 91		1.20	34.70	22.95	1.11	1.15	1.33	1.17	1.35	−11	+17	−5	−6	−5	−7	−6	−16	+7	−17	0	1.21
24472		05 15 07.89	−07 20 44.7	11.54		G	78.782 862 15	−07.345 754 25		41.94	262.63	−431.62	2.88	2.01	3.43	3.22	2.19	−20	+29	+3	+39	−37	−12	−39	+9	−23	−15	0	1.19
24473		05 15 08.20	+06 26 28.3	10.42		H	78.784 172 71	+06.441 202 14		0.60	−1.41	−2.13	1.67	1.06	2.05	1.92	1.28	+20	+52	+1	+34	+6	+26	−2	+57	−14	+21	0	0.02
24474		05 15 08.76	−36 39 10.4	6.75		H	78.786 508 42	−36.652 895 47	A	4.03	1.44	2.43	1.16	1.22	1.14	1.08	1.29	−1	+19	+18	+8	−5	+11	−8	+3	−4	−2	3	−0.05
24475		05 15 09.04	+15 03 45.2	7.47		H	78.787 650 06	+15.062 566 24		0.80	0.56	−3.00	0.85	0.60	0.92	1.01	0.73	+22	+40	−11	+10	+25	−14	+17	+38	−6	+38	0	−0.71
24476		05 15 09.96	+40 07 56.9	8.60	3	H	78.791 509 70	+40.132 475 11		3.32	12.80	0.17	1.25	0.80	1.47	1.48	0.85	+9	+38	−14	+30	−14	+26	−12	+36	−16	−1	0	0.58
24477	H	05 15 10.53	+08 25 56.9	7.25		H	78.793 874 54	+08.432 475 00	A	10.27	10.79	−39.06	2.10	1.41	2.05	2.65	1.70	+28	+15	−31	−22	−1	−11	−13	+17	−8	+61	6	0.48
24478		05 15 10.68	−28 20 07.1	7.15		H	78.794 492 81	−28.335 310 08		11.49	−27.01	18.85	0.44	0.55	0.72	0.55	0.68	−10	+5	−5	−4	−6	+12	−6	−3	−3	−23	0	−0.01
24479		05 15 11.38	+59 24 20.6	6.15		H	78.797 413 31	+59.405 717 97		10.61	20.13	−12.80	0.49	0.42	0.77	0.62	0.47	+13	+7	−12	−17	+22	−18	+17	−6	+7	+28	0	0.71
*24480		05 15 11.57	+20 03 22.2	7.72		H	78.798 193 44	+20.056 178 57		16.54	64.67	−36.47	1.42	0.85	1.40	1.79	1.16	+5	+35	−31	−43	+31	−28	+18	−8	−23	+16	0	0.70
*24481		05 15 11.54	+48 21 42.1	8.34	2	H	78.798 063 82	+48.361 682 08		4.30	4.79	2.27	1.24	0.69	1.34	1.36	0.78	−6	+55	+0	−4	−1	−5	−4	+31	−8	−13	0	0.78
24482		05 15 11.88	+01 33 22.1	7.24		H	78.799 485 65	+01.556 138 69		3.29	2.00	4.23	0.86	0.60	0.95	1.09	0.76	+28	+25	−12	+20	+5	+6	+5	+34	−4	+31	0	1.81
24483		05 15 12.21	+04 16 13.3	7.52		H	78.800 854 81	+04.270 356 25		7.32	−0.10	16.96	0.92	0.64	1.03	1.21	0.76	+21	+20	+0	+8	+8	+12	+7	+38	−11	+13	0	2.47
24484		05 15 12.69	−42 36 56.0	9.09		H	78.802 892 74	−42.615 564 27		3.70	7.84	12.89	0.76	0.83	0.91	0.80	1.06	+2	−9	−6	−17	−3	+7	−4	−8	+0	+14	0	0.69
24485		05 15 14.46	−53 05 34.9	8.39		H	78.810 238 20	−53.093 032 52		4.47	1.44	10.77	0.63	0.69	0.68	0.67	0.75	−4	+13	−2	+22	−26	+5	−27	+12	+5	−19	0	0.01
24486		05 15 14.66	−55 24 59.3	9.07		H	78.811 069 41	−55.416 477 90		0.72	16.55	18.55	0.79	0.80	0.84	0.95	1.12	+9	−31	+0	+2	−24	−1	−23	−15	+3	+26	0	1.29
24487		05 15 15.05	+23 49 49.9	8.84		H	78.812 704 33	+23.830 518 22		4.31	−9.17	−5.85	1.06	0.65	1.23	1.43	0.68	+2	+11	−33	−5	+14	+13	+8	+37	−14	+25	0	−0.45
24488	H	05 15 15.38	+47 10 15.6	6.91		H	78.814 077 23	+47.170 986 93	A	8.94	92.05	−105.73	2.35	1.18	1.35	1.54	0.95	+46	+8	+2	+23	+26	+8	+14	+44	−27	+26	1	0.37
24489		05 15 15.73	+24 57 48.4	9.56		H	78.815 543 30	+24.963 432 90		6.34	12.28	−25.80	1.37	0.77	1.52	1.48	0.83	+9	+34	−13	−3	+17	+10	+3	+37	−14	+35	0	−1.50
24490		05 15 16.16	−52 39 55.1	7.31		H	78.817 324 96	−52.665 300 14		3.03	5.64	7.82	0.53	0.57	0.59	0.58	0.65	−4	+11	−4	+14	−18	+6	−19	+2	+2	−11	0	−0.35
24491		05 15 17.18	+44 41 58.6	8.65		H	78.821 579 27	+44.699 624 78		1.16	−0.68	−2.55	1.12	0.66	1.18	1.26	0.71	+17	+40	−3	−1	+1	−1	−2	+8	−4	+27	0	−0.12
24492		05 15 18.22	−12 43 39.5	8.44		H	78.825 897 68	−12.727 639 08		4.58	7.12	−0.77	0.76	0.67	1.13	0.76	0.75	−7	+38	−8	+17	−26	+4	−36	+10	−34	−25	0	1.12
24493		05 15 18.52	−01 24 32.6	6.15		H	78.827 177 63	−01.409 061 38		21.77	−35.52	8.78	0.70	0.58	0.91	0.93	0.73	+15	+7	−39	+38	+30	−21	+17	+57	−44	+35	6	2.19
24494		05 15 19.57	+24 30 58.4	9.30		H	78.831 531 28	+24.516 214 79		7.81	15.94	−52.25	1.27	0.71	1.44	1.50	0.74	−4	+19	−24	−20	+18	+24	+5	+31	−10	+31	0	1.84
24495		05 15 20.10	+61 56 50.7	8.77		H	78.833 758 18	+61.947 410 82		2.34	−1.38	−0.92	0.70	0.69	1.15	0.74	0.72	+3	+14	−15	−20	+7	−9	+9	−31	+25	+5	1	0.67
24496		05 15 20.67	−29 45 32.9	7.54		H	78.836 141 90	−29.759 128 36		4.85	11.02	9.43	0.56	0.65	0.83	0.73	0.85	−11	+24	−17	+7	+1	−15	−5	+20	−14	−3	0	−0.43
24497		05 15 21.17	+30 20 47.1	10.55		H	78.838 200 84	+30.346 418 82		−54.95	12.81	−39.20	33.48	17.91	37.67	45.07	18.86	+8	+3	−11	−27	−1	+33	−1	−8	−9	+17	5	
24498		05 15 21.70	+00 03 37.2	8.04		G	78.840 410 88	+00.060 337 39		−0.01	−1.95	−2.44	0.83	0.62	1.07	1.01	0.76	+23	+29	−18	+10	+8	+18	+7	+26	−1	+43	0	0.61
24499		05 15 21.95	−12 49 05.7	8.23		H	78.841 448 08	−12.818 262 74		3.91	5.03	8.28	0.86	0.72	1.16	0.91	0.79	−15	+30	−1	+32	−35	+2	−44	+11	−27	−38	0	1.04
*24500		05 15 21.98	+40 04 40.9	10.45	3	H	78.841 593 73	+40.078 023 95		3.70	−3.03	1.64	1.96	1.24	2.10	2.19	1.33	+4	+43	−3	+31	−20	+14	−20	+42	−14	−5	0	0.31

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
24401	7.673	0.006	7.432	0.005		0.225	0.008	T	0.25	0.01	L	7.4836	0.0009	0.010	144		7.46	7.51					1							S
24402	8.347	0.008	7.888	0.007		0.436	0.015	G	0.50	0.02	H	7.9534	0.0011	0.012	154		7.93	7.98					1							S
24403	7.442	0.010	7.216	0.009		0.210	0.020	G	0.23	0.02	H	7.2423	0.0011	0.008	66		7.23	7.26		C			1							S
24404	7.302	0.004	7.151	0.005		0.145	0.006	T	0.16	0.01	L	7.1865	0.0009	0.011	172		7.17	7.21		C			1							S
24405	10.315	0.029	9.587	0.024		0.654	0.028	T	0.72	0.03	L	9.6875	0.0029	0.022	123		9.64	9.72					1							
24406	8.114	0.015	7.978	0.017		0.131	0.021	T	0.15	0.02	L	8.0103	0.0013	0.011	70		7.99	8.03					1							S
24407	10.630	0.031	9.316	0.017		1.116	0.028	T	1.08	0.03	L	9.3653	0.0021	0.026	127		9.31	9.41					1							
24408	10.354	0.037	9.841	0.036	A	0.500	0.072	G	0.57	0.08	R *	9.7938	0.0036	0.020	85	*	9.75	9.84		D	05142−0639	H 1	2 C	A	AB	352	6.574	0.024	2.35	0.09	
24409	10.321	0.025	8.333	0.009		1.648	0.021	T	1.67	0.02	L	8.2352	0.0015	0.015	149		8.20	8.26		U 2			1 S							
24410	9.696	0.025	8.947	0.021	A	0.500	0.495	G	0.81	0.07	B *	8.7847	0.0028	0.018	76	*	8.74	8.81		R	05142+5446	I 1	2 C	A	AB	88	1.903	0.007	0.88	0.04	
24411	9.896	0.033	9.765	0.043		0.126	0.051	T	0.14	0.05	L	9.7194	0.0021	0.018	76		9.69	9.75		C			1							G
24412	10.055	0.023	8.473	0.011		1.326	0.020	T	1.29	0.02	L	8.4572	0.0016	0.015	104		8.43	8.48					1							
24413	7.504	0.006	7.190	0.007		0.311	0.015	G	0.36	0.02	H	7.2377	0.0012	0.009	83		7.22	7.25		C			1							S
24414	9.976	0.020	9.505	0.019		0.457	0.022	T	0.53	0.02	L	9.5843	0.0022	0.023	131		9.54	9.62					1							
24415	9.988	0.030	8.553	0.016		1.211	0.027	T	1.17	0.03	L	8.5669	0.0015	0.015	64		8.54	8.58					1							
24416	9.080	0.018	8.981	0.023		0.097	0.027	T	0.11	0.03	L	9.0532	0.0014	0.015	69		9.03	9.08		C			1							
24417	8.448	0.009	7.263	0.005	*	1.030	0.020	G	1.00	0.02	H *	7.3568	0.0010	0.013	227	*	7.34	7.38		R	05143+6949	I 1	2 C	A	AB	222	5.185	0.005	1.72	0.02	S
24418	8.755	0.012	8.227	0.011		0.498	0.015	G	0.57	0.02	H	8.2807	0.0013	0.013	124		8.26	8.31					1							S
24419	8.327	0.008	7.507	0.007		0.719	0.011	G	0.76	0.02	A	7.5728	0.0009	0.011	146		7.55	7.59		C			1 G							S
24420	9.159	0.014	7.552	0.007		1.357	0.015	G	1.32	0.02	H	7.5664	0.0014	0.016	165		7.54	7.59		M			1							S
24421	9.957	0.015	9.410	0.014		0.519	0.015	T	0.59	0.02	L	9.4519	0.0020	0.028	238		9.40	9.50					1							
24422	9.405	0.020	8.151	0.012		1.070	0.015	G	1.03	0.01	H	8.1940	0.0015	0.010	80		8.17	8.21		D			1 S							
24423	8.606	0.011	8.152	0.010		0.428	0.014	T	0.50	0.01	L	8.2163	0.0015	0.017	117		8.19	8.24					1							S
24424	10.046	0.023	9.168	0.018		0.768	0.022	T	0.81	0.02	L	9.2624	0.0018	0.017	127		9.23	9.30		C			1 G							
24425	7.831	0.010	7.467	0.008		0.364	0.015	G	0.43	0.02	H	7.5289	0.0020	0.016	78		7.50	7.55		U 2			1							S
24426	7.023	0.004	5.849	0.003		1.009	0.001	G	0.92	0.04	E	5.9087	0.0006	0.006	130		5.90	5.92		C			1							S
24427	9.243	0.015	7.818	0.008	A	1.200	0.495	G	1.18	0.03	L *	7.7705	0.0017	0.012	105	*	7.75	7.79		D	05145−1823	I 1	2 C	A	AB	283	1.471	0.016	2.66	0.09	S
24428	8.505	0.010	8.529	0.013		−0.017	0.015	T	0.01	0.01	L	8.5283	0.0015	0.014	84		8.50	8.55		C			1							
24429	9.368	0.033	8.874	0.031	*	0.476	0.034	T	0.55	0.04	L *	9.4945	0.0030	0.025	112	*	9.45	9.54		D	05145−4019	I 1	2 C	A	AB	358	1.508	0.008	0.11	0.02	
24430	8.366	0.008	7.068	0.005		1.104	0.007	T	1.07	0.01	L	7.0995	0.0015	0.017	170		7.08	7.13		U 2			1							S
24431	8.544	0.012	8.174	0.012		0.351	0.016	T	0.41	0.02	L	8.2213	0.0012	0.015	83		8.20	8.25		C			1							
24432	9.077	0.013	8.752	0.014		0.312	0.021	T	0.36	0.03	L	8.7971	0.0017	0.014	103		8.78	8.82					1							
24433	10.040	0.029	8.752	0.017		1.096	0.026	T	1.06	0.03	L	8.8215	0.0022	0.018	87		8.79	8.85					1 S							
24434	11.686	0.095	9.985	0.034		1.448	0.083	T	1.75	0.21	K	9.8738	0.0053	0.041	99		9.80	9.93					1							
24435	11.309	0.082	10.344	0.057		0.835	0.078	T	0.88	0.08	L	10.4603	0.0036	0.023	63		10.40	10.49					1							G
24436	0.312	0.012	0.283	0.010		−0.030	0.600	G	0.03	0.02	A	0.1930	0.0015	0.014	64		0.17	0.22	2.07	P 1 A	05145−0812	I 1	1 S							S
24437	8.774	0.016	8.794	0.020		−0.014	0.023	T	0.01	0.02	L	8.7805	0.0018	0.017	86		8.75	8.80					1							
24438	8.491	0.010	8.020	0.010		0.435	0.015	G	0.50	0.02	H	8.0864	0.0016	0.012	97		8.06	8.11					1							S
24439	8.398	0.009	8.462	0.012		−0.066	0.002	G	−0.04	0.00	H	8.4600	0.0014	0.015	115		8.44	8.49					1							S
24440	6.360	0.003	6.381	0.004	A	−0.011	0.008	G	0.01	0.00	L *	6.3552	0.0008	0.007	143	*	6.34	6.37		D	05146+7628	I 1	2 C	A	AB	122	1.947	0.008	3.04	0.03	S
24441	8.739	0.013	6.999	0.006		1.820	0.015	G	3.19	0.15	O	6.6142	0.0226	0.131	58		6.46	6.87		U 2			1 S							S P
24442	9.274	0.023	9.229	0.030		0.041	0.034	T	0.06	0.03	L	9.2282	0.0017	0.014	71		9.20	9.25					1							
24443	10.547	0.030	9.151	0.016		1.180	0.027	T	1.14	0.02	L	9.1666	0.0026	0.025	126		9.12	9.21		R			1 S							
24444	8.533	0.009	8.348	0.011		0.177	0.013	T	0.19	0.01	L	8.3759	0.0012	0.013	122		8.35	8.41		C			1							
24445	7.235	0.005	6.923	0.005		0.308	0.015	G	0.35	0.02	H	6.9729	0.0008	0.008	121		6.96	6.99		D			1							S
24446	11.159	0.081	9.284	0.027		1.558	0.068	T	1.58	0.07	L	9.2331	0.0022	0.015	61		9.21	9.26		C			1							
24447	7.925	0.010	6.751	0.005		1.007	0.009	T	0.98	0.01	L	6.7925	0.0006	0.007	85		6.78	6.80		D			1							S
24448	8.996	0.017	8.485	0.017		0.505	0.015	G	0.58	0.02	H	8.5149	0.0013	0.012	69		8.49	8.53		C			1							
24449	8.381	0.049	6.885	0.023	*	1.259	0.042	T	1.22	0.04	L *	6.8574	0.0011	0.009	85	*	6.84	6.87		D	05147−0704	I 1	2 C	A	AB	315	4.256	0.005	1.56	0.02	S
24450	7.267	0.008	5.648	0.005		1.369	0.004	G	1.30	0.04	E	5.6513	0.0006	0.005	62		5.65	5.66					1 G							S
24451	6.257	0.004	6.164	0.006		0.084	0.007	T	0.10	0.01	L	6.1943	0.0008	0.005	61		6.19	6.20		C			1							S
24452	8.333	0.012	8.174	0.014	*	0.153	0.017	T	0.17	0.02	L *	8.1078	0.0015	0.009	65	*	8.10	8.13		D	05148+1232	I 1	2 C	A	AB	118	1.050	0.006	0.87	0.03	S
24453	8.001	0.006	7.747	0.006		0.242	0.008	T	0.27	0.01	L	7.7907	0.0013	0.014	167		7.77	7.82					1							S
24454	11.471	0.093	10.120	0.044		1.189	0.008	G	1.31	0.01	I	10.1174	0.0040	0.029	67		10.08	10.17					1							G
24455	9.363	0.023	7.981	0.013		1.169	0.021	T	1.13	0.02	L	8.0289	0.0018	0.011	69		8.01	8.05					1							
24456	10.114	0.038	9.678	0.041		0.412	0.051	T	0.48	0.06	L	9.6553	0.0022	0.020	60		9.63	9.69		C			1							G
24457	11.340	0.087	9.981	0.040		1.118	0.005	G	1.20	0.01	I	9.9621	0.0030	0.026	66		9.91	10.01		C			1							G
24458	9.583	0.020	9.424	0.024		0.145	0.029	T	0.16	0.03	L	9.5009	0.0019	0.019	113		9.47	9.53		C			1							
24459	9.658	0.026	9.300	0.028		0.380	0.015	G	0.44	0.02	H	9.3298	0.0020	0.015	84		9.30	9.37			05149+5054	I 1	1							
24460	8.959	0.014	8.582	0.015		0.368	0.018	T	0.43	0.02	L	8.6583	0.0015	0.012	90		8.63	8.68					1							S
24461	11.190	0.069	10.473	0.059		0.659	0.073	T	0.72	0.06	L	10.6473	0.0044	0.039	97		10.59	10.73		C			1							G
24462	10.543	0.033	8.534	0.012		1.665	0.028	T	1.69	0.03	L	8.4450	0.0023	0.019	106		8.41	8.47					1							
24463						1.060	0.015	G	1.12	0.02	I	10.4459	0.0031	0.024	40		10.40	10.48		D	05150+4432	I 1	1 X	S						G
24464	9.569	0.024	8.338	0.015	A	1.100	0.495	G	0.97	0.03	L *	8.2809	0.0013	0.013	83	*	8.26	8.30		D	05150+3521	I 1	2 C	A	AB	137	2.343	0.014	2.51	0.06	
24465	8.576	0.011	8.057	0.011		0.497	0.012	T	0.57	0.01	L	8.1150	0.0015	0.013	87		8.10	8.14					1							
24466	9.594	0.017	9.483	0.022		0.120	0.015	G	0.13	0.01	H	9.5179	0.0022	0.021	113		9.49	9.55		C			1							
24467	8.567	0.012	8.740	0.017		−0.151	0.018	T	−0.15	0.03	L	8.7148	0.0017	0.012	66		8.70	8.74		C			1							
24468						1.500	0.510	G	1.93	0.56	K	10.4734	0.2527	1.334	71		8.27	12.82	201.90	P 1 B			1							G P
24469	9.848	0.021	8.774	0.014		0.930	0.019	T	0.92	0.01	L	8.8347	0.0025	0.019	115		8.80	8.86					1							
24470	9.738	0.026	8.669	0.017	B	0.971	0.015	G	0.96	0.01	H	8.7714	0.0739			B				D	05151−3639	I 2	1 C I D							D
24471	11.309	0.068	10.870	0.080		0.414	0.097	T	0.48	0.11	L	11.1578	0.0489	0.349	108		10.36	11.40	0.48	P 1 A			1							G
24472						1.520	0.038	G	2.22	0.29	I	11.6015	0.0088	0.051	79		11.50	11.71					1							D
24473	10.393	0.038	10.370	0.056		0.026	0.063	T	0.04	0.05	L	10.4371	0.0026	0.026	90		10.38	10.47					1							G
24474	8.167	0.008	6.844	0.005	A	1.123	0.007	T	1.09	0.01	L	6.9153	0.0176	0.029	134	A	6.84	6.94		D	05151−3639	I 2	1 C P D							S D
24475	7.656	0.007	7.484	0.010		0.157	0.012	T	0.17	0.01	L	7.5206	0.0010	0.006	58		7.51	7.53		C			1							S
24476	10.845	0.065	8.911	0.022		1.640	0.057	T	3.06	0.17	O	8.5038	0.0605	0.320	68		8.18	8.97	588.00	P 1 A			1 S							
24477	7.627	0.017	7.238	0.019	*	0.368	0.023	T	0.43	0.03	L *	7.3362	0.0012	0.009	46	*	7.32	7.36		D	05152+0826	I 1	2 C	A	AB	175	4.798	0.005	0.72	0.02	S
24478	7.458	0.005	7.177	0.006		0.267	0.007	T	0.30	0.01	L	7.2177	0.0009	0.010	153		7.20	7.24					1							S
24479	7.680	0.005	6.274	0.003		1.179	0.006	G	1.14	0.01	H	6.3114	0.0006	0.007	185		6.30	6.32		C			1							S
24480	8.582	0.013	7.793	0.011		0.687	0.012	G	0.74	0.01	H	7.8598	0.0014	0.009	58		7.85	7.87		C			1 G							S
24481	10.680	0.055	8.570	0.018		1.745	0.046	T	1.77	0.05	L	8.4373	0.0043	0.029	65		8.39	8.49		U 2			1							
24482	9.083	0.016	7.356	0.008		1.441	0.014	T	1.44	0.02	L	7.3786	0.0014	0.008	66		7.36	7.39					1							
24483	7.785	0.009	7.541	0.010		0.233	0.013	T	0.26	0.02	L	7.5879	0.0014	0.009	67		7.57	7.60		C			1							S
24484	10.444	0.031	9.196	0.018		1.064	0.028	T	1.03	0.02	L	9.2571	0.0018	0.019	115		9.21	9.29		C			1							
24485	9.001	0.013	8.445	0.012		0.521	0.016	T	0.59	0.02	L	8.5013	0.0015	0.014	106		8.48	8.53		C			1							S
24486	10.951	0.050	9.175	0.019		1.480	0.042	T	1.50	0.06	L	9.2022	0.0019	0.016	99		9.18	9.23		C			1							
24487	10.431	0.039	9.051	0.021		1.168	0.035	T	1.13	0.03	L	9.0020	0.0016	0.014	73		8.98	9.03		C			1							
24488	8.167	0.013	7.025	0.009	*	0.982	0.012	T	0.96	0.01	L *	7.0697	0.0017	0.016	72	*	7.05	7.10		D	05153+4710	I 1	2 C	A	AB	80	0.358	0.011	1.85	0.08	S
24489	10.137	0.033	9.579	0.032		0.522	0.041	T	0.59	0.04	L	9.6716	0.0024	0.021	78		9.65	9.71					1							G
24490	8.824	0.011	7.425	0.007		1.183	0.010	T	1.14	0.01	L	7.4727	0.0009	0.010	118		7.45	7.49		C			1							S
24491	9.787	0.026	8.755	0.019		0.898	0.024	T	0.90	0.02	L	8.8121	0.0019	0.018	83		8.78	8.85					1							
24492	8.471	0.011	8.423	0.014		0.043	0.016	T	0.06	0.01	L	8.4612	0.0015	0.015	95		8.44	8.50		C			1							S
24493	6.620	0.005	6.195	0.005		0.401	0.007	T	0.47	0.01	L	6.2451	0.0008	0.006	66		6.24	6.26		C			1							S
24494	9.873	0.029	9.306	0.027		0.530	0.035	T	0.60	0.04	L	9.4193	0.0023	0.013	74		9.39	9.44		C			1							
24495	9.000	0.013	8.824	0.015		0.169	0.019	T	0.18	0.02	L	8.8317	0.0014	0.018	135		8.80	8.86		C			1							
24496	8.880	0.011	7.637	0.007		1.061	0.010	T	1.03	0.01	L	7.7058	0.0013	0.012	131		7.68	7.73		C			1							S
24497	12.285	0.260	10.601	0.085							T	10.6914	0.0540	0.257	68		10.24	11.02		D	05154+3021	I 2	1 X	S						G
24498	7.965	0.009	8.015	0.012		−0.050	0.022	G	−0.03	0.02	H	8.0284	0.0017	0.012	76		8.01	8.05					1							S
24499	9.487	0.020	8.327	0.013		0.996	0.019	T	0.97	0.01	L	8.3912	0.0017	0.015	93		8.37	8.42		C			1							
24500			10.536	0.063		1.540	0.510	G	1.59	1.11	R	10.5684	0.0922	0.406	68		10.02	10.90	18.20	P 1 A			1							G

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion μα* mas/yr 12	μδ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	μα* mas/yr 17	μδ mas/yr 18	Astrometric Correlations (%) δ α* 19	π α* 20	π δ 21	μα* α* 22	μα* δ 23	μα* π 24	μδ α* 25	μδ δ 26	μδ π 27	μδ μα* 28	Soln F1 % 29	F2 30
*24501		05 15 21.97	+30 20 25.0	10.05		H	78.841 537 61	+30.340 291 03		10.71	11.58	−38.95	2.40	1.30	2.91	3.19	1.35	+23	−10	−31	−26	− 4	+39	+ 0	+22	−10	+33	10	−2.00
24502		05 15 23.61	+32 41 05.1	7.94		H	78.848 390 10	+32.684 754 57	C	39.77	−12.50	13.16	42.52	22.98	22.40	23.72	12.19	+ 1	+28	−17	+ 2	+11	+ 8	+ 2	+28	−22	+17	0	−0.50
24503		05 15 23.72	−03 21 57.5	7.72		H	78.848 828 54	−03.365 961 86		11.15	−46.81	5.52	0.73	0.49	0.86	0.88	0.51	− 1	+29	−16	−24	−32	+ 1	−28	−22	− 7	−10	1	−0.06
*24504		05 15 24.41	+32 41 15.3	5.01		H	78.851 715 34	+32.687 569 90	A	12.14	−27.05	12.47	1.36	0.86	1.17	1.27	0.75	+ 0	+30	−14	+ 4	+15	+ 6	+ 3	+36	−22	+17	0	−0.50
*24505		05 15 24.37	−26 56 36.4	5.06		H	78.851 522 47	−26.943 437 23		11.98	10.88	−29.41	0.36	0.45	0.64	0.46	0.63	+ 3	+13	−16	− 9	+ 0	+ 9	− 3	+ 5	−26	+ 8	0	−1.11
*24506		05 15 24.38	−19 03 37.5	7.95		H	78.851 585 24	−19.060 421 91		10.92	16.77	−31.81	0.66	0.69	0.92	0.70	0.81	+ 0	+13	−17	−11	−11	+14	−12	−18	− 3	−25	3	−1.03
24507		05 15 24.88	−73 35 18.6	6.49		H	78.853 680 02	−73.588 489 26		9.09	−22.29	5.85	0.49	0.46	0.50	0.49	0.54	− 7	+10	− 9	−30	− 3	+15	+ 1	+10	− 5	−14	1	1.51
24508		05 15 25.79	+15 37 48.5	9.12		H	78.857 451 73	+15.630 132 29		5.20	−6.59	−5.60	1.17	0.85	1.21	1.33	0.98	+37	+39	+ 3	+13	+29	−15	+21	+40	−15	+35	0	0.42
24509		05 15 26.38	−56 10 06.5	8.59		H	78.859 922 44	−56.168 459 15		1.90	−9.30	−8.17	0.66	0.76	0.76	0.75	0.86	−17	+ 4	−16	−15	+ 2	− 5	+ 2	−17	+27	−18	0	−0.37
24510		05 15 26.61	+07 03 19.8	8.36		H	78.860 858 65	+07.055 488 96		7.42	−4.89	9.30	1.00	0.68	1.12	1.27	0.83	+23	+30	+ 3	+24	− 6	+ 4	− 8	+47	− 9	+28	0	0.91
24511		05 15 27.15	+13 22 42.3	10.70		H	78.863 105 97	+13.378 423 00		8.64	1.70	−27.84	2.15	1.30	2.41	2.10	1.41	+ 3	+54	−10	+15	+22	−10	+ 8	+53	− 8	+28	6	−1.54
24512		05 15 27.66	+22 17 05.5	6.26		H	78.865 250 46	+22.284 874 52		4.96	−9.97	−6.64	0.89	0.48	0.96	1.19	0.55	+18	+32	+ 4	−24	− 6	+21	− 8	+20	− 2	+21	0	0.45
24513		05 15 29.05	−72 23 53.9	8.52		H	78.871 046 70	−72.398 292 32		1.67	2.03	7.72	0.65	0.64	0.68	0.72	0.81	−10	+22	− 1	− 8	− 1	+ 7	+ 5	+15	+ 2	−33	0	−0.41
24514		05 15 31.24	−28 45 02.5	9.62	2	H	78.880 157 91	−28.750 685 85		5.50	8.87	40.08	0.80	1.10	1.28	0.98	1.26	− 6	+14	−14	−11	− 9	+17	− 6	−24	+ 2	− 6	0	0.81
24515		05 15 31.28	+05 45 35.1	8.68		G	78.880 329 60	+05.759 753 85		2.22	−5.09	−10.18	1.20	0.88	1.49	1.57	1.12	+35	+31	−11	+39	+31	− 3	+16	+69	−31	+48	0	0.95
24516		05 15 31.49	+00 11 49.2	8.47		H	78.881 200 25	+00.196 998 92		3.78	−9.56	3.05	1.02	0.72	1.32	1.23	0.87	+10	+32	−22	+12	+ 0	+25	+ 2	+21	− 1	+35	2	−0.24
24517		05 15 34.15	−38 21 34.1	9.17		H	78.892 304 87	−38.359 469 17		2.75	1.97	2.38	0.75	0.92	1.02	0.82	1.13	+ 1	+24	+ 3	+ 7	−13	+23	−16	+12	− 8	−15	0	−0.61
24518		05 15 35.46	+08 26 28.8	8.17		H	78.897 743 68	+08.441 320 37		6.13	−6.33	−8.98	1.19	0.79	1.39	1.58	1.04	+25	+40	−23	− 5	+16	− 4	− 4	+42	−11	+67	0	1.73
24519		05 15 37.26	−21 11 47.3	8.56		H	78.905 267 76	−21.196 474 54		7.94	−13.18	−14.28	0.61	0.75	1.04	0.84	1.12	+ 5	+18	−14	+27	− 6	− 3	− 8	+17	−12	+19	0	−1.22
24520		05 15 38.80	−52 10 56.0	6.48		G	78.911 668 23	−52.182 230 22		3.81	14.56	21.14	0.45	0.50	0.51	0.48	0.57	− 3	− 4	− 7	− 1	−14	+ 9	−14	− 6	+ 5	− 9	1	0.03
24521		05 15 39.35	−26 26 30.6	8.31		H	78.913 960 59	−26.441 846 92		2.32	−2.70	−7.46	0.55	0.82	1.09	0.66	1.11	− 7	+ 4	−26	− 8	+ 2	− 1	+ 0	+15	−15	− 1	0	0.69
24522		05 15 39.44	+08 49 24.7	8.39		H	78.914 321 29	+08.823 526 81		2.70	17.45	−11.63	1.26	0.82	1.45	2.31	1.35	+25	+28	−20	−25	+12	+14	−15	+31	+ 4	+76	0	0.78
24523		05 15 41.68	−31 54 50.1	11.07		G	78.923 664 65	−31.913 903 29		25.24	202.77	305.97	1.24	1.45	1.74	1.45	1.69	+ 4	+ 4	+ 3	+ 0	− 9	+10	−13	−18	− 5	−13	0	0.95
24524		05 15 42.58	+16 03 59.4	10.40		H	78.927 402 06	+16.066 510 92		5.24	17.74	3.22	1.78	1.15	1.95	1.96	1.33	+10	+46	− 9	+ 4	+27	− 9	+11	+39	−19	+26	0	0.21
24525		05 15 42.67	+60 53 27.0	9.30		H	78.927 786 62	+60.890 841 36		1.48	0.77	−3.79	0.89	0.78	1.26	0.98	0.76	+10	− 1	+12	−28	+21	+ 3	+18	−27	−17	+ 9	1	1.52
24526		05 15 42.92	−49 26 41.3	7.89		H	78.928 827 58	−49.444 798 68	+	30.90	99.38	−51.66	1.74	3.94	1.19	0.66	0.81	+29	+29	+80	− 8	−19	−10	− 3	+11	+ 4	+ 1	0	−1.34
24527		05 15 43.22	+12 52 46.6	8.96		H	78.930 081 27	+12.879 600 41		12.54	149.58	−121.02	1.33	0.88	1.52	1.33	0.98	+16	+52	−14	+ 8	+42	−16	+14	+59	−20	+52	0	0.21
24528		05 15 43.91	−22 53 39.7	6.76		H	78.932 956 28	−22.894 373 40		11.65	−13.28	5.12	0.48	0.60	0.84	0.65	0.85	− 1	+ 1	−17	− 1	−14	+11	−13	+14	− 4	− 4	0	−1.29
24529		05 15 44.00	+50 33 43.9	7.49		G	78.933 323 76	+50.562 206 10		2.54	10.15	−22.83	0.80	0.52	0.88	0.89	0.53	+ 1	+31	−24	+ 1	−13	+ 3	−15	+15	− 6	+26	0	−2.68
24530		05 15 45.33	−24 17 13.9	8.41		H	78.938 856 16	−24.287 193 16		6.71	−2.34	8.75	0.43	0.79	1.13	0.56	1.19	−17	+ 7	+ 0	+ 4	− 9	+13	−13	− 7	−16	−29	1	0.45
24531		05 15 46.40	−01 16 40.4	8.77		H	78.943 325 49	−01.277 896 42		4.14	0.76	−2.44	1.03	0.82	1.40	1.35	0.96	+ 4	+21	−38	+14	+30	−12	+14	+43	−38	+16	0	0.75
24532		05 15 47.06	−34 55 36.3	6.66		G	78.946 099 51	−34.926 752 47		8.21	−17.46	30.14	0.43	0.54	0.62	0.47	0.69	− 4	+15	+10	+17	−11	+ 4	−14	−11	−22	− 8	0	1.57
24533		05 15 49.29	+18 38 17.6	9.20		H	78.955 384 11	+18.638 210 86		10.46	7.67	−8.57	1.54	1.14	1.81	1.88	1.32	+17	+39	−32	+11	+53	−30	+19	+69	−39	+55	0	−0.50
24534		05 15 49.55	−42 50 56.6	8.68		H	78.956 441 99	−42.849 065 76		8.15	16.16	2.24	0.65	0.74	0.79	0.72	0.83	− 8	+ 0	−10	−11	− 2	+16	− 1	−20	+ 1	−12	0	−0.26
24535		05 15 50.19	+19 57 14.5	8.06		H	78.959 134 88	+19.954 036 46		5.92	−1.05	−6.09	1.27	0.83	1.45	1.48	0.95	+20	+33	−25	+ 0	+51	−18	+27	+51	−37	+38	0	2.50
24536		05 15 51.62	−63 20 29.8	7.84		H	78.965 064 47	−63.341 622 64		1.15	−3.02	13.41	0.60	0.63	0.64	0.65	0.84	− 6	+10	− 5	− 7	+ 0	+ 1	+ 1	− 7	+ 6	−17	0	1.91
24537	H	05 15 52.47	+03 44 55.9	8.60		H	78.968 641 79	+03.748 862 49	A	9.19	−9.76	−16.90	8.29	3.24	7.44	7.56	2.91	+ 9	+30	−19	−12	+12	+12	+ 9	+41	−28	+ 1	9	1.31
24538		05 15 53.19	+34 25 24.4	7.69		G	78.971 606 68	+34.423 442 51		9.55	10.52	−125.91	1.05	0.59	1.10	1.20	0.62	− 5	+41	−12	+29	−10	− 7	−10	+49	− 4	+ 0	2	0.22
24539		05 15 53.67	+34 25 37.4	7.76		H																							
24540		05 15 53.77	+30 29 49.0	7.60		H	78.974 060 01	+30.496 951 05		3.42	13.82	−17.07	1.12	0.59	1.28	1.39	0.61	+ 2	+21	−17	−25	+ 6	+38	+ 1	+12	− 3	+26	3	0.54
24541		05 15 55.01	−48 41 25.6	8.24		G	78.979 227 07	−48.690 437 66		13.07	−34.65	−106.06	0.60	0.67	0.72	0.73	0.87	+ 6	+ 7	−21	− 1	−13	+20	− 7	−22	+19	+18	0	−3.44
24542		05 15 55.43	−81 04 20.1	9.65		H	78.980 972 35	−81.072 257 75		17.65	63.80	77.27	0.85	0.93	0.94	0.98	1.17	− 8	+16	− 2	+19	− 3	+ 8	− 5	+36	−17	−13	0	0.11
24543		05 15 55.75	+21 49 19.0	10.24		H	78.982 294 50	+21.821 942 01		5.15	245.77	16.44	2.07	0.93	1.98	2.19	1.04	+ 9	+54	− 5	−27	− 0	−12	− 3	+28	− 2	+20	5	0.57
24544		05 15 56.21	+76 29 27.6	9.27		H	78.984 209 72	+76.490 994 76		1.36	−12.88	4.06	0.71	0.90	1.11	0.81	1.14	− 9	+12	+ 9	−12	+13	+23	+14	−14	+10	+ 7	1	0.84
24545		05 15 56.47	+68 10 57.3	9.16		H	78.985 282 84	+68.182 595 59		1.13	−1.09	−2.41	0.67	0.99	1.35	0.80	1.22	− 1	+20	+ 1	+ 5	+ 4	+ 3	+ 4	+13	− 3	−14	0	1.38
24546		05 15 57.09	+27 07 40.8	9.85		H	78.987 879 12	+27.127 994 97		12.08	−29.94	−104.86	1.66	0.93	1.83	1.91	0.96	+ 0	+22	−25	+15	+17	+ 5	+11	+33	−13	+18	0	0.81
24547		05 15 57.63	+01 19 39.3	8.57		H	78.990 142 14	+01.327 577 40		4.61	−1.02	−3.76	1.05	0.71	1.15	1.32	0.88	+17	+33	−10	+22	− 4	+ 7	− 3	+27	− 5	+15	0	−0.08
24548		05 15 57.70	+12 02 41.7	10.39	2	H	78.990 397 58	+12.044 916 04		5.95	10.49	−19.33	2.08	1.48	2.29	2.45	1.69	+12	+31	−13	+ 5	+37	− 7	+18	+54	−16	+41	0	1.69
24549		05 15 57.88	+49 32 47.3	8.47	2	H	78.991 155 73	+49.546 478 31		2.31	6.85	−6.35	1.08	0.70	1.14	1.37	0.77	+26	+30	− 1	+28	− 5	− 7	+ 4	+36	+12	+23	0	−0.14
24550		05 15 58.93	+25 21 32.3	8.91		H	78.995 535 00	+25.358 971 81		6.50	−2.95	9.02	1.20	0.67	1.32	1.37	0.74	+ 4	+36	−10	+ 1	+ 3	− 4	− 4	+36	− 8	+21	0	0.19
24551		05 15 59.78	−16 21 10.4	8.96		H	78.999 078 34	−16.352 875 08		6.02	3.31	−17.80	0.76	0.92	1.30	0.91	1.10	+29	+ 1	−39	−21	−20	− 3	−22	−16	+ 9	− 3	0	−0.97
24552		05 16 00.48	−09 48 35.4	9.92	3	H	79.001 985 74	−09.809 829 65		6.10	2.30	−3.90	1.24	1.05	1.63	1.31	1.17	−35	+29	−11	+40	−35	+12	−39	+33	−30	−37	2	−0.06
24553		05 16 00.79	−14 30 20.1	7.88		H	79.003 300 87	−14.505 569 67		3.06	−0.33	−3.47	0.79	0.69	1.01	0.75	0.83	−26	+40	−16	+33	−37	− 5	−46	+22	−17	−26	0	−0.25
24554		05 16 02.77	−47 28 05.3	8.42		H	79.011 522 08	−47.468 143 17		4.88	20.83	29.86	0.66	0.69	0.77	0.78	0.88	−11	+21	−21	+ 4	+ 1	+12	+ 8	−19	+19	− 2	0	−0.85
24555		05 16 04.14	+11 20 28.9	5.52		H	79.017 246 75	+11.341 369 54		8.86	−8.52	−6.54	0.70	0.52	0.75	0.95	0.61	+12	+15	+ 0	+21	+34	− 6	+26	+55	−16	+14	0	1.25
24556		05 16 06.59	−04 27 50.6	9.56		H	79.027 452 79	−04.464 061 35		2.66	0.98	−0.54	1.12	0.75	1.51	1.20	0.77	− 9	+37	−19	+ 4	−33	+20	−35	− 1	−29	−20	2	0.10
24557		05 16 07.77	+30 11 28.9	9.43		H	79.032 357 28	+30.191 353 81		5.23	13.98	−22.01	1.58	0.87	1.86	2.00	0.88	+ 5	+35	− 5	−12	+ 8	+13	+ 8	+31	−19	− 5	2	0.50
24558		05 16 09.06	+16 56 34.1	10.50		H	79.037 753 45	+16.942 809 49		21.55	−148.64	−161.30	2.17	1.17	2.38	2.53	1.31	− 4	+52	−10	−13	+26	+ 1	+11	+36	−15	+ 1	0	0.19
24559		05 16 10.05	−41 14 57.2	7.20		H	79.041 887 90	−41.249 231 31		2.48	9.72	5.70	0.50	0.53	0.61	0.55	0.64	− 7	+ 7	− 4	+ 1	− 2	−13	− 4	−11	+ 6	−17	3	0.03
24560		05 16 10.56	−11 21 09.2	6.45		H	79.043 995 35	−11.352 564 15		3.89	−0.30	4.45	0.68	0.53	0.82	0.73	0.59	−28	+31	− 8	+41	−36	− 6	−40	+24	−19	−25	2	2.20
*24561		05 16 10.62	+10 11 28.7	9.25		H	79.044 265 27	+10.191 317 32		4.17	8.17	3.20	1.13	0.74	1.30	1.23	0.88	+ 9	+38	+ 6	+ 1	+25	+ 0	+16	+31	− 5	+28	0	0.72
*24562		05 16 10.62	−35 48 46.4	8.72		H	79.044 263 07	−35.812 891 53		1.88	20.23	23.13	0.63	0.76	0.87	0.77	1.05	−14	+15	+ 2	−10	− 2	+ 9	− 3	−13	− 1	− 8	0	1.67
24563		05 16 11.41	+01 45 25.1	7.59		H	79.047 539 85	+01.756 980 09		3.38	6.47	−3.57	0.84	0.60	0.96	1.06	0.74	+25	+25	−16	+18	+ 3	− 3	+ 1	+28	− 5	+35	0	0.89
24564		05 16 11.55	−41 04 22.8	7.91		H	79.048 119 55	−41.072 995 07		13.04	−77.83	58.49	0.54	0.62	0.68	0.56	0.71	− 5	+15	+ 0	− 5	+ 3	−10	+ 3	−12	− 1	−15	1	0.02
24565		05 16 12.63	+42 45 22.9	8.00		H	79.052 616 51	+42.756 347 74		3.23	−10.57	−4.52	0.91	0.63	1.03	1.07	0.70	+20	+20	−13	+16	+ 2	+ 0	− 1	+33	−11	+32	0	2.59
24566	H	05 16 14.09	−30 57 08.2	8.65		G	79.058 711 62	−30.952 282 88	A	8.70	−4.00	−50.11	1.33	1.69	1.78	1.26	1.67	+ 3	+14	− 6	−16	− 6	+13	− 6	−12	+10	+ 3	1	−0.35
24567	H	05 16 14.54	−03 28 59.2	7.76		G	79.060 563 59	−03.483 117 34	B	3.23	−3.89	2.06	2.22	1.39	1.78	1.71	0.87	− 2	+ 3	−11	− 8	−40	− 4	−34	−16	− 2	− 3	0	0.68
24568		05 16 14.63	+65 12 28.7	9.12		H	79.060 951 65	+65.207 984 34		−0.14	3.13	1.70	0.69	0.80	1.28	0.82	0.93	−14	+22	− 7	− 3	+34	−13	+34	+ 2	+13	− 1	0	0.98
24569		05 16 14.94	−68 08 00.5	8.86		G	79.062 253 26	−68.133 468 85		2.13	−0.17	13.22	0.84	0.85	0.87	0.90	1.06	−18	+26	− 9	−17	+ 7	− 5	+12	+ 4	+ 8	−29	3	−0.77
24570		05 16 15.17	+03 29 22.8	9.88		H	79.063 205 81	+03.489 680 19		2.64	−15.68	−3.77	1.91	1.17	2.21	2.58	1.44	+ 2	+39	−12	+11	+ 8	+20	+ 0	+27	−18	+14	0	0.62
24571		05 16 15.33	+29 21 24.1	9.35		H	79.063 889 20	+29.356 680 89		3.38	23.09	−18.33	1.67	0.81	1.89	1.75	0.89	− 8	+62	−16	+ 9	− 5	+ 9	−18	+44	−27	− 2	5	0.70
24572	H	05 16 15.43	−51 16 47.5	8.95		H	79.064 284 98	−51.279 848 74	*	6.75	52.17	91.45	0.75	0.85	0.87	0.89	1.09	− 9	−11	− 8	+ 7	−14	− 6	−14	− 5	− 3	− 1	1	1.80
24573		05 16 17.39	−29 26 19.3	8.69		H	79.072 440 68	−29.438 700 77		10.45	−47.60	−114.67	0.71	0.75	1.05	0.78	0.96	+ 2	+33	− 3	+ 7	+ 9	+ 5	− 1	+ 9	−27	+13	2	1.30
24574		05 16 17.54	+19 17 43.1	9.30		H	79.073 089 14	+19.295 298 85		6.86	−3.21	−23.77	2.24	1.38	2.73	2.37	1.52	−19	+54	−48	−32	+68	−38	+11	+58	−51	+38	0	0.73
24575		05 16 18.15	+34 18 44.0	5.99	2	H	79.075 635 40	+34.312 211 88		2.24	−4.05	43.22	0.68	0.43	0.74	0.66	0.44	+10	+42	−19	+17	+23	+ 1	+14	+41	− 8	+33	2	0.90
24576		05 16 19.77	−33 03 58.2	8.23		H	79.082 393 98	−33.066 171 40		7.31	−13.97	−12.24	0.59	0.64	0.84	0.66	0.90	+ 2	+24	+ 2	− 2	− 1	+ 6	− 8	+ 4	−25	+13	0	1.11
24577		05 16 23.85	−33 32 16.0	6.95		H	79.099 383 25	−33.537 788 52		5.26	−13.39	−14.29	0.52	0.56	0.70	0.62	0.74	− 6	+22	− 5	+10	+ 7	+ 7	+ 3	+14	−18	+ 1	0	−0.12
24578		05 16 24.13	−32 30 48.6	7.07		H	79.100 534 20	−32.513 493 83		16.30	30.50	−16.52	0.46	0.52	0.66	0.49	0.63	− 7	+10	+ 3	+10	− 6	+22	−10	− 4	−17	−12	2	−0.01
24579		05 16 24.33	+27 51 08.5	9.28		H	79.101 389 76	+27.852 373 02		6.95	0.23	2.49	1.34	0.74	1.47	1.56	0.77	− 6	+18	−15	− 6	+21	+ 4	+12	+23	−19	+12	0	0.65
24580	H	05 16 24.69	−01 38 31.3	7.88		H	79.102 885 95	−01.642 023 64	*	3.56	5.00	4.01	0.82	0.51	1.03	0.96	0.57	−19	+39	−18	− 1	−18	+ 6	−21	+ 6	−22	−21	2	1.06
24581		05 16 25.34	+27 06 29.0	8.89		H	79.105 598 14	+27.108 065 80		6.09	8.07	−33.96	1.35	0.79	1.52	1.49	0.82	+ 8	+28	−25	+ 6	+25	− 2	+14	+37	−18	+33	0	−0.77
24582		05 16 25.42	−23 03 32.7	7.17		H	79.105 919 01	−23.059 075 14		5.87	41.46	31.35	0.52	0.66	0.92	0.64	0.89	+ 0	− 8	−10	−25	−12	+16	−12	− 6	+ 3	− 6	0	1.15
24583		05 16 27.20	+39 51 31.0	8.93		H	79.113 341 93	+39.858 621 84		19.37	−1.04	−183.91	1.45	0.88	1.57	1.54	0.96	−15	+47	−21	+35	−15	+13	−19	+54	−19	− 8	0	−0.34
24584		05 16 27.95	+07 17 38.1	12.17		G	79.116 475 20	+07.293 914 11		2.43	−4.36	−3.31	3.91	2.35	4.42	4.26	2.61	+ 8	+43	+ 2	+27	− 5	− 9	− 7	+46	− 7	+21	0	2.26
24585		05 16 28.59	−29 51 58.3	9.23		H	79.119 113 14	−29.866 185 07		11.37	109.86	−33.13	0.72	0.96	1.17	0.89	1.16	−10	+ 9	+14	− 6	− 5	−14	+ 0	+25	− 6	−20	0	−0.24
24586		05 16 28.60	−28 08 19.6	7.97	1	H	79.119 183 62	−28.138 775 70		1.70	3.71	−17.53	0.57	0.66	0.90	0.69	0.80	−12	+ 8	+ 3	−18	− 4	+10	− 3	− 1	−10	−25	1	0.72
24587		05 16 28.96	+36 04 18.6	7.22		H	79.120 674 02	+36.071 839 42		6.26	−0.77	−6.65	0.87	0.53	0.96	0.95	0.57	+10	+39	−25	− 1	+14	+ 4	+ 2	+36	−10	+45	0	−1.57
24588		05 16 29.08	+03 12 19.7	8.50		H	79.121 156 12	+03.205 458 49		2.76	−5.31	−8.53	1.33	0.84	1.62	1.64	1.04	+ 9	+40	−15	+28	+20	+23	+ 6	+39	−31	+17	3	1.02
24589		05 16 29.64	−51 28 33.5	8.14		H	79.123 512 90	−51.475 977 32		7.61	−21.42	−25.41	0.56	0.65	0.65	0.62	0.78	− 7	− 9	+ 2	+ 3	−10	+ 1	−10	−10	− 2	− 5	0	0.45
*24590		05 16 30.29	−37 34 21.8	8.35		H	79.126 224 84	−37.572 727 07		4.25	11.06	33.32	0.59	0.71	0.78	0.63	0.83	+ 1	− 6	+ 3	− 3	−14	+13	−16	− 2	+ 5	− 9	1	2.81
*24591		05 16 30.25	+14 08 48.8	9.25		H	79.126 039 60	+14.146 900 19		9.68	1.69	−9.62	1.38	0.89	1.49	1.61	0.99	+13	+45	− 8	+16	+29	− 3	+24	+47	− 1	+12	3	−0.75
24592	H	05 16 30.54	−21 06 00.3	7.80		H	79.127 261 37	−21.100 073 75	*	7.26	−5.05	15.04	1.14	1.50	1.15	1.04	1.11	+21	+11	−14	+26	− 7	+ 0	−11	+20	−16	+ 4	1	0.28
24593		05 16 32.56	+28 11 24.3	8.51		H	79.135 658 50	+28.190 093 06		1.76	1.70	−6.82	1.13	0.68	1.23	1.42	0.75	+ 3	+25	−16	− 4	+21	− 4	+ 9	+40	−15	+22	0	0.18
24594	H	05 16 33.00	+42 40 03.4	8.07		H	79.137 519 09	+42.667 608 92	A	5.70	−8.55	11.00	1.54	1.11	1.60	1.51	1.12	+ 7	+37	−19	+ 8	+ 9	+12	+ 2	+36	− 7	+35	2	0.10
24595		05 16 33.52	−62 42 02.5	8.27		H	79.139 662 44	−62.700 702 66		3.19	16.70	−3.41	0.65	0.68	0.69	0.79	0.93	− 5	+ 3	−10	−15	−12	+ 4	− 9	+ 1	+11	−24	0	0.75
24596		05 16 34.31	−05 03 41.1	8.91		H	79.142 939 39	−05.061 422 73		2.20	1.08	−0.92	0.91	0.63	1.12	0.97	0.69	− 6	+35	− 7	+ 7	−22	+ 1	−28	+ 5	−24	−11	0	0.21
24597		05 16 35.06	−42 30 52.7	8.28		H	79.146 074 34	−42.514 626 22		21.26	14.90	92.57	0.61	0.70	0.75	0.67	0.91	+ 1	+ 0	−17	−17	− 4	+13	− 1	−23	+ 6	+12	0	0.52
24598		05 16 35.40	−25 19 55.2	7.80		H	79.147 495 20	−25.332 000 50		4.84	6.45	15.04	0.41	0.60	0.83	0.49	0.90	− 4	+ 4	−13	−28	− 3	+ 7	− 5	+ 0	−27	− 3	1	1.89
24599		05 16 36.06	−07 12 11.3	7.42		H	79.150 264 54	−07.203 141 24		8.81	32.48	19.65	0.87	0.61	1.02	0.95	0.68	−22	+31	−14	+48	−29	− 1	−33	+35	−20	−16	0	0.94
24600		05 16 36.49	−06 35 21.0	9.58		H	79.152 044 49	−06.589 161 46		3.03	0.20	−0.51	1.11	0.88	1.40	1.32	0.96	−13	+19	+12	+31	−38	−30	−35	+24	− 7	−10	4	2.11

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
24501	10.712	0.057	10.123	0.051		0.641	0.155	G	0.40	0.07	B	10.1297	0.0066	0.039	65		10.06	10.18		R	05154+3021	I 2	1 S						G
24502	8.349	0.034	7.917	0.039	C	0.410	0.040	G	0.48	0.04	R	7.8585	0.1174			C				D	05154+3242	I 2	1 C I D						S D
24503	8.367	0.009	7.759	0.008		0.567	0.011	T	0.64	0.01	L	7.8398	0.0010	0.010	140		7.82	7.86		C			1						S
24504	5.261	0.003	5.028	0.003	A	0.222	0.004	T	0.24	0.01	L	5.0760	0.0095	0.020	93	A	5.05	5.12		D	05154+3242	I 2	1 C P D						S W
24505	4.969	0.002	5.047	0.002		−0.067	0.002	T	−0.04	0.00	L	5.0438	0.0004	0.004	163		5.04	5.05		C			1						S
24506	8.373	0.009	7.992	0.009		0.394	0.015	G	0.46	0.02	H	8.0399	0.0017	0.014	99		8.02	8.07		C			1						S
24507	6.681	0.004	6.517	0.005		0.150	0.006	T	0.17	0.01	L	6.5386	0.0006	0.007	114		6.52	6.56		D			1						S
24508	9.292	0.019	9.122	0.023		0.155	0.028	T	0.17	0.03	L	9.1801	0.0026	0.014	56		9.16	9.20		C			1						
24509	9.926	0.023	8.709	0.015		1.040	0.021	T	1.01	0.02	L	8.7531	0.0016	0.015	90		8.72	8.77		C			1						
24510	8.975	0.013	8.427	0.012		0.548	0.015	G	0.62	0.01	H	8.4830	0.0016	0.012	89		8.47	8.51		C			1						
24511	11.254	0.082	10.743	0.085		0.601	0.100	G	0.67	0.09	R	10.8244	0.0059	0.033	63		10.76	10.87		C			1						G
24512	6.360	0.004	6.277	0.004		0.075	0.005	T	0.09	0.01	L	6.2937	0.0014	0.006	65		6.28	6.30			05155+2217	I 1	1						S
24513	9.895	0.022	8.624	0.013		1.082	0.020	T	1.04	0.02	L	8.6890	0.0014	0.014	105		8.67	8.71		C			1						
24514	10.340	0.029	9.698	0.025		0.596	0.033	T	0.67	0.03	L	9.7504	0.0217	0.174	142		9.61	10.07	0.67	P 1 A			1						
24515	8.979	0.017	8.701	0.018		0.244	0.017	G	0.27	0.02	H	8.7493	0.0018	0.013	70		8.72	8.78		C			1						
24516	8.713	0.012	8.481	0.014		0.216	0.018	T	0.24	0.02	L	8.5331	0.0019	0.013	70		8.51	8.55		C			1						
24517	10.945	0.044	9.344	0.019		1.341	0.038	T	1.31	0.04	L	9.3255	0.0019	0.020	108		9.29	9.36		C			1						
24518	8.232	0.015	8.139	0.017		0.091	0.021	T	0.10	0.02	L	8.2074	0.0014	0.011	49		8.19	8.22		C			1						S
24519	8.881	0.009	8.578	0.010		0.289	0.014	T	0.33	0.02	L	8.6291	0.0014	0.018	170		8.59	8.66					1						S
24520	8.049	0.009	6.591	0.005		1.213	0.004	G	1.16	0.04	E	6.6293	0.0009	0.009	112		6.62	6.64					1						S
24521	9.683	0.016	8.415	0.010		1.080	0.015	T	1.04	0.01	L	8.4808	0.0017	0.019	167		8.45	8.51		C			1						
24522	10.184	0.048	8.594	0.023		1.333	0.042	T	1.30	0.05	L	8.5403	0.0024	0.012	53		8.52	8.55		C			1						
24523						1.242	0.010	G	1.40	0.01	I	11.1675	0.0042	0.040	127		11.10	11.22		C			1						G
24524	10.947	0.067	10.381	0.062		0.534	0.068	T	0.61	0.07	L	10.5130	0.0037	0.026	61		10.47	10.56		C			1						G
24525	9.691	0.019	9.333	0.020		0.339	0.026	T	0.40	0.04	L	9.3852	0.0022	0.024	134		9.35	9.43		C			1						
24526	8.807	0.011	7.978	0.009		0.747	0.011	T	0.79	0.01	L	8.0416	0.0012	0.012	107		8.02	8.06					1 O						S
24527	9.771	0.026	9.036	0.022		0.673	0.027	T	0.73	0.02	L	9.0975	0.0026	0.017	66		9.07	9.13		C			1						
24528	6.941	0.005	6.787	0.005		0.140	0.007	T	0.15	0.01	L	6.8113	0.0011	0.011	126		6.79	6.83					1						S
24529	7.693	0.008	7.518	0.009		0.189	0.015	G	0.21	0.02	H	7.5424	0.0017	0.015	87		7.52	7.56					1						S
24530	8.736	0.007	8.431	0.007		0.291	0.011	T	0.33	0.01	L	8.4846	0.0012	0.020	235		8.45	8.52					1						S
24531	9.099	0.016	8.775	0.018		0.311	0.026	T	0.36	0.04	L	8.8491	0.0022	0.013	65		8.83	8.88		C			1						
24532	6.846	0.004	6.672	0.004		0.153	0.005	G	0.17	0.03	C	6.7054	0.0008	0.007	120		6.69	6.72		C			1 G						S
24533	9.806	0.029	9.272	0.028		0.501	0.036	T	0.57	0.04	L	9.3067	0.0020	0.013	66		9.28	9.33		C			1						
24534	9.293	0.014	8.731	0.013		0.530	0.014	T	0.60	0.01	L	8.7951	0.0022	0.017	120		8.77	8.83					1						
24535	8.575	0.013	8.129	0.013		0.554	0.015	G	0.63	0.01	H	8.1798	0.0012	0.008	65		8.17	8.20					1						
24536	9.741	0.023	8.001	0.010		1.451	0.020	T	1.45	0.03	L	7.9758	0.0016	0.013	104		7.95	8.00		C			1						S
24537	9.333	0.022	8.775	0.020	*	0.527	0.022	T	0.60	0.02	L	* 8.7109	0.0032	0.015	53	*	8.68	8.74		D	05159+0345	I 1	2 C B	AB	93	1.015	0.009	0.01	0.03	
24538	8.293	0.010	7.725	0.011		0.551	0.015	G	0.62	0.01	H	7.7910	0.0017	0.011	91		7.78	7.81		D	05159+3425	I 2	1						S
24539											T	7.8948	0.0175	0.238	82		7.78	8.86		D	05159+3425	I 2	S						G
24540	7.883	0.009	7.622	0.011		0.249	0.013	T	0.28	0.02	L	7.6677	0.0017	0.010	73		7.65	7.68		C			1						
24541	8.810	0.012	8.312	0.011		0.500	0.015	G	0.57	0.02	H	8.3372	0.0008	0.011	95		8.32	8.35					1						S
24542	10.593	0.034	9.692	0.025		0.786	0.033	T	0.82	0.02	L	9.7861	0.0027	0.026	127		9.74	9.83					1						
24543	11.181	0.088	10.436	0.075		0.681	0.092	T	0.74	0.08	L	10.3768	0.0032	0.022	64		10.34	10.41		C			1 G						G
24544	10.814	0.043	9.418	0.020		1.180	0.037	T	1.14	0.03	L	9.4358	0.0015	0.019	142		9.40	9.47					1						
24545	10.781	0.037	9.266	0.017		1.274	0.032	T	1.23	0.03	L	9.3248	0.0020	0.024	163		9.28	9.37		C			1 S						
24546	10.623	0.056	10.009	0.049		0.572	0.065	T	0.64	0.06	L	9.9716	0.0026	0.023	69		9.94	10.01		C			1						G
24547	8.786	0.013	8.597	0.015		0.181	0.019	T	0.20	0.02	L	8.6326	0.0025	0.014	74		8.61	8.66					1						
24548	11.011	0.066	10.475	0.069		0.581	0.070	T	0.56	0.07	L	10.4551	0.0084	0.058	59		10.40	10.55		U			1						
24549	10.622	0.054	8.774	0.019		1.569	0.047	T	3.67	0.05	O	8.1237	0.0118	0.101	84		8.03	8.34		U 2 C			1 S						P
24550	10.293	0.033	9.048	0.020		1.062	0.030	T	1.03	0.03	L	9.0733	0.0016	0.016	81		9.05	9.10		C			1						
24551	9.557	0.018	9.012	0.017		0.517	0.018	T	0.59	0.02	L	9.0717	0.0020	0.017	123		9.04	9.11		C			1 S						
24552	10.198	0.031	9.883	0.036		0.299	0.044	T	0.34	0.06	L	9.9899	0.0155	0.163	79		9.87	10.64		U 2 C			1						G P
24553	7.863	0.010	7.866	0.012		−0.005	0.002	G	0.02	0.00	H	7.8821	0.0014	0.011	86		7.86	7.91		C			1						S
24554	8.971	0.013	8.480	0.012		0.474	0.014	T	0.55	0.01	L	8.5295	0.0015	0.013	102		8.51	8.56		C			1						S
24555	5.508	0.004	5.523	0.004		−0.012	0.005	T	0.01	0.01	L	5.5245	0.0007	0.005	64		5.52	5.53		C			1						S
24556	9.824	0.023	9.569	0.027		0.243	0.033	T	0.27	0.04	L	9.6343	0.0025	0.021	111		9.60	9.67					1						
24557	9.917	0.029	9.558	0.032		0.340	0.040	T	0.40	0.05	L	9.5148	0.0027	0.020	72		9.49	9.54		C			1 G						G
24558	11.778	0.156	10.614	0.082		1.090	0.015	G	1.16	0.02	I	10.6316	0.0038	0.023	62		10.59	10.68					1						G
24559	9.243	0.014	7.380	0.006		1.549	0.012	T	1.61	0.03	L	7.3204	0.0010	0.011	128		7.30	7.34					1						S
24560	7.263	0.006	6.532	0.006		0.670	0.007	T	0.73	0.01	L	6.5831	0.0008	0.007	88		6.57	6.59		C			1						S
24561	9.782	0.029	9.327	0.030		0.429	0.038	T	0.50	0.04	L	9.3436	0.0022	0.013	58		9.33	9.37		C			1						
24562	10.599	0.039	8.831	0.016		1.473	0.033	T	1.49	0.05	L	8.8452	0.0019	0.020	112		8.81	8.89		R			1						
24563	9.144	0.016	7.719	0.009		1.203	0.014	T	1.16	0.01	L	7.7510	0.0009	0.009	75		7.73	7.77					1						
24564	8.953	0.011	8.023	0.009		0.822	0.011	T	0.84	0.01	L	8.0684	0.0011	0.012	131		8.05	8.09			05162−4104	I 1	1						S
24565	8.105	0.013	8.016	0.015		0.087	0.019	T	0.10	0.02	L	8.0374	0.0015	0.011	63		8.02	8.06					1						S
24566	9.490	0.014	8.803	0.013	*	0.593	0.015	G	0.66	0.01	H	* 8.7575	0.0015	0.021	138	*	8.71	8.79		D	05162−3057	I 1	2 C A	AB	123	1.012	0.005	1.03	0.03	
24567	7.914	0.009	7.814	0.011	*	0.095	0.002	G	0.11	0.00	H	* 7.8015	0.0009	0.009	123	*	7.79	7.82		D	05162−0329	I 1	2 C A	BA	80	0.619	0.004	0.08	0.01	S
24568	10.831	0.041	9.267	0.017		1.312	0.035	T	1.27	0.04	L	9.2803	0.0018	0.022	170		9.24	9.33					1						
24569	9.169	0.015	8.906	0.017		0.267	0.013	G	0.30	0.02	H	8.9189	0.0025	0.020	99		8.89	8.96					1						G
24570	10.156	0.041	9.814	0.047		0.331	0.069	T	0.39	0.09	L	9.9577	0.0028	0.023	50		9.93	10.00		C			1						G
24571	9.994	0.030	9.397	0.027		0.557	0.036	T	0.63	0.03	L	9.4704	0.0021	0.016	70		9.44	9.51		C			1						G
24572	10.248	0.026	9.097	0.016	*	0.989	0.024	T	0.97	0.02	L	* 9.1181	0.0021	0.018	101	*	9.09	9.15		C	05163−5117	H 1	2 C S B	AB	34	0.164	0.033	1.57	0.76	
24573	9.329	0.014	8.769	0.013		0.529	0.014	T	0.60	0.01	L	8.8107	0.0022	0.020	140		8.78	8.85					1						
24574	9.834	0.031	9.325	0.030		0.478	0.039	T	0.55	0.04	L	9.4102	0.0029	0.016	55		9.38	9.43		C			1						
24575	6.232	0.004	6.017	0.004		0.199	0.006	T	0.22	0.01	L	6.0534	0.0018	0.017	84		6.02	6.09		U 2 C	05163+3419	I 1	1						S
24576	8.554	0.010	8.247	0.011		0.293	0.016	T	0.33	0.02	L	8.2997	0.0014	0.014	142		8.28	8.32		C			1						S
24577	8.217	0.009	7.063	0.006		0.991	0.008	T	0.97	0.01	L	7.1203	0.0013	0.011	114		7.10	7.14					1						S
24578	7.707	0.006	7.137	0.005		0.537	0.006	T	0.61	0.01	L	7.1853	0.0008	0.009	138		7.17	7.20		C			1						S
24579	9.817	0.028	9.322	0.028		0.466	0.036	T	0.54	0.04	L	9.3786	0.0025	0.016	78		9.35	9.40		C			1						
24580	7.916	0.009	7.882	0.009	*	0.031	0.011	T	0.05	0.01	L	* 7.8981	0.0014	0.010	103	*	7.88	7.91		C	05164−0139	I 1	2 C S A	AB	162	0.172	0.005	0.79	0.20	
24581	10.367	0.041	9.003	0.022		1.155	0.036	T	1.12	0.03	L	9.0599	0.0021	0.020	69		9.03	9.09					1						
24582	8.488	0.009	7.279	0.007		1.034	0.009	T	1.01	0.01	L	7.3331	0.0013	0.012	135		7.31	7.35					1						S
24583	9.846	0.027	8.977	0.021		0.761	0.026	T	0.80	0.02	L	9.0679	0.0020	0.019	77		9.04	9.12		C			1						
24584						1.293	0.007	G	1.42	0.15	K	12.3594	0.0088	0.076	76		12.26	12.47					1						G
24585	10.033	0.020	9.264	0.017		0.685	0.020	T	0.74	0.02	L	9.3610	0.0021	0.021	141		9.32	9.42					1						
24586	10.081	0.020	8.167	0.009		1.589	0.017	T	1.61	0.02	L	8.0855	0.0023	0.021	152		8.05	8.12		U			1						S
24587	7.414	0.007	7.248	0.008		0.159	0.010	T	0.18	0.01	L	7.2749	0.0010	0.007	84		7.27	7.29					1						S
24588	8.659	0.014	8.507	0.016		0.138	0.020	T	0.15	0.02	L	8.5554	0.0019	0.011	50		8.54	8.58					1						
24589	8.545	0.009	8.182	0.010		0.354	0.012	T	0.42	0.01	L	8.2208	0.0015	0.013	105		8.20	8.24		C			1						S
24590	8.753	0.011	8.368	0.011		0.364	0.014	T	0.43	0.01	L	8.4321	0.0013	0.015	117		8.40	8.45					1						S
24591	9.772	0.034	9.289	0.034		0.467	0.037	T	0.54	0.04	L	9.3507	0.0023	0.014	58		9.33	9.39		C			1						
24592	8.045	0.006	7.827	0.008	*	0.202	0.010	T	0.22	0.01	L	* 7.8678	0.0013	0.013	175	*	7.85	7.90		D	05165−2106	I 1	2 C A	AB	227	0.296	0.009	1.74	0.08	S
24593	10.152	0.027	8.686	0.015		1.235	0.024	T	1.19	0.02	L	8.6775	0.0018	0.016	86		8.66	8.70		D			1						
24594	8.513	0.015	8.136	0.015	A	0.355	0.107	G	0.38	0.05	L	* 8.1548	0.0012	0.011	63	*	8.14	8.18		D	05166+4240	I 1	2 C D	AB	126	5.695	0.028	3.21	0.11	S D
24595	9.985	0.026	8.415	0.013		1.317	0.023	T	1.28	0.03	L	8.4272	0.0012	0.014	104		8.41	8.45		C			1						
24596	9.029	0.014	8.921	0.016		0.090	0.015	G	0.10	0.02	H	8.9478	0.0015	0.019	114		8.92	8.98					1						
24597	9.096	0.013	8.359	0.011		0.660	0.013	T	0.72	0.01	L	8.4134	0.0016	0.011	108		8.40	8.43		C			1						S
24598	8.049	0.007	7.823	0.007		0.216	0.009	T	0.24	0.01	L	7.8623	0.0011	0.013	183		7.84	7.89					1						S
24599	7.756	0.010	7.447	0.009		0.300	0.015	G	0.34	0.02	H	7.4926	0.0014	0.011	79		7.48	7.51		C			1						S
24600	9.795	0.029	9.595	0.036		0.191	0.043	T	0.21	0.05	L	9.6422	0.0016	0.016	84		9.61	9.67		D			1						

Number		Descriptor: epoch J1991.25					Position: epoch J1991.25			Par.	Proper Motion		Standard Errors					Astrometric Correlations (%)										Soln	
HIP 1	2	RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	α (ICRS) deg 8	δ deg 9	10	π mas 11	$\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	$\alpha*$ mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	δ $\alpha*$ 19	π $\alpha*$ 20	π δ 21	$\mu_{\alpha*}$ $\alpha*$ 22	$\mu_{\alpha*}$ δ 23	$\mu_{\alpha*}$ π 24	μ_δ $\alpha*$ 25	μ_δ δ 26	μ_δ π 27	μ_δ $\mu_{\alpha*}$ 28	F1 % 29	F2 30
24601		05 16 37.27	−30 22 01.2	8.91		H	79.155 271 89	−30.367 011 62		8.58	21.79	24.96	0.57	0.81	0.96	0.61	0.93	−2	+4	+8	+10	−3	+7	−4	+16	−14	−8	0	0.72
24602		05 16 37.34	+21 13 57.1	10.32		G	79.155 589 10	+21.232 524 32		8.68	53.11	−26.94	2.08	1.36	2.33	2.63	1.45	+14	+37	−30	+19	+32	−17	+17	+60	−17	+34	0	0.24
24603		05 16 37.82	−45 54 49.6	7.02	1	H	79.157 582 38	−45.913 774 67		3.78	1.16	16.81	0.55	0.54	0.60	0.61	0.69	−17	+6	−12	−26	+7	+3	+10	−11	+17	−21	1	−0.98
24604		05 16 38.57	−00 08 23.6	10.55		H	79.160 688 59	−00.139 882 93		0.67	−5.10	2.98	1.80	1.33	2.41	2.18	1.60	+17	+29	−25	+3	+17	−2	+3	+37	−30	+40	2	1.36
24605	H	05 16 40.03	+39 02 44.9	8.79		G	79.166 780 42	+39.045 794 29	A	3.22	3.23	−10.88	1.61	1.06	1.61	1.84	1.07	−2	+13	−20	+1	+3	+8	+0	+26	−6	+19	0	−1.01
24606		05 16 40.09	+10 47 07.2	10.09		H	79.167 034 18	+10.785 320 02		2.02	−12.15	8.13	1.69	1.11	1.96	1.95	1.32	+9	+30	+3	−3	+34	+5	+21	+23	−24	+16	0	1.76
24607		05 16 41.05	+01 56 50.4	6.42		G	79.171 026 59	+01.947 344 47		5.36	−10.86	−6.61	0.80	0.58	0.91	0.95	0.70	+30	+31	−11	+23	+8	−6	+4	+33	−10	+41	0	0.04
24608		05 16 41.30	+45 59 56.5	0.08	1	G	79.172 065 17	+45.999 029 27	+	77.29	75.52	−427.13	0.80	0.51	0.89	0.77	0.50	+27	+51	+13	+6	−1	+1	−7	+3	−12	+16	2	3.79
24609		05 16 42.48	+17 01 12.1	8.12		G	79.177 008 46	+17.020 030 01		10.53	−5.17	−13.01	1.00	0.73	1.05	1.33	0.83	+17	+19	−4	+29	+18	−20	+17	+65	−7	+14	0	−0.06
24610		05 16 42.92	+53 27 52.8	8.07		H	79.178 828 41	+53.464 657 32		6.04	−8.00	−16.10	1.00	0.76	1.26	1.16	0.77	+1	+28	−18	+15	−18	+25	−14	+20	−8	+6	0	−1.11
24611		05 16 43.84	−00 53 20.0	8.63		H	79.182 680 04	−00.888 879 74		3.15	−3.06	−2.08	0.91	0.73	1.26	1.13	0.83	+10	+16	−38	+21	+28	−18	+13	+51	−39	+29	0	0.77
24612	H	05 16 43.88	+18 26 22.4	7.16		G	79.182 831 29	+18.439 543 08	A	2.97	1.42	−3.49	2.49	1.74	2.37	2.52	1.73	−11	+42	−27	+3	+21	−6	+4	+37	−20	+28	4	3.78
24613		05 16 46.70	−40 00 32.0	9.72		H	79.194 581 33	−40.008 898 06		3.90	18.05	23.82	0.82	0.98	1.08	0.86	1.12	+0	+2	−18	−3	−17	+25	−12	−29	+15	+8	1	0.35
24614		05 16 47.19	−49 35 58.6	7.92		H	79.196 624 74	−49.599 622 33		3.30	17.57	−0.86	0.53	0.65	0.65	0.58	0.73	−4	+6	−16	+5	−10	+8	−8	−12	+15	−2	1	0.83
24615		05 16 47.46	+19 18 08.0	8.88		H	79.197 769 30	+19.302 225 02		8.94	3.45	24.18	1.71	1.14	2.06	1.88	1.28	−11	+50	−45	−26	+65	−35	+11	+63	−50	+46	3	3.22
24616	H	05 16 47.90	−05 09 05.2	8.27		H	79.199 570 83	−05.151 448 24	*	4.82	−12.78	−2.99	0.88	0.61	1.09	0.94	0.68	+0	+36	−5	+0	−22	+0	−27	+3	−23	−4	0	0.59
24617		05 16 48.22	−48 38 26.7	7.96		G	79.200 901 25	−48.640 737 24		7.63	22.76	−24.92	0.65	0.74	0.76	0.81	0.97	+5	+10	−14	−1	−15	+9	−10	−19	+18	+14	0	−1.81
24618		05 16 48.26	−17 08 32.5	6.55		H	79.201 095 43	−17.142 351 56		2.25	1.32	5.18	0.52	0.51	0.72	0.56	0.60	+13	+23	−15	−8	−27	−7	−31	−7	−4	−14	0	0.19
24619		05 16 49.36	+20 07 06.0	7.62		H	79.205 658 69	+20.118 342 55		4.28	11.15	−18.86	1.19	0.93	1.24	1.58	1.04	+48	+22	−24	+32	+54	−33	+41	+76	−32	+55	0	1.34
24620		05 16 49.56	+36 26 47.0	8.82		H	79.206 489 88	+36.446 387 14		4.68	−8.90	1.17	1.17	0.68	1.31	1.39	0.73	+0	+35	−23	+3	−2	+17	−5	+36	−4	+23	0	−1.59
24621		05 16 49.56	−24 35 29.4	9.13	2	H	79.206 506 99	−24.591 487 37		1.74	4.37	−0.88	0.58	1.08	1.54	0.72	1.60	−21	+7	+0	+12	−12	+1	−14	+7	−16	−27	0	0.86
24622		05 16 52.12	+12 24 33.9	8.07		H	79.217 151 56	+12.409 415 68		4.67	9.42	−28.68	0.92	0.63	1.05	1.02	0.72	+12	+39	−19	+12	+31	−5	+17	+42	−12	+45	0	0.01
24623		05 16 52.97	+42 40 38.9	8.18		H	79.220 688 73	+42.677 458 85		4.12	−19.52	−5.21	1.10	0.71	1.24	1.25	0.78	+14	+29	−14	+25	+15	−1	+11	+37	−5	+32	0	2.56
24624		05 16 54.28	−48 11 29.2	7.58		H	79.226 153 61	−48.191 439 28		2.78	4.58	−19.04	0.57	0.61	0.66	0.64	0.77	−20	+23	−29	−14	+4	+9	+12	−22	+20	−4	0	−0.26
24625		05 16 54.34	+04 39 49.6	8.68	2	H	79.226 404 49	+04.663 771 48		0.40	1.41	−7.19	1.15	0.78	1.34	1.58	0.94	+20	+15	−4	+24	+0	+5	+1	+35	−5	+26	0	0.55
24626		05 16 54.38	−52 27 09.7	8.19		G	79.226 596 06	−52.452 694 92		5.23	−15.94	−1.00	0.59	0.68	0.68	0.65	0.77	−3	+22	+1	+11	−13	+14	−16	−6	−12	−12	1	−0.71
24627		05 16 56.73	−06 56 10.9	8.49		G	79.236 357 94	−06.936 353 56		3.78	1.47	0.15	0.88	0.65	1.11	1.01	0.74	−11	+25	−4	+35	−17	−17	−21	+27	−15	−9	0	1.12
24628		05 16 58.86	+54 10 25.7	7.73		H	79.245 270 53	+54.173 802 72		6.35	9.56	−3.65	0.81	0.63	0.95	0.88	0.59	+29	+18	−8	−11	−24	+16	−19	−8	+5	+33	0	−0.74
24629		05 17 00.24	−31 16 37.5	7.47		G	79.250 993 31	−31.277 074 79		20.13	6.17	160.28	0.53	0.56	0.74	0.62	0.63	+0	+16	−5	−6	−8	+22	−6	+1	−4	−13	1	−1.17
24630		05 17 01.21	−14 57 20.4	9.41		G	79.255 034 13	−14.955 672 18		−2.49	−1.53	14.21	1.06	1.13	1.58	0.97	1.21	−18	+36	−36	+12	−29	+5	−39	−3	−19	−15	0	2.82
24631		05 17 01.85	+84 12 41.6	8.47		H	79.257 718 40	+84.211 563 29		1.51	16.72	5.66	0.59	0.67	0.78	0.65	0.72	+3	+11	−3	+18	+5	+18	+7	+4	−3	+16	0	0.19
24632		05 17 05.30	+09 55 38.3	7.48		G	79.272 086 98	+09.927 293 05		5.33	2.34	−5.79	0.84	0.56	0.96	0.89	0.65	+32	+44	−1	+6	+31	−1	+14	+40	−19	+49	0	−1.18
24633		05 17 05.43	+12 33 55.8	7.05		H	79.272 625 08	+12.565 511 14		5.68	11.88	−9.98	0.89	0.61	0.99	0.94	0.69	+13	+44	−13	+18	+30	−5	+16	+47	−12	+42	0	−0.67
24634		05 17 05.61	+16 21 06.0	7.43		H	79.273 366 51	+16.351 655 23		5.37	4.92	−27.56	1.07	0.64	1.20	1.26	0.72	+10	+52	−16	−6	+31	−15	+11	+53	−18	+29	3	1.98
24635		05 17 09.83	−02 34 47.7	9.11		H	79.290 965 83	−02.579 909 11		3.94	−1.36	1.61	1.06	0.65	1.25	1.20	0.62	−13	+37	−16	−11	−47	−2	−42	−8	−13	−17	0	2.57
24636		05 17 11.66	−01 57 45.1	8.31		G	79.298 596 97	−01.962 533 03		5.39	14.24	−0.29	0.93	0.57	1.16	1.15	0.59	−15	+22	−17	+3	−37	+23	−33	+12	−21	−22	0	−0.71
24637		05 17 11.80	+08 54 47.7	9.07		H	79.299 180 81	+08.913 242 28		2.96	6.32	−17.57	1.61	0.91	1.84	1.93	1.04	+14	+46	−19	−14	−8	−1	−19	+13	−20	+43	0	−0.81
24638	H	05 17 12.42	+39 27 49.2	7.13		H	79.301 739 93	+39.463 658 76	A	1.56	1.22	−3.51	2.07	1.38	1.57	1.66	0.97	−2	+30	−15	+25	−18	+5	−14	+26	−10	−23	2	0.86
24639		05 17 13.52	+53 34 43.7	9.50		G	79.306 351 94	+53.578 800 39		6.00	52.00	−45.56	1.20	0.92	1.47	1.41	0.92	+6	+10	−1	+19	−18	+12	−15	+13	+3	+10	0	−1.65
24640		05 17 15.05	−39 17 17.2	7.14		H	79.312 713 02	−39.288 120 76		5.36	−8.11	26.56	0.45	0.52	0.58	0.51	0.71	+9	−4	−8	−4	−18	+15	−19	−17	+13	+16	0	1.72
24641		05 17 15.16	+31 16 14.1	9.44		H	79.313 176 71	+31.270 591 06		5.97	−13.87	−23.65	1.80	0.83	1.87	1.98	0.81	−28	+61	−30	+19	−33	+10	−25	+22	−8	−5	0	−0.54
24642		05 17 15.47	+28 54 18.0	6.76		G	79.314 446 19	+28.905 011 43		1.02	1.84	−3.89	0.97	0.50	1.07	1.01	0.54	+5	+53	−16	−11	+14	−4	+10	+23	−9	+20	0	0.82
24643		05 17 15.61	−20 50 04.2	9.26		G	79.315 046 57	−20.834 509 96		0.88	8.14	4.74	0.62	0.85	1.35	1.07	1.38	+7	+15	−12	+9	−20	+13	−18	+23	−23	−15	0	−1.58
24644		05 17 15.64	−27 14 45.1	7.84	1	H	79.315 148 68	−27.245 874 87		0.90	−1.28	−5.68	0.51	0.65	0.90	0.62	0.84	−3	+18	−6	+1	−6	+12	−8	+8	−17	−5	0	−1.65
24645		05 17 17.69	+53 35 10.2	9.96	3	H	79.323 701 84	+53.586 158 54		2.42	2.28	−14.68	1.31	1.04	1.60	1.75	1.19	+13	−4	−18	+29	+7	+37	+14	+32	+6	+39	0	1.01
24646		05 17 18.71	−72 42 03.0	8.39		H	79.327 960 18	−72.700 846 99		2.48	19.90	26.91	0.66	0.63	0.65	0.71	0.78	−16	+3	−4	−19	−2	+4	+4	+13	+5	−35	0	0.67
24647		05 17 20.68	+27 45 55.4	9.33		H	79.336 159 81	+27.765 388 59		8.06	12.98	14.20	1.59	0.98	1.77	1.99	1.05	+15	+14	−24	−1	+26	+4	+18	+35	−16	+31	0	−0.57
24648		05 17 21.60	+27 45 59.3	9.39		H																							
24649		05 17 22.30	−17 46 29.3	6.76		H	79.342 927 71	−17.774 813 77		1.84	5.35	2.51	0.63	0.61	0.84	0.69	0.72	+23	+9	−19	−20	−40	+10	−38	−12	−1	−21	0	0.81
24650		05 17 22.79	+49 20 41.0	8.42		H	79.344 948 28	+49.344 721 60		5.59	14.92	−9.37	0.96	0.63	1.06	1.08	0.62	+28	+28	−1	+11	−13	+1	−10	−2	+4	+18	0	−0.76
24651		05 17 22.81	−53 44 11.2	9.32		H	79.345 036 30	−53.736 445 81		2.60	−8.68	−19.51	0.83	0.85	0.88	0.84	0.96	−16	−3	+3	+18	−18	+9	−21	+8	+4	−18	1	−0.85
24652		05 17 23.03	−68 28 19.2	9.16		G	79.345 963 24	−68.472 001 45		1.22	1.07	10.97	0.82	0.82	0.87	0.97	1.00	−7	+14	−2	−7	+2	+14	+2	+8	−8	−9	1	0.40
24653		05 17 23.43	+62 00 49.4	8.98	2	H	79.347 612 81	+62.013 734 23		1.50	0.64	−10.29	0.67	0.68	1.12	0.71	0.71	+2	+18	−19	−26	+7	−17	+7	−25	+19	+3	0	0.76
24654		05 17 24.55	+26 04 59.4	9.59		H	79.352 273 13	+26.083 170 43	A	16.51	−16.80	−0.70	5.61	2.59	4.68	4.71	2.42	+2	+57	−3	−6	+0	−8	−9	+12	−16	+11	13	1.50
24655		05 17 25.62	+26 04 49.1	10.40		H	79.356 732 30	+26.080 319 39	B	24.03	−19.09	8.27	27.19	13.13	13.04	18.49	9.08	+8	+62	+2	−3	+2	−6	−9	+13	−17	+12	13	1.50
24656		05 17 25.84	−71 31 58.5	7.57		H	79.357 678 91	−71.532 925 22		5.91	−1.40	−82.59	0.60	0.60	0.70	0.67	0.69	−0	−14	−13	+2	−5	−9	−3	+20	−24	+5	5	1.68
24657		05 17 26.24	+11 43 24.4	8.53		H	79.359 336 70	+11.723 455 13		5.96	3.16	−30.16	0.99	0.63	1.13	1.10	0.72	+2	+40	−16	−2	+25	−1	+11	+26	−10	+39	0	0.03
24658		05 17 27.57	+60 10 55.2	6.96		H	79.364 875 64	+60.182 000 71		20.31	−9.75	−132.99	0.62	0.49	0.76	0.72	0.52	−13	+6	−1	−40	+33	+0	+27	−26	−9	+2	1	−0.58
24659		05 17 29.02	−34 53 39.8	4.81		H	79.370 930 64	−34.894 389 61		29.63	93.71	−336.53	0.40	0.45	0.54	0.43	0.53	−10	+16	+2	+20	−7	+12	−9	−1	−14	−12	1	0.83
24660		05 17 30.73	+14 30 51.2	8.54		G	79.378 054 66	+14.514 223 10		18.54	11.69	−74.92	1.03	0.70	1.09	1.22	0.78	+17	+34	−15	+12	+33	−15	+26	+40	−3	+24	0	−1.56
24661		05 17 30.89	+41 40 08.0	10.08		H	79.378 714 55	+41.668 894 97		5.50	2.96	−0.52	1.64	0.99	1.94	1.68	1.04	+1	+41	−25	+30	+11	−5	−4	+41	−31	+20	0	−0.82
24662		05 17 31.02	+31 49 26.4	7.54	2	H	79.379 249 63	+31.824 003 60		−1.21	0.66	−1.21	0.94	0.50	1.04	1.03	0.53	+14	+38	−6	−12	−7	+25	−12	+13	+0	+38	0	0.09
24663	H	05 17 31.16	+20 07 55.5	6.69	2	H	79.379 839 89	+20.132 070 90	A	13.66	−14.34	−94.09	1.48	1.24	1.64	1.93	1.20	−3	+40	−34	−4	+34	−52	+2	+53	−31	+28	5	0.44
24664	H	05 17 31.63	+74 32 09.2	7.36		H	79.381 784 63	+74.535 880 77	*	5.06	3.91	−30.79	0.61	1.09	0.76	0.53	0.71	+3	+12	+21	−5	+12	−1	+12	−15	−11	+4	1	−1.09
24665		05 17 31.79	+24 00 35.5	6.85		H	79.382 449 81	+24.009 862 04		11.64	−21.27	−76.28	0.83	0.50	1.03	1.14	0.59	+7	+14	−12	−17	+16	+47	+2	+34	+13	+49	0	1.41
24666		05 17 32.22	+05 28 56.4	7.14		H	79.384 240 24	+05.482 337 83		6.59	17.61	−6.02	0.93	0.58	1.16	1.12	0.67	+19	+35	−11	+31	−14	+29	−15	+45	−24	+12	0	1.73
24667	H	05 17 32.36	+33 07 28.6	8.65		G	79.384 814 86	+33.124 620 87	A	2.21	1.94	−2.58	1.33	0.79	1.35	1.34	0.76	+2	+17	−27	+1	+21	−9	+9	+42	−24	+23	0	−0.44
24668	H	05 17 32.44	+22 49 45.2	8.91		H	79.385 147 60	+22.829 210 27	A	6.11	−2.76	1.02	1.84	1.13	1.79	2.71	1.26	+14	+34	+0	−19	+7	−12	−3	+27	−1	+9	0	0.45
24669		05 17 34.35	−15 12 58.3	8.72		G	79.393 138 12	−15.216 184 31	B	2.52	−13.30	14.70	19.45	18.20	1.99	16.46	14.93	−31	+3	−1	+0	+0	+0	+0	+0	−3	−49	4	2.18
24670		05 17 35.50	−15 13 10.5	6.98		G	79.397 916 97	−15.219 572 90	A	2.52	1.80	3.10	1.90	1.87	1.99	1.57	1.83	−1	+32	−13	−12	−22	+3	−30	−15	−23	−10	4	2.18
24671	H	05 17 35.56	−68 35 35.3	7.57		G	79.398 146 77	−68.593 142 15	A	3.47	−21.00	2.63	1.49	2.31	0.78	0.80	0.88	−18	−6	−5	−24	−1	+26	+6	−5	−2	−25	3	0.72
24672		05 17 35.68	+33 35 36.6	8.13	2	H	79.398 674 75	+33.593 500 07		2.44	3.15	−5.82	0.87	0.51	0.96	0.93	0.51	+4	+30	−22	+18	+24	−6	+13	+41	−19	+21	0	1.41
24673		05 17 35.91	+55 31 00.7	7.62		H	79.399 615 76	+55.516 849 76		2.91	−3.15	3.16	0.67	0.55	0.93	0.85	0.59	+35	−2	−8	−3	−5	−16	−2	+17	+17	+19	0	1.05
24674		05 17 36.40	−06 50 39.8	3.59		G	79.401 662 25	−06.844 386 16		5.88	−15.31	−9.57	0.61	0.45	0.77	0.69	0.52	−4	+25	+4	+37	−19	−19	−20	+32	−5	−6	2	0.89
24675		05 17 37.66	−18 39 41.4	8.49		G	79.406 928 49	−18.661 505 05		3.25	2.32	−5.18	0.79	0.82	1.15	0.87	0.98	−12	+21	−31	−21	−9	+8	−2	−3	−1	−33	0	0.88
24676	H	05 17 39.01	+04 41 01.8	8.48		G	79.412 520 88	+04.683 844 68	A	1.92	13.33	−30.16	3.26	2.10	2.96	3.81	2.18	+17	+10	+5	+30	−3	+13	−4	+37	+4	+17	4	1.18
24677		05 17 39.51	−26 38 16.6	9.96		G	79.414 633 00	−26.637 941 78		2.89	6.74	−22.97	0.80	1.16	1.45	1.05	1.73	−7	+16	−20	−10	−4	+7	−9	+13	−27	+4	0	0.02
24678		05 17 39.53	+59 56 46.6	9.01		H	79.414 694 34	+59.946 282 30		6.19	−12.25	−4.55	0.83	0.69	1.14	1.05	0.75	−7	−4	−5	−25	+28	−5	+23	−23	−7	+20	1	1.28
24679		05 17 40.25	−13 31 10.9	5.48		H	79.417 692 73	−13.519 707 78		20.69	−7.59	−48.49	0.58	0.51	0.78	0.60	0.63	−1	+33	−11	+22	−19	−12	−30	−8	−17	−5	0	1.84
24680		05 17 40.56	+82 14 58.6	9.73		H	79.419 006 71	+82.249 607 94		7.19	−19.09	−45.72	0.80	1.00	1.11	0.87	1.35	+10	+20	+13	+4	+9	+21	+12	+20	+3	−5	0	0.05
24681		05 17 40.98	+07 21 13.3	7.31		H	79.420 753 33	+07.353 704 79		22.22	−3.74	−148.69	0.90	0.58	1.05	1.01	0.67	+8	+44	−21	+11	+14	−17	−4	+39	−25	+37	0	2.38
24682		05 17 41.18	−37 37 06.4	8.97		H	79.421 602 42	−37.618 438 42		7.35	79.61	−27.56	0.70	0.93	0.95	0.75	1.10	+10	−3	−7	−7	−20	+14	−25	−29	+12	−3	1	2.77
24683		05 17 41.60	−19 28 06.1	8.03		H	79.423 333 15	−19.468 361 24		0.36	2.90	−0.71	0.76	0.77	1.06	0.83	0.98	+6	+28	−3	−2	+0	+17	−5	−11	−19	+5	0	−1.51
24684		05 17 41.80	+26 44 52.2	10.61		H	79.424 170 50	+26.747 835 19		7.72	−18.93	−24.59	1.92	1.06	2.12	2.18	1.15	+14	+36	−3	−1	+11	+1	+3	+28	−12	+23	0	0.41
24685		05 17 41.99	+30 59 03.5	10.27		H	79.424 961 60	+30.984 301 16		3.97	−6.74	−11.05	4.19	2.41	4.69	5.05	2.54	+4	+30	−16	+9	+1	+16	+0	+23	−9	+16	0	
24686		05 17 42.67	−23 10 36.9	8.77		H	79.427 803 53	−23.176 914 04		0.82	7.70	11.29	0.70	0.90	1.28	0.94	1.09	−11	−13	+5	−35	−12	+17	−7	+2	−14	−19	0	1.16
24687	H	05 17 43.54	−10 58 45.6	9.47		H	79.431 420 03	−10.979 345 88	A	−0.40	10.91	−3.30	2.16	1.80	2.31	2.33	1.93	−30	+19	−9	+37	−42	+2	−38	+37	+6	−42	1	−0.77
24688		05 17 43.66	−54 28 20.7	7.10		H	79.431 903 37	−54.472 407 13		4.37	1.04	22.96	0.54	0.54	0.58	0.54	0.63	−10	−3	+6	+10	−13	+9	−16	+2	+9	−9	0	0.10
24689		05 17 43.79	−00 22 12.3	9.04		H	79.432 467 82	−00.370 090 76		5.72	−5.72	−4.53	0.99	0.75	1.26	1.18	0.87	+16	+27	−22	+16	+23	+0	+11	+50	−29	+30	0	0.73
24690		05 17 44.75	−07 34 25.2	9.23		G	79.436 439 30	−07.573 670 50		6.14	22.62	22.16	1.33	0.91	1.61	1.40	1.03	−24	+42	−12	+43	−37	+15	−42	+32	−24	−27	0	0.85
24691		05 17 45.01	−43 36 13.6	7.64		H	79.437 552 65	−43.603 783 93		11.69	−29.13	113.50	0.53	0.63	0.64	0.55	0.72	−9	+6	−9	−15	−3	+15	−2	−29	+8	−9	0	1.87
24692		05 17 45.10	−08 39 05.9	8.52		H	79.437 911 21	−08.651 640 34		10.79	12.40	−73.16	0.87	0.72	1.15	1.06	0.84	−9	+29	−12	+14	−11	−13	−14	+38	−12	−11	0	0.79
24693		05 17 46.08	+13 38 23.7	8.38		H	79.442 020 64	+13.639 912 93		9.35	30.19	6.79	1.10	0.70	1.21	1.40	0.82	+14	+40	−8	+9	+30	−12	+18	+40	−16	+16	0	−2.06
24694		05 17 46.37	−69 50 57.2	10.75		G	79.443 225 32	−69.849 231 59		0.00	1.83	−0.47	1.17	1.17	1.21	1.35	1.50	−1	+12	−2	+1	−13	+0	−14	+17	+6	+2	0	1.36
24695		05 17 47.68	+54 23 34.5	8.41		H	79.448 671 28	+54.392 907 11		5.04	−8.99	−17.25	0.97	0.67	1.08	1.00	0.63	+25	+30	−9	−23	−25	+6	−22	−4	−3	+28	0	−0.49
24696		05 17 48.00	−28 10 17.6	9.02		H	79.450 001 62	−28.171 553 71		8.36	−29.91	47.41	0.66	0.83	1.10	0.78	0.94	−6	+11	+1	−27	+2	+12	+3	+5	−19	−20	0	1.00
24697	H	05 17 48.15	−38 09 07.2	9.23		H	79.450 621 51	−38.151 986 42	A	4.71	15.39	28.79	2.06	2.36	2.33	2.08	2.90	−1	+11	+22	+3	−2	−1	−4	−6	+4	−10	1	0.85
24698		05 17 49.99	−12 16 35.4	8.04		H	79.458 273 42	−12.276 492 03		1.95	3.43	−4.26	0.80	0.74	1.07	0.83	0.84	−14	+25	−12	+37	−41	+1	−44	+11	−2	−23	0	2.17
24699		05 17 50.52	+02 18 23.8	10.12		H	79.460 487 61	+02.306 612 56		4.17	10.53	−29.47	1.96	1.23	2.23	2.27	1.38	+13	+36	−13	+14	−12	+3	−15	+18	−18	+19	0	1.03
24700		05 17 54.02	+50 04 57.0	9.41		H	79.475 065 79	+50.082 509 69		1.29	−1.02	−3.41	1.45	0.83	1.57	1.57	0.81	−6	+33	−30	+10	−9	+18	−1	+6	+7	+19	0	−0.96

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
24601	9.494	0.015	8.952	0.014		0.521	0.015	G	0.59	0.02	H	9.0207	0.0021	0.020	155		8.99	9.06					1						
24602	11.297	0.099	10.589	0.089		0.670	0.015	G	0.73	0.01	H	10.4774	0.0033	0.024	59		10.43	10.52		C			1						G
24603	6.902	0.005	7.002	0.007		−0.103	0.005	G	−0.09	0.01	H	6.9924	0.0024	0.026	112		6.94	7.02	2.20	P 1 A			1						S P
24604	10.842	0.059	10.596	0.077		0.234	0.091	T	0.26	0.11	L	10.6224	0.0036	0.031	66		10.59	10.68		C			1						G
24605	8.950	0.019	8.701	0.022	*	0.190	0.015	G	0.21	0.02	H *	8.8443	0.0022	0.014	80	*	8.82	8.88		D	05167+3903	I 1	2 C A	AB	189	5.824	0.006	1.55	0.04	
24606	11.507	0.124	10.062	0.051		1.237	0.110	T	2.51	0.35	K	10.1047	0.0041	0.027	61		10.05	10.15		C			1						G
24607	6.413	0.005	6.410	0.005		−0.015	0.009	G	0.02	0.03	C	6.4250	0.0013	0.008	72		6.41	6.44					1						S
24608						0.795	0.019	G	0.83	0.01	R	0.2385	0.0023	0.011	52		0.22	0.25		U 2	05168+4559	I 1	1 O						S P
24609	8.512	0.012	8.144	0.012		0.370	0.004	G	0.43	0.00	H	8.2152	0.0030	0.019	72		8.17	8.25					1						S
24610	9.566	0.025	8.218	0.015		1.143	0.023	T	1.11	0.02	L	8.2338	0.0017	0.014	66		8.22	8.25		C			1						
24611	8.746	0.013	8.644	0.015		0.116	0.015	G	0.13	0.01	H	8.6701	0.0016	0.014	75		8.65	8.69		C			1						
24612	7.216	0.010	7.143	0.011	*	0.106	0.040	G	0.12	0.04	H *	7.1900	0.0009	0.007	61	*	7.18	7.21		D	05167+1826	I 1	2 C C	AB	165	2.515	0.005	0.71	0.04	S
24613	10.425	0.030	9.753	0.026		0.622	0.033	T	0.69	0.03	L	9.8495	0.0021	0.025	119		9.79	9.88					1						
24614	9.496	0.017	8.048	0.010		1.221	0.015	T	1.18	0.01	L	8.0825	0.0012	0.011	104		8.06	8.10					1						S
24615	9.632	0.025	8.936	0.021		0.642	0.027	T	0.71	0.02	L	9.0109	0.0017	0.012	53		8.99	9.03		C			1						
24616	8.644	0.011	8.304	0.011	*	0.329	0.018	T	0.38	0.02	L *	8.3451	0.0017	0.016	103	*	8.32	8.37			05168−0509	H 1	2 C S B	AB	162	0.123	0.009	0.27	0.72	S
24617	8.534	0.010	8.020	0.010		0.506	0.015	G	0.58	0.02	H	8.0685	0.0013	0.012	93		8.05	8.09					1 G						S
24618	6.342	0.004	6.516	0.004		−0.150	0.005	T	−0.15	0.01	L	6.5026	0.0005	0.007	112		6.49	6.52		D			1						S
24619	8.059	0.010	7.657	0.009		0.394	0.015	G	0.46	0.02	H	7.7155	0.0013	0.010	70		7.70	7.73		C			1						S
24620	8.997	0.017	8.829	0.020		0.161	0.025	T	0.18	0.03	L	8.8743	0.0019	0.014	78		8.84	8.90					1						
24621	11.079	0.036	9.396	0.014		1.433	0.032	T	2.92	0.05	O	9.0597	0.0081	0.160	217		8.80	9.22		U 2 C			1 S						
24622	9.405	0.020	8.186	0.013		1.042	0.019	T	1.01	0.02	L	8.2423	0.0016	0.009	68		8.22	8.26		C			1						
24623	9.737	0.029	8.306	0.016		1.275	0.015	G	1.23	0.02	H	8.3338	0.0024	0.013	65		8.31	8.35					1						
24624	9.451	0.018	7.734	0.009		1.433	0.016	T	1.42	0.03	L	7.7174	0.0013	0.010	95		7.70	7.73		C			1						S
24625	10.859	0.053	8.922	0.018		1.642	0.046	T	2.59	0.07	O	8.6799	0.0106	0.054	75		8.58	8.78		U 2 C			1 S						P
24626	8.571	0.010	8.230	0.010		0.340	0.015	G	0.40	0.02	H	8.2622	0.0019	0.016	101		8.24	8.29					1						S
24627	8.417	0.016	8.495	0.021		−0.050	0.015	G	−0.03	0.01	H	8.4695	0.0013	0.011	82		8.45	8.49		C			1						
24628	9.223	0.023	7.856	0.014		1.158	0.021	T	1.12	0.02	L	7.8983	0.0017	0.011	75		7.88	7.92					1						
24629	8.016	0.007	7.539	0.007		0.475	0.014	G	0.55	0.01	H	7.5756	0.0012	0.010	133		7.56	7.59		C			1						S
24630	10.963	0.064	9.525	0.030		1.179	0.015	G	1.14	0.01	H	9.5818	0.0027	0.022	83		9.53	9.61		C			1						
24631	10.593	0.036	8.668	0.014		1.598	0.031	T	1.62	0.03	L	8.5894	0.0019	0.019	138		8.56	8.63					1						
24632	7.477	0.008	7.475	0.013		0.005	0.002	G	0.03	0.00	H	7.4817	0.0014	0.010	58		7.47	7.51					1						S
24633	8.414	0.012	7.183	0.009		1.051	0.012	T	1.02	0.01	L	7.2221	0.0013	0.008	66		7.21	7.23		C			1 S						S
24634	8.721	0.014	7.530	0.009		1.030	0.015	G	1.00	0.01	H	7.5934	0.0009	0.006	61		7.58	7.61					1						S
24635	9.208	0.014	9.093	0.017		0.104	0.020	T	0.12	0.02	L	9.1556	0.0015	0.018	136		9.13	9.19					1						
24636	8.708	0.009	8.342	0.010		0.352	0.015	G	0.41	0.02	H	8.3933	0.0019	0.018	137		8.36	8.43					1						
24637	9.815	0.029	9.160	0.026		0.608	0.033	T	0.68	0.03	L	9.2034	0.0036	0.019	48		9.18	9.24		C			1						S
24638	8.869	0.015	7.264	0.008	*	1.345	0.013	T	1.31	0.01	L *	7.2813	0.0012	0.012	83	*	7.26	7.30		D	05172+3928	I 1	2 C A	AB	296	0.416	0.008	1.45	0.03	S
24639	10.070	0.042	9.570	0.042		0.470	0.020	G	0.54	0.02	H	9.6136	0.0030	0.023	71		9.58	9.64		C	05173+5335	I 2	1						
24640	7.240	0.005	7.148	0.006		0.083	0.007	T	0.10	0.01	L	7.1712	0.0008	0.009	134		7.16	7.19		C			1 S						S
24641	9.955	0.028	9.445	0.028		0.479	0.036	T	0.55	0.04	L	9.5396	0.0021	0.019	79		9.50	9.57		C			1						G
24642	7.595	0.008	6.849	0.006		0.765	0.004	G	0.80	0.00	H	6.8845	0.0009	0.006	72		6.87	6.89		C			1 G						S
24643	9.280	0.012	9.267	0.015		0.007	0.003	G	0.03	0.00	H	9.2735	0.0022	0.028	207		9.22	9.32					1						
24644	9.863	0.018	7.993	0.008		1.554	0.016	T	1.57	0.02	L	7.9636	0.0017	0.018	165		7.94	8.00		M			1						S
24645			9.962	0.200		1.500	0.510	G	5.33	0.96	Q	8.6783	0.3233	1.894	71		6.65	10.69	454.00	P 1 B	05173+5335	I 2	1 S						D P
24646	10.230	0.028	8.563	0.013		1.393	0.024	T	1.37	0.03	L	8.5322	0.0014	0.014	115		8.50	8.56		C			1						
24647	9.828	0.030	9.388	0.030		0.589	0.100	G	0.49	0.05	L	9.4216	0.0022	0.023	75		9.38	9.46		D	05174+2746	I 2	1						
24648											T	9.5426	0.0324	0.271	73		9.40	10.20		D	05174+2746	I 2							G
24649	7.094	0.005	6.789	0.006		0.290	0.007	T	0.33	0.01	L	6.8392	0.0011	0.008	96		6.82	6.85		C			1						S
24650	9.881	0.028	8.554	0.016		1.126	0.025	T	1.09	0.03	L	8.5869	0.0015	0.012	88		8.56	8.61		C			1						
24651	11.216	0.066	9.473	0.023		1.453	0.055	T	1.46	0.09	L	9.4520	0.0024	0.020	98		9.42	9.50					1						
24652	9.331	0.017	9.155	0.021		0.142	0.013	G	0.16	0.01	H	9.2039	0.0017	0.018	95		9.17	9.24		C			1						G
24653	11.247	0.059	9.280	0.018		1.667	0.051	T	2.97	0.08	O	8.9059	0.0230	0.218	135		8.60	9.18		U 2			1 S						P
24654	9.993	0.029	9.490	0.030	A	0.473	0.038	T	0.54	0.04	L	9.6937	0.0289	0.120	64	A	9.46	9.83		R	05174+2605	I 2	1 C P A						G
24655	10.960	0.082	10.227	0.072	B	0.672	0.087	T	0.73	0.07	L	10.6409	0.0542			B				D	05174+2605	I 2	1 C I A						
24656	9.072	0.014	7.719	0.008		1.147	0.013	T	1.11	0.01	L	7.7335	0.0017	0.016	110		7.71	7.76			05174−7132	I 1	1 G						S
24657	8.720	0.018	8.545	0.021		0.168	0.026	T	0.18	0.03	L	8.5915	0.0015	0.010	67		8.56	8.61					1						S
24658	7.495	0.005	7.008	0.004		0.458	0.011	G	0.53	0.01	H	7.0610	0.0012	0.012	173		7.04	7.08					1						S
24659	6.088	0.003	4.933	0.002		0.987	0.033	G	1.00	0.02	A	4.9799	0.0006	0.005	119		4.97	4.99		C			1						S
24660	9.376	0.021	8.604	0.017		0.667	0.015	G	0.73	0.01	H	8.6784	0.0011	0.010	66		8.66	8.70					1						
24661	13.334	0.691	10.439	0.077		0.740	0.400	G	1.94	0.16	S	10.1696	0.0066	0.044	71		10.07	10.22		R			1 S						G
24662	10.204	0.031	7.828	0.010		1.958	0.026	T	1.99	0.03	L	7.6178	0.0043	0.025	90		7.57	7.65		U 2			1 S						
24663	7.293	0.008	6.741	0.009	*	0.523	0.009	T	0.60	0.01	L *	6.8080	0.0015	0.020	66	*	6.80	7.23		P 1 A	05175+2008	I 1	2 C A	AB	149	9.981	0.019	3.06	0.12	S
24664	7.636	0.005	7.401	0.006	*	0.224	0.008	T	0.25	0.01	L *	7.4283	0.0010	0.011	171	*	7.41	7.45		D	05175+7432	H 1	2 C A	AB	83	0.218	0.003	0.72	0.06	S
24665	8.225	0.012	6.982	0.006		1.061	0.010	T	1.03	0.01	L	7.0199	0.0009	0.007	70		7.01	7.04		C			1						S
24666	8.429	0.012	7.250	0.007		1.011	0.011	T	0.99	0.01	L	7.3069	0.0017	0.013	86		7.29	7.33					1						S
24667	8.751	0.018	8.714	0.023	A	0.050	0.015	G	0.06	0.01	H *	8.6733	0.0022	0.014	94	*	8.64	8.69		D	05175+3307	I 1	2 C A	AB	235	2.877	0.023	3.16	0.09	
24668	9.200	0.059	8.700	0.026	*	0.470	0.058	T	0.54	0.06	L *	9.0172	0.0016	0.011	64	*	9.00	9.04		D	05175+2250	I 1	2 C A	AB	190	2.273	0.008	1.85	0.04	
24669	8.673	0.013	8.623	0.016	B	0.041	0.015	G	0.06	0.01	H	8.8373	0.1475			B				D	05176−1513	I 2	1 C L C							
24670	6.882	0.005	6.947	0.006	A	−0.036	0.015	G	−0.01	0.01	H	6.9704	0.0323	0.050	84	A	6.88	7.01		D	05176−1513	I 2	1 C P C						S
24671	8.683	0.013	7.684	0.009	*	0.863	0.031	G	0.93	0.02	A *	7.7231	0.0013	0.010	98	*	7.71	7.75		D	05176−6836	H 1	2 C A	AB	353	0.312	0.007	1.67	0.08	S
24672	8.188	0.015	8.111	0.018		0.100	0.015	G	0.05	0.01	L	8.1503	0.0049	0.035	94		8.08	8.17		U 2 C			1						
24673	7.736	0.007	7.641	0.008		0.093	0.010	T	0.11	0.01	L	7.6620	0.0012	0.010	116		7.65	7.68		C			1						S
24674	3.451	0.002	3.575	0.002		−0.115	0.006	G	−0.10	0.02	A	3.5544	0.0004	0.003	81		3.55	3.57			05176−0651	I 1	1						S
24675	8.914	0.013	8.521	0.013		0.397	0.015	G	0.46	0.02	H	8.5742	0.0015	0.017	104		8.55	8.61					1						
24676	9.033	0.027	8.491	0.025	*	0.564	0.007	G	0.64	0.01	H *	8.5775	0.0021	0.013	68	*	8.56	8.60		D	05176+0442	I 1	2 C A	AB	103	3.586	0.005	0.34	0.02	
24677	10.295	0.028	9.981	0.034		0.362	0.015	G	0.42	0.02	H	10.0382	0.0035	0.037	154		9.95	10.09					1						
24678	9.388	0.012	9.026	0.013		0.343	0.016	T	0.40	0.02	L	9.0907	0.0019	0.023	166		9.05	9.12					1						
24679	6.684	0.004	5.591	0.003		0.932	0.004	G	0.94	0.04	E	5.6446	0.0007	0.005	93		5.63	5.65		C			1						S
24680	10.317	0.028	9.753	0.027		0.528	0.035	T	0.60	0.04	L	9.8408	0.0025	0.030	122		9.79	9.89					1						
24681	8.119	0.011	7.387	0.009		0.661	0.015	G	0.72	0.01	H	7.4511	0.0008	0.009	68		7.44	7.46		C			1						S
24682	9.860	0.019	9.004	0.015		0.751	0.019	T	0.79	0.01	L	9.1082	0.0022	0.018	109		9.07	9.13		C			1						
24683	9.913	0.023	8.182	0.011		1.444	0.020	T	1.44	0.03	L	8.1667	0.0017	0.017	104		8.13	8.20					1						
24684	11.322	0.100	10.622	0.083		0.633	0.098	T	0.70	0.09	L	10.7456	0.0051	0.031	64		10.71	10.80		C			1						G
24685	10.786	0.058	10.395	0.064		0.370	0.080	T	0.43	0.09	L	10.3521	0.0045	0.029	70		10.31	10.39					1 X S						G
24686	10.658	0.031	8.922	0.013		1.448	0.027	T	1.45	0.04	L	8.9102	0.0019	0.024	157		8.88	8.95		C			1 S						
24687	9.962	0.029	9.542	0.029	*	0.397	0.038	T	0.46	0.04	L *	9.5615	0.0032	0.022	81	*	9.53	9.62		D	05177−1059	I 1	2 C A	AB	191	0.908	0.010	1.65	0.04	
24688	8.233	0.008	7.212	0.006		0.890	0.007	T	0.90	0.01	L	7.2622	0.0010	0.010	103		7.24	7.28		C			1						S
24689	9.162	0.015	9.037	0.019		0.113	0.022	T	0.13	0.02	L	9.0807	0.0017	0.016	80		9.06	9.11		C			1						
24690	9.831	0.026	9.322	0.026		0.500	0.020	G	0.57	0.02	H	9.3520	0.0020	0.019	76		9.32	9.39		D			1						
24691	8.255	0.012	7.685	0.010		0.524	0.015	G	0.60	0.02	H	7.7493	0.0010	0.011	112		7.73	7.78					1						S
24692	9.386	0.021	8.580	0.017		0.729	0.021	T	0.78	0.01	L	8.6689	0.0019	0.013	83		8.64	8.69		C			1						
24693	8.835	0.017	8.429	0.018		0.405	0.015	G	0.47	0.02	H	8.4705	0.0013	0.016	65		8.45	8.49		C			1						
24694	10.711	0.051	10.842	0.101		−0.012	0.038	G	0.01	0.04	H	10.7040	0.0048	0.039	102		10.64	10.78					1						G
24695	8.528	0.015	8.424	0.018		0.101	0.022	T	0.11	0.02	L	8.4518	0.0019	0.015	73		8.42	8.48					1						
24696	9.736	0.018	9.060	0.016		0.614	0.018	T	0.68	0.02	L	9.1510	0.0022	0.025	155		9.11	9.20					1						
24697	10.094	0.026	9.621	0.027	*	0.458	0.029	T	0.53	0.03	L *	9.3319	0.0025	0.020	99	*	9.30	9.37		D	05178−3809	I 1	2 C A	AB	321	1.161	0.005	0.02	0.02	
24698	9.950	0.030	8.209	0.014		1.452	0.026	T	1.45	0.04	L	8.1764	0.0019	0.015	75		8.16	8.20					1						
24699	10.662	0.057	10.225	0.061		0.413	0.077	T	0.48	0.08	L	10.2156	0.0026	0.020	53		10.17	10.26					1						G
24700	10.779	0.062	9.559	0.034		1.043	0.055	T	1.01	0.04	L	9.5807	0.0031	0.027	77		9.54	9.63					1						G

Number		Descriptor: epoch J1991.25					Position: epoch J1991.25			Par.	Proper Motion		Standard Errors					Astrometric Correlations (%)										Soln	
HIP		RA	Dec	V			α (ICRS)	δ		π	μα*	μδ	α*	δ	π	μα*	μδ	δ/α*	π/α*	π/δ	μα*/α*	μα*/δ	μα*/π	μδ/α*	μδ/δ	μδ/π	μδ/μα*	F1	F2
		h m s	±° ′ ″	mag			deg	deg		mas	mas/yr	mas/yr	mas	mas	mas	mas/yr	mas/yr											%	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
24701		05 17 54.84	−04 29 23.7	9.55		H	79.478 505 36	−04.489 906 41		2.00	1.79	−1.04	1.16	0.83	1.45	1.26	0.91	−7	+29	−9	+4	−29	+7	−29	+9	−12	−13	2	0.72
24702		05 17 56.73	−35 22 02.4	8.82		H	79.486 381 05	−35.367 342 88		8.09	−15.18	−86.21	0.62	0.86	0.91	0.72	1.02	+1	+18	+0	+5	−9	+3	−11	−1	−14	−5	2	0.02
24703		05 17 57.06	+08 06 17.0	7.36		H	79.487 740 68	+08.104 714 10		6.94	−12.47	57.90	0.88	0.56	1.08	1.04	0.64	+7	+41	−18	+16	+14	−7	−5	+48	−27	+39	8	−1.54
24704		05 17 58.03	+68 58 24.4	8.10		H	79.491 791 07	+68.973 446 55		3.49	−0.96	−5.82	0.47	0.71	0.95	0.64	0.93	−14	−3	+8	−15	+7	+9	+5	−28	+6	−21	1	3.24
24705		05 17 58.14	+25 03 53.3	9.85		H	79.492 254 37	+25.064 818 08		4.64	29.09	−35.07	1.51	1.02	1.60	2.07	1.21	−5	+20	−18	+19	+8	−9	+3	+42	+4	+14	5	1.25
24706		05 17 58.47	−57 26 42.8	8.74		H	79.493 641 98	−57.445 225 97		1.51	14.80	−1.03	0.74	0.83	0.80	0.99	1.17	+1	+4	−10	+25	+21	−12	+23	+7	+1	+10	0	−0.84
*24707		05 18 00.83	−18 36 45.2	7.93	2	H	79.503 477 34	−18.612 549 53		1.72	6.79	−13.12	0.86	0.76	1.08	1.02	1.02	−15	+20	−14	−26	−9	+4	+1	+4	−1	−46	0	0.09
*24708		05 18 00.95	−08 13 41.2	7.50	2	H	79.503 958 05	−08.228 120 35		2.73	4.30	2.73	0.74	0.60	0.95	0.90	0.71	−7	+24	−8	+22	−12	+0	−13	+33	−7	−8	0	2.39
*24709		05 18 00.98	−00 02 15.7	7.39		G	79.504 093 23	−00.037 693 07		3.93	1.43	0.25	0.75	0.63	0.98	0.93	0.78	+24	+5	−39	+28	+33	−12	+23	+61	−47	+36	0	0.01
*24710	H	05 18 00.42	−27 29 25.6	9.28	3	H	79.501 734 15	−27.490 437 91	A	19.09	−47.57	−109.53	6.11	7.97	3.25	2.64	2.75	+2	+3	+3	−2	−7	+21	−10	+10	−10	−40	29	1.14
24711		05 18 03.25	−34 01 46.8	8.39		H	79.513 536 98	−34.029 659 25	A	14.12	72.99	20.68	1.56	1.66	1.52	1.71	1.97	−17	+18	+0	+20	−4	+15	−5	−22	−13	−14	4	2.78
*24712		05 18 03.43	−34 02 00.0	10.47		H	79.514 272 31	−34.033 321 81	B	9.65	72.53	16.66	15.80	17.27	7.21	10.80	15.70	−17	+19	+2	+16	−1	+13	−3	−26	−17	−17	4	2.78
*24713		05 18 03.41	−30 00 09.3	8.41	2	H	79.514 192 81	−30.002 577 74		1.72	2.76	−7.63	0.61	0.79	0.98	0.71	0.94	−6	+16	+2	−8	−7	−2	−6	+6	−9	−21	0	0.19
24714	H	05 18 03.53	+03 41 30.3	8.21		H	79.514 714 68	+03.691 761 14	A	8.92	−66.49	1.91	2.04	1.42	2.25	2.52	1.57	+29	+22	−11	+18	+13	+4	+7	+37	−30	+35	2	0.50
24715		05 18 03.85	−43 48 16.4	8.80		H	79.516 035 86	−43.804 551 32		2.63	1.93	4.23	0.68	0.79	0.84	0.73	0.97	−4	+13	−16	−15	−9	+19	−6	−27	+8	+3	0	2.05
24716		05 18 04.09	+13 25 04.0	7.74	2	H	79.517 040 47	+13.417 771 43		5.51	−14.35	−14.68	1.17	0.72	1.32	1.36	0.82	+11	+47	−19	+21	+29	−17	+12	+51	−20	+24	0	−1.59
24717	H	05 18 04.48	−55 42 26.1	9.00		H	79.518 682 94	−55.707 243 49	A	5.71	19.41	18.36	1.34	1.41	1.31	1.39	1.72	+9	−11	−4	−9	−14	−14	−15	−8	+6	+13	1	−0.68
24718	H	05 18 05.53	−80 57 52.9	8.44		H	79.523 042 58	−80.964 690 80	A	14.06	−49.80	47.59	0.90	0.93	0.88	0.98	1.14	−18	+12	−4	+0	−1	+1	+0	+25	−8	−16	0	0.21
24719		05 18 05.86	+52 23 28.7	9.30		G	79.524 403 72	+52.391 310 24		1.91	−1.58	−9.29	1.14	0.78	1.29	1.31	0.83	−18	+28	−13	+31	−16	−21	−20	+38	−9	−12	0	0.54
24720		05 18 06.18	+67 10 59.7	10.80		G	79.525 739 79	+67.183 239 34		22.57	111.49	−136.13	1.05	1.45	2.03	1.40	1.81	+9	+17	−6	+14	+24	+1	+23	+6	+3	+18	0	3.12
24721		05 18 07.04	−17 22 03.1	8.14		H	79.529 346 13	−17.367 523 74		4.44	19.33	4.66	0.70	0.68	0.95	0.78	0.81	+20	+23	−12	−8	−25	−4	−23	−6	+7	−11	2	−0.37
24722		05 18 08.07	−76 54 15.7	9.05		G	79.533 621 11	−76.904 354 47		16.00	244.09	137.81	0.69	0.60	0.73	0.70	0.82	−10	+19	+2	−7	−18	+3	−24	+5	−8	−13	1	1.10
24723		05 18 08.93	−16 11 13.7	7.61		H	79.537 192 14	−16.187 129 05		17.43	−97.79	27.69	0.93	0.97	1.43	1.21	1.26	+21	+7	−6	−20	−19	−3	−18	−16	−5	−20	0	
24724	H	05 18 10.18	+37 39 00.5	7.92		H	79.542 407 23	+37.650 142 17	A	0.37	3.98	−2.00	1.60	1.00	1.55	1.61	0.98	+16	+41	−1	+14	+15	+1	+5	+45	−19	+19	0	−0.14
24725		05 18 10.36	−61 57 02.8	7.87		H	79.543 174 70	−61.950 791 18		2.62	1.97	31.16	0.59	0.64	0.67	0.58	0.76	−5	+26	−14	−8	+0	−13	−1	+5	+8	+2	0	0.63
24726		05 18 10.44	+61 13 00.3	8.60		H	79.543 518 98	+61.216 749 10		2.38	1.22	−14.70	0.70	0.69	1.12	0.80	0.70	+12	+11	+9	−18	+9	−16	+8	−26	−12	+10	0	1.61
24727		05 18 10.55	+33 22 19.2	4.54		H	79.543 950 49	+33.372 004 11	+	13.92	29.86	−160.98	0.87	0.43	1.39	1.45	0.53	−32	+70	−40	−8	+6	+26	+22	−2	−6	−44	0	3.30
24728		05 18 10.59	+05 59 42.0	11.64		G	79.544 106 47	+05.995 005 51		15.16	17.32	−84.03	3.29	1.96	3.97	3.98	2.34	+10	+40	−17	+31	−19	+18	−23	+32	−30	+15	2	1.90
24729		05 18 10.79	+03 17 51.0	9.71		H	79.544 937 84	+03.297 503 35		1.53	−7.04	2.14	1.79	1.21	2.32	2.37	1.58	+26	+30	−15	+16	+18	+8	+4	+39	−38	+33	0	−1.54
24730		05 18 11.17	+09 12 59.5	7.41		H	79.546 523 68	+09.216 536 50		11.97	6.33	−32.24	0.98	0.61	1.03	1.10	0.71	+35	+39	−6	−16	+1	−5	−10	+17	−14	+53	0	−1.98
24731		05 18 11.83	−12 28 59.3	9.83		G	79.549 310 32	−12.483 131 84		2.59	−6.91	−3.13	1.04	1.01	1.53	1.05	1.07	−13	+26	−23	+20	−34	−5	−39	−11	−2	−13	0	1.81
24732		05 18 13.25	+73 16 05.3	5.81		H	79.555 219 62	+73.268 136 49		9.09	−7.94	−26.82	0.33	0.47	0.57	0.35	0.55	−4	+13	−7	−3	+4	+6	+5	−24	−2	−2	0	−1.37
24733		05 18 14.53	−45 34 47.1	10.14	3	H	79.560 521 25	−45.579 746 36		1.02	5.34	8.88	0.96	1.10	1.16	1.34	1.53	−11	−3	−9	−15	−1	+23	+0	−17	−3	−35	2	0.73
24734		05 18 14.62	+05 19 06.6	8.69		H	79.560 936 89	+05.318 510 28		−1.16	−1.16	−2.29	1.19	0.74	1.50	1.51	0.88	+21	+35	−10	+23	−24	+35	−23	+25	−16	+19	0	0.57
24735		05 18 15.42	+28 46 48.4	7.28		G	79.564 246 54	+28.780 105 53		12.30	−43.80	−35.88	0.92	0.56	1.03	1.07	0.59	+0	+36	−23	+8	+23	+1	+10	+40	−19	+23	2	1.26
24736		05 18 15.53	−25 15 07.8	7.54		G	79.564 692 61	−25.252 170 04		6.05	−35.25	−37.82	0.42	0.61	0.92	0.49	0.91	−6	+3	−5	−22	−3	+5	−6	+4	−45	−4	0	0.30
24737		05 18 15.60	−74 41 53.5	7.49		H	79.565 020 72	−74.698 195 29		2.47	−0.08	18.38	0.58	0.50	0.57	0.59	0.61	−11	+18	−8	−10	−9	+17	−11	+18	−12	−13	1	0.00
24738		05 18 15.68	+42 47 31.9	5.55	2	H	79.565 344 53	+42.792 185 17		4.70	18.11	−30.50	0.76	0.48	0.85	1.01	0.53	+7	+20	−9	+29	+4	−21	+0	+27	−7	+0	0	1.29
24739		05 18 18.55	−74 03 45.4	8.94		H	79.577 287 70	−74.062 617 09		5.53	−12.73	41.76	0.78	0.65	0.74	0.78	0.81	−4	+19	−20	−35	−10	+11	−14	+14	−21	−1	0	−0.80
24740		05 18 18.89	+33 46 02.7	6.15	3	H	79.578 703 41	+33.767 419 03		8.20	15.09	−29.06	0.71	0.41	0.78	0.67	0.41	+0	+46	−18	+15	+24	+3	+13	+33	−14	+20	4	0.41
24741		05 18 19.03	−21 49 28.3	7.96		H	79.579 296 47	−21.824 515 32		6.63	17.07	16.28	0.59	0.69	0.95	0.81	1.01	+8	+17	−19	+27	−9	−1	−11	+18	−6	+19	0	0.44
24742		05 18 19.52	−48 52 10.9	10.67		G	79.581 320 74	−48.869 688 28		6.39	184.41	−238.68	1.14	1.41	1.38	1.37	1.65	−2	+14	−11	+12	−14	+13	−13	−13	+8	−8	0	1.62
24743	H	05 18 19.74	+30 56 00.1	8.92		H	79.582 230 81	+30.933 371 20	*	4.31	1.91	−35.86	1.73	0.87	1.95	1.84	0.86	−5	+52	−29	+26	−7	+6	−11	+44	−16	+14	0	0.08
24744		05 18 21.07	+36 37 55.4	7.78	2	H	79.587 779 40	+36.632 049 93		2.70	−2.15	−5.01	0.98	0.56	1.04	1.30	0.59	−5	+27	−17	+19	−20	+3	−15	+32	−1	+6	0	−1.87
24745		05 18 22.03	+85 11 19.8	8.20		H	79.591 794 18	+85.188 829 29		2.92	3.97	−18.94	0.55	0.68	0.74	0.60	0.79	−1	+3	+1	+10	−3	+1	−3	+5	−10	−1	0	0.02
24746		05 18 22.48	+00 35 35.0	7.76		H	79.593 649 47	+00.593 060 09		7.11	12.31	15.55	0.83	0.59	0.97	1.08	0.72	+13	+22	−24	+12	+13	−4	+5	+38	−26	+25	0	−1.39
*24747		05 18 24.33	−02 32 07.5	8.72		H	79.601 380 35	−02.535 415 69		4.61	3.19	3.15	1.06	0.63	1.31	1.24	0.64	−26	+40	−30	+2	−47	+21	−43	+15	−29	−30	0	1.03
*24748		05 18 24.30	+47 02 53.5	7.72		G	79.601 270 28	+47.048 191 08		2.16	0.74	−1.29	0.97	0.54	1.06	1.24	0.58	+9	+34	+4	−16	+11	−12	+5	+3	−14	−4	0	1.22
24749		05 18 25.47	−05 39 38.5	7.06		H	79.606 117 14	−05.660 705 87		7.29	−6.55	−89.67	0.70	0.52	0.87	0.78	0.60	+8	+34	+3	+3	−21	−9	−24	+9	−15	+9	0	1.80
24750		05 18 26.28	−20 52 40.6	8.54		H	79.609 513 63	−20.877 954 45		4.48	6.68	0.70	0.59	0.76	1.32	1.15	1.20	+17	+6	−18	+22	−10	+21	−7	+23	−33	−10	0	−0.27
24751	H	05 18 26.46	−41 02 39.7	7.88		H	79.610 270 29	−41.044 355 45	A	7.07	5.54	−19.21	1.11	1.25	1.24	1.12	1.43	−8	+19	−13	−5	+2	−11	−3	−25	−4	−9	2	−0.34
24752		05 18 26.73	−04 37 16.0	10.03		H	79.611 387 05	−04.621 098 79		6.84	0.31	−1.19	1.54	1.02	1.88	1.57	1.10	−15	+40	−13	+1	−29	+3	−31	+8	−15	−15	0	0.29
24753		05 18 27.86	+06 44 47.6	8.04		H	79.616 090 19	+06.746 564 11		2.95	12.17	−21.59	1.06	0.70	1.23	1.34	0.85	+27	+41	−13	+5	+10	−28	−7	+38	−29	+56	0	0.23
24754		05 18 28.21	−51 25 35.8	8.27		H	79.617 532 78	−51.426 611 73		27.03	−33.37	−154.80	0.59	0.76	0.74	0.69	0.92	−8	−3	−18	+2	−4	−8	−2	−15	−11	+10	0	0.25
24755		05 18 28.67	+30 22 39.5	8.34		H	79.619 465 55	+30.377 635 57		4.79	2.80	−16.16	1.23	0.69	1.39	1.26	0.71	+8	+41	−12	+1	+19	+3	+5	+36	−19	+26	2	−0.30
24756		05 18 28.88	−50 43 41.3	8.50		H	79.620 316 35	−50.728 128 58		1.82	22.53	−8.63	0.61	0.72	0.71	0.74	0.89	−6	+9	−13	+12	−17	+10	−16	−18	−8	−3	0	1.40
24757		05 18 29.92	+02 05 28.9	9.65		H	79.624 683 66	+02.091 370 81		3.36	0.22	1.64	1.35	0.90	1.51	1.58	1.05	+5	+36	−3	+22	−7	+11	−9	+29	−10	+5	0	−1.59
24758		05 18 29.97	−01 08 17.7	9.34		H	79.624 893 65	−01.138 238 95		4.43	1.93	0.66	1.16	0.70	1.48	1.27	0.72	−7	+36	−10	−6	−34	+8	−33	+4	−19	−16	0	−1.04
24759		05 18 30.33	+30 15 29.7	9.88		G	79.626 367 96	+30.258 239 65		0.82	−0.17	−4.34	1.64	0.91	1.85	1.77	0.96	+2	+39	−10	−1	+13	+4	+1	+33	−19	+13	0	1.84
24760		05 18 31.08	+75 56 49.2	7.42	2	H	79.629 493 33	+75.947 012 26		7.31	7.66	5.89	0.45	0.58	0.70	0.54	0.73	+3	+0	+7	−2	+9	+16	+10	−17	+0	+12	0	1.08
24761		05 18 31.63	+21 47 32.8	7.30		H	79.631 793 81	+21.792 430 83		3.89	−4.21	−10.04	1.05	0.92	1.06	1.44	1.01	+55	−2	−37	+34	+64	−17	+53	+82	−37	+66	3	−2.01
24762		05 18 31.87	+04 10 33.8	9.53		H	79.632 783 49	+04.176 065 14		2.70	2.99	−11.10	1.62	1.11	1.97	2.37	1.40	+35	+19	+0	+19	+7	+7	+5	+38	−9	+48	2	−0.69
*24763		05 18 32.39	−68 13 33.2	11.09	3	H	79.634 944 69	−68.225 900 28		8.91	96.63	55.06	1.89	2.00	1.97	2.10	2.38	−20	+22	−7	−24	+16	+2	+18	−6	+2	−29	0	0.23
*24764		05 18 32.37	+47 19 45.7	8.46		H	79.634 886 44	+47.329 348 55		4.82	−2.49	0.82	1.02	0.60	1.18	1.22	0.62	+11	+30	−1	+23	+8	−11	+0	+21	−18	+0	0	−0.70
*24765		05 18 32.68	−45 05 26.6	9.27		H	79.636 147 58	−45.090 724 95		1.75	4.87	−14.23	0.87	0.92	0.99	1.09	1.33	−8	+19	−12	+29	−12	+4	−14	−6	+12	−17	0	0.15
*24766		05 18 32.62	+48 55 24.9	6.93		H	79.635 927 38	+48.923 573 70		5.17	15.42	−29.88	0.75	0.49	0.83	0.88	0.51	+18	+33	+19	+30	−10	−15	−6	+25	+2	−1	0	−0.04
24767		05 18 33.40	+39 21 04.4	7.91		G	79.639 149 90	+39.351 232 48		3.85	−8.89	−27.51	1.09	0.63	1.16	1.25	0.67	−19	+36	−26	+41	−16	+5	−20	+44	−20	−8	0	−2.33
24768		05 18 39.53	−07 44 09.0	8.44		H	79.664 709 05	−07.735 841 22		6.27	19.29	−17.41	1.03	0.78	1.24	1.09	0.86	−27	+40	−24	+36	−33	+9	−34	+38	−12	−21	0	1.34
24769		05 18 39.78	+52 05 13.2	8.26		H	79.665 734 28	+52.087 003 75		1.76	0.98	−1.85	0.93	0.63	1.05	1.10	0.65	−5	+22	−9	+17	−18	−19	−18	+21	−2	−5	0	0.19
24770		05 18 40.30	+38 42 38.0	9.08	2	G	79.667 904 85	+38.710 556 38		0.94	0.16	−2.56	2.69	1.70	3.12	3.19	1.87	+13	+30	−14	+0	+7	+11	+1	+16	−16	+23	0	
24771		05 18 40.32	+40 27 54.6	6.22		H	79.668 013 88	+40.465 157 15		4.82	3.48	−13.65	0.93	0.53	1.07	1.00	0.56	−8	+51	−20	+36	−13	+21	−16	+38	−20	−7	0	−0.22
24772		05 18 40.71	−32 19 22.2	9.43		H	79.669 635 36	−32.322 828 51		1.84	−5.45	−2.97	0.75	0.92	1.08	0.85	1.20	−3	+16	+1	+12	−4	+7	−6	−14	−16	−2	0	−0.02
24773		05 18 41.11	−10 30 19.4	8.44		H	79.671 292 65	−10.505 383 07		3.65	−11.52	−5.45	1.07	0.85	1.27	1.03	0.94	−48	+44	−20	+54	−47	+12	−47	+43	−14	−44	3	1.43
24774		05 18 41.34	+03 58 53.6	9.29		H	79.672 235 36	+03.981 559 95	A	3.81	50.10	42.25	3.40	2.51	3.84	4.31	2.82	+36	+11	−1	+19	+17	−9	+14	+40	−14	+51	13	−0.01
24775		05 18 41.75	+44 07 18.9	8.54		H	79.673 937 68	+44.121 903 57		2.25	−4.48	−4.02	1.06	0.69	1.14	1.14	0.71	+28	+31	−11	+29	+27	−8	+19	+40	−14	+38	0	−0.95
24776		05 18 42.35	+28 05 26.3	8.69		H	79.676 439 58	+28.090 637 18		6.80	0.71	−13.78	1.30	0.75	1.41	1.66	0.79	+0	+38	−30	+21	+19	−1	+11	+38	−12	+18	0	1.74
24777		05 18 42.66	−14 01 06.1	9.08		G	79.677 733 71	−14.018 353 09		25.48	228.13	−43.22	1.00	0.89	1.39	0.95	1.00	−16	+45	−28	+9	−25	−9	−32	+13	−8	−13	0	1.24
24778		05 18 43.86	+20 50 22.2	10.93		H	79.682 770 57	+20.839 497 16		−1.72	18.42	−6.68	2.97	1.85	3.89	3.29	1.93	−3	+55	−46	−6	+51	−42	−2	+69	−48	+50	3	1.75
24779		05 18 43.93	−62 59 05.7	7.22		H	79.683 057 34	−62.984 919 15		1.68	−5.41	−11.24	0.58	0.57	0.60	0.67	0.76	−7	+6	+1	−12	−5	−5	−3	+2	+8	−21	0	1.66
24780		05 18 46.06	−28 52 20.6	8.23		H	79.691 901 74	−28.872 388 27		3.97	3.10	−14.32	0.55	0.68	0.90	0.67	0.88	−10	+12	−16	+4	+8	+0	+5	+8	−29	+0	0	−0.03
24781		05 18 46.32	−17 34 22.0	7.84		H	79.692 994 89	−17.572 781 01		13.28	75.26	−0.66	0.66	0.69	0.90	0.69	0.77	+24	+13	−16	−18	−33	+2	−33	−21	+8	−9	0	0.13
24782	H	05 18 47.18	+52 49 51.4	7.74		H	79.696 580 88	+52.830 947 17	A	8.07	37.56	16.98	2.13	1.54	1.92	2.28	1.62	−33	+1	−11	+28	−34	−8	−28	+28	−5	−54	0	0.19
24783	H	05 18 47.28	−21 23 37.2	9.35		G	79.696 990 88	−21.393 665 93	A	49.34	−139.42	−39.09	1.42	1.63	2.13	1.84	2.04	+4	+26	−20	+18	−19	+15	−16	+11	−2	+6	1	0.62
24784		05 18 47.28	+17 06 17.5	9.27		H	79.696 994 05	+17.104 862 42		3.51	0.61	2.99	1.21	0.78	1.28	1.55	0.87	+26	+35	+9	+8	+15	−11	+12	+32	−8	+17	3	−0.02
24785		05 18 47.40	+15 06 19.7	11.06		H	79.697 499 43	+15.105 480 32		−16.43	−0.53	1.98	2.96	1.81	3.18	3.25	1.82	+10	+34	+1	−5	+31	+16	+18	+41	−15	+14	19	3.14
24786		05 18 50.24	−18 07 48.7	5.96		G	79.709 316 20	−18.130 199 46		40.11	385.00	61.32	0.57	0.52	0.76	0.61	0.61	+10	+25	−21	−21	−24	+8	−22	−10	−12	−25	5	0.30
24787		05 18 51.30	−22 25 37.9	8.89		H	79.713 758 85	−22.427 201 59		6.24	−6.28	−17.49	0.78	0.87	1.18	1.12	1.09	−12	+15	−12	+32	−29	+2	−27	+11	+4	−18	0	1.78
24788		05 18 52.32	+59 45 47.0	9.25		G	79.717 989 54	+59.763 052 70		5.82	−7.78	−2.19	0.88	0.70	1.13	1.07	0.76	−15	+10	−10	−34	+23	−8	+20	−32	+5	+6	0	0.47
24789		05 18 52.93	+13 34 01.9	7.45		H	79.720 539 29	+13.567 195 41		7.97	−7.63	−8.36	1.02	0.66	1.19	1.28	0.73	+11	+45	−28	+4	+40	−27	+17	+52	−23	+35	0	0.32
24790	H	05 18 54.36	+49 03 56.6	9.30		H	79.726 497 59	+49.065 719 03	A	0.33	−1.40	−0.05	2.58	1.51	2.53	2.41	1.40	+8	+43	+1	+37	−4	+1	−3	+30	−2	+13	0	−0.80
24791		05 18 54.98	−51 34 46.2	7.58		H	79.729 100 77	−51.579 487 69		3.48	7.77	15.42	0.52	0.63	0.62	0.54	0.70	−8	−11	−8	+2	−11	+7	−11	−14	−8	−12	0	0.98
24792		05 18 55.01	+64 10 03.3	9.88		H	79.729 205 69	+64.167 589 45		0.22	8.78	−8.96	0.97	0.98	1.80	1.05	1.10	−25	+24	−11	−15	+25	−14	+17	−8	−23	−16	0	0.72
24793		05 18 55.40	+41 05 44.0	6.69		H	79.730 818 80	+41.095 564 05		3.77	−15.23	−26.56	0.88	0.49	1.02	0.84	0.50	+8	+49	−16	+29	+4	+12	−1	+29	−13	+19	0	1.10
24794		05 18 55.55	+60 14 55.1	9.12		H	79.731 447 82	+60.248 642 79		4.90	1.21	0.71	0.93	0.79	1.22	1.10	0.83	−26	−6	+7	−43	+32	+6	+27	−36	−22	−9	0	0.71
24795		05 18 56.92	+36 11 50.1	8.26		H	79.737 172 79	+36.197 261 87		2.68	−0.82	−4.72	1.10	0.61	1.20	1.38	0.63	−5	+35	−15	+24	−18	+9	−17	+20	−12	−1	0	0.69
24796		05 18 57.21	+35 51 50.8	8.99		H	79.738 365 20	+35.864 111 80		2.68	−0.89	−5.72	1.19	0.61	1.31	1.20	0.62	+13	+47	−3	+4	−10	−5	−15	+14	−16	+23	0	−1.94
24797		05 18 58.09	−37 20 24.7	9.20		H	79.742 054 89	−37.340 193 86		2.36	−1.23	−9.84	0.69	1.10	1.02	0.74	1.22	+9	−9	−12	−13	−11	+21	−14	−40	+15	+0	3	0.66
24798		05 18 59.54	+72 35 23.7	10.72		H	79.748 078 38	+72.589 908 23	A	8.83	7.96	−40.14	1.89	2.65	3.18	1.87	3.14	−7	+18	−2	+18	+4	+0	+3	−6	−3	−11	1	−0.07
24799		05 19 00.02	+33 44 54.5	5.38	1	H	79.750 080 50	+33.748 465 76		7.28	13.62	−29.63	0.64	0.41	0.70	0.70	0.43	−2	+41	−11	+22	+1	−5	+2	+37	+1	−1	0	0.74
24800	H	05 19 01.07	−21 59 03.0	8.25		G	79.754 451 68	−21.984 173 26	*	5.92	14.22	−15.74	1.49	1.60	1.41	1.23	1.26	−9	+18	−18	+15	−22	+18	−17	+13	−1	+1	1	0.64

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
24701	9.644	0.021	9.545	0.027		0.089	0.031	T	0.10	0.03	L	9.5823	0.0017	0.021	106		9.54	9.62					1							
24702	9.471	0.018	8.892	0.017		0.543	0.018	T	0.62	0.02	L	8.9344	0.0017	0.019	107		8.90	8.98					1							
24703	8.705	0.014	7.473	0.009		1.052	0.013	T	1.02	0.01	L	7.5231	0.0008	0.006	60		7.51	7.53					1							S
24704	9.401	0.012	8.211	0.008		1.019	0.011	T	0.99	0.01	L	8.2656	0.0013	0.016	196		8.24	8.29		C			1							
24705	10.462	0.043	9.900	0.041		0.526	0.053	T	0.60	0.06	L	9.9661	0.0033	0.023	66		9.93	10.01		C			1							G
24706	10.244	0.035	8.851	0.019		1.178	0.031	T	1.14	0.03	L	8.9053	0.0014	0.014	74		8.88	8.93		C			1							
24707	10.071	0.026	8.154	0.011		1.626	0.023	T	2.39	0.05	O	7.9644	0.0035	0.036	97		7.91	8.02		U 2			1 S							S
24708	9.712	0.025	7.724	0.010		1.648	0.021	T	1.67	0.02	L	7.6066	0.0026	0.022	80		7.57	7.64		U 2			1							
24709	7.224	0.009	7.341	0.009		−0.117	0.018	G	−0.10	0.02	H	7.3469	0.0009	0.007	73		7.34	7.36		C			1							S
24710	10.303	0.035	9.093	0.019	*	1.015	0.015	G	0.99	0.01	H *	9.4270	0.0274	0.318	150	*	9.24	10.33		U 2	05180−2729	I 1	2 C D	AB	93	4.116	0.007	0.02	0.06	G W
24711	9.082	0.012	8.434	0.011	A	0.594	0.012	T	0.66	0.01	L	8.5141	0.0072	0.034	118	A	8.47	8.58		D	05181−3402	I 2	1 C P A							S
24712	11.601	0.106	10.541	0.062	B	0.919	0.093	T	0.92	0.07	L	10.7969	0.0517			B				D	05181−3402	I 2	1 C I A							
24713	10.513	0.027	8.592	0.010		1.595	0.023	T	1.61	0.02	L	8.5232	0.0035	0.033	148		8.48	8.58		U 2			1							
24714	8.737	0.014	8.328	0.014	*	0.387	0.018	T	0.45	0.02	L *	8.3013	0.0018	0.013	63	*	8.28	8.33		D	05181+0342	I 1	2 C A	AB	286	0.815	0.006	1.10	0.02	
24715	9.179	0.015	8.837	0.016		0.331	0.024	T	0.39	0.03	L	8.8826	0.0023	0.021	103		8.85	8.92		C			1							
24716	9.909	0.030	8.039	0.013		1.587	0.027	T	3.22	0.04	O	7.5717	0.0085	0.075	61		7.40	7.70		U 2			1 S							
24717	9.531	0.056	8.704	0.029	*	0.745	0.048	T	0.79	0.03	L *	9.1440	0.0018	0.014	99	*	9.11	9.16		D	05181−5542	I 1	2 C A	AB	209	2.079	0.008	1.67	0.04	
24718	9.179	0.013	8.537	0.012	A	0.700	0.495	G	0.62	0.02	L *	8.5616	0.0017	0.015	125	*	8.54	8.59		D	05181−8058	I 1	2 C A	AB	153	2.154	0.018	2.92	0.07	S
24719	9.519	0.025	9.280	0.028		0.180	0.015	G	0.20	0.02	H	9.3590	0.0023	0.019	89		9.32	9.39		C			1							
24720	12.190	0.127	11.011	0.071		1.200	0.020	G	1.33	0.04	I	10.9414	0.0035	0.035	146		10.87	11.00		C			1							G
24721	9.493	0.018	8.255	0.011		1.057	0.016	T	1.02	0.01	L	8.3112	0.0015	0.017	109		8.28	8.34					1							
24722	9.843	0.019	9.127	0.016		0.662	0.002	G	0.72	0.00	H	9.1792	0.0018	0.018	113		9.15	9.21		C			1							
24723	8.790	0.011	7.711	0.007		0.930	0.015	G	0.92	0.01	H	7.7708	0.0011	0.011	130		7.76	7.79		C			1 X							S
24724	7.917	0.013	7.793	0.016	*	0.090	0.015	G	0.06	0.01	L *	7.9430	0.0019	0.014	84	*	7.92	7.97			05182+3739	I 1	2 C B	AB	69	2.691	0.031	2.81	0.11	S
24725	9.434	0.017	8.008	0.009		1.204	0.015	T	1.16	0.01	L	8.0390	0.0012	0.012	103		8.02	8.06			05182−6157	I 1	1							S
24726	10.481	0.032	8.755	0.014		1.520	0.015	G	1.56	0.02	I	8.7052	0.0017	0.017	144		8.67	8.75		C			1							
24727	6.188	0.004	4.687	0.002		1.252	0.005	G	1.32	0.03	C	4.6926	0.0007	0.006	85		4.68	4.71			05182+3322	I 1	1 O							S
24728						1.146	0.005	G	1.11	0.01	I	11.8094	0.0053	0.053	73		11.68	11.87					1							D
24729	9.978	0.032	9.741	0.040		0.221	0.051	T	0.24	0.06	L	9.7753	0.0028	0.025	55		9.73	9.81		D			1							
24730	7.649	0.009	7.435	0.009		0.204	0.012	T	0.22	0.01	L	7.4716	0.0013	0.008	52		7.46	7.49		C			1							S
24731	10.064	0.045	9.853	0.054		0.102	0.002	G	0.12	0.00	H	9.8691	0.0031	0.018	67		9.84	9.90		C			1							
24732	5.779	0.002	5.807	0.002		−0.023	0.002	T	0.00	0.00	L	5.8126	0.0005	0.006	179		5.80	5.82					1							S
24733	10.180	0.026	10.186	0.039		−0.001	0.043	T	0.02	0.04	L	10.1485	0.0031	0.049	108		10.10	10.45		P 1 A			1							G
24734	8.635	0.011	8.671	0.014		−0.017	0.030	G	0.01	0.03	H	8.6902	0.0017	0.012	81		8.67	8.71		C			1							
24735	7.650	0.009	7.318	0.009		0.308	0.002	G	0.35	0.00	H	7.3578	0.0013	0.010	80		7.34	7.38		C			1							S
24736	8.863	0.009	7.634	0.006		1.036	0.015	G	1.01	0.01	H	7.7021	0.0011	0.015	189		7.68	7.73					1							S
24737	9.505	0.017	7.662	0.008		1.533	0.015	T	1.58	0.03	L	7.6129	0.0013	0.010	106		7.60	7.63		C			1							S
24738	7.566	0.012	5.811	0.009		1.492	0.012	T	2.77	0.03	O	5.5156	0.0062	0.055	64		5.44	5.68		U 2			1 S							S
24739	9.323	0.016	8.970	0.017		0.343	0.021	T	0.40	0.03	L	9.0229	0.0015	0.012	101		9.00	9.05		C			1							
24740	6.087	0.005	6.138	0.007		−0.043	0.007	T	−0.02	0.01	L	6.1401	0.0012	0.067	80		6.13	6.70		P 1 A			1							S P
24741	8.205	0.008	7.971	0.010		0.218	0.013	T	0.24	0.01	L	8.0240	0.0014	0.014	137		8.00	8.05		C			1							S
24742	11.158	0.065	10.640	0.063		0.529	0.032	G	0.60	0.03	H	10.7907	0.0041	0.035	94		10.74	10.85		C			1 S							G
24743	9.638	0.024	8.990	0.022	*	0.601	0.028	T	0.67	0.03	L *	9.0487	0.0024	0.015	68	*	9.02	9.07		C	05183+3056	H 1	2 C S A	AB	14	0.123	0.009	0.28	0.58	
24744	7.914	0.029	7.841	0.028		0.066	0.036	T	0.08	0.04	L	7.8029	0.0144	0.201	78		7.72	8.23		P 1 A			1							S
24745	9.990	0.023	8.346	0.011		1.375	0.020	T	1.35	0.02	L	8.3468	0.0018	0.018	122		8.32	8.38					1							
24746	8.101	0.011	7.785	0.011		0.305	0.015	G	0.35	0.02	H	7.8369	0.0015	0.009	67		7.82	7.86		C			1							S
24747	9.035	0.013	8.755	0.014		0.266	0.018	T	0.30	0.02	L	8.7909	0.0010	0.013	112		8.77	8.82					1							
24748	9.096	0.021	7.856	0.014		1.130	0.015	G	1.09	0.02	H	7.8518	0.0012	0.008	64		7.83	7.86		C			1							S
24749	8.572	0.010	7.189	0.006		1.170	0.009	T	1.13	0.01	L	7.2261	0.0011	0.009	88		7.21	7.24		C			1							S
24750	10.151	0.018	8.659	0.010		1.256	0.016	T	1.21	0.02	L	8.7008	0.0016	0.021	207		8.66	8.74					1							
24751	8.483	0.013	7.990	0.011	*	0.475	0.013	T	0.55	0.01	L *	7.9851	0.0016	0.014	121	*	7.96	8.01		D	05184−4103	I 1	2 C A	AB	79	0.730	0.002	0.77	0.01	S
24752	10.549	0.041	9.990	0.039		0.528	0.042	T	0.60	0.04	L	10.1440	0.0029	0.027	103		10.09	10.18		C			1							G
24753	9.329	0.022	8.138	0.015		1.020	0.021	T	0.99	0.02	L	8.2034	0.0021	0.012	66		8.18	8.22					1							S
24754	9.186	0.014	8.354	0.011		0.733	0.014	T	0.78	0.01	L	8.4096	0.0017	0.015	98		8.38	8.43		C			1							
24755	9.695	0.026	8.458	0.016		1.056	0.024	T	1.02	0.02	L	8.5031	0.0021	0.013	67		8.48	8.52		C			1							
24756	10.018	0.023	8.610	0.013		1.190	0.021	T	1.15	0.02	L	8.6621	0.0014	0.012	99		8.64	8.68		C			1							
24757	9.700	0.027	9.684	0.038		0.015	0.041	T	0.03	0.04	L	9.6637	0.0026	0.022	65		9.64	9.70					1							
24758	9.398	0.016	9.336	0.021		0.056	0.024	T	0.07	0.02	L	9.3622	0.0021	0.023	126		9.33	9.40					1							
24759	10.040	0.035	10.040	0.051		0.265	0.015	G	0.30	0.02	H	9.9180	0.0025	0.020	72		9.89	9.95		C			1							G
24760	8.800	0.010	7.542	0.006		1.072	0.009	T	1.04	0.01	L	7.5844	0.0045	0.036	168		7.54	7.63		U 2			1							S P
24761	7.573	0.008	7.327	0.008		0.234	0.011	T	0.26	0.01	L	7.3631	0.0011	0.008	74		7.35	7.38					1							S
24762	10.034	0.030	9.531	0.029		0.473	0.038	T	0.54	0.04	L	9.6350	0.0023	0.019	67		9.60	9.67		D			1							
24763											T	11.2337	0.0227	0.190	93		11.07	11.70	0.29	P 1 A			1							G
24764	8.583	0.014	8.487	0.017		0.127	0.015	G	0.14	0.01	H	8.5054	0.0014	0.010	65		8.48	8.53					1							
24765	11.353	0.076	9.444	0.024		1.619	0.066	T	1.63	0.18	O	9.3830	0.0021	0.023	105		9.34	9.43					1							
24766	8.584	0.012	7.059	0.007		1.282	0.011	T	1.24	0.01	L	7.0853	0.0011	0.008	88		7.07	7.10		C			1							S
24767	8.455	0.014	7.951	0.012		0.460	0.014	G	0.53	0.01	H	8.0234	0.0017	0.015	90		8.00	8.05		C			1							S
24768	8.788	0.014	8.473	0.014		0.299	0.019	T	0.34	0.03	L	8.5197	0.0022	0.017	78		8.49	8.54					1							S
24769	9.898	0.025	8.419	0.013		1.245	0.022	T	1.20	0.02	L	8.4225	0.0014	0.014	94		8.39	8.45		C			1							
24770	9.089	0.018	9.153	0.024		0.145	0.015	G	0.16	0.01	H	9.0228	0.0030	0.024	79		9.00	9.07		U 2 C			1 X S							
24771	8.012	0.012	6.354	0.005		1.386	0.010	T	1.36	0.01	L	6.3629	0.0012	0.007	79		6.35	6.37					1							S
24772	10.616	0.034	9.525	0.022		0.934	0.032	T	0.93	0.02	L	9.5720	0.0017	0.022	133		9.54	9.61					1							
24773	8.708	0.012	8.479	0.013		0.218	0.017	T	0.24	0.02	L	8.5070	0.0018	0.017	82		8.48	8.54		C			1 S							
24774	9.927	0.031	9.268	0.026	A	0.611	0.034	T	0.68	0.03	L	9.4241	0.0292	0.068	64	A	9.32	9.51		D	05187+0359	I 1	2 C A	AB	112	16.726	0.023	1.29	0.11	
24775	10.160	0.037	8.689	0.020		1.239	0.033	T	1.20	0.03	L	8.6996	0.0020	0.019	78		8.67	8.73					1							
24776	8.949	0.016	8.723	0.019		0.216	0.023	T	0.24	0.03	L	8.7613	0.0014	0.013	67		8.74	8.78		D			1							
24777	10.098	0.028	9.149	0.020		0.834	0.002	G	0.88	0.00	H	9.2197	0.0028	0.021	92		9.17	9.26					1							
24778	11.447	0.129	10.895	0.131		0.517	0.164	T	0.59	0.17	L	11.0462	0.0063	0.032	65		10.99	11.11		C	05187+2050	I 1	1							G
24779	9.040	0.015	7.377	0.008		1.390	0.013	T	1.36	0.02	L	7.3628	0.0012	0.011	93		7.34	7.38					1							S
24780	8.590	0.009	8.270	0.009		0.304	0.012	T	0.35	0.02	L	8.3043	0.0014	0.016	154		8.28	8.33		C			1							S
24781	8.402	0.011	7.890	0.008		0.491	0.010	T	0.56	0.01	L	7.9433	0.0013	0.014	109		7.92	7.96		C			1							S
24782	8.445	0.019	7.887	0.022	*	0.522	0.026	T	0.59	0.03	L *	7.8515	0.0012	0.010	77	*	7.84	7.87		D	05188+5250	I 1	2 C A	AB	305	0.993	0.005	0.48	0.02	
24783	11.053	0.055	9.537	0.025	A	1.298	0.001	G	1.60	0.02	A *	9.4321	0.0025	0.030	160	*	9.39	9.48		D	05188−2124	I 1	2 C B	AB	77	4.968	0.034	3.03	0.16	
24784	9.681	0.023	9.322	0.025		0.401	0.015	G	0.47	0.02	H	9.3621	0.0022	0.016	66		9.34	9.39		C			1							
24785						0.511	0.150	G	0.58	0.16	R	11.1726	0.0046	0.037	79		11.11	11.24		C			1 S							G
24786	6.651	0.005	6.023	0.004		0.572	0.006	G	0.64	0.02	A	6.0773	0.0008	0.007	94		6.07	6.09			05188−1808	I 1	1							S
24787	9.269	0.013	8.906	0.013		0.354	0.016	T	0.42	0.02	L	8.9729	0.0027	0.026	141		8.93	9.02					1							S
24788	9.459	0.013	9.270	0.016		0.180	0.015	G	0.20	0.02	H	9.3041	0.0020	0.023	175		9.27	9.34					1							
24789	7.479	0.008	7.445	0.012		0.033	0.005	G	0.05	0.00	H	7.4640	0.0013	0.013	60		7.44	7.48					1							S
24790	9.448	0.022	9.439	0.031	A	0.000	0.495	G	0.02	0.04	L *	9.3110	0.0032	0.021	91	*	9.28	9.36		D	05189+4904	I 1	2 C A	AB	10	4.206	0.017	2.29	0.09	
24791	8.697	0.011	7.684	0.008		0.888	0.020	G	0.89	0.02	A	7.7426	0.0011	0.011	100		7.73	7.76		C			1							S
24792	11.402	0.057	9.957	0.025		1.219	0.049	T	1.18	0.05	L	10.0432	0.0023	0.026	151		10.00	10.09		C			1							G
24793	8.687	0.017	6.859	0.008		1.521	0.015	T	1.56	0.02	L	6.8140	0.0012	0.009	75		6.80	6.83					1							S
24794	9.534	0.014	9.160	0.015		0.390	0.015	G	0.46	0.02	H	9.2087	0.0020	0.022	162		9.18	9.25			05189+6015	I 1	1							
24795	8.326	0.012	8.266	0.014		0.090	0.015	G	0.10	0.02	H	8.2967	0.0019	0.016	77		8.27	8.32			05189+3612	I 1	1							
24796	9.041	0.017	8.993	0.022		0.070	0.015	G	0.08	0.02	H	9.0246	0.0021	0.012	84		9.00	9.05		C			1							
24797	10.910	0.047	9.339	0.020		1.318	0.040	T	1.28	0.05	L	9.3546	0.0019	0.016	111		9.32	9.38		C			1							
24798	11.715	0.074	10.751	0.052	A	0.847	0.067	T	0.86	0.05	L	10.8752	0.0209	0.045	182	A	10.78	10.97			05190+7235	H 1	2 C C	AB	231	11.915	0.039	2.17	0.17	G
24799	5.157	0.003	5.351	0.004		−0.167	0.004	T	−0.17	0.01	L	5.3217	0.0007	0.006	88		5.31	5.33	2.47	P 1 A			1							S P
24800	8.799	0.010	8.315	0.009	*	0.470	0.015	G	0.54	0.02	H *	8.3465	0.0014	0.017	133	*	8.32	8.38		D	05190−2159	I 1	2 C A	AS	330	0.281	0.006	0.81	0.07	S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
24801		05 19 01.28	+58 06 35.5	8.95		H	79.755 332 38	+58.109 856 40		6.24	32.88	−40.66	0.91	0.73	1.20	1.12	0.79	+14	+6	−6	−4	+14	−17	+12	+0	−1	+10	0	0.77
24802		05 19 02.65	+09 09 28.8	8.47		H	79.761 055 18	+09.158 009 58		5.11	−1.35	−20.31	1.06	0.68	1.15	1.30	0.82	+23	+28	+0	−14	+7	+3	−1	+17	−4	+42	0	−1.25
24803		05 19 03.49	+00 26 18.6	9.42		H	79.764 552 10	+00.438 499 72		4.76	−1.48	1.69	1.22	0.99	1.52	1.57	1.18	+19	+15	−33	+20	+29	−9	+16	+60	−39	+33	0	−0.32
24804		05 19 04.05	−08 39 11.0	9.29		H	79.766 877 17	−08.653 053 67		4.69	−40.27	−17.34	0.97	0.79	1.24	1.19	0.95	−12	+10	+4	+15	−25	−7	−23	+16	+9	−18	0	1.41
24805		05 19 04.09	+50 41 45.8	8.44		H	79.767 054 87	+50.696 051 50		3.66	0.62	−7.20	1.01	0.65	1.14	1.13	0.63	+9	+6	−16	−7	−11	+13	−8	−1	+11	+23	0	0.62
24806		05 19 04.93	−60 01 23.5	9.28		H	79.770 551 17	−60.023 187 34		1.09	−4.79	8.13	0.76	0.84	0.87	0.94	0.97	+6	−9	−3	−6	−14	+25	−14	−16	+3	+3	1	0.21
24807		05 19 06.10	+10 32 00.9	8.07		H	79.775 417 62	+10.533 575 67		7.90	−20.47	−31.55	1.04	0.71	1.23	1.27	0.81	+26	+24	−11	+12	+33	−3	+16	+57	−29	+43	0	−1.84
24808		05 19 06.40	+64 32 22.5	8.94		H	79.776 677 83	+64.539 577 31		4.14	8.02	−36.92	0.71	0.71	1.09	0.82	0.80	−31	+8	+0	−17	+35	−5	+33	−12	−9	−23	2	1.48
24809		05 19 07.20	−04 57 34.7	8.78		H	79.779 990 31	−04.959 643 65		8.03	1.06	−1.18	1.05	0.67	1.30	1.08	0.76	−7	+49	−7	−3	−19	−6	−26	+10	−20	−3	0	0.30
24810		05 19 07.26	−24 09 59.1	8.77		H	79.780 270 09	−24.166 412 88		3.33	39.01	−9.37	0.50	0.78	1.34	0.63	1.15	−20	−2	−9	−2	−7	+10	−6	+5	−34	−25	0	0.34
24811		05 19 07.47	−01 05 55.7	8.52		G	79.781 127 85	−01.098 804 45		1.54	0.43	−0.73	0.86	0.53	1.13	0.91	0.55	−2	+35	+1	−12	−23	+11	−26	−6	−23	−13	0	0.18
24812	H	05 19 07.65	+14 29 34.4	8.61		G	79.781 861 34	+14.492 884 42	A	5.25	−1.62	−6.24	5.48	1.39	1.38	1.54	0.94	−4	+11	−4	+8	+16	−9	+0	+34	−21	+35	1	−1.05
24813		05 19 08.08	+40 06 02.4	4.69		H	79.783 659 93	+40.100 667 32		79.08	519.39	−664.79	0.84	0.49	0.90	0.87	0.51	−12	+46	−19	+41	−18	+6	−19	+38	−11	−2	0	0.46
24814		05 19 09.43	−31 32 05.2	9.05		H	79.789 309 47	−31.534 767 37		2.03	2.63	−13.58	0.77	0.81	1.02	0.90	0.98	−3	+16	−11	−15	+2	+6	+1	−20	−7	−3	1	0.47
24815		05 19 10.21	+35 47 32.5	9.08	2	H	79.792 525 01	+35.792 349 71		2.40	−2.39	−5.05	1.40	0.70	1.57	1.38	0.71	+3	+49	−11	+5	−1	+1	−8	+14	−14	+17	0	0.70
24816		05 19 10.68	+45 00 41.4	8.33		H	79.794 520 38	+45.011 506 83		5.96	5.29	−4.02	1.01	0.59	1.06	1.09	0.61	+15	+39	−15	+20	+31	−7	+24	+30	−2	+38	0	0.68
24817		05 19 11.23	+02 35 45.4	5.34		G	79.796 789 85	+02.595 936 01		16.47	−18.14	−53.30	0.92	0.55	1.21	1.02	0.70	+17	+49	+3	+21	+12	+24	−12	+32	−43	+2	0	−0.33
24818		05 19 11.38	−41 34 45.9	8.99		H	79.797 410 17	−41.579 423 90		3.18	0.17	−14.07	0.72	0.86	0.90	0.73	1.09	+5	+11	+0	−21	+0	+4	+0	−23	+2	−6	1	−0.21
24819	H	05 19 12.25	−03 04 26.9	7.77		G	79.801 037 51	−03.074 140 77	A	59.29	702.14	136.27	1.60	1.02	1.68	1.79	1.05	−7	+16	−30	−3	−36	+15	−31	+10	−15	−5	7	1.33
24820	H	05 19 14.71	+20 08 04.8	6.12		G	79.811 303 53	+20.134 660 50	A	7.56	−34.12	−26.54	1.12	0.88	1.13	1.41	0.84	+20	+22	−22	+9	+27	−36	+9	+49	−32	+36	4	−0.59
24821	H	05 19 15.37	+34 53 26.0	7.04		H	79.814 023 32	+34.890 555 82	A	3.19	−0.16	−4.53	1.57	0.88	1.52	1.52	0.83	−21	+27	−8	−9	+10	+5	+2	+21	−9	−11	1	2.09
24822		05 19 16.59	+22 05 48.1	4.96		H	79.819 124 16	+22.096 691 04		15.83	19.62	−81.08	0.81	0.53	0.86	1.21	0.59	+28	+23	−5	+10	+25	+10	+22	+54	−7	+25	2	−1.47
24823		05 19 16.89	−67 51 48.9	9.77	2	G	79.820 372 91	−67.863 580 28		0.61	6.48	6.07	1.09	1.12	1.13	1.14	1.34	−20	+26	−7	−21	+10	−7	+13	−2	+3	−33	0	−0.30
24824		05 19 17.32	−33 42 29.2	8.42	3	T	79.822 147 57	−33.708 105 32		0.52	24.48	11.29	0.58	0.74	0.85	0.68	0.99	−6	+15	−11	+15	+6	+16	+9	−31	−9	−2	0	3.18
24825		05 19 17.44	−18 31 11.8	6.37	2	H	79.822 649 28	−18.519 941 34		4.12	2.26	8.98	0.61	0.53	0.81	0.83	0.65	+3	+10	−22	−22	−26	+21	−5	+19	−18	−45	0	−0.94
24826		05 19 17.90	−09 45 45.2	8.76		H	79.824 580 70	−09.762 561 30		4.38	−5.06	−1.14	0.83	0.71	1.10	0.91	0.81	−12	+26	−13	+4	−24	+0	−21	−1	+11	−25	0	0.90
24827		05 19 18.31	−18 30 34.5	6.53	1	H	79.826 298 42	−18.509 582 86		4.20	−0.86	9.78	0.63	0.55	0.83	0.85	0.68	+3	+10	−21	−23	−25	+21	−4	+17	−18	−45	0	1.02
24828		05 19 21.23	−07 20 50.1	7.83		H	79.838 463 01	−07.347 237 29		0.69	−1.27	−1.33	0.92	0.68	1.10	1.01	0.79	−14	+34	−16	+35	−32	+5	−29	+25	+5	−9	0	1.95
24829		05 19 22.11	−50 36 23.5	5.44		H	79.842 140 72	−50.606 520 08		27.70	23.00	227.39	0.43	0.48	0.50	0.46	0.59	−5	+3	−7	+6	−7	+1	−8	+0	+8	+1	1	0.86
24830		05 19 22.53	+03 07 21.9	8.69		H	79.843 890 09	+03.122 745 62		8.18	45.68	−10.37	1.27	0.86	1.55	1.52	1.04	+26	+35	+3	+7	+5	+14	−3	+39	−24	+18	0	1.04
24831		05 19 23.69	−27 22 07.9	5.98		H	79.848 696 43	−27.368 864 20		7.31	−3.46	−8.09	0.37	0.44	0.61	0.44	0.54	−3	+15	−12	−6	−7	+17	−5	+3	−10	−13	0	0.08
24832		05 19 23.72	+33 59 07.6	6.49		H	79.848 849 80	+33.985 431 13		13.85	26.56	−4.32	0.76	0.45	0.81	0.82	0.46	−12	+44	−22	+26	+9	−2	+3	+36	−9	−2	2	2.81
24833		05 19 25.32	−36 44 42.3	8.33		H	79.855 512 41	−36.745 097 05		3.32	9.33	5.37	0.62	0.81	0.87	0.62	0.91	+16	+13	+4	−7	−15	+25	−20	−23	+4	+1	1	1.06
24834		05 19 25.62	−14 46 06.8	8.01		H	79.856 767 35	−14.768 551 38		15.04	−33.27	−0.40	0.74	0.71	0.99	0.76	0.78	−18	+23	−31	+21	−36	+3	−40	+22	−10	−22	0	−0.88
24835		05 19 26.16	+20 13 06.5	8.97		H	79.858 994 95	+20.218 467 65		4.42	12.86	−33.73	1.58	0.97	2.05	2.14	1.05	+3	+47	−39	+7	+40	−46	+1	+67	−39	+44	0	1.67
24836		05 19 27.85	+58 07 02.7	6.13	2	H	79.866 042 82	+58.117 409 18		3.71	6.26	−18.30	0.57	0.47	0.73	0.70	0.51	+28	+15	+0	+1	+21	−17	+19	+7	+7	+27	0	1.01
24837	H	05 19 30.52	+38 08 32.5	8.70		H	79.877 186 15	+38.142 356 56	A	−0.28	−0.68	−3.98	1.81	1.25	1.69	1.83	1.00	+7	+34	+0	+1	−10	−2	−11	+6	−6	+12	1	0.41
24838		05 19 31.01	−04 20 28.1	8.31		H	79.879 210 02	−04.341 149 85		4.39	−7.37	−16.80	0.85	0.55	1.00	0.89	0.61	−12	+43	−9	+0	−26	−11	−26	+8	−7	−14	4	2.29
24839		05 19 31.17	−09 27 11.6	8.48		H	79.879 883 39	−09.453 218 25		7.89	−0.69	7.58	0.88	0.74	1.11	1.16	0.95	−13	+6	−8	+1	−23	+6	−20	+5	+10	−37	0	2.34
24840		05 19 31.18	−25 07 26.8	6.94	2	H	79.879 933 31	−25.124 119 50		3.14	−6.82	−28.43	0.40	0.58	0.86	0.47	0.85	−5	+15	−16	−8	−1	+1	−8	+12	−42	+1	0	1.12
24841		05 19 31.66	+06 22 33.7	10.61		H	79.881 925 43	+06.376 025 11		2.26	−0.24	−15.27	2.03	1.44	2.41	2.59	1.72	+10	+32	−28	+14	+7	−4	+1	+29	−9	+40	0	−1.00
24842		05 19 33.47	−02 19 20.4	9.23		H	79.889 465 02	−02.322 330 71		0.01	7.61	−3.08	1.11	0.71	1.40	1.44	0.74	−10	+21	−19	−16	−40	+13	−32	−2	−19	−22	0	0.40
24843		05 19 33.87	−42 09 17.7	9.47		H	79.891 114 03	−42.154 920 69		11.78	−16.86	−48.54	0.77	0.95	0.98	0.82	1.16	−14	+14	−26	−12	+0	+8	+4	−27	+13	−8	2	−0.20
24844	H	05 19 34.37	−09 42 02.9	7.99		H	79.893 212 77	−09.700 796 18	*	4.62	−2.79	−1.35	0.73	0.63	0.95	0.85	0.75	−13	+22	−8	+10	−23	−1	−20	+8	+10	−28	0	0.61
24845		05 19 34.53	−13 10 36.4	4.29		G	79.893 858 17	−13.176 776 98		3.03	−2.49	−4.74	0.61	0.48	0.77	0.62	0.57	−19	+32	−11	+40	−28	−12	−35	+33	−14	−21	0	1.22
24846		05 19 34.92	+03 52 26.0	9.64		G	79.895 514 43	+03.873 894 43		0.06	−3.20	−5.95	1.74	1.36	2.14	2.29	1.64	+43	+27	+12	+30	+25	−9	+21	+59	−15	+46	2	0.02
24847		05 19 35.28	−01 24 42.8	6.33		G	79.897 011 56	−01.411 895 90		1.75	2.16	1.64	0.67	0.41	0.83	0.79	0.45	+1	+28	−12	−20	−35	+6	−41	−1	−25	+4	4	0.72
24848		05 19 36.82	+01 33 02.2	9.92		H	79.903 435 29	+01.550 605 27		4.56	−1.76	−0.56	1.45	1.08	1.63	1.67	1.22	+24	+36	+10	+23	+2	+0	+3	+42	−1	+16	0	1.01
24849		05 19 38.77	−01 06 30.6	8.60		H	79.911 553 45	−01.108 497 26		3.00	2.76	0.85	0.90	0.56	1.17	0.98	0.59	−5	+34	−1	−14	−23	+13	−26	−12	−24	−18	0	−1.20
24850		05 19 38.99	+15 47 09.6	8.33		H	79.912 443 34	+15.786 009 11		6.91	−6.44	−4.93	1.22	0.70	1.36	1.43	0.75	+8	+51	−18	+7	+28	+2	+13	+54	−14	+24	0	−0.13
24851		05 19 40.10	−01 21 22.3	9.17		H	79.917 099 63	−01.356 207 26		4.88	1.96	0.13	1.07	0.67	1.33	1.22	0.67	+6	+26	−6	−19	−43	+10	−40	−13	−17	−5	0	−0.30
24852		05 19 40.72	+41 13 12.8	8.03	1	G	79.919 683 31	+41.220 211 38	A	0.34	−5.84	−0.55	1.82	1.00	1.93	1.60	0.89	+3	+36	−13	+24	−4	+16	−6	+16	−16	+8	3	0.27
24853		05 19 40.95	−11 02 05.7	7.67		G	79.920 620 07	−11.034 928 28		2.48	−1.53	−2.98	0.89	0.68	1.02	0.93	0.74	−43	+33	−27	+40	−50	+4	−52	+35	−12	−45	0	0.63
24854		05 19 41.00	−06 06 55.4	9.87		H	79.920 826 73	−06.115 389 01		4.29	0.28	−4.60	1.27	0.93	1.70	1.36	1.05	−8	+32	−5	+14	−14	−13	−20	+15	−20	−4	0	1.44
24855		05 19 41.41	+05 38 42.8	9.15		H	79.922 535 58	+05.645 213 12		0.86	−0.84	−0.31	1.61	0.99	1.84	1.84	1.17	+26	+53	−3	+32	−8	+26	−11	+40	−12	+34	0	−0.32
24856		05 19 42.04	+36 55 59.8	8.37		H	79.925 155 53	+36.933 279 99		0.02	−3.05	−2.29	1.08	0.64	1.23	1.45	0.65	+18	+11	−14	−4	−15	+21	−11	−4	−4	+20	0	−0.48
24857		05 19 42.25	−04 52 38.2	7.33		H	79.926 045 22	−04.877 281 30		5.56	−14.15	−5.17	0.83	0.54	1.04	0.86	0.62	−9	+45	−3	+1	−21	−10	−27	+14	−18	−5	0	1.91
24858	H	05 19 42.96	+67 59 47.1	7.47		H	79.928 987 43	+67.996 424 90	A	4.81	−4.26	−5.21	0.60	0.72	0.89	0.69	0.81	+3	+1	−1	+24	+13	+12	+13	+2	+7	−7	0	−0.68
24859		05 19 44.80	−52 02 17.6	8.13		H	79.936 647 52	−52.038 219 66		4.83	20.37	19.64	0.56	0.66	0.65	0.68	0.92	−18	+8	−4	−8	−3	−2	−1	−18	−9	−3	0	−0.32
24860		05 19 46.33	−25 55 39.7	7.11		H	79.943 061 38	−25.927 707 50		7.99	37.81	72.36	0.42	0.59	0.78	0.58	0.78	−6	+5	−8	−31	+4	+10	+6	−3	−32	−17	0	1.22
24861		05 19 46.86	+17 46 47.5	10.45		H	79.945 256 87	+17.779 849 11		8.26	−16.64	−24.48	1.82	0.96	1.99	1.78	1.01	+9	+55	−4	−4	+19	−2	+3	+33	−16	+21	0	0.86
24862		05 19 47.04	−22 32 35.0	8.04		G	79.946 003 24	−22.543 053 85		10.33	−44.65	−9.79	0.61	0.68	0.93	0.86	0.84	−9	+18	−4	+26	−27	−1	−25	+17	−3	−16	0	0.86
24863		05 19 48.29	+00 53 12.1	9.57		H	79.951 212 77	+00.886 696 81		6.90	−9.92	−10.16	1.37	1.19	1.81	1.82	1.47	+25	+24	−30	+26	+36	−35	+12	+62	−44	+52	0	0.31
24864		05 19 49.02	+02 30 49.9	7.00		H	79.954 255 07	+02.513 851 91		26.68	30.52	−99.17	0.97	0.64	1.18	1.23	0.79	+6	+36	−3	+24	+3	+34	−7	+45	−31	−4	0	0.03
24865		05 19 49.79	−66 26 35.2	8.49		H	79.957 461 41	−66.443 115 40		1.96	0.58	7.26	0.69	0.69	0.73	0.72	0.86	−14	+22	−8	−20	+1	−4	+5	+5	+9	−21	0	1.50
24866		05 19 50.20	+51 01 21.4	8.25		H	79.959 167 93	+51.022 620 13		3.22	8.73	−21.79	0.90	0.60	1.10	1.03	0.58	+6	+20	−23	+4	−21	+17	−13	+1	+10	+20	0	1.83
24867		05 19 51.17	−06 55 51.9	8.79		H	79.963 189 15	−06.931 093 53		2.51	−7.01	−4.83	1.06	0.82	1.27	1.19	0.94	−5	+20	−8	+33	−26	−12	−26	+15	+0	+2	0	0.04
24868		05 19 51.88	−07 07 57.4	9.09		H	79.966 179 58	−07.132 603 54		1.26	3.16	−3.01	1.19	0.89	1.38	1.34	1.00	−14	+16	+3	+45	−30	−12	−28	+28	+5	−14	0	0.31
24869		05 19 53.22	+27 04 57.2	9.32		H	79.971 753 16	+27.082 551 09		8.92	31.69	−75.73	1.50	0.94	1.65	1.68	1.00	+4	+35	+1	+5	+14	+8	+2	+47	−7	+22	0	0.07
24870		05 19 54.04	+13 13 23.9	10.12		H	79.975 159 40	+13.223 309 11		4.30	12.23	−14.86	1.73	1.08	2.01	2.41	1.28	−7	+37	−31	+2	+15	−2	+11	+22	+0	+15	0	0.92
24871		05 19 55.43	+39 22 56.3	9.18		G	79.980 960 21	+39.382 296 13		2.21	0.68	−5.25	1.34	0.75	1.44	1.55	0.82	−5	+45	−12	+36	−12	+11	−15	+37	−16	−5	0	0.31
24872		05 19 58.66	+16 43 50.9	8.40		G	79.994 396 22	+16.730 814 78		4.37	−11.22	9.16	1.09	0.73	1.16	1.47	0.81	+27	+18	−10	+20	+30	−16	+26	+55	−20	+17	0	0.74
24873		05 19 59.03	−12 18 56.2	5.29		H	79.995 961 51	−12.315 604 56		9.83	−12.12	7.97	0.70	0.51	0.80	0.73	0.57	−24	+26	−19	+47	−36	−9	−39	+19	−11	−12	4	0.00
24874		05 19 59.47	−15 50 24.5	8.72		H	79.997 796 15	−15.840 142 12		41.09	173.92	204.52	0.83	0.82	1.26	0.87	0.94	−9	+22	−25	+9	−29	+6	−33	+15	−23	−13	0	−1.24
24875	H	05 20 00.45	+24 25 26.4	9.64		H	80.001 872 07	+24.423 994 34	A	2.87	1.24	−7.71	2.23	1.44	2.17	2.56	1.52	+8	+20	−16	−15	+8	−2	+4	+36	−9	+19	0	0.90
24876		05 20 00.48	−47 02 55.7	7.03	2	H	80.001 986 05	−47.048 798 99		1.65	8.54	−3.53	0.57	0.59	0.65	0.69	0.80	−3	+10	−10	−15	+3	+11	+6	−23	+10	+2	0	0.38
24877		05 20 00.71	+32 47 08.5	7.00		H	80.002 939 18	+32.785 692 97		17.35	17.41	−38.91	0.85	0.48	0.91	0.89	0.51	+26	+42	−1	−9	−13	+19	−13	+1	+2	+43	0	1.69
24878		05 20 00.79	+30 30 37.9	8.99		H	80.003 290 09	+30.510 527 90		9.20	−4.76	3.99	1.31	0.70	1.46	1.38	0.77	−7	+55	−18	+12	+1	−4	−11	+51	−18	+10	0	0.11
24879		05 20 00.92	+33 57 29.0	5.05		H	80.003 837 69	+33.958 062 65		1.06	0.02	−3.68	0.73	0.43	0.77	0.76	0.44	−17	+42	−14	+28	−3	−1	−4	+33	+0	−10	0	0.82
24880		05 20 01.18	+40 40 37.7	9.14		H	80.004 906 38	+40.677 135 08		4.87	−18.80	−23.44	1.30	0.65	1.44	1.28	0.66	−2	+53	−15	+29	+0	+12	−2	+27	−8	+10	0	−0.61
24881		05 20 02.32	+44 25 31.5	6.49		H	80.009 658 84	+44.425 429 90		3.44	0.19	−19.25	0.78	0.47	0.81	0.80	0.48	+28	+43	+0	+25	+29	+5	+23	+33	−2	+42	0	−0.61
24882		05 20 03.19	−05 12 30.0	7.18		H	80.013 298 17	−05.208 340 95		3.33	−6.48	−9.00	0.74	0.52	0.94	0.83	0.60	−1	+37	−6	+5	−23	−2	−27	+9	−17	+3	0	0.66
24883		05 20 03.62	+13 32 42.7	7.50		G	80.015 082 36	+13.545 206 89		18.93	−20.20	−89.59	0.89	0.56	0.98	1.05	0.64	+12	+42	−12	+14	+18	−11	+11	+41	−5	+29	0	0.36
*24884		05 20 04.59	+39 47 22.7	7.34		H	80.019 119 58	+39.789 649 30		5.67	3.04	−59.35	0.87	0.49	0.95	1.04	0.52	+2	+37	−7	+36	−6	+13	−8	+30	−13	−1	0	0.09
*24885		05 20 04.57	+37 54 33.1	8.39		H	80.019 052 51	+37.909 190 16		2.25	1.98	−5.94	1.00	0.59	1.12	1.11	0.63	+14	+38	−6	+4	+3	−4	+1	+20	−5	+19	0	0.54
*24886		05 20 04.58	−31 10 02.8	9.18		H	80.019 079 69	−31.167 440 25		28.87	60.72	98.73	0.73	0.92	1.17	0.85	1.36	+2	+24	−6	+24	−2	+31	+7	−26	+5	+12	0	0.55
24887		05 20 04.71	−63 04 22.3	8.59		H	80.019 618 88	−63.072 858 57		2.23	−6.57	11.98	0.69	0.74	0.74	0.83	1.00	−11	−5	−1	−11	+2	−3	+4	−3	−2	−24	0	1.54
24888		05 20 05.40	+21 09 05.8	9.17		H	80.022 505 52	+21.151 611 16		1.99	5.83	−8.91	1.34	0.86	1.51	1.81	0.95	+30	+17	−21	+8	+38	−14	+26	+59	−35	+34	0	1.25
24889		05 20 05.49	+37 24 37.9	8.43		H	80.022 867 81	+37.410 519 18		−2.06	0.04	−5.24	1.06	0.61	1.21	1.37	0.62	+10	+23	−20	−13	−19	+20	−12	−12	+3	+21	0	0.11
24890		05 20 06.28	+39 20 36.1	7.36		H	80.026 178 32	+39.343 351 65		2.17	−4.48	14.51	0.99	0.55	1.08	1.16	0.58	−5	+41	−16	+36	−14	+10	−16	+28	−16	−4	0	0.99
24891		05 20 07.77	−05 50 46.0	8.18		H	80.032 391 99	−05.846 109 93		3.60	0.69	−1.73	0.82	0.62	1.07	0.91	0.71	−1	+31	−6	+16	−14	−4	−19	+13	−18	+5	0	1.74
24892		05 20 08.21	+35 47 09.6	7.39	2	H	80.034 203 15	+35.786 007 48		2.65	−5.81	−15.14	0.96	0.53	1.01	1.14	0.57	−12	+39	−15	+30	−8	+8	−9	+29	−7	−11	0	0.09
24893		05 20 08.50	−61 10 05.3	7.88		H	80.035 414 52	−61.168 135 38		2.70	21.76	60.57	0.59	0.62	0.69	0.67	0.68	−7	+20	−11	−1	+18	−28	+19	−10	+2	+9	0	1.76
24894		05 20 09.22	+57 19 29.2	9.44		H	80.038 420 15	+57.324 778 27		4.88	3.47	−16.17	1.00	0.83	1.38	1.22	0.93	+6	+21	−13	+14	+1	−21	−1	+7	+5	+2	0	1.14
24895		05 20 09.43	−70 44 20.7	9.32		H	80.039 304 06	−70.739 072 84		2.94	−6.72	19.48	0.74	0.77	0.79	0.88	0.93	−14	+5	−3	−3	−6	+4	−6	+23	−7	−18	3	0.63
24896		05 20 10.53	+27 38 46.4	10.30		H	80.043 859 74	+27.646 211 37		3.06	12.13	−17.00	1.68	1.12	1.81	2.27	1.26	+14	+24	−5	−3	+2	+3	+2	+39	−1	+19	0	1.35
24897		05 20 10.84	+25 00 57.8	9.10		H	80.045 163 03	+25.016 042 96		2.18	−3.21	−6.51	1.15	0.69	1.27	1.51	0.81	−1	+35	−23	+4	+3	+4	+2	+24	+9	+29	0	0.60
24898		05 20 11.41	+36 40 28.7	7.50		H	80.047 548 13	+36.674 636 57		0.38	−2.07	−0.89	0.97	0.49	1.05	0.97	0.49	+3	+50	−7	+18	−9	+13	−10	+15	−9	+12	0	0.38
24899		05 20 12.55	−07 06 14.1	8.94		H	80.052 312 06	−07.103 915 95		2.27	0.95	0.64	1.18	0.85	1.37	1.34	0.96	−7	+21	−3	+37	−32	−4	−30	+12	+2	−5	0	0.76
24900		05 20 12.72	−07 13 00.9	9.61		H	80.052 998 93	−07.216 918 62		1.98	−1.46	−0.35	1.44	1.09	1.72	1.62	1.21	−8	+23	−1	+33	−33	−2	−31	+8	+4	−11	0	0.91

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
24801	9.447	0.018	9.014	0.018		0.409	0.023	T	0.48	0.03	L	9.0456	0.0013	0.020	91		9.01	9.11					1							
24802	9.834	0.032	8.598	0.019		1.055	0.029	T	1.02	0.02	L	8.6299	0.0019	0.013	60		8.61	8.66					1							
24803	9.445	0.023	9.433	0.030		0.012	0.033	T	0.03	0.03	L	9.4312	0.0025	0.015	63		9.41	9.46		C			1							
24804	9.742	0.027	9.290	0.028		0.426	0.036	T	0.49	0.04	L	9.3849	0.0020	0.015	78		9.37	9.41		C			1							
24805	10.374	0.037	8.576	0.016		1.497	0.032	T	1.52	0.05	L	8.5695	0.0016	0.012	76		8.55	8.60		C			1							
24806	10.298	0.029	9.391	0.022		0.805	0.027	T	0.83	0.02	L	9.4282	0.0017	0.019	100		9.40	9.47					1							
24807	8.692	0.015	8.127	0.014		0.529	0.018	T	0.60	0.02	L	8.1891	0.0018	0.013	65		8.17	8.21		C			1							
24808	9.365	0.012	8.986	0.012		0.359	0.016	T	0.42	0.02	L	9.0226	0.0018	0.018	170		8.99	9.06					1							
24809	8.875	0.012	8.771	0.015		0.080	0.015	G	0.09	0.02	H	8.8093	0.0019	0.013	99		8.79	8.84		C			1							
24810	10.163	0.019	8.873	0.011		1.097	0.017	T	1.06	0.02	L	8.9329	0.0018	0.021	212		8.90	8.97					1							
24811	8.504	0.008	8.496	0.010		0.008	0.011	T	0.03	0.01	L	8.5249	0.0012	0.014	135		8.50	8.55		C			1							
24812	8.991	0.014	8.665	0.015	*	0.335	0.003	G	0.39	0.00	H	*	8.6934	0.0018	0.011	78	*	8.67	8.71		D	05191+1430	M 1	2 C A	AB	94	0.335	0.006	0.62	0.10	
24813	5.453	0.003	4.757	0.003		0.630	0.003	T	0.70	0.00	L	4.8232	0.0005	0.004	83		4.82	4.83		C	05192+4007	I 1	1							S
24814	10.197	0.024	9.147	0.016		0.912	0.022	T	0.91	0.02	L	9.2066	0.0023	0.023	125		9.17	9.25					1							
24815	13.167	0.526	9.526	0.030		2.765	0.015	G	2.77	0.01	J	9.0489	0.0077	0.065	88		8.94	9.13		U 2	05192+3548	I 1	1 S							
24816	8.620	0.015	8.369	0.016		0.239	0.021	T	0.27	0.03	L	8.4035	0.0014	0.013	84		8.38	8.43		C			1							
24817	5.831	0.005	5.382	0.003		0.412	0.011	G	0.48	0.01	H	5.4331	0.0007	0.005	54		5.43	5.45		C			1							S
24818	10.282	0.029	9.098	0.018		1.015	0.027	T	0.99	0.02	L	9.1576	0.0017	0.018	113		9.12	9.20		C			1							
24819	9.159	0.016	7.954	0.011	A	1.051	0.034	G	1.21	0.02	A	*	7.8886	0.0015	0.015	97	*	7.87	7.92		D	05192−0305	I 1	2 C B	AB	354	3.070	0.023	3.46	0.18	
24820	7.365	0.009	6.170	0.005	*	1.020	0.015	G	0.91	0.04	E	*	6.2477	0.0004	0.004	69	*	6.24	6.26		D	05192+2008	I 1	2 C A	AB	203	9.073	0.018	3.80	0.11	S
24821	7.222	0.006	7.088	0.006	*	0.129	0.007	T	0.14	0.01	L	*	7.0877	0.0009	0.008	84	*	7.07	7.10		D	05193+3453	I 1	2 C B	AC	92	0.693	0.085	3.95	0.30	S
24822	6.151	0.004	5.055	0.003		0.937	0.001	G	0.92	0.04	E		5.1166	0.0008	0.005	70		5.11	5.12		C			1							S
24823	11.886	0.129	10.001	0.037		1.690	0.015	G	1.70	0.09	H		9.8313	0.0073	0.064	103		9.72	9.95		U 2			1 S							
24824	9.974	0.026	8.553	0.015		1.200	0.024	T	1.16	0.02	L		8.6364	0.1858	1.341	118		7.21	10.06	224.50	P 1 B			1 S							G P
24825	6.175	0.005	6.329	0.007		−0.134	0.008	T	−0.13	0.01	L		6.3253	0.0015	0.021	102		6.30	6.37		U 2	05193−1831	I 2	1							S
24826	8.821	0.015	8.789	0.019		0.034	0.022	T	0.05	0.02	L		8.7766	0.0012	0.012	79		8.76	8.80		C			1							
24827	6.380	0.005	6.495	0.005		−0.100	0.006	T	−0.08	0.01	L		6.4986	0.0023	0.021	100		6.47	6.53	2.29	P 1 A	05193−1831	I 2	1							S
24828	7.722	0.009	7.809	0.010		−0.075	0.012	T	−0.05	0.01	L		7.8113	0.0008	0.013	75		7.79	7.84		D			1							S
24829	6.050	0.003	5.498	0.003		0.517	0.004	T	0.59	0.00	L		5.5501	0.0006	0.005	95		5.54	5.56		C			1							S
24830	9.982	0.031	8.774	0.020		1.033	0.029	T	1.01	0.02	L		8.8559	0.0017	0.014	57		8.83	8.88		D			1							
24831	5.944	0.002	5.971	0.003		−0.022	0.003	T	0.00	0.00	L		5.9799	0.0006	0.008	176		5.97	5.99		C			1							S
24832	6.789	0.005	6.517	0.005		0.256	0.007	T	0.29	0.01	L		6.5618	0.0010	0.006	81		6.55	6.57			05194+3359	I 1	1							S
24833	9.634	0.018	8.448	0.011		1.016	0.016	T	0.99	0.01	L		8.4974	0.0015	0.015	118		8.47	8.53		C	05194−3645	I 1	1 S							
24834	8.687	0.011	8.086	0.010		0.560	0.011	T	0.63	0.01	L		8.1274	0.0016	0.014	99		8.10	8.16		C			1							S
24835	9.512	0.023	9.037	0.023		0.447	0.030	T	0.52	0.03	L		9.0677	0.0019	0.015	64		9.04	9.09		C			1							
24836	6.079	0.004	6.116	0.004		−0.031	0.005	T	−0.01	0.01	L		6.1281	0.0013	0.011	112		6.11	6.23	1.53	P 1 A			1							S P
24837	8.668	0.013	8.726	0.017	*	−0.048	0.019	T	−0.03	0.02	L	*	8.6933	0.0021	0.022	83	*	8.67	8.73		D	05195+3809	M 1	2 C A	AB	22	0.467	0.004	1.15	0.02	
24838	8.478	0.009	8.326	0.011		0.140	0.015	G	0.15	0.01	H		8.3595	0.0008	0.011	99		8.34	8.38		D			1							
24839	8.912	0.014	8.516	0.014		0.375	0.018	T	0.44	0.02	L		8.5658	0.0012	0.015	74		8.54	8.60		D			1 S							
24840	8.931	0.009	7.187	0.005		1.483	0.008	T	2.73	0.02	O		6.9091	0.0061	0.085	176		6.76	6.99		U 2			1 S							S P
24841	11.834	0.164	10.625	0.079		1.034	0.142	T	1.01	0.12	L		10.7693	0.0035	0.031	59		10.70	10.81		C			1							G
24842	9.482	0.019	9.250	0.022		0.216	0.029	T	0.24	0.03	L		9.3003	0.0016	0.013	102		9.28	9.33					1							
24843	10.120	0.026	9.511	0.024		0.566	0.026	T	0.64	0.02	L		9.5868	0.0029	0.026	118		9.54	9.64					1							
24844	8.052	0.010	7.992	0.012	*	0.060	0.015	T	0.07	0.01	L	*	8.0168	0.0011	0.008	80	*	8.00	8.05		D	05196−0942	H 1	2 C S A	AB	92	0.150	0.005	0.31	0.33	S
24845	3.975	0.003	4.246	0.003		−0.235	0.004	T	−0.26	0.02	A		4.2021	0.0007	0.005	80		4.20	4.22		C			1							S
24846	10.972	0.067	9.686	0.034		0.994	0.005	G	0.97	0.00	H		9.7912	0.0033	0.024	70		9.76	9.84		C			1							
24847	6.173	0.003	6.315	0.004		−0.105	0.015	G	−0.10	0.03	C		6.2966	0.0007	0.008	140		6.28	6.31					1 G							S
24848	10.499	0.043	9.960	0.041		0.505	0.053	T	0.58	0.06	L		10.0321	0.0028	0.025	67		9.99	10.07					1							G
24849	8.663	0.009	8.609	0.011		0.055	0.013	T	0.07	0.01	L		8.6290	0.0017	0.015	141		8.61	8.66					1							S
24850	8.655	0.013	8.379	0.015		0.327	0.015	G	0.38	0.02	H		8.4062	0.0012	0.010	66		8.39	8.42		C			1							
24851	9.206	0.013	9.188	0.017		0.017	0.019	T	0.04	0.02	L		9.1793	0.0018	0.021	137		9.15	9.22		C			1							
24852	8.389	0.013	8.095	0.014	A	0.283	0.009	G	0.32	0.01	H		8.1456	0.0193	0.026	79	A	8.11	8.18		U	05197+4113	M 1	2 C D	AB	273	18.959	0.084	2.99	0.27	D
24853	7.581	0.007	7.651	0.010		−0.064	0.003	G	−0.04	0.00	H		7.6509	0.0012	0.009	81		7.63	7.67		C			1							S
24854	10.115	0.033	9.800	0.039		0.301	0.055	T	0.34	0.07	L		9.9477	0.0028	0.021	84		9.91	9.99					1							G
24855	9.814	0.027	9.206	0.024		0.567	0.032	T	0.64	0.03	L		9.2710	0.0016	0.014	74		9.24	9.29		D			1 S							
24856	10.306	0.037	8.525	0.016		1.484	0.032	T	1.50	0.05	L		8.5022	0.0021	0.013	84		8.48	8.52		C			1							
24857	7.532	0.006	7.369	0.008		0.160	0.015	G	0.18	0.01	H		7.3892	0.0010	0.009	94		7.38	7.41		C			1							S
24858	7.850	0.006	7.503	0.006	A	0.700	0.495	G	0.33	0.02	L	*	7.5480	0.0010	0.011	169	*	7.53	7.57		D	05197+6800	I 1	2 C A	AB	185	1.035	0.014	3.28	0.08	S
24859	8.622	0.012	8.197	0.012		0.420	0.015	G	0.49	0.02	H		8.2247	0.0015	0.012	90		8.20	8.25		C			1 G							S
24860	7.570	0.005	7.164	0.004		0.397	0.005	T	0.46	0.01	L		7.2046	0.0008	0.010	185		7.19	7.22					1 G							S
24861	11.117	0.072	10.581	0.077		0.503	0.095	T	0.58	0.10	L		10.5600	0.0034	0.020	65		10.52	10.60		C			1							G
24862	8.537	0.009	8.076	0.008		0.445	0.015	G	0.51	0.02	H		8.1349	0.0017	0.019	144		8.10	8.17					1							S
24863	10.199	0.038	9.651	0.036		0.520	0.039	T	0.59	0.04	L		9.6852	0.0034	0.018	68		9.65	9.72		C			1							
24864	7.626	0.007	7.063	0.007		0.531	0.007	T	0.60	0.01	L		7.1151	0.0014	0.008	57		7.10	7.13		C			1							S
24865	10.021	0.026	8.608	0.014		1.194	0.023	T	1.15	0.02	L		8.6597	0.0020	0.016	109		8.63	8.69					1							
24866	8.450	0.011	8.271	0.013		0.171	0.016	T	0.19	0.02	L		8.3122	0.0020	0.016	83		8.29	8.35		C			1							S
24867	8.811	0.014	8.773	0.017		0.010	0.015	G	0.03	0.01	H		8.8011	0.0021	0.020	78		8.78	8.84		C			1							
24868	9.082	0.018	9.095	0.024		0.000	0.015	G	0.02	0.01	H		9.0945	0.0020	0.014	77		9.07	9.12		C			1							
24869	10.142	0.032	9.412	0.027		0.670	0.033	T	0.73	0.03	L		9.4621	0.0029	0.020	64		9.43	9.49		C			1							
24870	10.749	0.068	10.149	0.061		0.411	0.072	G	0.48	0.08	R		10.2173	0.0028	0.021	61		10.18	10.25		C			1							G
24871	9.166	0.017	9.167	0.024		0.012	0.015	G	0.03	0.01	H		9.1988	0.0022	0.017	91		9.18	9.23			05200+3921	I 2	1							G
24872	10.404	0.035	8.564	0.015		1.510	0.020	G	1.54	0.03	H		8.5274	0.0024	0.012	71		8.50	8.54		C			1							
24873	5.147	0.003	5.268	0.003		−0.104	0.004	T	−0.09	0.01	L		5.2570	0.0005	0.006	84		5.25	5.27		D			1							S
24874	10.057	0.030	8.861	0.018		1.003	0.003	G	1.05	0.00	I		8.8623	0.0019	0.017	101		8.83	8.90					1							
24875	10.385	0.047	9.715	0.040	A						T	*	9.7298	0.0029	0.018	62	*	9.70	9.76		C	05200+2425	I 1	2 C B	AB	216	1.422	0.033	2.66	0.15	G
24876	9.167	0.015	7.240	0.007		1.634	0.014	T	2.16	0.04	O		7.0964	0.0031	0.029	95		7.05	7.14		U 2			1							S
24877	7.685	0.006	7.071	0.006		0.579	0.006	G	0.65	0.01	H		7.1280	0.0009	0.008	76		7.12	7.14					1							S
24878	9.433	0.021	9.032	0.022		0.379	0.028	T	0.44	0.03	L		9.0802	0.0013	0.014	79		9.05	9.10		D			1							
24879	5.376	0.003	5.074	0.003		0.287	0.004	T	0.33	0.01	L		5.1210	0.0010	0.007	71		5.11	5.13					1							S
24880	9.642	0.024	9.234	0.025		0.386	0.032	T	0.45	0.04	L		9.2314	0.0015	0.015	83		9.21	9.26		C			1							
24881	8.221	0.017	6.633	0.009		1.331	0.015	T	1.29	0.02	L		6.6400	0.0010	0.008	81		6.63	6.65					1							S
24882	7.154	0.006	7.180	0.006		−0.019	0.008	T	0.00	0.01	L		7.1859	0.0009	0.009	93		7.17	7.20		C			1							S
24883	8.156	0.011	7.560	0.010		0.561	0.015	G	0.63	0.01	H		7.6203	0.0011	0.009	70		7.61	7.63		C			1							S
24884	7.418	0.006	7.345	0.008		0.072	0.009	T	0.08	0.01	L		7.3683	0.0013	0.010	94		7.35	7.38					1							S
24885	10.749	0.049	8.607	0.015		1.771	0.041	T	1.80	0.04	L		8.4847	0.0019	0.019	83		8.44	8.52		R			1							
24886	10.411	0.032	9.259	0.020		0.960	0.015	G	1.01	0.01	I		9.3218	0.0022	0.021	127		9.28	9.35		C			1 G							
24887	9.743	0.023	8.691	0.015		0.913	0.021	T	0.91	0.01	L		8.7468	0.0015	0.013	98		8.72	8.76					1							
24888	9.664	0.025	9.194	0.025		0.443	0.032	T	0.51	0.03	L		9.2700	0.0024	0.016	66		9.25	9.30		C			1							
24889	10.415	0.037	8.622	0.015		1.493	0.032	T	1.52	0.05	L		8.5609	0.0021	0.015	85		8.53	8.58					1							
24890	9.531	0.025	7.546	0.010		1.695	0.015	G	1.70	0.09	H		7.4610	0.0013	0.011	88		7.45	7.48		C	05200+3921	I 2	1 S							
24891	8.105	0.009	8.154	0.011		−0.050	0.015	G	−0.03	0.01	H		8.1674	0.0017	0.013	90		8.15	8.19		C			1							S
24892	9.688	0.022	7.635	0.009		1.738	0.020	T	2.72	0.03	O		7.3592	0.0038	0.030	81		7.32	7.42		U 2			1 S							
24893	9.455	0.017	8.035	0.010		1.199	0.015	T	1.16	0.01	L		8.0416	0.0015	0.012	96		8.02	8.06		C			1							S
24894	10.000	0.033	9.434	0.030		0.529	0.040	T	0.60	0.04	L		9.5511	0.0026	0.024	106		9.50	9.61					1							
24895	9.604	0.019	9.312	0.021		0.277	0.030	T	0.31	0.04	L		9.3970	0.0019	0.017	97		9.37	9.42		C			1							
24896	10.944	0.068	10.362	0.067		0.544	0.084	T	0.62	0.08	L		10.4174	0.0034	0.027	60		10.37	10.46		C			1							G
24897	9.439	0.022	9.148	0.024		0.277	0.031	T	0.31	0.04	L		9.1753	0.0014	0.012	62		9.15	9.19		D			1							
24898	7.463	0.007	7.497	0.009		−0.028	0.010	T	−0.01	0.01	L		7.4968	0.0010	0.009	87		7.48	7.52		C			1							S
24899	8.965	0.014	8.915	0.018		0.020	0.015	G	0.04	0.01	H		8.9556	0.0023	0.016	80		8.93	9.00		C			1							
24900	9.709	0.026	9.654	0.036		0.056	0.041	T	0.07	0.03	L		9.6385	0.0030	0.024	77		9.60	9.69		C			1							

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α deg (ICRS) (8)	δ deg (9)	(10)	Par. π mas (11)	$\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	σ α* mas (14)	σ δ mas (15)	σ π mas (16)	σ $\mu_{\alpha*}$ mas/yr (17)	σ μ_δ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	F1 % (29)	F2 (30)
24901		05 20 14.56	−11 04 07.1	8.21		H	80.060 665 76	−11.068 639 86		1.73	6.04	−8.52	1.07	0.78	1.25	1.09	0.86	−42	+40	−23	+38	−46	+3	−50	+32	−16	−47	0	1.14
24902	H	05 20 14.68	+41 05 10.8	5.46		H	80.061 182 20	+41.086 339 16	A	10.66	−18.10	−52.22	1.19	0.76	1.00	0.91	0.52	+5	+26	−9	+14	−8	+24	−4	+3	−7	+13	4	0.06
24903		05 20 16.43	−34 29 10.9	9.31		H	80.068 437 67	−34.486 371 19		6.24	34.90	0.87	0.70	1.08	1.11	0.80	1.35	+2	+17	+4	−7	+0	−9	+0	−16	+1	−6	1	1.78
24904		05 20 16.43	+70 50 44.0	9.51		H	80.068 473 09	+70.845 568 15		3.02	−3.78	−4.53	0.62	1.10	1.44	0.56	1.23	−14	+29	−10	+5	+3	+6	+6	−20	−3	−1	0	0.84
24905		05 20 17.99	+25 10 16.0	8.38	2	G	80.074 944 70	+25.171 104 87	A	5.51	−7.40	−17.28	1.55	0.98	1.51	1.86	1.01	+0	−1	−27	+16	+1	+0	+3	+25	+3	+19	3	1.77
24906		05 20 18.29	+19 34 41.7	6.65	1	H	80.076 217 07	+19.578 261 61		6.05	5.98	−12.94	0.86	0.56	0.95	1.10	0.61	+19	+33	−20	+19	+26	−18	+14	+63	−21	+29	0	1.12
24907		05 20 19.08	−67 18 05.7	11.28		G	80.079 502 83	−67.301 578 47		−2.22	−1.31	−0.56	1.64	1.60	1.65	1.66	2.01	−15	+20	−3	−31	+10	−2	+14	+6	+5	−21	0	0.21
24909		05 20 20.71	−34 41 55.9	6.34		G	80.086 275 58	−34.698 850 53		4.67	4.39	−2.29	0.44	0.56	0.63	0.46	0.74	+0	+21	+11	+16	−12	+7	−18	−21	−12	−5	0	−0.39
24910		05 20 20.91	+18 35 36.2	9.10		H	80.087 109 83	+18.593 390 87		0.70	−3.09	−5.80	1.42	0.71	1.57	1.34	0.73	−3	+53	−17	−19	+33	+1	+9	+35	−23	+20	0	2.40
24911		05 20 21.30	−46 33 49.4	7.82		H	80.088 749 03	−46.563 716 91		0.92	−4.57	1.90	0.63	0.61	0.68	0.79	0.90	−2	+3	−9	−21	+1	+12	+2	−26	+9	−3	0	0.31
24912	H	05 20 21.40	−32 37 11.2	8.47		H	80.089 183 56	−32.619 785 85	A	16.52	20.00	44.79	1.00	1.20	1.30	1.00	1.56	−1	+23	−9	+0	+1	+15	+7	−7	+12	+8	1	−0.74
24913		05 20 22.28	−33 23 39.5	10.97		H	80.092 835 63	−33.394 306 75	B	−3.39	16.19	46.03	20.87	24.91	14.28	14.28	19.39	+1	+12	−13	+14	+5	+8	+8	−19	+6	+2	0	−0.90
24914		05 20 22.61	+62 39 13.4	5.64		H	80.094 227 30	+62.653 716 66		1.65	−3.00	−2.34	0.51	0.49	0.67	0.53	0.49	+7	+8	−16	−36	+5	−3	+4	−32	−5	+11	0	−0.22
24915		05 20 22.98	−26 34 05.1	8.86		H	80.095 730 70	−26.568 086 15		4.45	5.19	2.31	0.58	0.82	1.09	0.75	1.12	−9	+8	−9	−6	−7	+8	−7	−1	−10	−17	1	0.73
24916	H	05 20 23.10	−06 17 58.5	10.02		G	80.096 252 73	−06.299 586 73	A	4.44	5.73	−3.83	2.23	1.71	2.41	2.14	1.74	+3	+21	−13	+4	−20	+6	−22	−9	−11	+19	1	0.03
24917		05 20 23.28	−33 23 55.5	9.33		H	80.096 982 30	−33.398 750 67	A	7.54	−4.27	17.72	2.49	2.96	2.66	2.61	3.37	−4	+20	−17	+23	−1	+13	+2	−26	+1	+0	0	−0.90
24918		05 20 23.52	+55 03 06.0	8.09		H	80.097 996 10	+55.051 657 03		3.33	22.59	−1.04	0.76	0.62	1.02	0.99	0.66	+34	+3	+4	−5	−11	−16	−5	+13	+20	+14	0	−1.00
24919	H	05 20 24.16	−08 01 47.0	7.52		G	80.100 648 41	−08.029 731 36	A	10.21	1.47	−65.06	3.40	2.80	2.68	3.16	2.72	+13	+33	−6	+25	−18	+13	−22	+9	−13	−45	3	0.76
24920		05 20 24.33	−08 01 12.0	8.72		H	80.101 364 17	−08.020 005 64		3.88	−3.45	−62.53	1.38	1.01	1.77	1.46	1.13	−28	+45	−27	+41	−36	+17	−32	+10	−7	−17	2	0.82
24921		05 20 24.48	+10 53 25.6	7.42		H	80.101 989 68	+10.890 443 84		5.22	−6.21	−25.58	1.04	0.63	1.23	1.10	0.70	+9	+51	−21	−3	+34	−20	+6	+49	−24	+46	0	1.42
24922		05 20 24.68	−03 30 35.5	9.15	1	H	80.102 853 82	−03.509 857 32		3.06	2.47	−0.07	0.99	0.65	1.16	1.09	0.69	−19	+38	−22	+2	−27	+6	−25	−3	−7	−17	2	1.31
*24923		05 20 25.39	+11 36 35.5	9.03		H	80.105 801 14	+11.609 850 81		18.26	50.64	−13.41	1.43	0.90	1.58	1.26	0.96	+26	+56	+5	+13	+35	−7	+19	+52	−13	+41	0	−2.46
*24924		05 20 25.37	−55 04 28.1	9.08		H	80.105 727 76	−55.074 462 97		2.01	1.53	3.23	0.82	0.89	0.84	0.83	1.08	+24	−21	+13	−18	−35	+5	−40	−25	+4	+25	0	−0.79
24925	H	05 20 26.41	−05 22 03.1	6.40		H	80.110 038 44	−05.367 516 87	A	4.80	−4.11	−4.72	1.30	1.02	1.32	1.24	0.88	+7	+31	−22	−16	−36	+8	−36	−27	−11	+23	5	2.43
24926		05 20 26.49	−11 34 50.7	9.68		H	80.110 391 28	−11.580 762 63		3.68	1.68	0.54	1.30	1.02	1.73	1.36	1.08	−26	+43	−31	+12	−39	−1	−40	+21	−11	−41	0	−0.01
24927	H	05 20 26.91	−21 14 23.1	4.70		G	80.112 132 25	−21.239 739 32	A	7.11	10.78	−9.91	0.45	0.48	0.67	0.63	0.56	+22	+8	−12	+14	−26	+28	−17	+16	−12	−10	1	−1.33
24928		05 20 27.04	−48 01 41.8	8.94		H	80.112 685 88	−48.028 286 08		1.97	0.62	−1.85	0.83	0.96	0.98	0.94	1.25	−12	+13	−13	−3	−6	+3	−6	−11	+5	−5	0	−0.73
24929		05 20 28.21	−60 46 47.7	7.09		H	80.117 534 43	−60.779 918 15		6.15	−5.58	29.82	0.49	0.51	0.55	0.55	0.59	−9	+7	−6	+5	+14	−13	+15	−10	−14	+11	5	1.65
24930		05 20 28.89	−05 48 43.7	8.93		H	80.120 380 03	−05.812 127 19		5.53	2.17	−2.98	1.03	0.76	1.40	1.09	0.95	+0	+45	−5	+10	−7	+2	−21	+2	−33	+1	3	0.78
24931		05 20 29.84	−47 31 03.3	7.81		H	80.124 347 82	−47.517 581 98		3.90	−2.75	−33.92	0.62	0.72	0.73	0.85	1.02	−5	+5	−4	+9	+1	−1	−1	−15	+6	−16	0	−0.06
24932		05 20 30.17	−19 24 14.6	9.32		G	80.125 704 91	−19.404 045 74		7.90	99.02	87.03	0.98	0.98	1.55	1.00	1.06	−17	+28	−34	−24	−3	+9	−9	+14	−32	−9	3	−1.91
24933		05 20 32.03	+05 39 49.8	8.70		H	80.133 440 35	+05.663 826 68		6.96	19.17	−11.51	1.17	0.83	1.29	1.33	0.94	+31	+40	+2	+10	−2	+2	−2	+37	+2	+42	2	1.19
24934		05 20 32.63	+31 39 00.6	9.41		H	80.135 970 56	+31.650 158 90		9.04	−12.54	−8.25	1.30	0.74	1.49	1.35	0.76	+8	+34	−10	+1	+12	+20	+3	+29	−10	+31	0	−1.90
24935		05 20 32.81	−42 44 12.8	8.77		H	80.136 728 55	−42.736 901 03		13.57	−47.02	−24.80	0.66	0.76	0.81	0.65	0.90	−11	+10	−13	−16	−2	+13	+1	−19	+15	−7	0	−0.58
24936		05 20 32.86	−05 17 17.0	8.72		G	80.136 929 92	−05.288 054 52		5.28	1.56	−3.96	1.01	0.73	1.31	1.10	0.82	+5	+37	−9	+0	−29	+0	−32	−7	−18	+9	0	0.22
24937		05 20 32.96	−13 23 10.0	7.69		H	80.137 325 34	−13.386 104 05		4.57	−4.27	−51.19	0.80	0.70	1.10	0.80	0.75	−22	+38	−23	+24	−40	+1	−45	+28	−17	−31	0	0.82
24938		05 20 33.04	+36 37 56.1	8.17	2	H	80.137 651 20	+36.632 240 12		0.75	−1.26	−3.81	0.99	0.58	1.07	1.20	0.62	+11	+25	−5	+22	−4	−3	−5	+25	−12	+14	0	−2.36
24939		05 20 33.26	−79 40 51.1	8.75		H	80.138 576 61	−79.680 852 14		0.76	15.83	−7.07	0.71	0.59	0.72	0.76	0.75	−4	+22	−1	−26	−6	+3	−4	+4	+0	−15	0	−0.05
24940		05 20 33.71	−66 58 53.4	11.26		G	80.140 460 43	−66.981 512 04		−0.87	9.68	−36.33	1.52	1.50	1.54	1.72	2.00	−11	+9	+6	−25	+8	+5	+14	+3	+0	−28	3	0.89
24941		05 20 34.91	−22 25 00.5	8.68		H	80.145 444 17	−22.416 796 31		1.83	2.84	9.81	0.79	0.90	1.17	1.16	1.04	−19	+14	−5	+37	−35	−4	−30	+38	+1	−26	1	−0.02
24942		05 20 35.75	+15 03 33.6	8.14		H	80.148 954 37	+15.059 330 25		5.84	1.09	−6.49	1.02	0.63	1.15	1.18	0.71	+10	+45	−26	+19	+22	+3	+12	+49	−11	+37	0	−0.55
24943		05 20 36.93	−43 32 02.6	6.60	2	H	80.153 880 44	−43.534 049 58		2.59	17.05	39.34	0.48	0.54	0.56	0.54	0.66	−8	+10	−7	−23	+0	+14	+1	−29	+13	−12	0	2.07
24944		05 20 37.48	−05 49 21.3	7.99		H	80.156 174 80	−05.822 570 05		8.73	−8.23	−30.50	0.90	0.66	1.26	0.95	0.81	−10	+46	−19	+16	−3	+5	−17	+16	−33	−6	0	0.28
24945		05 20 37.92	+20 49 47.9	7.71		H	80.158 007 26	+20.829 961 45		5.46	−15.27	−8.74	1.01	0.69	1.11	1.37	0.79	+33	+25	−22	+22	+42	−23	+26	+65	−28	+48	0	0.66
24946		05 20 37.98	−29 55 05.1	8.74		H	80.158 248 45	−29.918 094 27		7.04	−7.81	−3.00	0.67	0.94	1.09	0.74	1.00	−12	+20	−25	−8	−8	+18	−4	−31	+6	−15	0	0.04
24947		05 20 38.02	−39 45 17.9	7.39	1	H	80.158 411 38	−39.754 975 35		21.91	38.93	12.80	0.47	0.60	0.63	0.49	0.69	+10	+13	−11	−5	−16	+16	−14	−21	+15	+9	2	0.34
24948		05 20 38.34	+71 42 53.0	6.57		H	80.159 732 23	+71.714 717 93		5.89	−25.23	−15.39	0.36	0.57	0.68	0.40	0.77	−12	+21	−12	+4	+20	+10	+19	−44	+12	−18	0	−1.81
24949		05 20 38.40	+32 16 27.0	8.11		H	80.159 999 00	+32.274 154 22		1.05	1.31	−4.38	1.15	0.65	1.28	1.38	0.75	+17	+31	−18	−18	−2	+25	−9	+12	+9	+56	0	0.21
24950		05 20 39.09	+46 57 26.4	9.57		H	80.162 895 82	+46.957 346 07	B	−15.06	65.13	−7.15	75.40	44.88	41.88	44.81	23.39	−4	+38	−11	+9	−8	+0	−9	−10	−1	−14	0	−0.13
24951		05 20 39.17	+46 57 49.7	6.54		H	80.163 193 56	+46.963 805 31	A	5.30	−4.70	−8.95	1.60	1.18	1.47	1.78	1.11	+7	+25	−11	+0	−15	+5	−12	−14	+3	−6	0	−0.13
24952		05 20 39.52	+00 35 40.4	8.79		H	80.164 683 75	+00.594 549 44		6.70	12.69	8.32	0.96	0.60	1.20	1.01	0.62	−6	+43	−8	+8	−21	−6	−27	+8	−22	−7	0	0.04
24953		05 20 40.07	−10 31 38.5	8.35		H	80.166 958 86	−10.527 374 23		5.60	1.82	−15.47	0.80	0.68	1.06	0.88	0.78	−24	+18	−10	+21	−30	+0	−32	+18	−8	−24	0	−0.03
24954		05 20 40.58	−27 48 16.8	8.98		G	80.169 079 03	−27.804 661 02		3.90	4.47	3.18	0.72	0.95	1.23	0.81	1.17	−5	+10	−12	−23	−5	+6	−6	+1	−16	−6	0	−1.87
24955		05 20 40.69	+66 44 48.5	6.39		H	80.169 546 75	+66.746 819 44		8.50	−7.59	24.29	0.44	0.48	0.71	0.54	0.60	+0	+18	−5	+21	+21	−5	+23	+13	+12	+13	3	1.68
24956	H	05 20 41.15	+63 09 54.4	8.42		H	80.171 470 92	+63.165 099 87	A	1.65	−5.09	0.81	1.39	1.33	1.68	1.29	1.27	−1	+9	−7	−30	+26	+1	+25	−14	−23	−3	1	−0.09
24957		05 20 43.08	+37 26 19.2	6.79		H	80.179 499 40	+37.438 677 17		−0.13	0.75	−4.72	0.79	0.46	0.86	1.00	0.49	+17	+23	−8	−8	+1	+12	+0	+4	−6	+22	0	1.88
24958		05 20 43.24	+15 38 13.0	8.24		G	80.180 187 07	+15.636 935 07		4.98	6.84	−6.44	1.23	0.72	1.39	1.50	0.77	+3	+42	−26	+8	+27	−5	+13	+50	−17	+20	0	1.09
24959		05 20 43.52	+17 14 34.7	7.80		H	80.181 313 43	+17.242 961 47		3.72	−9.75	−4.80	0.96	0.58	1.05	1.04	0.62	+21	+45	−6	+4	+32	−7	+17	+46	−16	+33	0	1.72
24960		05 20 43.74	+02 32 41.0	6.43		H	80.182 264 66	+02.544 730 26		7.86	31.60	20.48	0.81	0.55	0.97	1.04	0.66	+16	+22	−3	+21	+6	+20	+1	+45	−28	+8	0	−0.42
24961		05 20 44.50	−29 12 22.0	7.41		H	80.185 428 12	−29.206 107 68		6.37	1.17	14.40	0.47	0.55	0.71	0.55	0.64	−11	+20	−10	+15	−3	+8	−5	+5	−10	−17	0	−0.73
24962		05 20 49.94	+34 16 02.9	7.35		H	80.208 064 21	+34.267 485 13		1.38	2.62	−2.84	0.81	0.48	0.91	0.82	0.48	−7	+41	−22	+13	+21	+3	+13	+27	−13	+7	0	−0.62
24963		05 20 50.24	−63 31 30.7	8.32		H	80.209 313 69	−63.525 186 25		2.17	3.57	35.51	0.65	0.65	0.69	0.76	0.88	−6	+8	−15	−2	+5	−10	+5	+9	−4	−5	0	1.00
24964	H	05 20 50.46	+50 36 56.9	8.86		H	80.210 241 23	+50.615 815 47	A	3.06	4.03	−0.10	2.10	1.35	2.09	2.32	1.22	+16	+13	−11	+2	+0	+23	+5	+12	+13	+28	2	0.91
24965		05 20 50.90	−77 55 15.6	9.15		G	80.212 086 22	−77.920 993 56		20.59	−100.36	278.66	0.74	0.60	0.80	0.78	0.81	−12	+18	−1	−4	−7	+0	−10	+4	−3	−4	0	2.09
24966		05 20 51.55	−25 32 18.9	8.98		H	80.214 808 59	−25.538 581 33		3.59	7.52	9.19	0.64	0.90	1.32	0.72	1.14	−5	+20	−19	−20	+2	−6	−7	+5	−36	+4	1	0.05
24967		05 20 52.25	+02 55 43.7	6.77		H	80.217 696 88	+02.928 813 86		9.03	0.06	24.07	0.82	0.58	0.99	1.01	0.67	+19	+28	−3	+24	+5	+9	+0	+48	−21	+19	0	0.79
24968		05 20 52.37	−57 21 14.6	9.18		H	80.218 194 35	−57.354 055 25		11.13	27.02	39.55	0.82	0.88	0.91	0.89	1.10	+0	+7	+9	−4	+2	−20	+5	−15	−1	+6	0	−0.79
24969	H	05 20 52.86	+78 22 29.2	7.96		G	80.220 231 24	+78.374 775 93	A	7.76	12.65	−48.14	0.84	1.04	1.15	0.84	1.23	+7	+24	+25	+6	+7	+1	+4	−3	−13	+8	0	−1.49
24970		05 20 52.91	+01 00 59.9	9.15		H	80.220 471 48	+01.016 626 49		5.75	0.74	−2.31	1.13	0.78	1.40	1.35	0.84	+12	+28	−11	+17	−7	−12	−12	+31	−26	+16	0	−0.47
24971		05 20 53.22	+09 43 28.4	6.62		H	80.221 770 51	+09.724 566 63		12.36	−1.23	34.73	1.04	0.57	0.96	1.25	0.67	+38	+31	+10	−41	−8	−2	−8	+30	−7	+48	0	−0.47
24972		05 20 54.10	−49 46 11.1	8.49		H	80.225 436 70	−49.769 754 01		7.60	−0.34	43.59	0.58	0.71	0.70	0.61	0.87	−1	−2	−11	+8	−11	+3	−12	−2	+8	+3	0	0.08
24973		05 20 54.74	+40 53 05.5	7.29		H	80.228 094 80	+40.884 864 62		5.34	−5.10	−4.36	0.89	0.46	0.99	0.86	0.45	+0	+49	−13	+26	+5	+12	+3	+27	−5	+19	2	0.21
24974		05 20 55.17	−21 02 23.6	7.64		G	80.229 867 62	−21.039 897 53		3.38	−11.12	2.53	0.44	0.56	0.89	0.81	0.74	+22	+2	−20	+14	−15	+26	−4	+30	−26	−3	0	0.03
24975		05 20 55.47	−19 41 14.7	7.41		H	80.231 128 37	−19.687 410 20		4.65	−0.33	34.27	0.59	0.57	0.91	0.76	0.73	−12	+26	−13	−17	−3	+6	−12	+16	−23	+4	0	−1.15
24976		05 20 56.35	+43 24 46.4	8.25		G	80.234 775 45	+43.412 902 28		0.97	1.82	−1.98	0.89	0.50	0.97	0.99	0.51	+10	+36	−8	+22	+11	−13	+10	+21	+3	+16	0	1.17
24977		05 20 56.62	+19 48 51.7	6.20		H	80.235 905 18	+19.814 368 74		5.22	−3.80	−9.04	0.88	0.57	0.98	1.10	0.61	+16	+38	−20	+17	+26	−19	+13	+63	−19	+29	0	1.37
*24978		05 20 57.22	−14 37 52.9	8.20		H	80.238 436 55	−14.631 361 44		9.08	19.48	−39.44	0.78	0.67	0.99	0.86	0.74	−12	+21	−27	+18	−26	−1	−30	+19	−14	−12	0	−1.07
*24979		05 20 57.22	−54 23 29.1	9.29		H	80.238 433 63	−54.391 421 94		5.85	19.38	127.41	0.84	0.83	0.89	0.88	1.14	−7	−16	+8	−24	−7	+11	−13	−8	+9	+0	0	1.01
24980		05 20 57.47	−28 22 51.8	8.85		H	80.239 449 34	−28.381 068 44		3.20	−11.87	−7.44	0.65	0.83	1.15	0.88	1.34	−5	+8	−4	−11	+3	+3	+1	−6	−30	−5	1	−0.02
24981		05 20 57.52	−43 29 17.0	8.71		H	80.239 662 34	−43.488 062 51		3.84	6.62	12.22	0.73	0.83	0.88	0.77	1.00	+0	+8	+17	−26	−3	+13	−6	−19	+0	+0	0	1.69
24982		05 20 58.24	−11 36 53.8	8.33		H	80.242 648 42	−11.614 946 90		5.36	−5.80	5.06	0.98	0.77	1.26	1.00	0.83	−35	+41	−26	+32	−45	+0	−48	+33	−15	−44	0	1.53
24983		05 20 58.87	−64 04 30.3	7.86		H	80.245 277 26	−64.075 074 91		3.42	2.58	26.88	0.58	0.60	0.62	0.67	0.80	+2	+18	−14	−12	−1	−9	−5	+9	−6	+14	0	−0.29
24984		05 20 59.34	+27 57 26.3	6.35	1	H	80.247 266 81	+27.957 297 08		4.69	−14.92	−14.55	0.82	0.54	0.87	0.95	0.57	+27	+29	−10	+13	+20	+10	+16	+39	−4	+40	0	2.72
24985		05 21 00.76	+71 13 15.5	8.14		H	80.253 178 11	+71.220 968 75		2.29	−4.46	−4.03	0.47	0.71	1.01	0.48	0.87	−13	+27	−17	+5	+7	+9	+12	−20	+4	−1	1	0.99
24986		05 21 01.05	−64 19 59.4	8.04		G	80.254 365 80	−64.333 154 80		11.20	−60.36	167.67	0.56	0.60	0.62	0.59	0.74	−1	+18	−10	−2	−1	−12	−4	+10	−6	+3	1	1.68
24987		05 21 01.53	+39 37 18.9	7.76		H	80.256 385 16	+39.621 929 31		5.08	−14.99	−19.84	0.91	0.47	1.02	1.08	0.48	+0	+40	−11	+31	−11	+13	−11	+23	−10	−2	0	1.80
24988		05 21 01.71	−65 48 02.4	9.70	2	H	80.257 118 93	−65.800 673 27		−0.48	1.26	−1.42	0.88	0.99	1.04	0.65	1.18	+1	+20	−4	−48	+22	−12	+24	+2	+6	+23	0	−1.60
24989		05 21 03.25	+04 28 41.0	8.40		H	80.263 535 37	+04.478 059 12		5.53	3.90	−0.10	1.12	0.78	1.43	1.40	0.98	+34	+29	−11	+40	+21	−1	+8	+62	−41	+38	2	1.20
24990		05 21 04.16	+42 30 15.6	7.75		H	80.267 324 41	+42.504 335 66		2.29	−6.21	0.87	0.95	0.49	1.03	1.17	0.49	+5	+29	−6	+34	+8	−22	+6	+24	+10	−7	0	2.34
24991		05 21 04.80	−10 20 57.2	9.77		G	80.269 999 00	−10.349 225 16		1.74	−1.68	6.95	1.14	1.01	1.62	1.28	1.15	−12	+15	−9	+14	−26	+6	−27	+7	−13	−13	0	−0.04
24992		05 21 05.23	−72 05 39.8	8.48		G	80.271 777 21	−72.094 391 60		0.89	−2.74	4.87	0.65	0.66	0.69	0.67	0.76	−9	+13	+7	−4	−8	+5	−8	+15	−12	−22	0	0.59
24993		05 21 06.31	+12 25 51.3	8.38		H	80.276 297 15	+12.430 920 85		6.10	−7.04	−13.44	1.17	0.75	1.28	1.27	0.82	+17	+49	−12	+18	+28	−6	+18	+54	−11	+26	0	0.27
24994		05 21 09.49	+24 13 18.4	10.87		H	80.289 552 76	+24.221 772 37		4.31	20.01	−27.51	2.10	1.21	2.26	2.55	1.35	+15	+41	+0	−1	+2	−8	+2	+32	+2	+24	0	0.37
24995		05 21 09.91	−08 17 05.5	9.20		H	80.291 287 25	−08.284 867 04		6.02	3.26	−2.99	1.38	1.05	1.86	1.34	1.07	−28	+52	−32	+38	−42	+21	−35	+11	−4	−21	2	0.53
24996		05 21 11.07	−30 04 18.7	7.39		H	80.296 122 53	−30.071 855 32		3.90	−2.98	8.03	0.47	0.63	0.77	0.51	0.74	−10	+13	−21	+0	−9	+11	−5	−12	+17	−9	0	−1.21
24997		05 21 11.52	−02 51 35.5	7.86		H	80.297 992 81	−02.859 851 29		4.17	−7.10	−2.96	0.81	0.56	1.04	0.99	0.63	−8	+25	−19	+0	−31	+22	−29	−3	−18	−16	0	2.72
24998		05 21 11.97	+11 06 34.1	7.46		G	80.299 895 36	+11.109 484 63		9.04	−16.17	−52.65	0.96	0.63	1.07	1.00	0.72	+21	+47	−9	+3	+36	−13	+15	+53	−16	+48	3	−0.10
24999		05 21 12.14	−56 31 08.0	8.35		H	80.300 579 65	−56.518 900 37		1.73	−4.10	10.43	0.64	0.81	0.76	0.74	1.07	−1	+10	+15	+7	+6	−14	+8	+5	+6	−5	0	−1.34
25000	H	05 21 12.50	+32 34 46.2	8.43		G	80.302 066 52	+32.579 495 79	A	−0.02	0.92	−3.40	1.75	1.10	1.75	2.09	1.15	+4	+24	−8	−3	−11	+13	−8	+10	+5	+22	1	0.21

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
24901	10.174	0.030	8.355	0.013		1.514	0.026	T	1.55	0.04	L	8.3334	0.0018	0.016	78		8.31	8.36		C			1							
24902	5.615	0.004	5.480	0.004	*	0.122	0.006	T	0.14	0.01	L *	5.5089	0.0007	0.005	84	*	5.50	5.52		D	05202+4105	H 1	2 C A	AB	48	0.380	0.016	2.97	0.06	S
24903	9.959	0.021	9.364	0.019		0.555	0.021	T	0.63	0.02	L	9.4307	0.0027	0.021	107		9.39	9.47					1							
24904	9.848	0.016	9.528	0.018		0.304	0.023	T	0.35	0.03	L	9.5901	0.0017	0.022	205		9.54	9.63		C			1 S							
24905	8.644	0.013	8.365	0.015	A	0.268	0.015	G	0.30	0.02	H	8.4395	0.0079	0.029	62	A	8.42	8.51		U	05203+2510	I 1	2 C A	AB	80	12.112	0.018	2.40	0.07	
24906	6.612	0.004	6.643	0.005		−0.026	0.006	T	0.00	0.01	L	6.6485	0.0023	0.015	78		6.63	6.67	1.64	P 1 A			1							S P
24907	11.340	0.095	10.995	0.109		−0.016	0.044	G	0.01	0.04	H	11.3015	0.0064	0.048	96		11.22	11.38		C			1							D
24909	6.727	0.004	6.382	0.004		0.318	0.004	G	0.37	0.01	H	6.4222	0.0007	0.008	115		6.41	6.44					1							S
24910	11.360	0.093	9.271	0.025		1.728	0.077	T	1.75	0.08	L	9.1997	0.0023	0.015	68		9.18	9.23		C			1							
24911	9.575	0.019	7.951	0.010		1.360	0.017	T	1.33	0.02	L	7.9659	0.0018	0.012	92		7.94	7.98					1							S
24912	9.244	0.014	8.613	0.013	A	0.600	0.495	G	0.65	0.02	L *	8.5945	0.0017	0.017	132	*	8.56	8.62		D	05204−3237	I 1	2 C A	AB	170	1.101	0.009	1.95	0.04	
24913	11.144	0.059	10.422	0.046	B	0.663	0.060	T	0.72	0.05	L	10.6491	0.0750			B				D	05204−3324	I 2	1 C I C							P
24914	7.922	0.007	5.833	0.004		1.728	0.006	T	1.75	0.01	L	5.7361	0.0012	0.009	115		5.72	5.75					1							S
24915	8.862	0.010	8.852	0.012		0.010	0.014	T	0.03	0.01	L	8.8755	0.0019	0.020	159		8.84	8.92		C			1							S
24916	10.189	0.030	9.890	0.035	A	0.165	0.400	G	0.37	0.13	L *	9.9717	0.0039	0.025	79	*	9.92	10.02		C	05204−0618	I 1	2 C C	AB	256	1.970	0.117	3.57	0.46	G
24917	9.908	0.021	9.369	0.020	A	0.505	0.026	T	0.58	0.03	L	9.4453	0.0294	0.074	136	A	9.30	9.52		D	05204−3324	I 2	1 C P C							
24918	9.386	0.016	8.197	0.011		1.018	0.015	T	0.99	0.01	L	8.2527	0.0016	0.013	106		8.23	8.28		C			1							
24919	7.951	0.012	7.576	0.014	*	0.380	0.015	G	0.44	0.02	H *	7.6200	0.0017	0.012	75	*	7.60	7.64		D	05204−0802	I 2	2 C A	AB	332	0.621	0.003	0.30	0.02	S
24920	9.122	0.026	8.724	0.027		0.377	0.035	T	0.44	0.04	L	8.8010	0.0029	0.020	74		8.77	8.83		C	05204−0802	I 2	1							
24921	7.598	0.008	7.437	0.009		0.155	0.011	T	0.17	0.01	L	7.4727	0.0010	0.008	60		7.46	7.49		D			1 S							S
24922	9.378	0.018	9.217	0.022		0.147	0.027	T	0.16	0.03	L	9.1974	0.0030	0.023	90		9.16	9.24		U			1							
24923	9.980	0.030	9.106	0.023		0.765	0.029	T	0.80	0.02	L	9.1714	0.0022	0.022	72		9.14	9.21		C			1							
24924	9.232	0.015	9.129	0.019		0.093	0.022	T	0.11	0.02	L	9.1215	0.0022	0.017	83		9.09	9.16		C			1							
24925	6.350	0.004	6.407	0.006	*	−0.047	0.006	T	−0.03	0.01	L *	6.3876	0.0007	0.007	91	*	6.38	6.40		D	05204−0522	I 1	2 C A	AC	196	0.527	0.011	2.63	0.05	S
24926	9.924	0.027	9.700	0.032		0.214	0.039	T	0.24	0.04	L	9.7502	0.0023	0.024	86		9.72	9.80					1							
24927	4.672	0.002	4.724	0.002	A	−0.048	0.003	G	−0.03	0.02	A *	4.6925	0.0003	0.004	197	*	4.69	4.70		D	05204−2114	I 1	2 C A	AB	280	4.108	0.009	3.72	0.05	S
24928	10.465	0.039	9.026	0.020		1.214	0.034	T	1.17	0.03	L	9.1027	0.0025	0.021	85		9.06	9.13					1							
24929	7.224	0.005	7.093	0.006		0.119	0.007	T	0.13	0.01	L	7.1335	0.0013	0.010	110		7.11	7.15					1							S
24930	9.020	0.016	8.947	0.020		0.090	0.015	G	0.10	0.02	H	8.9644	0.0029	0.021	87		8.93	9.00					1 S							
24931	9.062	0.013	7.942	0.009		0.965	0.012	T	0.95	0.01	L	7.9770	0.0015	0.011	96		7.96	8.01		C			1							
24932	10.033	0.022	9.345	0.019		0.611	0.011	G	0.68	0.01	H	9.4475	0.0020	0.021	122		9.40	9.49		C			1							
24933	9.300	0.021	8.769	0.020		0.498	0.026	T	0.57	0.03	L	8.8107	0.0026	0.016	62		8.79	8.85		C			1							S
24934	9.961	0.027	9.471	0.028		0.461	0.035	T	0.53	0.04	L	9.5088	0.0021	0.019	77		9.48	9.54		C			1							G
24935	9.296	0.014	8.835	0.014		0.448	0.016	T	0.52	0.02	L	8.8729	0.0024	0.020	115		8.84	8.90		C			1							S
24936	8.647	0.012	8.740	0.016		−0.052	0.002	G	−0.03	0.00	H	8.6913	0.0019	0.016	87		8.66	8.71		C			1							
24937	9.004	0.016	7.794	0.010		1.035	0.015	T	1.01	0.01	L	7.8583	0.0011	0.012	83		7.84	7.89					1							
24938	8.187	0.011	8.166	0.013		0.024	0.016	T	0.04	0.01	L	8.1900	0.0040	0.034	84		8.14	8.31		U 2			1							
24939	10.925	0.048	8.921	0.016		1.661	0.040	T	1.68	0.04	L	8.8641	0.0022	0.017	114		8.85	8.89					1							
24940						0.170	0.015	G	0.19	0.01	H	11.3376	0.0047	0.042	107		11.20	11.40					1 S							G
24941	10.645	0.033	8.834	0.013		1.507	0.028	T	1.54	0.04	L	8.8029	0.0020	0.025	139		8.76	8.85					1							
24942	8.294	0.012	8.157	0.014		0.124	0.017	T	0.14	0.02	L	8.1896	0.0016	0.011	72		8.18	8.21		C			1							
24943	8.820	0.012	6.827	0.005		1.688	0.011	T	2.32	0.09	O	6.6543	0.0181	0.195	107		6.46	7.06	318.00	P 1 A			1 S							S
24944	9.200	0.017	8.095	0.011		0.953	0.016	T	0.94	0.01	L	8.1584	0.0018	0.013	88		8.14	8.19					1							
24945	7.877	0.007	7.729	0.011		0.142	0.012	T	0.16	0.01	L	7.7572	0.0012	0.008	64		7.74	7.77		C			1 S							
24946	9.066	0.012	8.766	0.013		0.285	0.019	T	0.32	0.02	L	8.8136	0.0021	0.020	137		8.79	8.85		C			1							S
24947	7.993	0.008	7.455	0.007		0.510	0.003	G	0.58	0.00	H	7.5058	0.0018	0.016	123		7.49	7.53		M			1							S
24948	7.739	0.005	6.670	0.003		0.926	0.004	T	0.92	0.00	L	6.7326	0.0007	0.008	196		6.72	6.75					1 G							S
24949	9.996	0.029	8.229	0.013		1.472	0.025	T	1.49	0.04	L	8.2399	0.0016	0.012	74		8.22	8.27		C			1							
24950	9.370	0.029	9.207	0.037	B	0.170	0.040	G	0.19	0.04	R	9.1316	0.2299			B				D	05207+4658	I 2	1 C I C							
24951	7.250	0.008	6.618	0.006	A	0.582	0.007	T	0.65	0.01	L	6.6661	0.0311	0.012	72	A	6.65	6.68		D	05207+4658	I 2	1 C P C							S
24952	9.207	0.015	8.855	0.016		0.342	0.020	T	0.40	0.03	L	8.8722	0.0017	0.016	107		8.85	8.90					1							
24953	8.641	0.012	8.385	0.013		0.244	0.017	T	0.27	0.02	L	8.4224	0.0017	0.011	79		8.40	8.45		C			1							
24954	10.224	0.025	9.071	0.015		1.016	0.015	G	0.99	0.01	H	9.1470	0.0025	0.026	152		9.11	9.20					1							
24955	7.543	0.006	6.480	0.004		0.921	0.005	T	0.92	0.00	L	6.5499	0.0008	0.008	135		6.54	6.57		C			1							S
24956	8.514	0.013	8.300	0.015	*	0.204	0.019	T	0.22	0.02	L *	8.4859	0.0028	0.022	108	*	8.45	8.53		R	05207+6310	I 1	2 C A	AB	213	2.805	0.007	1.55	0.03	S
24957	6.796	0.005	6.801	0.006		0.000	0.007	T	0.02	0.01	L	6.7997	0.0011	0.010	84		6.78	6.81			05207+3726	I 1	1 S							S
24958	8.592	0.014	8.283	0.015		0.306	0.015	G	0.35	0.02	H	8.3116	0.0019	0.012	63		8.29	8.33					1							
24959	7.862	0.010	7.797	0.010		0.065	0.013	T	0.07	0.01	L	7.8254	0.0013	0.009	69		7.81	7.84		C			1							S
24960	7.758	0.010	6.540	0.006		1.041	0.009	T	1.01	0.01	L	6.5975	0.0011	0.007	71		6.59	6.61					1							S
24961	7.471	0.006	7.413	0.006		0.052	0.008	T	0.06	0.01	L	7.4341	0.0010	0.012	144		7.41	7.45					1							S
24962	9.385	0.032	7.495	0.014		1.570	0.028	T	1.59	0.03	L	7.4707	0.0015	0.009	76		7.46	7.48					1							
24963	9.734	0.021	8.445	0.013		1.096	0.019	T	1.06	0.02	L	8.4888	0.0018	0.016	109		8.46	8.51		C			1							
24964	9.188	0.024	9.092	0.031	A	0.300	0.495	G	0.11	0.06	L *	8.8983	0.0019	0.017	72	*	8.87	8.93		D	05208+5037	I 1	2 C A	AB	272	1.363	0.009	1.08	0.03	
24965	10.151	0.026	9.203	0.019		0.794	0.002	G	0.84	0.00	H	9.2989	0.0021	0.020	118		9.26	9.34		C			1							
24966	11.021	0.041	9.155	0.014		1.551	0.034	T	1.57	0.04	L	9.1016	0.0020	0.025	167		9.06	9.15					1							
24967	7.082	0.006	6.813	0.006		0.256	0.008	T	0.29	0.01	L	6.8429	0.0010	0.008	81		6.83	6.86		C			1							S
24968	10.007	0.028	9.213	0.022		0.704	0.027	T	0.76	0.02	L	9.3196	0.0019	0.016	78		9.30	9.35					1							
24969	8.205	0.029	7.863	0.018	*	0.321	0.007	G	0.37	0.01	H *	8.0358	0.0015	0.015	147	*	8.01	8.07		D	05209+7822	I 1	2 C A	AB	46	1.737	0.006	1.87	0.03	S
24970	9.280	0.020	9.123	0.024		0.143	0.029	T	0.16	0.03	L	9.2031	0.0020	0.016	79		9.18	9.24		C			1							
24971	6.800	0.006	6.639	0.006		0.155	0.008	T	0.17	0.01	L	6.6762	0.0011	0.007	66		6.66	6.69		C			1 G							S
24972	9.100	0.013	8.540	0.012		0.529	0.013	T	0.60	0.01	L	8.6043	0.0019	0.014	106		8.59	8.63					1							S
24973	7.285	0.007	7.276	0.009		0.013	0.011	T	0.03	0.01	L	7.3025	0.0009	0.007	88		7.29	7.32					1							S
24974	7.497	0.005	7.614	0.006		−0.106	0.002	G	−0.09	0.00	H	7.6083	0.0009	0.012	193		7.59	7.63					1							S
24975	8.758	0.009	7.523	0.006		1.054	0.008	T	1.02	0.01	L	7.5730	0.0012	0.013	149		7.55	7.59					1							S
24976	8.221	0.010	8.241	0.013		0.000	0.015	G	0.02	0.01	H	8.2566	0.0014	0.011	93		8.24	8.29		C			1							
24977	7.782	0.009	6.336	0.004		1.229	0.015	G	1.06	0.04	E	6.3720	0.0010	0.006	72		6.36	6.38		C			1							S
24978	8.698	0.011	8.260	0.011		0.443	0.015	G	0.51	0.02	H	8.2957	0.0018	0.017	99		8.27	8.32					1							S
24979	9.848	0.024	9.345	0.023		0.484	0.025	T	0.56	0.03	L	9.3988	0.0019	0.016	75		9.37	9.42		C			1							
24980	10.211	0.026	8.958	0.015		1.074	0.015	G	1.04	0.01	H	9.0152	0.0024	0.022	141		8.98	9.06					1							
24981	10.542	0.036	8.861	0.016		1.404	0.031	T	1.38	0.04	L	8.8507	0.0019	0.018	109		8.81	8.88		C			1							
24982	8.551	0.012	8.334	0.013		0.207	0.017	T	0.23	0.02	L	8.3977	0.0016	0.015	88		8.38	8.43					1							
24983	9.117	0.013	7.965	0.009		0.990	0.012	T	0.97	0.01	L	8.0205	0.0010	0.011	113		8.00	8.04					1							S
24984	6.396	0.005	6.359	0.006		0.039	0.007	T	0.05	0.01	L	6.3661	0.0010	0.009	62		6.36	6.39		M			1							S
24985	9.352	0.011	8.237	0.008		0.961	0.011	T	0.95	0.01	L	8.3034	0.0013	0.016	204		8.28	8.33			05210+7113	I 1	1							S
24986	8.625	0.010	8.107	0.009		0.521	0.015	G	0.59	0.02	H	8.1577	0.0014	0.015	118		8.13	8.19					1							S
24987	7.876	0.010	7.770	0.012		0.103	0.015	T	0.12	0.02	L	7.7968	0.0018	0.012	100		7.78	7.81					1							
24988	10.527	0.036	9.674	0.027		0.594	0.013	G	0.58	0.02	A	9.8089	0.0142	0.096	108		9.69	9.95	260.00	P 1 A			1 S							G P
24989	8.357	0.011	8.390	0.014		−0.015	0.012	G	0.00	0.01	L	8.4009	0.0009	0.011	80		8.38	8.42		D			1							
24990	7.744	0.009	7.737	0.010		0.010	0.015	G	0.03	0.01	H	7.7628	0.0011	0.008	82		7.75	7.78		C			1							S
24991	10.129	0.032	9.775	0.035		0.385	0.015	G	0.45	0.02	H	9.8573	0.0022	0.022	76		9.81	9.91					1							
24992	10.459	0.031	8.651	0.013		1.540	0.015	G	1.59	0.03	H	8.6223	0.0018	0.016	105		8.59	8.65					1							
24993	9.782	0.031	8.502	0.018		1.089	0.028	T	1.05	0.03	L	8.5512	0.0019	0.012	61		8.53	8.58		C			1							S
24994	11.956	0.202	11.200	0.160		0.642	0.086	G	0.71	0.08	R	11.0073	0.0053	0.038	64		10.94	11.06		C			1							G
24995	9.260	0.019	9.237	0.024		0.026	0.028	T	0.04	0.02	L	9.2202	0.0022	0.016	68		9.20	9.25		C			1							
24996	9.143	0.012	7.530	0.006		1.351	0.011	T	1.32	0.01	L	7.5411	0.0011	0.013	143		7.52	7.57		C			1							S
24997	9.203	0.018	7.958	0.011		1.062	0.016	T	1.03	0.01	L	8.0225	0.0008	0.010	86		8.01	8.04		D			1							
24998	7.908	0.009	7.516	0.011		0.371	0.013	T	0.43	0.01	L	7.5581	0.0012	0.008	67		7.55	7.57		C			1							S
24999	9.687	0.019	8.473	0.012		1.038	0.018	T	1.01	0.01	L	8.5123	0.0019	0.016	101		8.48	8.55		C			1 G							
25000	8.512	0.012	8.455	0.014	A	0.119	0.049	G	0.04	0.02	L *	8.4482	0.0022	0.016	73	*	8.43	8.47			05212+3235	M 1	2 C B	AB	244	1.164	0.065	3.39	0.13	

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
25001		05 21 12.69	+29 34 11.6	5.66		H	80.302 868 24	+29.569 884 62		11.72	−1.54	−0.19	0.78	0.53	0.87	0.97	0.60	+19	+24	−15	+5	+26	+16	+15	+44	−9	+45	0	1.19
25002		05 21 12.98	−14 09 09.1	7.68		H	80.304 064 72	−14.152 520 18		26.89	−26.95	28.40	0.69	0.61	0.96	0.72	0.67	−17	+32	−29	+18	−26	+1	−32	+23	−21	−19	0	1.47
25003		05 21 13.16	−75 55 02.4	7.90		G	80.304 838 74	−75.917 339 68		3.76	−9.20	−13.27	0.55	0.46	0.58	0.52	0.59	−7	+31	+4	−16	−1	−4	−7	+0	−13	+2	0	1.29
25004		05 21 13.37	+07 21 19.4	9.75	2	H	80.305 718 25	+07.355 380 07		1.57	1.61	−0.09	1.75	1.08	2.03	2.19	1.20	+3	+30	−23	−9	+0	+20	−9	+35	−10	+31	3	1.51
25005		05 21 14.15	−58 06 24.7	8.58		G	80.308 963 62	−58.106 867 48		0.39	−1.77	−1.83	0.82	0.79	0.85	1.04	1.04	−24	−18	+6	−10	+5	+10	+1	−8	+18	−34	0	−0.86
25006		05 21 14.71	−07 28 47.8	8.18		H	80.311 307 82	−07.479 941 17		7.39	9.48	−12.87	0.88	0.69	1.11	1.00	0.80	+5	+26	+2	+31	−24	−5	−22	+12	+1	+6	0	−0.55
25007		05 21 16.86	−34 20 42.2	6.05	2	H	80.320 251 64	−34.345 066 41		1.72	0.57	6.20	0.63	0.77	0.89	0.75	1.07	−4	+12	+0	−7	−1	−2	−3	−22	+10	−15	0	
25008		05 21 17.35	+54 15 08.9	6.63		G	80.322 281 73	+54.252 482 04		7.05	−8.05	26.06	0.75	0.55	0.85	0.81	0.56	+4	+31	−10	+9	+5	−3	+7	+3	+8	+13	0	−2.09
25009		05 21 17.39	−56 14 43.6	8.24		H	80.322 443 26	−56.245 441 76		3.53	19.62	35.59	0.62	0.72	0.71	0.73	0.91	−7	+5	+16	+16	−6	+3	−6	+10	+11	−12	0	−1.09
25010		05 21 18.24	−15 09 03.5	7.51		H	80.325 989 82	−15.150 966 98		8.41	19.78	18.65	0.70	0.64	0.89	0.74	0.72	−15	+21	−23	+25	−33	−5	−37	+34	−10	−15	0	−0.72
25011		05 21 19.31	+04 00 43.1	6.49	2	H	80.330 449 10	+04.011 977 92		2.62	−1.62	−12.18	0.85	0.59	1.03	1.02	0.66	+31	+24	+13	+34	−1	−2	−1	+52	−20	+27	2	0.11
25012		05 21 21.12	+33 22 55.3	9.43		H	80.338 001 88	+33.382 033 02	B	−6.99	−0.04	−4.24	20.27	10.64	8.34	11.79	5.41	−6	+39	−27	+7	−15	−7	−19	+4	−6	+19	10	2.14
25013		05 21 21.60	+14 56 36.3	9.60		H	80.340 010 04	+14.943 417 56		4.84	17.48	−18.21	1.54	0.95	1.76	1.93	1.11	+3	+46	−30	+20	+18	−1	+6	+49	−18	+27	0	−0.27
25014		05 21 21.68	−14 33 19.3	7.31		G	80.340 340 27	−14.555 373 10		0.02	3.45	−1.78	0.61	0.52	0.78	0.66	0.59	−5	+22	−23	+11	−22	−7	−26	+14	−9	−7	0	1.28
25015		05 21 21.76	+33 23 07.6	8.80		H	80.340 659 19	+33.385 457 09	A	−3.39	−1.08	−3.95	6.17	3.67	5.17	7.18	3.55	−4	+41	−30	+3	−19	−4	−20	−3	−4	+20	10	2.14
25016		05 21 22.64	+01 32 21.1	9.09		H	80.344 354 10	+01.539 200 06		2.32	11.95	−3.17	1.29	0.88	1.52	1.68	1.02	+19	+21	−6	+22	+7	−4	+1	+43	−32	+21	0	−1.38
25017		05 21 23.05	−51 34 31.4	6.67		H	80.346 039 60	−51.575 400 47		4.82	24.19	31.65	0.44	0.54	0.52	0.47	0.62	−4	−1	+1	+6	−9	+6	−10	−15	+1	−5	0	0.45
25018	H	05 21 23.73	+15 48 53.9	10.15		H	80.348 893 66	+15.814 972 81	*	4.94	1.77	6.47	1.89	1.19	2.04	2.53	1.35	+3	+28	−18	+8	+27	+3	+19	+42	−18	+3	0	1.27
25019		05 21 25.11	−77 41 43.5	9.44		H	80.354 608 88	−77.695 425 41		1.81	5.03	−32.61	0.82	0.65	0.85	0.87	0.88	−8	+13	−8	−9	−14	−5	−20	−9	−11	−3	0	0.73
25020		05 21 26.15	−45 20 28.5	8.40		H	80.358 974 94	−45.341 246 66		10.00	−9.79	27.55	0.63	0.70	0.72	0.87	0.95	−9	+14	−14	+14	−13	+5	−18	−24	+7	−25	2	−0.92
25021		05 21 26.28	−40 45 51.4	8.53		H	80.359 481 04	−40.764 277 82		2.37	−2.21	−2.03	0.62	0.78	0.81	0.63	1.02	−9	+9	−17	+1	−8	+3	−10	−14	−4	−8	0	0.42
25022		05 21 27.39	+79 03 03.2	9.11		H	80.364 132 86	+79.050 890 64		7.64	5.82	−56.16	0.64	0.83	0.96	0.65	0.96	+0	+19	−2	+18	+9	+15	+11	+8	+2	+10	0	0.31
25023		05 21 28.15	−39 29 52.5	7.51		H	80.367 304 41	−39.497 906 32		3.57	5.25	46.72	0.51	0.64	0.68	0.53	0.77	+15	−1	−15	−10	−20	+19	−21	−26	+18	+12	1	−0.42
25024		05 21 28.37	+48 33 32.0	9.27		H	80.368 208 53	+48.558 885 36		2.61	0.72	−13.90	1.07	0.69	1.22	1.28	0.69	+17	+16	+1	+34	−4	−19	−4	+21	−4	+7	2	2.03
25025		05 21 28.43	−01 32 46.4	7.11		G	80.368 475 03	−01.546 235 04		4.20	−2.58	0.13	0.69	0.50	0.89	0.85	0.55	+21	+11	−13	−32	−34	+20	−31	−27	−17	+17	0	1.58
25026		05 21 29.88	−44 22 24.5	7.77		H	80.374 495 03	−44.373 485 69		6.75	−20.72	13.16	0.52	0.61	0.63	0.55	0.81	−16	−1	−5	−6	+2	+7	+3	−13	+9	−7	0	−0.98
25027		05 21 30.69	+35 18 20.7	9.46		H	80.377 895 30	+35.305 763 58		−0.61	6.33	−3.28	1.19	0.68	1.34	1.24	0.70	−11	+44	−22	+21	+8	+4	+4	+28	−8	+3	0	0.40
25028		05 21 31.84	−00 24 59.4	5.68		H	80.382 682 11	−00.416 493 97		3.03	−0.28	1.18	0.62	0.39	0.77	0.67	0.42	−11	+41	−7	+12	−27	+8	−31	−6	−18	−24	2	1.00
25029		05 21 33.23	+86 51 59.0	8.52		H	80.388 469 74	+86.866 378 98		12.82	−30.77	36.95	0.66	0.74	0.80	0.88	0.92	+1	+17	−0	−26	+11	−6	+8	+4	−5	−5	0	1.99
25030		05 21 35.58	+34 44 38.6	9.36		H	80.398 237 73	+34.744 064 51		6.32	0.45	−8.64	1.24	0.75	1.41	1.34	0.77	+5	+33	−19	+15	+26	−3	+16	+35	−16	+14	0	−1.48
25031		05 21 36.22	−53 18 51.3	7.51		H	80.400 918 35	−53.314 249 10		5.04	1.57	22.90	0.55	0.63	0.61	0.59	0.75	−9	+9	+5	+16	−18	+3	−21	−12	−2	−15	0	−0.32
25032		05 21 38.11	−05 04 28.2	9.26		H	80.408 778 03	−05.074 511 96		6.83	1.31	14.38	1.17	0.94	1.57	1.24	1.07	+0	+40	−27	−5	−27	−2	−28	−21	−7	+19	0	0.37
25033	H	05 21 38.91	+10 19 37.7	9.23		H	80.412 126 60	+10.327 136 52	A	9.37	7.63	−12.92	4.22	2.73	2.87	3.24	1.66	+14	+40	−4	−21	−5	−1	+6	+30	−13	−8	1	−0.05
25034		05 21 39.12	+15 50 49.9	7.71		G	80.413 003 47	+15.847 183 21		17.48	−31.09	−46.38	0.98	0.66	1.04	1.30	0.75	+19	+28	−15	+15	+27	−3	+21	+46	−10	+22	0	−0.11
*25035	H	05 21 39.91	+18 54 24.5	7.71		G	80.416 304 61	+18.906 816 01	*	1.41	−2.71	−14.32	1.05	0.66	1.13	1.46	0.71	+10	+13	−12	+21	+6	−9	+6	+59	−8	+6	0	0.84
*25036	H	05 21 39.90	−02 03 04.7	8.49		H	80.416 267 24	−02.051 301 53	A	4.98	−2.44	9.81	2.40	1.49	2.64	2.37	1.37	+8	+10	−20	−19	−36	+9	−37	−22	−17	+6	4	0.75
25037		05 21 40.47	+12 40 06.2	7.95		H	80.418 644 58	+12.668 383 19		7.39	5.67	−29.35	0.98	0.61	1.10	1.13	0.67	+14	+48	−17	+11	+30	−11	+19	+50	−9	+28	0	−0.76
25038		05 21 41.06	−16 09 30.1	10.33		G	80.421 088 42	−16.158 355 36		9.32	54.33	−195.53	1.16	1.10	1.70	1.23	1.20	+3	+15	−3	−14	−31	−2	−24	+12	−9	−30	0	1.99
25039		05 21 42.70	−65 38 29.2	10.10		G	80.427 929 82	−65.641 437 23	A	2.09	−21.32	−23.93	2.46	2.58	2.11	1.60	2.71	+7	+15	+5	−56	+13	−12	+14	−8	−4	+31	0	0.52
25040		05 21 43.39	−65 38 51.1	12.57		H	80.430 799 81	−65.647 525 96	B	8.37	−9.12	−33.21	42.89	58.61	16.99	11.93	22.59	+24	+21	−2	−38	+33	−20	+33	+36	+0	+35	0	0.52
25041		05 21 43.56	+08 25 42.8	5.78		H	80.431 506 54	+08.428 563 42		4.43	−2.20	−2.97	0.76	0.55	0.83	0.86	0.62	+32	+31	−13	+17	+34	−8	+21	+56	−18	+49	0	0.69
25042		05 21 43.94	−47 38 47.4	8.48		H	80.433 082 56	−47.646 492 18		3.39	−2.35	−14.06	0.72	0.82	0.86	1.00	1.30	−2	+13	+3	+12	−7	+0	−10	+1	−2	−19	0	0.41
25043		05 21 45.26	−40 59 39.8	8.56		G	80.438 577 83	−40.994 381 58		2.80	−10.28	−2.35	0.63	0.77	0.79	0.61	0.91	−10	+20	−9	−13	+3	−2	+2	−35	+0	−10	1	−1.65
25044		05 21 45.75	−00 22 56.9	4.72	1	H	80.440 615 30	−00.382 469 22		2.53	0.45	1.67	0.58	0.39	0.74	0.64	0.42	−6	+40	−6	+8	−23	+3	−26	−7	−15	−19	0	0.60
25045	H	05 21 46.27	−24 46 22.6	5.06		G	80.442 781 96	−24.772 949 96	A	11.09	−20.55	−12.99	0.54	0.69	0.85	0.54	0.76	−12	+12	−16	−11	−8	+1	−11	+5	−15	−12	2	0.48
25046	H	05 21 47.40	+64 54 15.9	9.47		H	80.447 491 64	+64.904 421 63	A	3.78	−0.25	5.19	1.96	1.90	2.78	2.11	1.98	−28	+2	−10	−1	+21	−14	+16	+4	−16	−21	0	−0.75
25047		05 21 47.76	+01 34 00.2	9.39		H	80.448 981 37	+01.566 710 06		2.85	11.31	3.80	1.46	0.91	1.77	1.89	1.04	+10	+24	+3	+10	−12	−1	−15	+22	−33	+0	0	1.16
25048		05 21 48.41	+41 48 16.8	5.22		H	80.451 688 32	+41.804 663 44		5.08	13.42	−37.38	0.76	0.42	0.80	0.78	0.40	+6	+30	−6	+34	+17	−9	+15	+24	−1	+9	0	2.87
25049		05 21 48.70	−52 44 37.9	9.01		H	80.452 914 22	−52.743 871 53		1.16	9.44	7.24	0.72	1.00	0.88	0.79	1.05	+0	+18	−9	+2	−14	+10	−15	−23	−1	−7	0	1.56
25050		05 21 48.88	+32 30 43.4	9.81	3	H																							
25051		05 21 48.93	+23 17 00.8	10.04		H	80.453 875 86	+23.283 554 34		6.84	28.10	−15.24	1.67	1.02	1.86	1.92	1.06	+15	+18	−5	−2	+41	+23	+25	+49	−13	+36	0	1.07
25052		05 21 49.09	+51 29 12.5	7.76		H	80.454 552 96	+51.486 807 15		19.82	238.67	−230.55	0.86	0.61	1.00	1.02	0.62	−5	+27	−21	+13	−30	+7	−23	+23	+3	−4	0	1.22
25053		05 21 50.99	−13 45 20.5	6.62		H	80.462 462 81	−13.755 701 83		4.21	0.11	6.73	0.63	0.53	0.84	0.68	0.57	−22	+31	−22	+19	−28	−6	−34	+25	−23	−22	0	1.23
25054		05 21 51.38	+04 14 34.7	10.61		H	80.464 068 56	+04.242 978 54		3.64	−1.46	−3.24	2.11	1.27	2.62	2.27	1.40	+24	+46	+5	+28	+0	+12	−11	+50	−29	+18	2	−1.35
25055		05 21 53.50	−13 52 42.4	8.48		H	80.472 917 01	−13.878 439 52		4.09	0.03	−13.90	0.85	0.76	1.21	0.90	0.83	−19	+32	−33	+12	−29	+0	−35	+24	−24	−23	0	0.92
25056		05 21 54.53	+36 31 19.0	9.41		H	80.477 198 18	+36.521 930 78		1.72	0.55	−0.31	1.37	0.77	1.54	1.59	0.79	+13	+40	+0	+12	−3	+16	−6	+14	−11	+11	0	−0.54
25057		05 21 54.84	−18 50 20.6	10.04		G	80.478 511 59	−18.839 043 54		10.49	6.92	−38.03	1.12	1.04	1.66	1.59	1.23	+4	+7	−40	−35	−10	+3	+6	+24	−27	−31	0	−1.11
25058		05 21 55.18	−54 16 21.7	7.13		H	80.479 920 86	−54.272 701 22		7.25	7.64	40.99	0.53	0.61	0.60	0.55	0.75	−5	−3	+4	−2	−12	+6	−14	−12	+6	+0	0	1.24
25059		05 21 55.31	−17 36 13.1	6.47		H	80.480 442 00	−17.603 646 66		7.07	6.06	6.33	0.51	0.48	0.71	0.55	0.52	+11	+24	−14	−10	−22	−9	−19	+11	−6	−16	2	−0.08
25060	H	05 21 55.38	+39 34 22.9	7.31		G	80.480 732 11	+39.573 037 09	B	4.92	−0.57	−6.28	3.01	1.85	2.07	2.35	1.03	+30	+12	−9	+10	−5	+8	−4	+4	+1	−6	3	−0.37
25061		05 21 55.75	−32 29 39.6	10.26		G	80.482 272 64	−32.494 337 95		14.62	−15.46	141.08	0.97	1.27	1.50	1.10	1.79	−10	+19	−24	+0	+0	+17	+12	−28	+16	+14	0	−0.95
25062		05 21 56.27	−31 35 23.9	8.60		H	80.484 476 94	−31.589 984 38		1.11	1.20	6.36	0.69	0.90	0.99	0.85	1.29	+2	+11	+2	−21	+5	+5	+7	−24	−2	+13	0	0.36
25063		05 21 56.96	−28 08 38.7	9.30		H	80.487 313 58	−28.144 077 99	A	7.32	81.36	−97.40	1.44	1.77	1.91	1.39	1.98	+0	+9	−22	−9	−10	−2	−12	−7	−19	+15	2	1.55
25064		05 21 57.08	+42 17 09.6	6.98		H	80.487 819 66	+42.286 003 61		3.33	−5.87	−3.64	0.83	0.44	0.92	1.04	0.44	+4	+26	−2	+30	+8	−26	+2	+10	+8	−16	0	1.34
25065		05 21 57.26	+70 19 10.0	8.94		H	80.488 596 03	+70.319 437 69		−0.39	−2.25	−5.25	0.49	0.97	1.20	0.50	1.16	−16	+11	−14	−6	+11	+10	+18	−37	+10	−5	1	−0.62
25066		05 21 58.28	−02 57 49.4	7.06		H	80.492 848 25	−02.963 711 23		3.76	−0.04	4.66	0.71	0.50	0.88	0.91	0.58	−13	+24	−19	−4	−23	+13	−21	−5	−15	−16	2	2.08
25067		05 21 58.42	−38 29 19.1	8.00		H	80.493 423 59	−38.488 651 66		3.73	−5.72	26.65	0.56	0.67	0.73	0.65	0.92	−5	+8	−9	+10	−10	+11	−10	−19	+13	−6	0	0.11
25068		05 21 58.57	+22 57 13.7	8.86		H	80.494 056 38	+22.953 799 71		7.03	7.51	−8.99	1.33	0.79	1.47	1.48	0.83	+2	+39	−15	−1	+45	+8	+19	+49	−21	+34	0	1.66
25069		05 22 00.01	+52 12 43.6	8.37		H	80.500 047 19	+52.212 113 35		1.70	−7.96	−31.64	2.10	1.47	2.40	2.79	1.61	−21	+19	−15	+4	−11	+16	−10	+3	−13	−29	0	
25070		05 22 01.14	+22 10 07.8	10.53		H	80.504 734 39	+22.168 827 70		6.90	3.74	−45.21	2.04	1.32	2.33	2.64	1.38	+14	+17	−31	−2	+46	−18	+26	+52	−36	+31	0	−0.52
25071		05 22 03.81	+75 11 44.0	7.95		G	80.515 858 03	+75.195 554 74		8.95	29.62	−38.17	0.50	0.74	0.81	0.65	1.47	+1	+26	+16	−22	+8	−16	+12	−41	−4	+11	0	0.66
25072		05 22 05.54	+03 34 17.9	7.42		G	80.523 073 91	+03.571 634 15		4.03	10.96	−1.48	0.90	0.63	1.07	1.15	0.71	+32	+14	+6	+23	−8	+6	−4	+44	−14	+25	0	−1.50
25073		05 22 06.00	+07 05 22.7	7.73		G	80.524 996 33	+07.089 627 68		12.64	−37.72	2.10	1.07	0.64	1.19	1.12	0.70	+7	+52	−13	+15	+7	+1	−4	+49	−12	+35	0	1.27
25074		05 22 06.09	−12 07 37.5	8.62		H	80.525 356 02	−12.127 073 99		1.50	−1.47	−1.46	0.90	0.77	1.16	1.02	0.86	−23	+28	−13	+38	−30	−11	−35	+37	−20	−21	0	−0.22
25075		05 22 06.72	+39 30 45.5	8.60		G	80.527 994 81	+39.512 637 51		0.07	−1.09	−4.37	1.14	0.57	1.29	1.36	0.56	+6	+37	−11	+29	−6	+10	−5	+16	−6	+6	0	−0.46
25076		05 22 07.43	−50 06 32.1	8.50		H	80.530 947 85	−50.108 906 23		2.21	5.84	22.06	0.63	0.78	0.76	0.65	1.00	+0	+16	−6	−1	−5	+0	−5	−5	+1	+15	0	0.29
25077		05 22 08.15	+08 00 18.7	7.89		H	80.533 956 13	+08.005 180 86		5.76	7.35	−10.03	0.93	0.60	1.02	1.06	0.68	+28	+42	−4	+5	+19	−12	+10	+43	−16	+35	0	0.63
25078		05 22 09.24	+31 22 21.6	8.02		H	80.538 508 74	+31.372 675 83		8.55	5.22	32.27	0.96	0.65	1.05	1.09	0.68	+27	+18	−22	+13	+38	+4	+28	+48	−18	+46	0	−0.85
25079	H	05 22 09.42	−81 02 20.3	7.20		G	80.539 237 96	−81.038 973 03	A	3.89	−18.31	15.50	1.07	0.96	0.89	1.14	1.12	−18	+11	−6	−1	−2	+2	−2	+16	−10	−21	1	0.30
25080		05 22 09.58	−46 16 47.8	9.21		H	80.539 918 50	−46.279 945 40		8.17	6.25	16.31	0.86	0.85	0.95	1.05	1.24	−9	−7	−5	−26	+8	+20	+10	−24	+1	−15	0	0.53
25081	H	05 22 11.03	+45 04 54.0	7.52		H	80.545 952 55	+45.081 676 82	A	1.04	−0.78	−2.51	1.42	0.82	1.37	1.59	0.77	−7	+43	−3	+9	+13	−11	+13	+20	+6	−8	1	0.59
25082	H	05 22 11.18	+05 23 43.5	7.01		G	80.546 582 50	+05.395 428 09	A	18.46	49.12	−50.64	1.19	0.94	1.27	1.44	0.95	+22	+48	−17	+8	+17	−9	+0	+49	−24	+42	1	1.32
25083		05 22 11.34	+03 13 16.6	9.03		H	80.547 255 81	+03.221 274 15		2.22	3.45	−8.68	1.18	0.83	1.42	1.51	0.91	+21	+13	+2	+22	−9	+4	−5	+47	−14	+15	2	−0.94
25084		05 22 11.94	+36 11 57.8	7.68		H	80.549 743 67	+36.199 383 07		3.23	6.03	−28.35	0.88	0.57	0.97	1.06	0.61	+7	+25	−11	+17	+0	+12	+1	+27	+0	+18	0	0.64
25085		05 22 13.39	−32 18 21.4	10.45		H	80.555 785 30	−32.305 930 64		10.80	−117.63	−194.18	3.92	5.15	5.67	4.20	7.45	+3	+8	−10	−14	−2	+3	+0	−21	−1	+18	1	
25086		05 22 14.57	+19 50 03.2	8.58		G	80.560 714 45	+19.834 234 97		6.66	8.21	−6.62	1.16	0.67	1.29	1.34	0.72	+9	+51	−19	+1	+21	−17	+8	+47	−13	+20	0	2.54
25087		05 22 14.66	−16 00 50.4	9.12		H	80.561 064 45	−16.013 999 46		2.34	0.70	5.66	0.95	0.79	1.16	0.90	0.84	−9	+32	−3	+4	−34	−1	−35	+22	−14	−24	3	−0.26
25088		05 22 14.94	−09 05 16.2	9.41		H	80.562 267 52	−09.087 834 93		2.06	1.70	3.97	0.95	0.80	1.23	1.01	0.87	−13	+27	−11	+16	−30	+0	−33	−1	−10	−22	0	1.02
25089		05 22 16.83	+26 11 06.5	10.99	2	H	80.570 109 37	+26.185 129 52		3.42	6.66	−7.55	4.81	2.90	5.32	6.30	3.33	+2	+14	−17	−15	−3	+22	−7	+12	+7	+33	5	
25090		05 22 18.09	+33 47 54.3	8.71		H	80.575 387 00	+33.798 408 29	A	−4.01	1.65	−4.09	4.98	2.25	4.21	4.31	2.14	+8	+43	−15	−16	−18	+10	−16	+8	−4	+27	13	0.52
25091	H	05 22 18.52	−35 17 50.7	8.39		G	80.577 171 84	−35.297 403 37	A	8.29	−15.94	−13.13	0.92	1.22	1.16	0.86	1.33	−9	+15	−12	+15	−13	+13	−8	−9	+12	+5	0	−0.21
25092		05 22 18.62	−08 39 58.0	6.82	2	H	80.577 570 56	−08.666 107 17		1.32	48.18	−5.50	0.79	0.58	0.99	0.79	0.63	−30	+42	−23	+39	−34	+13	−39	+24	−23	−34	0	−1.07
25093		05 22 19.39	+33 48 00.4	9.69		H	80.580 792 80	+33.800 120 41	B	−5.21	−2.46	−5.24	23.17	13.49	12.57	15.00	7.27	+9	+46	−14	−16	−14	+14	−12	+9	−2	+28	13	0.52
25094		05 22 19.51	+59 16 43.0	7.09		H	80.581 275 14	+59.278 602 98		34.00	225.80	−284.36	0.61	0.52	0.86	0.77	0.61	+12	+14	−2	−10	+26	−19	+23	−16	−11	+37	0	−0.57
25095		05 22 20.85	−75 00 36.3	8.40		H	80.586 871 62	−75.010 073 13		8.21	−10.40	−20.68	0.65	0.58	0.66	0.68	0.70	−9	+18	−2	−18	−5	+15	−8	+15	−14	−12	1	0.24
25096		05 22 21.01	−14 23 49.9	9.49		G	80.587 549 75	−14.397 192 77		1.07	−8.29	−20.06	1.08	0.92	1.42	1.21	1.04	−9	+29	−19	+7	−23	−1	−28	+10	−21	−5	0	0.43
25097		05 22 21.07	−66 15 37.0	11.60		G	80.587 792 10	−66.260 278 71		2.27	−0.66	−0.06	1.59	1.84	1.84	1.35	2.34	+3	+27	+5	−42	+15	−11	+10	+22	+6	+19	3	1.25
25098		05 22 22.15	−56 08 04.0	6.10		G	80.592 299 56	−56.134 453 67		4.35	−5.02	21.84	0.44	0.52	0.51	0.47	0.58	−4	−3	+26	+13	−7	−9	−6	+13	+7	−4	0	−0.08
25099		05 22 24.30	+45 49 55.0	9.15		H	80.601 245 06	+45.831 935 97		0.96	0.83	−4.82	1.21	0.63	1.23	1.62	0.65	+0	+27	+8	+2	+14	−1	+13	+8	+11	−5	0	1.64
25100		05 22 25.31	−71 30 24.0	7.43		H	80.605 453 45	−71.506 668 03		6.36	−1.11	66.30	0.55	0.55	0.57	0.57	0.61	−13	+0	+1	+4	−14	+11	−13	+21	−8	−23	0	1.05

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
25001	5.733	0.004	5.666	0.004		0.060	0.005	T	0.07	0.00	L	5.6897	0.0008	0.006	75		5.68	5.70					1							S
25002	8.476	0.013	7.745	0.013		0.636	0.015	G	0.70	0.01	H	7.8181	0.0020	0.017	96		7.79	7.85					1							S
25003	8.279	0.010	7.945	0.011		0.327	0.017	G	0.38	0.02	H	7.9758	0.0011	0.011	116		7.96	8.00		C			1							S
25004			10.371	0.092		2.735	0.400	G	2.74	0.41	J	9.7214	0.0332	0.158	48		9.56	10.03	303.00	P 1 A			1 S							G P
25005	10.497	0.039	8.760	0.017		1.497	0.013	G	1.52	0.02	H	8.7070	0.0019	0.014	77		8.67	8.74					1							
25006	8.357	0.010	8.208	0.011		0.143	0.014	T	0.16	0.01	L	8.2271	0.0017	0.014	83		8.20	8.25		C			1							S
25007	5.832	0.006	6.046	0.004		−0.176	0.009	G	−0.13	0.03	C	6.0048	0.0031	0.034	118		5.96	6.06		U 2	05213−3421	I 1	1 X S							S
25008	8.119	0.010	6.769	0.006		1.160	0.015	G	1.12	0.01	H	6.7991	0.0010	0.009	76		6.79	6.82		C			1							S
25009	8.554	0.010	8.273	0.010		0.267	0.013	T	0.30	0.02	L	8.3144	0.0015	0.014	102		8.29	8.34		C			1							S
25010	7.864	0.009	7.549	0.009		0.300	0.010	G	0.34	0.01	H	7.5875	0.0016	0.013	97		7.56	7.61					1							S
25011	6.376	0.008	6.508	0.007		−0.089	0.015	G	−0.02	0.03	C	6.4813	0.0020	0.052	83		6.46	6.67		U 2 C			1							S
25012	9.404	0.028	9.353	0.036	B	0.052	0.043	T	0.06	0.03	L	9.3265	0.0315			B				D	05214+3323	I 2	1 C I A							
25013	10.060	0.040	9.675	0.043		0.376	0.050	T	0.44	0.06	L	9.6818	0.0030	0.017	64		9.65	9.70		C			1							G
25014	7.193	0.006	7.301	0.009		−0.089	0.002	G	−0.07	0.00	H	7.2867	0.0010	0.008	94		7.27	7.30		C			1							S
25015	8.812	0.019	8.815	0.025	A	0.040	0.015	G	0.06	0.01	H	8.8187	0.0221	0.081	62	A	8.75	9.02		D	05214+3323	I 2	1 C P A							
25016	9.616	0.028	9.182	0.028		0.424	0.032	T	0.49	0.03	L	9.1879	0.0024	0.017	61		9.16	9.21		C			1							
25017	7.932	0.007	6.778	0.005		0.991	0.007	T	0.97	0.01	L	6.8381	0.0013	0.009	99		6.82	6.85					1							S
25018	12.514	0.307	10.315	0.067	*	0.615	0.150	G	1.65	0.17	S *	10.2661	0.0058	0.033	59	*	10.20	10.31		R	05214+1549	H 1	2 C S B	AB	355	0.194	0.049	1.81	0.66	G
25019	11.032	0.052	9.549	0.024		1.249	0.045	T	1.21	0.04	L	9.6019	0.0022	0.021	109		9.57	9.64		C			1							
25020	8.876	0.013	8.441	0.013		0.424	0.015	T	0.49	0.02	L	8.4933	0.0013	0.013	103		8.47	8.51		C			1							S
25021	9.765	0.019	8.624	0.013		0.981	0.018	T	0.96	0.01	L	8.6989	0.0020	0.017	106		8.67	8.73					1							
25022	9.588	0.021	9.136	0.021		0.426	0.027	T	0.49	0.03	L	9.2042	0.0022	0.018	135		9.18	9.24		C			1							
25023	8.983	0.014	7.635	0.008		1.143	0.013	T	1.11	0.01	L	7.6802	0.0015	0.012	118		7.65	7.70					1							S
25024	10.861	0.052	9.388	0.025		1.241	0.045	T	1.20	0.04	L	9.4314	0.0025	0.018	92		9.40	9.47		C			1							
25025	7.012	0.005	7.088	0.007		−0.079	0.009	G	−0.06	0.01	H	7.0966	0.0012	0.008	104		7.08	7.11		C			1							S
25026	7.920	0.008	7.782	0.009		0.133	0.011	T	0.15	0.01	L	7.8179	0.0015	0.012	116		7.80	7.85					1							S
25027	9.581	0.021	9.511	0.027		0.177	0.015	G	0.19	0.02	H	9.5217	0.0027	0.019	88		9.49	9.55			05215+3518	I 1	1							G
25028	5.502	0.002	5.641	0.003		−0.125	0.015	G	−0.13	0.03	C	5.6294	0.0007	0.007	142		5.62	5.64		C	05215−0025	I 1	1							S
25029	9.275	0.013	8.586	0.011		0.636	0.014	T	0.70	0.01	L	8.6548	0.0022	0.019	123		8.63	8.69					1 G							
25030	10.003	0.029	9.400	0.025		0.562	0.034	T	0.64	0.03	L	9.4844	0.0019	0.015	76		9.45	9.51					1 S							G
25031	8.707	0.011	7.624	0.008		0.937	0.010	T	0.93	0.01	L	7.6737	0.0014	0.012	109		7.65	7.69		C			1							S
25032	9.720	0.023	9.313	0.024		0.398	0.028	T	0.46	0.03	L	9.3464	0.0023	0.020	81		9.32	9.38		C			1							
25033	10.109	0.041	9.274	0.032	*	0.751	0.039	T	0.79	0.03	L *	9.3756	0.0024	0.017	52	*	9.35	9.42		D	05216+1020	H 1	2 C A	AB	301	0.375	0.015	1.51	0.06	
25034	8.230	0.013	7.751	0.010		0.481	0.004	G	0.55	0.00	H	7.8104	0.0016	0.010	65		7.79	7.83		C			1							S
25035	8.801	0.014	7.829	0.010	*	0.943	0.015	G	0.93	0.01	H *	7.8693	0.0017	0.009	69	*	7.85	7.89		C	05217+1854	I 1	2 C S B	AC	57	0.130	0.023	1.06	0.74	S
25036	8.798	0.017	8.488	0.019	*	0.296	0.027	T	0.34	0.04	L *	8.5663	0.0019	0.014	97	*	8.54	8.59		R	05217−0203	I 1	2 C A	AB	11	3.522	0.003	0.43	0.01	S
25037	8.347	0.015	7.977	0.014		0.351	0.019	T	0.41	0.02	L	8.0319	0.0011	0.007	61		8.02	8.04			05217+1240	I 1	1							S
25038	11.187	0.055	10.327	0.041		0.714	0.015	G	0.76	0.01	H	10.4652	0.0040	0.034	119		10.40	10.54					1							G
25039	11.125	0.064	10.173	0.043	A	0.840	0.015	G	0.86	0.01	H	10.2581	0.0197	0.049	109	A	10.18	10.32		D	05217−6539	I 2	1 C P A							
25040											T	12.3794	0.1052			B				D	05217−6539	I 2	1 C I A							
25041	5.621	0.003	5.766	0.004		−0.114	0.029	G	−0.09	0.03	C	5.7445	0.0006	0.004	67		5.74	5.75		C			1							S
25042	10.469	0.033	8.651	0.014		1.544	0.030	T	1.62	0.10	O	8.5942	0.0022	0.015	93		8.57	8.62					1							
25043	8.902	0.013	8.614	0.014		0.287	0.015	G	0.33	0.02	H	8.6396	0.0020	0.014	106		8.62	8.67					1							
25044	4.500	0.002	4.686	0.002		−0.168	0.005	G	−0.17	0.02	A	4.6616	0.0006	0.005	137		4.65	4.67		M			1							S
25045	5.830	0.004	5.089	0.003	*	0.662	0.006	G	0.74	0.03	C *	5.1890	0.0005	0.006	190	*	5.18	5.20		D	05218−2446	I 1	2 C A	AB	94	3.450	0.002	1.20	0.01	S
25046	9.908	0.025	9.313	0.023	*	0.555	0.030	T	0.63	0.03	L *	9.5950	0.0020	0.022	181	*	9.55	9.64		D	05218+6454	I 1	2 C A	AB	315	5.641	0.007	0.89	0.03	
25047	9.975	0.036	9.494	0.036		0.453	0.046	T	0.52	0.05	L	9.4859	0.0027	0.020	62		9.46	9.52		C			1							
25048	5.037	0.003	5.187	0.003		−0.129	0.004	T	−0.12	0.01	L	5.1730	0.0008	0.006	85		5.16	5.18					1							S
25049	10.719	0.042	9.193	0.020		1.282	0.037	T	1.24	0.04	L	9.1689	0.0020	0.019	105		9.14	9.20		C	05218−5245	I 1	1 S							
25050						2.700	0.510	G	2.70	0.52	J	9.7879	0.0545	0.798	72		8.36	10.54	391.00	P 1 A	05218+3231	I 1	S							G Y
25051	10.824	0.055	10.168	0.049		0.609	0.062	T	0.68	0.06	L	10.1645	0.0039	0.022	68		10.13	10.20		C			1							G
25052	8.582	0.013	7.830	0.011		0.699	0.007	G	0.76	0.01	H	7.8967	0.0010	0.008	78		7.88	7.92					1							S
25053	6.516	0.004	6.604	0.006		−0.082	0.005	G	−0.06	0.01	H	6.6015	0.0013	0.010	81		6.59	6.62					1							S
25054	10.741	0.049	10.526	0.062		0.205	0.074	T	0.23	0.09	L	10.6706	0.0038	0.029	78		10.60	10.72					1							G
25055	9.833	0.031	8.623	0.019		1.035	0.028	T	1.01	0.02	L	8.6519	0.0016	0.012	85		8.63	8.67		C			1							
25056	10.435	0.039	9.509	0.029		0.819	0.036	T	0.84	0.03	L	9.5708	0.0031	0.023	85		9.53	9.61					1 S							G
25057	10.784	0.051	10.155	0.046		0.640	0.020	G	0.70	0.02	H	10.1838	0.0031	0.027	96		10.13	10.24		C			1							G
25058	7.289	0.006	7.140	0.007		0.135	0.009	T	0.15	0.01	L	7.1765	0.0012	0.009	71		7.16	7.19		C			1							S
25059	8.031	0.007	6.602	0.005		1.206	0.007	T	1.17	0.01	L	6.6397	0.0008	0.007	131		6.63	6.65					1							S
25060	7.919	0.010	7.398	0.009	*	0.480	0.015	G	0.55	0.02	H *	7.4183	0.0015	0.011	99	*	7.40	7.43		D	05219+3934	M 1	2 C A	BA	322	0.362	0.003	0.23	0.02	S
25061	11.214	0.056	10.361	0.041		0.796	0.004	G	0.84	0.00	H	10.4037	0.0031	0.029	126		10.34	10.46					1							G
25062	10.266	0.026	8.761	0.014		1.266	0.023	T	1.22	0.02	L	8.7566	0.0022	0.020	129		8.73	8.79					1							
25063	9.828	0.017	9.332	0.017	A	0.478	0.018	T	0.55	0.02	L	9.4087	0.0099	0.029	143	A	9.37	9.47			05220−2809	H 1	2 C A	AB	142	10.741	0.025	2.49	0.10	
25064	8.323	0.010	7.093	0.009		1.050	0.011	T	1.02	0.01	L	7.1505	0.0010	0.007	88		7.14	7.17		C			1							S
25065	10.282	0.018	9.049	0.011		1.053	0.016	T	1.02	0.01	L	9.1081	0.0015	0.025	263		9.07	9.15					1							
25066	7.008	0.005	7.051	0.006		−0.036	0.007	T	−0.01	0.01	L	7.0540	0.0013	0.008	76		7.04	7.07		C			1							S
25067	9.508	0.015	8.127	0.009		1.163	0.020	G	1.11	0.02	A	8.1670	0.0013	0.010	119		8.14	8.18					1							S
25068	10.666	0.043	9.055	0.020		1.349	0.037	T	1.31	0.04	L	9.0165	0.0026	0.016	67		8.98	9.04					1							
25069	8.793	0.014	8.405	0.015		0.367	0.019	T	0.43	0.02	L	8.4554	0.0021	0.015	76		8.43	8.50		C	05220+5213	I 1	1 X S							
25070	11.342	0.105	10.595	0.084		0.668	0.102	T	0.73	0.08	L	10.6676	0.0060	0.030	57		10.62	10.72		C			1							G
25071	8.572	0.008	8.026	0.007		0.512	0.010	T	0.58	0.01	L	8.0754	0.0010	0.011	167		8.05	8.10					1 G							S
25072	9.595	0.022	7.609	0.009		1.620	0.015	G	1.91	0.05	F	7.4868	0.0020	0.011	90		7.47	7.51					1							S
25073	8.225	0.013	7.769	0.012		0.438	0.015	G	0.51	0.02	H	7.8345	0.0015	0.008	60		7.82	7.84		C			1							S
25074	9.966	0.026	8.746	0.016		1.043	0.024	T	1.01	0.02	L	8.7922	0.0019	0.015	95		8.77	8.84		C			1							
25075	8.539	0.011	8.573	0.015		0.058	0.015	G	0.07	0.01	H	8.6048	0.0018	0.021	99		8.57	8.63					1							
25076	10.119	0.028	8.615	0.014		1.265	0.025	T	1.22	0.03	L	8.6643	0.0013	0.014	99		8.64	8.70					1							
25077	8.134	0.012	7.938	0.014		0.187	0.017	T	0.21	0.02	L	7.9561	0.0028	0.014	66		7.93	7.97					1							S
25078	8.626	0.015	8.089	0.014		0.529	0.015	G	0.60	0.02	H	8.1404	0.0012	0.013	78		8.12	8.16					1							
25079	7.563	0.007	7.256	0.007	*	0.279	0.003	G	0.32	0.00	H *	7.2685	0.0010	0.009	128	*	7.25	7.29		D	05222−8102	I 1	2 C A	AB	119	0.622	0.002	0.45	0.01	S
25080	9.892	0.025	9.301	0.023		0.552	0.025	T	0.62	0.02	L	9.3304	0.0024	0.021	91		9.29	9.36		C			1							
25081	7.567	0.015	7.630	0.015	A	0.000	0.495	G	−0.03	0.06	L *	7.5081	0.0010	0.010	81	*	7.49	7.54		D	05222+4505	I 1	2 C A	AB	141	1.519	0.006	1.63	0.03	S
25082	7.532	0.010	6.984	0.007	*	0.516	0.015	G	0.59	0.02	H *	7.0634	0.0017	0.010	69	*	7.05	7.08			05222+0524	I 1	2 C A	AB	40	9.473	0.024	3.43	0.11	S
25083	9.431	0.023	9.102	0.025		0.312	0.032	T	0.36	0.04	L	9.1105	0.0027	0.019	94		9.08	9.14					1							
25084	9.665	0.020	7.827	0.009		1.529	0.017	T	1.57	0.04	L	7.8021	0.0019	0.011	83		7.78	7.82		C			1							
25085	11.282	0.068	10.551	0.055		0.733	0.004	G	0.78	0.00	H	10.5891	0.0043	0.032	131		10.54	10.66		C			1 X S							G
25086	8.951	0.015	8.581	0.016		0.342	0.015	G	0.40	0.02	H	8.6704	0.0024	0.014	60		8.65	8.69					1							
25087	9.133	0.013	9.106	0.016		0.025	0.018	T	0.04	0.01	L	9.1382	0.0020	0.017	97		9.10	9.19		C			1							
25088	9.467	0.021	9.434	0.028		0.035	0.032	T	0.05	0.03	L	9.4331	0.0024	0.015	73		9.41	9.46		C			1							
25089											T	11.0792	0.0125	0.083	67		10.92	11.20		U 2			1 X S							G
25090	8.718	0.018	8.658	0.022	A	0.060	0.026	T	0.07	0.02	L	8.7358	0.0283	0.107	66	A	8.55	8.85		D	05223+3348	I 2	1 C P A							
25091	8.911	0.010	8.495	0.011	*	0.430	0.015	G	0.50	0.02	H *	8.5089	0.0017	0.016	125	*	8.48	8.54		D	05223−3518	H 1	2 C A	AB	287	0.640	0.011	2.77	0.06	S
25092	9.144	0.017	7.061	0.007		1.800	0.015	G	2.20	0.05	F	6.8824	0.0115	0.077	71		6.78	6.99		U 2			1 S							S P
25093	9.741	0.032	9.663	0.045	B	0.077	0.051	T	0.09	0.06	L	10.0467	0.0631			B				D	05223+3348	I 2	1 C I A							
25094	8.022	0.007	7.167	0.006		0.750	0.015	G	0.79	0.01	H	7.2285	0.0011	0.010	140		7.21	7.25					1							S
25095	8.715	0.011	8.435	0.012		0.264	0.017	T	0.30	0.02	L	8.4756	0.0016	0.012	107		8.45	8.50					1							S
25096	10.777	0.060	9.620	0.035		0.965	0.013	G	0.95	0.01	H	9.6535	0.0029	0.024	88		9.61	9.70					1							
25097						0.055	0.011	G	0.07	0.01	H	11.6464	0.0080	0.061	103		11.46	11.73					1							D
25098	5.976	0.003	6.077	0.003		−0.091	0.003	G	−0.07	0.00	H	6.0731	0.0006	0.007	103		6.06	6.09		C			1							S
25099	9.329	0.022	9.156	0.026		0.166	0.032	T	0.18	0.03	L	9.2037	0.0020	0.013	73		9.18	9.23		C			1							
25100	7.666	0.007	7.446	0.008		0.192	0.006	G	0.22	0.02	A	7.4884	0.0013	0.012	105		7.47	7.51		C			1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ α* (19)	π α* (20)	π δ (21)	μα* α* (22)	μα* δ (23)	μα* π (24)	μδ α* (25)	μδ δ (26)	μδ π (27)	μδ μα* (28)	Soln F1 % (29)	F2 (30)
25101		05 22 25.56	−29 43 16.0	11.55		H	80.606 503 81	−29.721 098 03		10.04	−13.41	20.00	1.72	2.35	2.73	1.89	3.08	−24	+9	−23	−6	−3	+12	+1	−12	+11	−16	2	−0.57
25102	H	05 22 28.12	+56 33 29.7	9.58		H	80.617 180 18	+56.558 261 19	A	−0.41	−0.66	1.73	2.06	1.86	2.35	2.52	2.28	+39	+12	−11	+8	+6	−12	+8	+4	+11	+41	0	1.09
25103		05 22 29.30	+33 30 50.5	9.04		H	80.622 095 42	+33.514 016 31		−0.26	−1.30	0.21	1.40	0.84	1.53	1.80	0.94	+10	+37	−16	−6	−30	+11	−18	−7	+13	+30	0	0.78
∗25104		05 22 31.66	−29 43 17.1	9.99		H	80.631 928 83	−29.721 408 99		3.47	−8.94	0.82	1.14	1.57	1.80	1.33	1.96	−23	+26	−30	−1	−8	+19	+2	−23	+15	−10	0	1.12
∗25105		05 22 31.62	−29 43 35.6	10.93		H																							
∗25106		05 22 31.59	+02 59 00.0	7.79		H	80.631 643 17	+02.983 328 83		3.07	3.23	−7.44	0.90	0.63	1.07	1.15	0.71	+22	+16	+0	+27	−4	+1	−3	+49	−17	+22	4	1.00
25107		05 22 32.33	−73 48 05.3	6.86		H	80.634 727 51	−73.801 466 04		2.81	−13.98	13.96	0.55	0.47	0.52	0.56	0.60	+1	+5	−5	−34	−5	+9	−6	+15	−17	−1	0	0.42
25108		05 22 32.63	−25 35 00.9	8.45	1	G	80.635 952 19	−25.583 594 25		6.31	8.38	−6.84	0.50	0.68	0.90	0.59	0.87	−11	+10	−18	−12	−12	+6	−10	+0	+9	−17	0	0.52
25109		05 22 33.51	+59 27 54.3	9.35		H	80.639 616 51	+59.465 087 64		2.18	−2.68	−6.63	0.88	0.83	1.17	1.10	0.90	+6	+8	+20	−23	+18	−6	+17	−48	−14	+18	0	0.21
25110		05 22 33.78	+79 13 50.7	5.08		H	80.640 738 69	+79.230 757 01		47.66	−78.60	161.13	0.37	0.45	0.52	0.38	0.50	+0	+31	−8	+22	+3	+13	+11	−21	+2	+21	2	0.35
25111		05 22 34.48	+16 48 14.2	8.29		H	80.643 680 14	+16.803 957 03		3.02	1.74	−1.27	1.03	0.67	1.10	1.21	0.74	+25	+39	−7	+17	+30	−2	+20	+58	−7	+39	0	1.08
25112		05 22 34.79	+28 06 06.7	9.56		H	80.644 973 06	+28.101 847 77		7.74	18.86	−22.10	1.48	0.82	1.76	1.65	0.88	+7	+42	−10	+2	+7	+25	−3	+36	−14	+23	0	1.78
25113		05 22 35.15	+14 05 48.8	10.93		H	80.646 463 99	+14.096 876 41		−0.28	18.74	−1.19	1.96	1.32	2.08	2.39	1.52	+24	+30	−7	+11	+22	−5	+14	+43	−9	+39	0	0.34
25114		05 22 35.23	+37 40 33.7	7.40	2	H	80.646 793 94	+37.676 020 78		0.39	0.02	−5.21	0.82	0.47	0.89	1.07	0.49	+18	+23	−10	+6	−3	+0	−1	+16	+5	+26	0	0.81
25115		05 22 35.29	−19 52 42.3	7.92		H	80.647 024 25	−19.878 420 09		3.27	1.28	3.17	0.67	0.64	0.98	0.81	0.79	−27	+33	−14	−1	−4	+1	−16	+34	−17	+1	1	0.34
25116		05 22 35.40	−07 35 38.9	9.00		H	80.647 514 02	−07.594 148 37		0.49	−3.31	−4.53	1.00	0.82	1.24	1.15	0.96	+3	+22	+5	+32	−25	−10	−25	+15	−7	+4	2	0.68
25117		05 22 36.35	−19 51 17.9	8.73		H	80.651 444 51	−19.854 976 80		3.98	1.75	5.57	0.76	0.80	1.13	0.97	1.00	−22	+34	−18	−12	+4	+1	−9	+35	−8	+7	0	−2.04
25118		05 22 36.55	−20 02 26.8	9.78		G	80.652 278 95	−20.040 786 36		2.33	2.88	6.03	0.98	1.03	1.48	1.17	1.22	−11	+16	−11	−8	−2	+0	−5	+29	−13	−9	0	−1.70
25119	H	05 22 37.46	+02 36 12.7	7.76		H	80.656 076 65	+02.603 529 40	A	50.24	54.20	−139.41	1.53	1.10	1.52	1.44	0.94	+24	+36	−2	+15	−6	+13	−9	+32	−19	+16	2	−0.25
25120		05 22 38.24	−62 53 45.2	7.92		H	80.659 340 24	−62.895 896 16		3.49	−6.41	−23.94	0.60	0.65	0.64	0.68	0.84	−13	+1	+4	−11	+2	−2	+2	−6	−5	−18	0	0.33
25121		05 22 38.82	−01 02 33.9	9.01		H	80.661 732 36	−01.042 744 81		4.16	−2.07	−4.08	1.21	0.80	1.47	1.44	0.85	+17	+18	−14	−39	−37	+23	−33	−34	−21	+5	0	0.33
25122		05 22 39.27	−45 24 40.1	8.35		H	80.663 642 29	−45.411 138 43		3.02	12.00	14.56	0.67	0.71	0.75	0.91	0.97	−2	+14	−6	+9	−21	+1	−25	−17	−5	−14	0	−0.09
25123		05 22 39.72	+09 13 45.4	8.56		H	80.665 500 07	+09.229 281 68		4.53	−5.55	4.05	1.08	0.70	1.21	1.28	0.82	+19	+19	−4	−10	+27	+12	+13	+40	−14	+39	0	−0.59
25124		05 22 39.98	−31 44 21.1	9.15		G	80.666 569 26	−31.739 186 72		6.56	2.92	38.50	0.81	1.02	1.17	0.98	1.46	−6	+12	−4	−18	+9	+11	+11	−20	+1	+10	0	−1.34
25125		05 22 41.30	−23 15 32.4	7.56		H	80.672 088 04	−23.259 013 00		5.74	23.12	2.60	0.50	0.61	0.92	0.65	0.83	+0	+6	−18	−53	−20	+0	−26	+1	+1	+11	0	−1.05
25126		05 22 42.05	+53 01 45.4	8.81		H	80.675 190 55	+53.029 266 58		3.75	33.85	−30.59	0.96	0.70	1.18	0.99	0.70	−17	+17	−11	+26	−6	−4	−7	+10	−26	+3	2	3.25
25127		05 22 42.71	+13 13 45.1	9.15		H	80.677 966 62	+13.229 192 31		20.54	15.31	−45.45	1.17	0.81	1.22	1.55	0.93	+16	+24	−12	+27	+24	−17	+18	+56	−5	+22	0	−0.14
25128	H	05 22 43.11	+00 08 21.3	8.34		H	80.679 642 94	+00.139 241 91	A	2.55	1.77	0.93	1.75	1.16	1.75	1.61	0.99	−37	+17	−7	+17	−32	+6	−21	−1	−7	−14	3	−0.54
25129		05 22 43.44	−31 42 44.7	9.99		G	80.681 020 39	−31.712 412 22		1.46	7.31	16.35	1.09	1.36	1.55	1.30	1.93	−5	+12	−7	−21	+8	+6	+9	−18	−2	+10	3	−0.95
25130		05 22 43.52	−76 36 52.5	8.36	2	H	80.681 332 96	−76.614 578 89		3.30	−15.22	9.93	0.67	0.47	0.67	0.69	0.68	−23	+35	−7	−28	−3	−8	−8	−18	−3	−20	5	−0.34
25131		05 22 44.12	−10 33 58.8	8.71		H	80.683 850 95	−10.566 327 20		3.18	−2.55	−7.65	0.94	0.76	1.24	1.00	0.83	−17	+17	+0	+16	−34	−4	−37	+11	−18	−26	2	−1.06
25132		05 22 44.25	−10 28 50.4	9.18		H	80.684 376 30	−10.480 652 79		4.00	−8.73	−1.30	0.96	0.81	1.29	1.06	0.88	−14	+13	+5	+12	−32	−5	−32	+10	−18	−23	0	−0.35
25133		05 22 44.87	−72 20 19.5	7.52		G	80.686 941 79	−72.338 755 75		5.25	−2.28	60.22	0.50	0.48	0.52	0.52	0.57	−9	+17	+0	+3	−8	+11	−9	+15	−9	−20	0	1.84
25134		05 22 45.46	+19 00 41.7	7.59		H	80.689 434 61	+19.011 586 28		3.83	5.05	−9.01	0.98	0.64	1.08	1.28	0.69	+6	+35	−19	+18	+19	−16	+9	+62	−15	+15	2	2.57
25135		05 22 45.55	+00 12 34.0	8.77		G	80.689 781 21	+00.209 458 12		3.21	14.38	−24.58	0.96	0.62	1.19	1.03	0.64	−4	+38	−1	−1	−36	−1	−37	−21	−14	−16	0	−0.70
25136		05 22 45.73	+02 47 46.8	6.71		H	80.690 530 92	+02.796 329 51		7.65	3.63	−47.06	0.78	0.57	0.93	0.99	0.66	+29	+16	−9	+28	+5	+3	+4	+53	−23	+32	2	1.05
25137		05 22 45.98	+47 54 50.6	9.23		G	80.691 580 09	+47.914 053 89		16.14	−178.45	−153.78	1.12	0.65	1.29	1.43	0.64	+18	+20	+3	+6	−13	−16	−11	−7	+4	+3	0	1.61
25138	H	05 22 46.96	+66 12 35.6	8.22		H	80.695 656 34	+66.209 894 84	A	4.25	−3.28	29.03	0.79	0.83	1.16	0.81	0.93	−22	+25	+10	+5	+12	−10	+11	+18	+4	−18	1	−0.38
25139		05 22 47.36	+03 49 29.7	9.09		H	80.697 347 41	+03.824 904 04		6.22	8.66	−32.95	1.41	0.85	1.71	1.73	0.95	+15	+32	−4	+17	−13	+13	−16	+45	−28	+11	2	−1.32
25140		05 22 48.98	−59 38 04.8	8.24		G	80.704 063 69	−59.634 677 62		6.32	−35.93	6.20	0.68	0.65	0.69	0.76	0.87	+7	−12	−13	−2	−21	+15	−23	+5	+3	+11	0	0.45
25141		05 22 49.35	+28 44 49.0	8.92		H	80.705 615 51	+28.746 953 74		9.40	40.75	−73.53	1.33	0.72	1.48	1.73	0.83	+12	+33	−14	−18	+10	+23	+25	+27	+2	+8	0	1.48
25142		05 22 50.00	+03 32 40.0	4.99		G	80.708 338 80	+03.544 448 09		3.39	−2.00	1.80	0.77	0.55	0.87	0.93	0.60	+28	+18	+1	+42	+7	−2	+7	+63	−18	+27	2	1.18
25143		05 22 50.32	+41 01 45.3	5.54		H	80.709 685 45	+41.029 253 26		10.87	−12.49	2.94	0.73	0.39	0.79	0.77	0.38	+0	+37	−6	+17	+7	+5	+9	−5	+4	+11	2	2.86
25144		05 22 50.39	+67 33 37.8	8.62		H	80.709 948 73	+67.560 499 43		3.68	10.15	−10.35	0.59	0.79	1.13	0.81	0.99	+17	+24	+10	+26	+25	+20	+23	+20	+7	+11	0	−1.19
25145		05 22 51.03	+03 33 08.0	7.17		G	80.712 643 15	+03.552 220 37		3.34	2.24	−0.65	0.95	0.65	1.12	1.15	0.71	+21	+19	+4	+33	−4	+3	−3	+56	−17	+19	3	−0.05
25146		05 22 51.19	−71 43 04.3	11.58		G	80.713 297 23	−71.717 856 64		−1.97	2.36	−4.17	1.53	1.67	1.66	1.55	1.85	−3	+10	+5	+2	−12	+8	−13	+23	−12	−11	0	0.53
25147		05 22 52.67	−08 05 14.0	8.56		H	80.719 451 80	−08.087 220 42		5.69	−3.91	−8.23	0.87	0.72	1.13	0.95	0.79	+9	+29	−3	+15	−30	−4	−33	+1	−12	−3	0	−0.11
25148		05 22 53.65	−42 19 15.5	8.70		G	80.723 524 12	−42.320 972 90		14.80	−45.55	201.00	0.69	0.77	0.80	0.68	0.92	−17	+15	−10	−26	+8	−1	+8	−36	+15	−22	3	−0.70
25149		05 22 53.80	−56 48 59.1	7.72		H	80.724 177 04	−56.816 408 48		1.01	14.55	26.79	0.57	0.60	0.63	0.70	0.80	−9	−2	+14	+14	+3	−6	+4	+1	−13	−15	0	−0.15
25150		05 22 55.17	+61 45 05.6	7.52		H	80.729 885 95	+61.751 542 45		4.82	−7.88	−7.19	0.57	0.58	0.87	0.62	0.60	+7	+20	−4	−13	+2	−17	+0	−20	−6	+11	3	1.05
25151	H	05 22 56.87	+14 21 40.1	7.66		G	80.736 942 78	+14.361 147 01	A	2.89	−2.19	−17.28	1.26	0.84	1.22	1.35	0.89	+0	+48	−25	+17	+26	+3	+18	+45	−9	+32	0	−0.60
25152		05 22 57.80	−02 08 58.8	9.13		H	80.740 830 29	−02.149 679 86		2.28	1.08	−1.32	1.07	0.79	1.36	1.39	0.87	+17	+4	−21	−26	−40	+24	−34	−22	−8	+15	0	0.89
25153		05 22 58.24	−06 43 03.2	8.86		H	80.742 652 05	−06.717 555 98		4.94	−0.43	−7.92	0.99	0.76	1.27	1.11	0.88	+7	+36	−8	+15	−19	+16	−19	+1	−8	+10	0	1.18
25154		05 22 59.56	+18 53 55.1	9.26		H	80.748 176 54	+18.898 641 32		3.51	−3.18	−5.68	1.41	0.80	1.56	1.67	0.86	+10	+53	−10	−4	+19	−19	+9	+52	−11	+15	7	0.25
25155		05 22 59.61	+11 25 03.1	8.95		H	80.748 372 97	+11.417 523 61		1.40	0.25	−6.63	1.41	0.77	1.49	1.47	0.88	+14	+53	−10	−23	+7	−14	−10	+29	−12	+43	0	0.01
25156		05 22 59.86	+69 24 04.7	8.44	1	G	80.749 400 94	+69.401 312 31		4.38	3.42	−18.62	0.53	0.76	1.09	0.64	0.99	−17	−4	+2	−25	+7	+18	+6	−10	−13	−14	0	−0.39
25157		05 23 00.17	+29 43 44.6	8.02		G	80.750 698 91	+29.729 066 80		6.89	6.14	−28.64	0.93	0.61	1.04	1.14	0.66	+10	+30	−23	+15	+17	+6	+9	+50	−6	+39	0	1.38
25158		05 23 00.30	+29 05 27.5	7.95		H	80.751 240 96	+29.090 977 11		1.48	4.12	−11.33	1.00	0.65	1.17	1.24	0.70	+10	+21	−23	−5	+24	+20	+15	+42	−15	+30	0	1.49
25159		05 23 00.78	+27 02 56.5	11.50		H	80.753 256 88	+27.049 033 93		1.47	5.41	−6.36	2.81	1.70	3.00	3.93	1.91	−7	+30	−9	+8	−8	+1	−8	+42	+1	+4	0	0.17
25160		05 23 01.41	+28 28 08.3	7.56		H	80.755 893 02	+28.468 958 50		5.33	2.51	−34.25	1.00	0.59	1.24	1.22	0.63	+13	+26	−13	+1	+16	+36	+10	+34	−15	+26	3	4.02
∗25161		05 23 01.82	−27 24 10.1	9.00		H	80.757 567 43	−27.402 818 55		0.89	21.52	−34.42	0.69	1.18	1.35	0.82	1.51	+5	+4	−38	−8	−5	+1	−6	+1	−4	+16	0	1.47
∗25162		05 23 01.75	+77 21 46.6	9.60		H	80.757 300 87	+77.362 932 31		0.45	−7.30	−21.17	0.74	1.08	1.19	0.82	1.35	−8	+12	+7	+4	+0	−7	+3	−16	+10	−4	0	0.26
25163		05 23 01.93	+01 41 48.9	8.16		G	80.758 061 40	+01.696 929 36		1.90	−2.33	−0.72	1.15	0.63	1.47	1.33	0.68	−25	+41	−17	+20	−40	+27	−42	+17	−34	−35	2	−0.95
25164		05 23 01.96	+00 26 20.7	8.34		G	80.758 163 17	+00.439 081 00		4.57	−2.05	−5.75	0.83	0.55	1.04	0.94	0.57	+6	+35	+7	−5	−39	−2	−40	−20	−17	−9	1	−0.84
25165		05 23 02.51	+72 17 18.7	8.88		H	80.760 479 10	+72.288 529 54		2.39	6.87	−16.87	0.58	0.90	1.12	0.63	1.15	−13	+10	−12	+16	+7	+2	+8	−16	+15	−19	0	−1.62
25166		05 23 03.11	+46 59 13.2	8.15		H	80.762 949 57	+46.986 988 51		24.12	12.74	−84.71	1.06	0.59	1.17	1.25	0.57	+14	+43	+19	−12	−1	+3	+0	−5	+0	−5	0	0.35
25167		05 23 03.44	−04 15 50.9	10.18		H	80.764 316 19	−04.264 131 99		5.11	1.46	4.42	1.36	0.96	1.73	1.49	1.10	−4	+45	−11	−5	−28	−11	−31	−17	−15	+5	0	0.40
25168		05 23 03.78	+39 17 50.0	8.69		H	80.765 755 81	+39.297 209 75		8.64	32.74	−22.35	1.27	0.61	1.45	1.43	0.61	+12	+50	+0	+19	−4	+10	−5	+9	−6	+8	0	−1.41
25169		05 23 04.01	+31 09 43.7	9.79		G	80.766 701 34	+31.162 130 05	B	0.12	11.18	−2.45	6.61	3.92	4.23	5.08	2.78	+3	+17	+4	−2	+16	+13	+8	+13	−21	+10	1	0.76
25170		05 23 04.03	−05 19 10.2	9.66		H	80.766 803 05	−05.319 489 35		1.46	1.74	4.99	1.25	0.96	1.65	1.32	1.11	−1	+43	−12	+1	−6	−18	−13	−4	−15	+7	6	−0.80
25171	H	05 23 04.23	−08 06 20.0	7.56		H	80.767 616 22	−08.105 546 99	A	2.52	−2.02	6.12	1.23	0.93	1.32	1.22	0.93	+12	+21	−2	+4	−27	+6	−26	−5	−18	−12	3	0.65
25172		05 23 04.36	−51 19 00.6	7.69		H	80.768 183 83	−51.316 822 40		7.35	0.43	−9.90	0.53	0.63	0.62	0.61	0.79	−16	−8	+20	+17	−22	−15	−15	−8	−8	−0	0	−0.19
25173		05 23 04.88	−02 55 59.3	7.95		H	80.770 349 77	−02.933 137 01		4.39	−23.51	3.38	0.91	0.65	1.13	1.01	0.72	+2	+34	−5	−8	−28	+16	−30	−25	−16	−3	0	1.83
25174	H	05 23 05.54	+01 03 24.9	7.08	1	H	80.773 073 91	+01.056 926 56	A	4.35	2.81	−7.11	2.22	1.31	2.12	2.55	1.25	−22	+29	+7	+4	−31	+5	−31	−7	−23	−37	6	0.90
25175		05 23 05.71	+31 09 30.7	9.05		G	80.773 799 78	+31.158 539 94	A	0.48	6.16	−3.08	2.60	1.77	2.23	2.68	1.78	+22	+7	−14	+11	+36	+2	+27	+47	−34	+33	1	0.76
25176		05 23 07.83	−31 41 31.6	9.66		G	80.782 613 22	−31.692 101 13		12.02	5.58	49.75	0.93	1.09	1.31	1.14	1.55	+2	+5	−5	−23	+4	+10	+5	−17	+0	+9	0	3.01
25177		05 23 07.87	−17 13 26.1	8.26		H	80.782 805 74	−17.223 916 05		5.06	−11.60	0.19	0.58	0.59	0.91	0.72	0.68	+14	+17	−5	−9	−24	−13	−16	+14	+7	−20	0	−0.19
25178		05 23 10.07	+35 42 32.3	8.72	2	H	80.791 938 80	+35.708 970 80		0.35	1.48	−2.58	1.04	0.61	1.11	1.15	0.62	−19	+38	−23	+37	−6	+4	−6	+39	−2	−7	0	−0.11
25179		05 23 10.15	+01 08 22.7	7.99		G	80.792 281 01	+01.139 625 42		3.93	−2.69	−3.23	0.84	0.51	1.01	0.97	0.55	−18	+36	−1	+10	−29	+2	−30	−1	−16	−31	0	0.17
25180		05 23 11.98	−26 42 19.8	6.49		H	80.799 918 36	−26.705 489 11		19.08	21.51	22.95	0.39	0.53	0.74	0.49	0.70	−7	+9	−16	−14	−3	+19	+2	−7	+9	−13	1	−0.91
25181		05 23 12.07	+07 03 22.6	8.39		H	80.800 295 61	+07.056 285 86		4.65	−1.14	−0.80	1.10	0.71	1.20	1.35	0.76	+26	+34	−11	−3	+23	+3	+15	+52	−15	+31	0	−0.87
25182		05 23 12.13	−62 13 51.7	8.08		H	80.800 523 76	−62.231 022 38		2.30	−1.18	−11.70	0.65	0.67	0.75	0.64	0.70	+6	+29	−9	−33	+2	−13	+3	−26	+11	+22	1	0.42
25183		05 23 12.38	−31 44 54.9	7.53	1	G	80.801 571 45	−31.748 575 25		14.96	−89.59	−76.72	0.82	0.91	1.14	1.01	1.33	−1	+11	−13	−18	+0	+8	+1	−9	+8	+11	0	
25184		05 23 12.61	+47 01 17.9	6.81	1	H	80.802 558 35	+47.021 644 47		2.91	14.93	−10.86	0.90	0.50	0.99	1.04	0.49	+13	+37	+21	+6	+3	+6	+2	+8	+3	−3	0	1.15
25185		05 23 15.04	+07 41 06.2	8.88		H	80.812 672 05	+07.685 055 76		4.93	5.17	−7.95	1.13	0.72	1.22	1.31	0.76	+22	+36	−8	+8	+13	−6	+9	+48	−7	+26	0	−0.08
25186		05 23 15.51	−36 22 18.9	8.42		H	80.814 620 68	−36.371 907 64		1.70	5.05	7.21	0.63	0.78	0.87	0.72	1.01	−16	+10	−7	+3	−12	+5	−12	−24	+21	−21	0	1.59
25187	H	05 23 18.51	−08 24 56.1	5.99		G	80.827 130 53	−08.415 588 11	A	6.61	−1.73	−2.91	0.89	0.69	0.95	0.88	0.70	−17	+29	−15	+8	−21	+3	−31	+4	−25	−15	3	0.81
25188		05 23 18.84	−14 49 59.1	7.72		H	80.828 513 14	−14.833 073 77		2.82	−3.83	−10.82	0.75	0.69	1.00	0.76	0.76	−10	+27	−23	+5	−31	−4	−35	+26	−18	−13	0	0.19
25189		05 23 19.96	+54 48 02.2	9.44		H	80.833 173 17	+54.800 623 86		29.37	75.17	−396.80	1.06	0.87	1.46	1.37	1.06	+25	+18	+15	−3	−3	−21	+5	+6	+23	−2	0	1.79
25190	H	05 23 21.05	−36 40 15.5	8.41		H	80.837 696 06	−36.670 979 94	A	18.83	−2.30	194.80	2.09	2.12	2.17	1.77	2.38	−6	−9	+15	−2	−17	−11	−21	−10	+19	−12	1	1.56
25191		05 23 21.54	−02 16 38.6	8.99		H	80.839 770 21	−02.277 383 54		18.21	33.91	−96.88	1.09	0.85	1.44	1.35	0.94	+15	+11	−17	−15	−34	+26	−30	−29	−1	+11	0	1.47
25192		05 23 22.86	+28 56 12.6	6.45		H	80.845 257 67	+28.936 838 99		5.50	14.50	−31.92	0.83	0.52	0.95	1.02	0.56	+19	+27	−9	+7	+31	+23	+20	+50	−8	+38	0	1.09
25193		05 23 22.94	−01 26 27.4	8.33		H	80.845 563 62	−01.440 936 13		1.24	0.96	0.47	0.91	0.63	1.16	1.20	0.69	+14	+3	−24	−37	−34	+30	−26	−24	−15	+6	0	0.07
25194		05 23 24.00	−39 40 42.4	5.73	2	H	80.850 019 02	−39.678 435 59		5.81	26.66	5.04	0.42	0.50	0.54	0.47	0.62	+4	+2	−15	+6	−13	+10	−15	−29	+15	−2	1	0.27
25195		05 23 26.53	+16 58 54.7	8.11		G	80.860 546 81	+16.981 861 24		19.97	6.43	−152.28	1.16	0.69	1.30	1.23	0.75	+11	+51	−22	+6	+32	−4	+14	+56	−12	+41	0	2.30
25196		05 23 26.76	−49 22 29.8	7.85		H	80.861 493 04	−49.374 935 27		3.25	9.45	−2.78	0.59	0.68	0.67	0.68	0.80	−11	+6	−4	+26	−12	−2	−12	−2	−1	−12	0	−0.91
25197		05 23 27.83	+57 32 40.3	5.24		H	80.865 943 76	+57.544 531 38		9.59	14.94	−55.97	0.58	0.51	0.77	0.67	0.55	+33	+13	−6	+9	+18	−20	+15	−11	+0	+30	0	0.36
25198		05 23 28.02	+40 09 12.8	9.09		H	80.866 759 50	+40.153 549 63		0.58	1.92	−3.89	1.08	0.54	1.21	1.09	0.50	−7	+43	−17	+18	−1	+9	+7	−12	+9	+18	3	0.69
25199		05 23 28.15	−01 00 08.8	7.86		H	80.867 279 58	−01.002 440 93		2.87	2.29	0.41	0.93	0.59	1.19	1.11	0.64	+6	+26	−27	−27	−38	+26	−36	−16	−27	+8	0	1.07
25200		05 23 29.75	+69 33 53.7	8.47		H	80.873 942 39	+69.564 905 77		6.18	−8.80	7.61	0.52	0.74	1.06	0.60	0.96	−16	−9	+4	−36	+8	+19	+7	−13	−10	−10	0	0.20

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
25101											T	11.6937	0.0061	0.066	137		11.54	11.81					1 S							D G
25102	9.899	0.025	9.650	0.029	A	0.100	0.495	G	0.26	0.07	L *	9.6528	0.0027	0.022	97	*	9.60	9.70		D	05225+5633	I 1	2 C D	AB	32	6.242	0.083	3.25	0.31	G D
25103	9.303	0.022	9.066	0.025		0.297	0.030	G	0.34	0.04	H	9.1169	0.0021	0.017	69		9.10	9.15		D			1							G
25104	10.626	0.043	9.964	0.037							T	10.1316	0.0035	0.043	147		10.07	10.21		D	05225−2943	I 2	1							
25105											T	11.0733	0.1097	0.710	126		10.29	12.63		D	05225−2943	I 2								G
25106	8.010	0.008	7.814	0.011		0.187	0.013	T	0.21	0.01	L	7.8519	0.0014	0.012	88		7.83	7.88		C			1							S
25107	8.769	0.011	7.033	0.006		1.448	0.010	T	1.45	0.02	L	6.9974	0.0013	0.009	119		6.98	7.01					1							S
25108	9.034	0.010	8.482	0.009		0.501	0.015	G	0.57	0.02	H	8.5601	0.0016	0.018	172		8.52	8.59		M			1							S
25109	11.868	0.104	9.622	0.022		1.854	0.085	T	1.89	0.09	L	9.4385	0.0025	0.021	130		9.40	9.48					1 S							
25110	5.674	0.002	5.143	0.002		0.506	0.002	T	0.58	0.00	L	5.1900	0.0006	0.006	151		5.18	5.20			05227+7913	I 1	1							S
25111	8.500	0.012	8.313	0.014		0.303	0.015	G	0.35	0.02	H	8.3617	0.0012	0.011	74		8.35	8.39					1							
25112	10.074	0.029	9.630	0.030		0.419	0.038	T	0.49	0.04	L	9.6587	0.0026	0.024	73		9.61	9.69					1							G
25113	11.369	0.110	10.698	0.095		0.611	0.109	T	0.68	0.10	L	11.0644	0.0042	0.036	74		11.00	11.11		C			1							G
25114	7.612	0.008	7.459	0.009		0.188	0.010	G	0.21	0.01	H	7.4599	0.0046	0.042	91		7.42	7.54		U 2 C			1							S P
25115	7.798	0.006	7.893	0.009		−0.081	0.009	T	−0.06	0.01	L	7.8990	0.0013	0.017	147		7.87	7.93					1							S
25116	9.060	0.019	9.003	0.024		0.040	0.015	G	0.06	0.01	H	9.0222	0.0016	0.014	79		8.99	9.05					1							
25117	8.781	0.009	8.718	0.011		0.057	0.013	T	0.07	0.01	L	8.7552	0.0019	0.019	147		8.72	8.79					1							
25118	9.890	0.020	9.745	0.025		0.129	0.015	G	0.14	0.01	H	9.8157	0.0028	0.032	135		9.77	9.87		C			1							
25119	9.048	0.016	7.899	0.011	*	0.980	0.015	T	0.96	0.01	L *	7.9032	0.0012	0.010	87	*	7.88	7.92		D	05226+0236	I 1	2 C A	AB	187	0.998	0.017	2.79	0.06	S
25120	9.258	0.016	8.030	0.010		1.049	0.015	T	1.02	0.01	L	8.0872	0.0016	0.011	100		8.07	8.11		C			1							S
25121	9.129	0.017	9.006	0.020		0.111	0.024	T	0.12	0.03	L	9.0535	0.0020	0.018	89		9.03	9.08		C			1							
25122	10.343	0.031	8.521	0.013		1.516	0.027	T	1.55	0.04	L	8.4752	0.0012	0.013	105		8.45	8.50					1							
25123	10.839	0.054	8.793	0.018		1.694	0.045	T	1.72	0.05	L	8.6669	0.0024	0.014	63		8.64	8.69					1							
25124	9.553	0.018	9.148	0.019		0.360	0.015	G	0.42	0.02	H	9.2482	0.0022	0.021	118		9.21	9.28					1							
25125	8.888	0.008	7.672	0.005		1.039	0.007	T	1.01	0.01	L	7.7268	0.0010	0.014	211		7.71	7.76					1							S
25126	9.323	0.019	8.845	0.019		0.450	0.025	T	0.52	0.03	L	8.9123	0.0019	0.019	90		8.88	8.94		C			1							
25127	10.009	0.030	9.212	0.024		0.706	0.029	T	0.76	0.02	L	9.2900	0.0039	0.023	72		9.24	9.32					1							
25128	8.348	0.009	8.355	0.012	*	−0.005	0.013	T	0.02	0.01	L *	8.3492	0.0016	0.016	150	*	8.32	8.38		D	05227+0008	I 1	2 C A	AB	51	0.532	0.008	1.93	0.03	
25129	11.398	0.065	10.047	0.032		1.190	0.015	G	1.32	0.03	I	10.1902	0.0039	0.033	114		10.12	10.25					1							
25130	9.848	0.019	8.489	0.011		1.151	0.017	T	1.11	0.01	L	8.5321	0.0016	0.014	116		8.51	8.56		U			1							
25131	9.902	0.026	8.845	0.017		0.917	0.023	T	0.92	0.02	L	8.8698	0.0018	0.015	89		8.85	8.90		C			1							
25132	9.766	0.024	9.268	0.023		0.468	0.030	T	0.54	0.03	L	9.2866	0.0022	0.020	89		9.25	9.32					1							
25133	7.801	0.007	7.542	0.008		0.224	0.011	G	0.25	0.01	H	7.5926	0.0012	0.011	114		7.58	7.61					1							S
25134	8.961	0.015	7.702	0.009		1.073	0.014	T	1.04	0.01	L	7.7562	0.0014	0.010	69		7.73	7.78					1							S
25135	10.162	0.023	8.933	0.014		1.053	0.002	G	1.02	0.00	H	8.9374	0.0016	0.015	147		8.91	8.97					1							
25136	6.821	0.005	6.720	0.006		0.079	0.007	G	0.09	0.01	H	6.7469	0.0010	0.008	93		6.74	6.76		C			1							S
25137	9.986	0.030	9.246	0.025		0.590	0.015	G	0.66	0.01	H	9.3531	0.0020	0.015	84		9.33	9.38		C	05227+4755	I 1	1							
25138	8.527	0.008	8.309	0.009	A	0.600	0.495	G	0.17	0.02	L *	8.2791	0.0016	0.015	146	*	8.25	8.31		D	05228+6613	I 1	2 C A	AB	80	2.703	0.009	2.61	0.06	S
25139	9.697	0.036	9.157	0.034		0.506	0.044	T	0.58	0.05	L	9.1960	0.0023	0.017	85		9.17	9.24					1							
25140	9.331	0.016	8.333	0.011		0.893	0.020	G	0.92	0.02	A	8.3972	0.0016	0.014	103		8.37	8.44					1							
25141	9.461	0.022	8.965	0.022		0.479	0.001	G	0.55	0.00	H	9.0218	0.0022	0.013	68		9.00	9.05		C			1 G							
25142	4.778	0.003	4.956	0.003		−0.096	0.004	G	−0.14	0.02	A	4.9403	0.0009	0.008	92		4.92	4.96		D	05228+0333	I 2	1							S
25143	5.698	0.003	5.558	0.003		0.127	0.004	T	0.14	0.00	L	5.5885	0.0007	0.006	99		5.57	5.60		C			1							S
25144	10.147	0.019	8.758	0.011		1.175	0.017	T	1.14	0.01	L	8.7885	0.0020	0.024	181		8.75	8.83					1							
25145	6.969	0.006	7.085	0.007		−0.111	0.012	G	−0.10	0.01	H	7.1154	0.0021	0.015	95		7.07	7.14		D	05228+0333	I 2	1							S
25146						−0.014	0.006	G	0.01	0.01	H	11.5888	0.0044	0.057	103		11.51	11.70					1							G
25147	8.816	0.015	8.577	0.017		0.210	0.015	G	0.23	0.02	H	8.6269	0.0018	0.013	82		8.61	8.65		C			1							
25148	9.623	0.017	8.822	0.014		0.713	0.008	G	0.76	0.01	H	8.8550	0.0018	0.018	121		8.82	8.89		C			1							
25149	9.663	0.019	7.884	0.009		1.482	0.017	T	1.50	0.03	L	7.8530	0.0012	0.011	109		7.84	7.87		C			1							S
25150	8.905	0.011	7.651	0.007		1.069	0.010	T	1.03	0.01	L	7.6905	0.0017	0.014	134		7.67	7.72					1							S
25151	9.183	0.019	7.808	0.011	A	1.130	0.015	G	1.09	0.02	H *	7.8005	0.0014	0.010	73	*	7.78	7.82		D	05229+1422	I 1	2 C A	AB	320	3.353	0.019	3.14	0.08	
25152	9.230	0.019	9.126	0.023		0.094	0.027	T	0.11	0.03	L	9.1703	0.0027	0.021	90		9.14	9.20		C			1							
25153	9.080	0.014	8.869	0.016		0.180	0.015	G	0.20	0.02	H	8.9175	0.0015	0.017	84		8.89	8.95		D			1							
25154	10.371	0.038	9.352	0.025		0.888	0.034	T	0.89	0.03	L	9.4163	0.0028	0.015	65		9.39	9.44		C			1							
25155	10.827	0.062	9.098	0.024		1.442	0.053	T	1.44	0.08	L	9.0799	0.0019	0.016	66		9.05	9.10		C			1							
25156	8.901	0.009	8.477	0.009		0.408	0.015	G	0.47	0.02	H	8.5364	0.0019	0.021	203		8.51	8.58		U			1							P
25157	8.029	0.012	8.029	0.015		0.030	0.015	G	0.05	0.01	H	8.0319	0.0008	0.008	70		8.01	8.05		D			1							
25158	9.689	0.030	8.101	0.015		1.331	0.026	T	1.29	0.03	L	8.1033	0.0021	0.014	65		8.08	8.13		C			1							
25159											T	11.5929	0.0072	0.058	62		11.49	11.68					1							G
25160	7.891	0.010	7.589	0.010		0.297	0.007	G	0.34	0.01	H	7.6380	0.0014	0.010	63		7.62	7.66					1							S
25161	10.432	0.030	9.116	0.017		1.130	0.015	G	1.06	0.02	A	9.1662	0.0027	0.026	150		9.12	9.22					1							
25162	11.435	0.067	9.778	0.026		1.386	0.057	T	1.36	0.07	L	9.7487	0.0024	0.025	131		9.70	9.78		C			1 S							
25163	8.034	0.009	8.118	0.012		−0.073	0.012	G	−0.05	0.01	H	8.1349	0.0023	0.016	101		8.11	8.16					1							S
25164	8.233	0.008	8.314	0.010		−0.084	0.006	G	−0.06	0.01	H	8.3152	0.0012	0.012	147		8.30	8.34		C			1							
25165	8.966	0.010	8.876	0.012		0.088	0.015	T	0.10	0.02	L	8.9161	0.0016	0.020	178		8.88	8.96		C			1							
25166	9.093	0.018	8.221	0.014		0.780	0.015	G	0.82	0.01	H	8.2906	0.0009	0.012	75		8.28	8.31		D			1							
25167	10.437	0.037	10.194	0.046		0.232	0.055	T	0.26	0.07	L	10.2483	0.0022	0.027	82		10.20	10.28		C			1							G
25168	9.955	0.028	8.809	0.018		0.985	0.026	T	0.97	0.02	L	8.8505	0.0018	0.015	94		8.82	8.88		C			1							
25169	9.903	0.033	9.760	0.042	B	0.190	0.015	G	0.21	0.02	H	9.8381	0.0138			B				D	05231+3110	I 2	1 C I B							
25170	9.899	0.029	9.656	0.033		0.232	0.041	T	0.26	0.05	L	9.7305	0.0026	0.022	83		9.69	9.77		C			1							
25171	7.563	0.008	7.573	0.010	*	−0.004	0.012	T	0.02	0.01	L *	7.5639	0.0011	0.011	90	*	7.54	7.59		D	05231−0806	I 1	2 C A	AB	72	0.603	0.005	1.58	0.02	S
25172	8.016	0.007	7.716	0.009		0.265	0.003	G	0.30	0.00	H	7.7605	0.0011	0.012	106		7.74	7.78					1 G							S
25173	9.625	0.023	8.095	0.012		1.285	0.020	T	1.24	0.02	L	8.1114	0.0013	0.010	85		8.10	8.13		C			1							
25174	7.034	0.005	7.033	0.007	*	0.006	0.008	T	0.03	0.01	L *	7.0861	0.0009	0.010	121	*	7.07	7.13		U 2	05231+0103	I 1	2 C A	AB	5	4.762	0.003	0.23	0.01	S P
25175	9.121	0.018	9.055	0.023	A	0.085	0.005	G	0.10	0.01	H	9.0790	0.0093	0.053	79	A	8.92	9.13		D	05231+3110	I 2	1 C P B							
25176	10.667	0.036	9.735	0.025		0.840	0.015	G	0.88	0.01	H	9.8039	0.0029	0.029	128		9.76	9.85					1							
25177	8.313	0.008	8.262	0.010		0.046	0.011	T	0.06	0.01	L	8.2850	0.0012	0.014	146		8.26	8.31		C			1							
25178	8.741	0.013	8.682	0.017		0.090	0.015	G	0.10	0.02	H	8.7530	0.0083	0.055	84		8.63	8.79		U 2 C			1							P
25179	7.876	0.007	7.968	0.010		−0.075	0.021	G	−0.05	0.03	H	7.9685	0.0015	0.012	118		7.95	7.99		C			1							S
25180	7.072	0.004	6.543	0.004		0.505	0.004	T	0.58	0.00	L	6.5976	0.0008	0.008	153		6.58	6.61		C			1							S
25181	9.618	0.023	8.509	0.016		0.956	0.022	T	0.94	0.02	L	8.5531	0.0017	0.011	64		8.53	8.57		C			1							
25182	10.032	0.024	8.252	0.011		1.483	0.021	T	1.50	0.03	L	8.2137	0.0020	0.017	107		8.18	8.25					1							S
25183	7.976	0.006	7.574	0.007		0.387	0.005	G	0.45	0.01	H	7.6039	0.0015	0.015	128		7.58	7.63		U	05232−3145	I 1	1 X S							S
25184	9.067	0.026	7.013	0.011		1.700	0.023	T	1.72	0.02	L	6.9104	0.0033	0.018	74		6.88	6.94		U 2	05232+4701	I 1	1							S
25185	9.354	0.022	8.930	0.021		0.401	0.028	T	0.47	0.03	L	8.9717	0.0017	0.015	70		8.94	8.99		C			1							
25186	10.057	0.025	8.546	0.013		1.271	0.022	T	1.23	0.02	L	8.5813	0.0017	0.016	96		8.56	8.61					1							
25187	5.907	0.005	5.967	0.007	*	−0.037	0.009	G	−0.01	0.01	H *	5.9845	0.0013	0.010	89	*	5.97	6.01		D	05233−0825	I 1	2 C A	AB	139	6.117	0.008	2.13	0.04	S
25188	9.226	0.015	7.845	0.009		1.169	0.014	T	1.13	0.01	L	7.8857	0.0019	0.012	84		7.87	7.92		C			1							
25189	10.867	0.049	9.591	0.027		1.029	0.008	G	1.08	0.01	I	9.5852	0.0030	0.022	98		9.54	9.64		C			1							
25190	9.318	0.015	8.571	0.013	*	0.675	0.002	G	0.73	0.00	H *	8.5500	0.0016	0.016	114	*	8.53	8.59		D	05234−3640	I 1	2 C A	AB	248	0.714	0.003	0.59	0.01	S
25191	9.903	0.035	9.034	0.026		0.761	0.033	T	0.80	0.02	L	9.1290	0.0021	0.019	89		9.09	9.17		C			1							
25192	6.375	0.006	6.441	0.007		−0.040	0.008	G	−0.02	0.01	H	6.4398	0.0008	0.007	69		6.43	6.45		C			1							S
25193	8.294	0.011	8.318	0.014		−0.020	0.015	T	0.00	0.01	L	8.3304	0.0021	0.013	89		8.31	8.36					1							S
25194	7.857	0.011	5.940	0.009		1.626	0.012	T	2.23	0.06	O	5.7816	0.0057	0.102	112		5.70	6.03	151.40	P 1 A			1 S							S
25195	8.790	0.015	8.197	0.014		0.606	0.015	G	0.68	0.01	H	8.2332	0.0018	0.012	73		8.21	8.25		C			1							
25196	9.343	0.016	7.963	0.009		1.168	0.014	T	1.13	0.01	L	8.0128	0.0012	0.013	109		7.99	8.04					1							S
25197	5.225	0.002	5.239	0.003		−0.011	0.003	T	0.01	0.00	L	5.2468	0.0005	0.005	124		5.24	5.25		C	05234+5732	I 1	1							S
25198	9.084	0.014	9.081	0.018		0.007	0.021	T	0.03	0.02	L	9.0999	0.0015	0.012	101		9.08	9.12					1							
25199	7.829	0.008	7.854	0.012		−0.008	0.015	G	0.01	0.01	H	7.8612	0.0014	0.010	86		7.85	7.88					1							S
25200	8.727	0.007	8.492	0.008		0.200	0.009	G	0.22	0.01	H	8.5383	0.0012	0.021	234		8.50	8.57					1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
25201		05 23 30.00	+16 02 32.9	8.28		G	80.874 995 82	+16.042 482 07	B	1.28	3.67	−3.39	8.93	5.68	4.86	7.21	3.98	+24	+22	−9	−7	+6	+6	+2	+31	+2	+37	2	1.02
25202		05 23 30.16	−13 55 38.5	5.25		H	80.875 649 30	−13.927 349 83		1.80	1.07	−0.92	0.58	0.52	0.75	0.64	0.59	−21	+25	−17	+22	−31	−6	−34	+35	−17	−26	0	0.76
25203		05 23 30.19	+50 13 13.9	7.80	2	H	80.875 808 59	+50.220 521 41		4.27	−7.79	16.79	1.08	0.66	1.26	1.06	0.64	+13	+49	+15	+21	−3	+11	+1	+7	+8	+17	0	1.14
25204		05 23 30.64	+18 36 02.6	7.27		H	80.877 673 27	+18.600 714 98		2.72	5.93	−9.68	1.03	0.67	1.11	1.34	0.72	+26	+34	−14	+20	+31	−19	+21	+65	−15	+34	2	−1.79
25205		05 23 31.08	+05 19 23.0	6.34		H	80.879 514 08	+05.323 045 71		13.32	−30.42	16.63	0.87	0.57	0.98	0.99	0.63	+23	+47	−13	+18	+21	−24	+1	+62	−29	+48	0	−0.53
25206		05 23 31.28	−46 27 10.0	10.33		G	80.880 349 72	−46.452 766 83		15.65	157.26	125.82	1.22	1.21	1.33	1.37	1.72	−14	−8	−18	−28	+18	+16	+26	−15	−3	−8	2	2.02
25207		05 23 31.74	+16 02 25.8	7.27		G	80.882 246 71	+16.040 507 74	A	3.17	1.42	−5.70	1.61	1.13	1.32	1.95	1.12	+14	+21	−19	+4	+12	−1	+5	+39	−3	+36	2	1.02
120412		05 23 33.71	−60 55 29.0																										
25208		05 23 34.17	−11 58 40.6	9.37		H	80.892 379 85	−11.977 956 96		1.52	0.25	−0.26	1.12	1.00	1.49	1.24	1.14	−37	+29	−14	+39	−44	−4	−49	+42	−38	−41	0	1.36
25209		05 23 34.44	+05 49 18.9	8.10		H	80.893 508 39	+05.821 917 76		7.54	41.18	−51.45	1.02	0.61	1.15	1.05	0.65	+9	+49	−13	+9	+10	−11	−4	+52	−20	+27	2	1.51
25210	H	05 23 34.79	−10 25 06.8	7.52		H	80.894 960 02	−10.418 559 05	A	3.80	−1.46	7.36	1.52	1.35	1.59	1.36	1.32	−30	+3	+6	−9	−18	+5	−20	−9	−12	−8	1	0.00
25211		05 23 35.95	+41 36 04.7	8.73		H	80.899 771 90	+41.601 312 69		3.28	−0.77	−0.64	1.07	0.53	1.11	1.28	0.53	−13	+31	−9	+27	−3	−5	+0	+8	+13	−16	0	2.21
25212		05 23 36.94	−22 18 24.6	10.53		H	80.903 915 39	−22.306 844 47	B	7.52	−12.56	−32.58	17.24	20.12	9.63	18.57	16.62	+4	+4	−16	+11	−25	+20	−19	+16	+3	−15	4	1.46
25213		05 23 37.00	−45 01 51.5	8.43		H	80.904 168 71	−45.030 963 87		1.87	3.46	13.47	0.63	0.69	0.75	0.76	0.91	−7	+21	−6	+16	−13	+14	−16	−4	−4	−19	3	−0.14
25214		05 23 37.38	−06 53 52.2	8.84		H	80.905 748 83	−06.897 843 44		2.17	10.19	7.61	1.03	0.77	1.37	1.16	0.88	+0	+33	−4	+20	−14	+12	−18	+8	−18	+2	0	1.17
25215	H	05 23 37.67	+50 39 10.8	8.92		H	80.906 967 09	+50.653 013 67	A	1.65	12.71	−3.07	3.63	4.47	3.16	3.47	2.28	+38	+20	−7	+10	−16	+32	−15	−13	+13	+44	0	0.32
25216		05 23 37.72	+16 41 57.7	6.09		H	80.907 176 01	+16.699 351 60		7.32	−27.50	−21.87	0.81	0.53	0.88	0.91	0.60	+23	+42	−16	+7	+41	+2	+21	+56	−9	+57	0	0.56
25217		05 23 37.92	−51 32 09.6	9.39		H	80.907 995 17	−51.535 999 51		1.64	9.79	27.72	0.82	1.01	0.98	0.86	1.09	−2	−4	+13	+3	−11	+3	−13	+6	+8	−1	0	2.52
25218		05 23 38.15	−22 18 28.9	7.45		H	80.908 978 36	−22.308 024 10	A	6.53	−2.20	−32.53	1.11	1.25	1.36	1.41	1.44	+6	+9	−21	+10	−25	+23	−18	+11	+0	−9	4	1.46
25219		05 23 38.19	−55 35 27.1	9.27		H	80.909 110 97	−55.590 868 67		5.80	−0.30	29.49	0.77	0.89	0.87	0.80	1.02	−8	−14	+13	+10	−16	+3	−20	+15	+13	−2	0	0.34
25220		05 23 38.23	+17 19 26.9	7.93		H	80.909 275 85	+17.324 130 76		69.76	253.35	−4.66	1.31	0.70	1.50	1.21	0.76	+10	+59	−16	+5	+35	+10	+11	+52	−15	+45	0	0.99
25221		05 23 38.87	−37 20 12.1	6.80		H	80.911 946 99	−37.336 705 88		5.95	11.01	6.47	0.47	0.60	0.65	0.48	0.80	+1	−4	−6	−9	−12	+23	−13	−22	+10	+9	0	−0.37
25222		05 23 39.65	+64 07 30.3	7.29		G	80.915 212 85	+64.125 074 49		22.66	162.29	−125.43	0.65	0.61	0.96	0.80	0.77	+6	+27	−9	−4	+19	−25	+13	−6	−15	+14	3	3.68
25223		05 23 42.31	−00 09 35.3	5.69		G	80.926 285 84	−00.159 812 94		4.03	1.21	−2.09	0.61	0.38	0.74	0.66	0.42	+6	+40	−5	−5	−28	−5	−32	+0	−23	+4	2	−1.04
25224		05 23 42.47	+50 44 52.8	11.76	2	G	80.926 964 22	+50.748 005 06		17.03	154.71	−201.84	3.76	2.49	4.26	4.64	2.64	+22	+37	+3	+20	−12	+20	−4	−6	+12	+27	0	0.16
25225		05 23 42.92	+37 11 21.2	8.24		G	80.928 841 55	+37.189 212 81		8.43	29.97	−34.20	0.91	0.52	1.01	1.17	0.56	+21	+24	−6	+12	+7	−1	+7	+22	+6	+33	0	1.53
25226		05 23 43.30	+56 05 20.0	6.85		H	80.930 414 42	+56.088 882 79		4.68	12.61	6.33	0.65	0.59	0.89	0.79	0.66	+32	+11	−10	−6	−22	−15	−23	−17	+11	+15	0	0.58
25227		05 23 43.64	−08 17 22.5	7.66		H	80.931 816 80	−08.289 584 21		7.30	−1.70	−1.87	0.75	0.57	0.90	0.83	0.63	−2	+25	+7	+25	−33	−13	−35	+18	−14	−18	0	0.19
25228		05 23 43.85	+12 46 32.9	8.47		H	80.932 720 79	+12.775 796 04		4.89	3.22	−8.67	1.03	0.73	1.12	1.23	0.82	+22	+36	−8	+25	+31	−24	+20	+64	−15	+35	0	0.86
25229		05 23 44.19	+60 43 16.0	9.34	2	H	80.934 134 48	+60.721 104 32		2.29	−6.41	−19.28	0.78	0.80	1.18	0.97	0.93	−11	+0	+11	−32	+21	+4	+19	−32	−18	+1	0	2.62
*25230		05 23 45.73	+20 34 45.4	8.68		H	80.940 534 43	+20.579 284 47		5.21	−2.40	−11.20	1.17	0.74	1.28	1.52	0.81	+23	+32	+7	+7	+30	+15	+21	+47	−14	+15	0	0.42
*25231	H	05 23 46.00	−62 34 54.4	7.65		H	80.941 669 92	−62.581 781 37	A	15.88	−4.85	−46.96	0.91	0.87	0.82	0.86	0.90	−8	+20	+5	−41	+11	+1	+11	−24	+3	+3	2	0.61
*25232		05 23 46.15	−06 50 03.7	8.90		H	80.942 274 66	−06.834 361 53		3.56	4.47	3.05	1.02	0.77	1.37	1.11	0.86	−1	+39	−3	+19	−11	+9	−16	+19	−16	+3	0	0.67
*25233		05 23 45.46	+68 41 16.7	10.99	3	G	80.939 426 00	+68.687 963 35		31.21	4.35	−315.48	2.87	3.47	4.90	3.48	4.60	−12	+4	+16	−12	+14	+7	+14	−13	−3	−27	0	
25234		05 23 47.68	−26 48 38.2	9.03	2	H	80.948 657 89	−26.810 608 35		−0.57	1.63	2.12	0.71	1.04	1.40	0.86	1.33	−18	+14	−21	−3	−3	+14	+2	+4	+15	−14	0	−1.46
25235		05 23 50.36	+02 04 55.8	7.91	1	H	80.959 825 52	+02.082 173 04		1.84	0.22	0.83	0.92	0.56	1.23	1.12	0.57	+7	+26	−2	+3	−44	+16	−41	+5	−22	−6	0	−0.25
25236		05 23 50.81	−04 34 04.1	8.23		H	80.961 707 08	−04.567 795 61		4.02	6.22	−2.17	0.90	0.66	1.11	1.01	0.79	−7	+28	−9	+23	−19	−8	−23	+23	−14	+6	0	1.40
25237		05 23 51.26	+30 14 12.2	9.40		H	80.963 578 33	+30.236 712 57		6.72	17.42	−23.80	1.45	0.84	1.63	1.58	0.92	−9	+54	−25	+9	+6	−1	+1	+16	−5	+21	0	−1.39
25238		05 23 51.26	+36 23 54.4	6.83		H	80.963 591 58	+36.398 435 26		1.90	2.96	−10.49	0.72	0.44	0.79	0.83	0.45	+8	+28	−5	+18	+17	+3	+15	+29	+2	+14	2	0.51
25239		05 23 51.29	+14 45 03.4	10.69		H	80.963 700 11	+14.750 944 70		−1.75	4.29	−6.21	2.24	1.23	2.53	2.74	1.36	−3	+51	−21	+3	+22	−9	+4	+50	−16	+21	0	−2.22
25240	H	05 23 51.33	−00 51 59.8	6.13		G	80.963 888 15	−00.866 624 18	A	17.23	−5.64	0.95	1.39	1.03	1.13	1.50	0.97	+6	+12	−24	−18	−55	+11	−55	−19	−8	+1	3	0.65
25241		05 23 51.38	+00 51 46.3	8.41		G	80.964 063 70	+00.862 860 56		3.68	1.96	−0.53	0.94	0.57	1.15	1.09	0.61	−15	+35	+0	+5	−33	+4	−34	−8	−18	−33	0	−0.69
25242		05 23 52.48	−09 59 30.1	9.06		H	80.968 663 94	−09.991 689 66		2.17	−3.98	1.37	0.90	0.74	1.16	1.08	0.86	−13	+14	+4	+4	−24	−6	−24	+2	−14	−25	0	2.36
25243		05 23 52.60	−20 43 39.8	7.54		H	80.969 147 19	−20.727 731 99		5.04	34.27	19.28	0.54	0.65	0.99	1.02	0.91	+14	+9	−17	+3	−13	+27	−4	+18	−11	−9	0	0.34
25244		05 23 53.29	−03 04 58.7	9.50		H	80.972 037 40	−03.082 969 40		2.59	2.99	0.98	1.29	0.92	1.68	1.37	1.04	−1	+40	+5	−2	−19	+4	−26	−14	−24	−8	0	1.69
25245		05 23 53.89	+11 05 00.9	7.56		G	80.974 547 15	+11.083 582 05		11.50	−15.51	3.81	0.98	0.62	1.03	1.15	0.77	+28	+41	−12	−14	+14	−6	−4	+35	−12	+59	3	−0.63
25246		05 23 54.90	+47 57 22.2	9.11		H	80.978 736 24	+47.956 167 37		1.17	2.52	−1.75	1.13	0.67	1.23	1.43	0.68	+14	+17	+8	+35	−16	−18	−16	+10	−4	−1	2	1.10
25247		05 23 56.84	−07 48 28.6	4.13		G	80.986 818 39	−07.807 955 69		18.71	−13.91	−44.80	0.61	0.47	0.74	0.63	0.50	+7	+30	+2	+19	−28	−5	−30	+13	−11	−3	0	0.28
25248		05 23 56.96	+17 38 10.4	10.02		H	80.987 333 29	+17.636 212 52		3.25	−4.36	−9.18	1.86	1.08	2.05	2.03	1.14	+9	+46	−13	−7	+41	+6	+18	+55	−13	+37	0	−1.30
25249		05 23 57.05	+26 29 46.0	11.35		H	80.987 698 50	+26.496 101 16		2.00	−2.05	−3.82	2.63	1.63	2.83	3.70	1.82	+1	+6	−11	+2	+5	+12	+1	+31	+6	+20	4	−0.55
25250		05 23 57.06	+19 59 57.7	8.40		G	80.987 751 09	+19.999 368 79		7.25	22.86	−48.95	1.22	0.68	1.34	1.23	0.71	+2	+52	−18	+4	+25	−8	+8	+53	−17	+19	2	2.23
25251		05 24 00.33	−58 05 42.2	8.52		H	81.001 382 82	−58.095 058 55		7.90	−5.74	−9.08	0.75	0.70	0.75	0.90	0.86	−11	−7	+4	−13	−1	+4	−1	−10	+6	−21	0	−0.27
25252	H	05 24 00.77	+32 37 32.0	8.34	2	G	81.003 216 10	+32.625 565 85	*	−0.11	−1.53	−3.50	3.40	2.17	1.57	1.74	1.07	+44	+21	−19	+28	+24	+16	+27	+57	−7	+36	0	0.13
25253	H	05 24 01.17	+24 57 37.8	7.78	2	G	81.004 860 31	+24.960 503 86	B	6.65	10.39	−27.00	2.85	1.51	2.45	2.27	1.24	+13	+29	−14	+5	−1	+1	−17	+23	−10	−4	7	1.27
25254		05 24 02.02	−33 44 36.4	8.84		H	81.008 418 62	−33.743 432 17		0.81	1.84	−2.14	0.72	0.85	1.03	0.77	1.08	+8	+32	+12	+14	+5	+12	+6	−7	+9	+1	0	0.55
25255		05 24 04.85	+04 30 01.1	9.78		H	81.020 222 86	+04.500 299 98		−1.39	−1.77	−9.92	1.80	0.87	2.15	1.55	0.93	−2	+70	−23	+13	−9	+8	−28	+44	−34	+21	0	1.55
25256		05 24 05.31	−47 20 25.7	8.03		H	81.022 141 77	−47.340 474 45		14.33	−5.73	−40.28	0.63	0.68	0.73	0.82	0.89	+5	+3	+0	+9	−4	−6	−8	−5	−2	−20	0	1.01
25257		05 24 07.94	−35 47 04.5	8.39		H	81.033 090 94	−35.784 595 11		5.57	12.73	−28.58	0.62	0.75	0.85	0.73	0.93	−18	+10	−10	+10	−12	+15	−14	−19	+17	−30	0	0.83
25258		05 24 08.05	+02 27 46.9	9.71		H	81.033 532 48	+02.463 024 33		1.05	2.52	−0.14	1.44	0.89	1.98	1.71	0.90	+15	+27	+3	+4	−37	+9	−35	+6	−20	+1	3	1.77
25259		05 24 08.16	−34 24 55.8	7.45		H	81.034 019 64	−34.415 498 78		7.98	29.25	46.00	0.51	0.60	0.72	0.58	0.85	−5	+10	+0	+5	−9	−3	−9	+0	+15	−9	0	−0.22
25260		05 24 08.30	+38 34 05.8	8.63		H	81.034 603 72	+38.568 271 88		1.63	−1.82	−1.56	1.11	0.52	1.22	1.31	0.52	−1	+47	−14	+33	−17	+11	−2	+6	+13	+15	0	−0.03
25261		05 24 08.33	−09 49 57.4	9.12		H	81.034 690 99	−09.832 614 66		2.23	4.75	1.49	0.97	0.83	1.27	1.13	0.94	−14	+16	+7	+11	−28	−10	−28	+8	−13	−25	0	0.81
25262		05 24 09.33	+39 21 56.9	8.18		G	81.038 878 48	+39.365 809 48		0.74	0.13	−4.96	1.20	0.51	1.34	1.19	0.48	+1	+55	−5	+10	+1	+9	+5	−1	+7	+13	0	−0.73
25263		05 24 09.76	−53 25 43.6	7.60		H	81.040 653 13	−53.428 781 01		4.88	7.31	−6.37	0.53	0.64	0.61	0.62	0.85	−1	+8	+1	+20	−2	−2	−4	+23	−18	+8	0	−0.99
25264		05 24 12.33	+22 08 25.2	10.00		H	81.051 375 01	+22.140 323 40	A	−0.93	8.22	−18.52	8.12	4.72	6.74	8.08	4.26	+2	+26	−31	+6	+39	−22	+14	+60	−45	+39	6	0.70
25265		05 24 12.64	−35 09 06.4	7.91		H	81.052 655 42	−35.151 771 34		2.99	10.11	−33.32	0.52	0.69	0.74	0.58	0.80	−7	+5	−13	+17	−12	+8	−13	−15	+18	−13	0	−1.66
25266		05 24 12.79	+22 08 16.6	10.59		H	81.053 288 57	+22.137 947 24	B	1.66	26.28	−14.45	15.86	9.03	11.12	13.58	7.10	−7	+13	−33	−12	+39	−23	+14	+48	−49	+37	6	0.70
25267		05 24 13.86	+86 17 23.2	8.02		H	81.057 738 17	+86.289 781 55		4.09	6.67	−25.31	0.79	0.91	1.02	0.85	1.12	+7	+7	+4	−13	+3	+12	+5	+3	−4	−4	0	
25268		05 24 15.65	+20 08 24.4	8.38		H	81.065 226 76	+20.140 110 89		2.69	23.57	−40.14	2.38	1.54	2.55	2.79	1.68	+18	+31	−12	+7	+37	+1	+24	+49	−15	+33	0	
25269		05 24 16.13	−43 36 31.8	7.62		H	81.067 210 83	−43.608 829 33		1.98	15.20	2.52	0.58	0.67	0.72	0.64	0.89	−4	−4	−22	−16	−7	+7	−8	−22	+25	−2	0	0.19
*25270		05 24 16.36	−74 37 58.1	7.76		H	81.068 171 20	−74.632 802 06		5.06	8.95	17.05	0.62	0.50	0.62	0.59	0.63	−6	+31	−2	−11	−11	+19	−18	+16	−23	−15	1	0.76
*25271		05 24 16.28	−06 48 38.3	8.19		H	81.067 814 67	−06.810 636 45		7.06	−2.13	−71.18	0.95	0.68	1.27	1.00	0.76	−7	+44	−13	+16	−9	+7	−16	+16	−21	+1	0	0.92
*25272		05 24 16.30	−21 07 18.5	9.19		H	81.067 922 69	−21.121 810 76		1.39	2.22	7.45	1.30	1.66	2.44	2.52	2.25	+11	+6	−16	+17	−27	+23	−18	+17	+2	−24	0	
25273		05 24 16.54	−24 41 21.0	8.75		G	81.068 917 75	−24.689 175 60		5.00	−8.65	6.68	0.52	0.82	1.19	0.63	1.19	−13	+16	−17	−3	−3	−3	−5	+25	+0	−6	1	1.78
25274		05 24 19.18	+22 18 20.4	8.80		H	81.079 931 22	+22.305 658 34		10.18	−29.10	−10.19	1.58	1.06	1.90	1.74	1.11	+20	+36	−29	+6	+57	−14	+21	+72	−42	+53	0	0.53
25275	H	05 24 20.25	+14 23 16.6	9.02		G	81.084 381 69	+14.387 952 17	A	−1.18	1.85	−19.24	2.42	1.80	2.53	2.60	1.60	−17	+56	−29	+6	+1	+12	−12	+39	−19	+2	1	0.78
25276		05 24 20.35	−27 20 32.6	11.49		G	81.084 803 26	−27.342 384 67		−1.79	3.95	1.51	1.34	2.00	2.58	1.58	2.87	−6	+4	−25	−5	−1	+2	−2	+12	+4	+2	1	1.28
25277		05 24 22.76	−75 37 14.2	9.10		H	81.094 844 48	−75.620 622 17		3.40	−5.11	20.17	0.80	0.63	0.83	0.83	0.85	−12	+30	+0	−25	+4	−7	+1	−11	−4	+0	1	−0.60
25278		05 24 25.31	+17 23 00.8	5.00	1	H	81.105 459 73	+17.383 552 05		68.19	250.40	−7.42	0.86	0.57	0.94	0.88	0.61	+30	+44	−16	+6	+45	+3	+22	+60	−13	+63	0	−1.34
25279		05 24 27.59	+52 13 49.3	7.72		H	81.114 952 60	+52.230 350 46		2.12	−1.32	−8.90	0.83	0.69	1.04	1.13	0.75	+16	+3	−13	−3	−20	+18	−15	−24	+2	+23	0	0.99
25280		05 24 28.47	−16 58 32.7	5.64		H	81.118 619 18	−16.975 742 13		14.84	34.67	−15.86	0.50	0.46	0.72	0.60	0.53	+17	+8	−9	−16	−25	+5	−18	−2	−7	−26	0	−2.34
25281	H	05 24 28.62	−02 23 49.7	3.35	2	G	81.119 237 74	−02.397 138 44	A	3.62	−0.54	−3.21	0.94	0.69	0.88	0.97	0.73	+47	+24	−3	−44	−47	+15	−45	−38	−10	+28	16	2.04
25282		05 24 28.91	−00 53 30.0	5.07		H	81.120 462 83	−00.891 669 02		18.93	−5.03	140.19	0.81	0.52	0.82	0.93	0.62	+33	+32	−16	−34	−52	+1	−54	−31	−11	+42	0	0.41
25283		05 24 30.14	−38 58 10.2	9.08	1	H	81.125 571 66	−38.969 512 80		56.36	44.00	−58.37	0.70	0.91	0.97	0.74	1.11	+7	−11	−6	−11	−15	+22	−19	−22	+19	+1	0	−0.39
25284		05 24 30.54	+41 49 37.4	7.66	2	H	81.127 234 62	+41.827 063 87		0.92	2.17	0.98	0.88	0.45	0.94	1.17	0.45	−4	+22	−2	+30	+5	−17	+4	−5	+23	−17	0	1.63
25285		05 24 33.00	−03 30 29.3	9.49		H	81.137 491 88	−03.508 141 07		4.59	−1.61	−6.00	1.36	0.87	1.71	1.64	1.08	−7	+43	+1	−9	−21	+3	−31	−5	−38	−18	0	1.10
25286		05 24 33.14	+09 10 15.1	8.52		H	81.138 089 77	+09.170 868 41		10.26	−39.63	10.49	1.29	0.76	1.47	1.38	0.81	+0	+45	−19	−6	+30	−1	+7	+49	−25	+25	0	0.20
25287		05 24 34.75	+15 58 31.0	8.53		H	81.144 798 90	+15.975 284 89		2.19	−8.49	−4.32	1.08	0.76	1.12	1.48	0.85	+26	+20	−7	+29	+23	−16	+18	+62	−13	+35	0	−0.51
25288		05 24 36.10	+02 21 11.4	6.33		H	81.150 420 15	+02.353 167 29		2.66	−0.30	−1.01	0.69	0.43	0.91	0.83	0.45	+21	+22	+5	+0	−45	+11	−41	+6	−17	+4	3	0.97
25289		05 24 36.82	−28 58 46.0	9.50	2	H	81.153 421 40	−28.979 450 96		0.16	27.65	−7.00	0.78	0.93	1.20	1.03	1.20	−23	+16	−14	+0	−1	−6	+1	−8	+23	−38	0	0.36
25290		05 24 38.44	+31 13 26.2	6.30		H	81.160 184 19	+31.223 933 49		4.38	−30.23	−8.74	0.79	0.51	0.85	0.77	0.53	+24	+41	−11	+11	+38	+7	+23	+38	−12	+55	0	−0.60
25291		05 24 38.53	+31 08 35.4	5.94		H	81.160 527 42	+31.143 162 98		3.97	−10.61	−6.20	0.73	0.48	0.79	0.74	0.51	+28	+39	−15	+12	+38	+6	+24	+40	−13	+58	0	−0.36
25292		05 24 39.14	+37 23 07.4	5.02		H	81.163 092 01	+37.385 375 14		6.35	−0.27	−12.13	0.71	0.41	0.78	0.81	0.41	+14	+30	+2	+24	+10	−7	+11	+18	+5	+14	2	−0.35
25293	H	05 24 40.38	−02 29 52.2	6.92		H	81.168 256 37	−02.497 844 38	A	2.13	−4.98	−1.29	0.90	0.63	1.00	0.95	0.68	+20	+29	+0	−20	−32	+15	−33	−12	−12	+3	3	−0.49
25294		05 24 40.85	+08 30 08.5	8.81		H	81.170 194 58	+08.502 353 37		3.92	2.20	−10.85	1.12	0.72	1.20	1.28	0.80	+18	+30	−13	−6	+28	−1	+11	+47	−17	+42	0	−0.37
25295		05 24 40.86	−10 59 28.6	8.71		H	81.170 267 35	−10.991 285 04		−0.67	8.34	2.95	0.92	0.80	1.21	0.98	0.90	+16	+19	+15	+1	−32	−8	−34	+9	−16	+12	4	2.02
25296		05 24 41.17	+33 38 54.6	8.95		G	81.171 560 35	+33.648 510 22		−1.28	−0.94	−3.00	1.22	0.68	1.34	1.43	0.76	+4	+42	−12	−7	−5	+13	−5	+21	+10	+32	0	1.48
25297		05 24 41.51	+11 31 46.7	7.19		H	81.172 966 74	+11.529 648 59		5.60	−46.20	−116.60	1.02	0.58	1.08	1.27	0.71	+24	+46	−11	−22	+9	−9	−8	+29	−14	+51	0	1.23
25298		05 24 42.33	−52 18 46.7	6.79		G	81.176 363 52	−52.312 974 79		6.75	−7.70	−27.57	0.49	0.55	0.55	0.49	0.61	−14	+9	+8	+5	−12	+4	−14	+8	−1	−14	2	−0.23
25299		05 24 42.80	+01 43 48.3	10.21	2	H	81.178 343 18	+01.730 071 39		1.55	−1.51	−0.39	1.51	0.87	2.02	1.68	0.90	−11	+34	−4	+10	−42	+18	−43	−1	−23	−25	0	−0.31
25300	H	05 24 44.42	+63 23 11.8	7.32		H	81.185 074 21	+63.386 603 93	A	21.83	−125.65	−57.50	1.36	1.41	1.73	1.19	1.27	−17	+11	−21	−22	+25	−9	+14	−10	−17	−2	1	0.37

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
25201	8.278	0.014	8.223	0.017	B	0.154	0.010	G	0.17	0.01	H	8.2820	0.0227			B				D	05235+1602	I 2	1 C I B							
25202	4.964	0.003	5.201	0.003		−0.219	0.003	G	−0.23	0.00	H	5.1642	0.0004	0.005	89		5.16	5.18		D			1							S
25203	10.336	0.042	8.212	0.015		1.756	0.036	T	1.78	0.04	L	7.9088	0.0032	0.052	64		7.84	8.01		U 2			1 S							
25204	9.485	0.020	7.468	0.008		1.671	0.017	T	1.69	0.02	L	7.3783	0.0014	0.012	66		7.36	7.40		C			1							S
25205	6.497	0.005	6.353	0.005		0.123	0.004	G	0.14	0.00	H	6.3846	0.0011	0.007	76		6.38	6.40					1							S
25206	11.584	0.098	10.343	0.053		0.919	0.003	G	0.96	0.00	I	10.4822	0.0026	0.026	80		10.43	10.53		D			1							G
25207	7.286	0.008	7.261	0.010	A	0.125	0.004	G	0.14	0.00	H	7.2835	0.0120	0.032	78	A	7.19	7.30		D	05235+1602	I 2	1 C P B							S
120412									−0.30	0.03	L																			G
25208	9.504	0.021	9.373	0.027		0.119	0.032	T	0.13	0.03	L	9.4160	0.0025	0.019	76		9.38	9.45		C			1							
25209	8.605	0.012	8.158	0.012		0.445	0.015	G	0.51	0.02	H	8.2039	0.0012	0.008	64		8.19	8.22		C			1							S
25210	7.650	0.017	7.595	0.018	*	0.056	0.023	T	0.07	0.02	L *	7.5487	0.0015	0.012	86	*	7.53	7.57		D	05236−1025	I 1	2 C A	AB	121	1.185	0.005	0.31	0.02	S
25211	8.814	0.013	8.743	0.016		0.070	0.019	T	0.08	0.02	L	8.7616	0.0018	0.014	98		8.74	8.79		C			1							
25212	10.813	0.048	10.215	0.043	B	0.558	0.056	T	0.63	0.05	L	9.7518	0.0684			B				D	05236−2218	I 2	1 C I A							
25213	8.335	0.010	8.420	0.013		−0.081	0.002	G	−0.06	0.00	H	8.4121	0.0016	0.015	106		8.39	8.44		C			1							S
25214	10.784	0.046	9.015	0.019		1.474	0.039	T	1.49	0.06	L	8.9719	0.0019	0.016	80		8.95	8.99		C			1							
25215	10.503	0.049	9.089	0.025	*	1.194	0.043	T	1.15	0.04	L *	9.0859	0.0023	0.018	67	*	9.05	9.12		D	05236+5039	M 1	2 C A	AB	13	0.361	0.012	1.56	0.13	
25216	6.270	0.004	6.119	0.004		0.141	0.003	G	0.16	0.00	H	6.1453	0.0009	0.005	72		6.14	6.16		C			1							S
25217	10.868	0.047	9.492	0.023		1.165	0.041	T	1.13	0.04	L	9.5469	0.0041	0.032	103		9.51	9.60					1							
25218	7.647	0.007	7.450	0.008	A	0.188	0.010	T	0.21	0.01	L	7.5149	0.0098	0.020	147	A	7.49	7.56		D	05236−2218	I 2	1 C P A							S
25219	10.279	0.029	9.378	0.022		0.801	0.027	T	0.83	0.02	L	9.4180	0.0027	0.021	98		9.37	9.45		C			1							
25220	9.382	0.023	8.051	0.014		1.104	0.001	G	1.18	0.00	I	8.0588	0.0013	0.011	67		8.04	8.08		D			1							
25221	8.124	0.008	6.920	0.004		1.037	0.000	G	1.04	0.04	E	6.9730	0.0007	0.009	124		6.96	6.99		C			1							S
25222	7.949	0.008	7.373	0.007		0.538	0.009	T	0.61	0.01	L	7.4199	0.0010	0.012	114		7.40	7.44					1 G							S
25223	5.433	0.003	5.660	0.003		−0.208	0.006	G	−0.20	0.02	A	5.6235	0.0004	0.005	110		5.62	5.63		C			1							S
25224						2.100	0.495	G	1.68	0.42	S	11.8434	0.0134	0.093	63		11.73	12.04		R 2			1							D
25225	8.636	0.012	8.270	0.012		0.352	0.007	G	0.41	0.01	H	8.3246	0.0023	0.017	93		8.30	8.35					1							
25226	8.271	0.010	6.980	0.007		1.098	0.010	T	1.06	0.01	L	7.0174	0.0010	0.008	96		7.00	7.03					1							S
25227	7.927	0.010	7.685	0.012		0.209	0.014	G	0.23	0.02	H	7.7294	0.0010	0.011	90		7.71	7.75		C			1							S
25228	8.588	0.012	8.479	0.015		0.106	0.018	T	0.12	0.02	L	8.5101	0.0015	0.012	75		8.49	8.53		C			1							
25229	11.456	0.064	9.652	0.022		1.532	0.056	T	3.43	0.06	O	9.1052	0.0087	0.091	144		8.90	9.18		U 2 C			1 S							
25230	9.214	0.017	8.714	0.017		0.470	0.022	T	0.54	0.02	L	8.7841	0.0017	0.011	61		8.77	8.81					1							
25231	8.222	0.011	7.770	0.009	A	0.700	0.495	G	0.53	0.03	L *	7.7474	0.0012	0.012	102	*	7.73	7.76		D	05238−6235	I 1	2 C A	AB	343	1.113	0.007	1.96	0.03	S
25232	9.167	0.015	8.937	0.018		0.219	0.022	T	0.24	0.03	L	8.9638	0.0013	0.014	80		8.94	8.99		C			1							
25233	12.310	0.165	10.855	0.069		1.340	0.020	G	1.55	0.03	I	11.0679	0.0068	0.103	149		10.96	11.56		U 2	05238+6841	I 1	1 X							G P
25234	11.388	0.077	9.217	0.019		1.704	0.020	G	1.77	0.14	K	9.1323	0.0038	0.037	142		9.08	9.19		U 2			1							
25235	7.744	0.009	7.893	0.009		−0.121	0.004	G	−0.11	0.01	H	7.8761	0.0024	0.018	117		7.84	7.91	1.85	P 1 A			1							S P
25236	8.636	0.012	8.272	0.013		0.345	0.016	T	0.40	0.02	L	8.3101	0.0020	0.015	87		8.28	8.34		C			1							S
25237	10.001	0.034	9.486	0.032		0.484	0.042	T	0.56	0.04	L	9.5023	0.0023	0.017	67		9.47	9.54		C			1							G
25238	7.979	0.008	6.941	0.006		0.903	0.008	T	0.90	0.01	L	6.9889	0.0009	0.007	89		6.98	7.00		C			1							S
25239	11.034	0.083	10.702	0.096		0.320	0.139	T	0.37	0.19	L	10.7681	0.0043	0.023	69		10.72	10.83		C			1							G
25240	6.695	0.006	6.143	0.006	*	0.483	0.009	G	0.55	0.01	R *	6.2101	0.0008	0.005	88	–	6.20	6.22		D	05239−0052	I 1	3 C B							S G
25241	8.318	0.008	8.390	0.010		−0.070	0.009	G	−0.05	0.01	H	8.3931	0.0014	0.017	132		8.37	8.43					1							
25242	9.107	0.014	9.048	0.017		0.059	0.020	T	0.07	0.02	L	9.0846	0.0021	0.018	91		9.06	9.12					1							
25243	9.045	0.012	7.678	0.007		1.158	0.011	T	1.12	0.01	L	7.7055	0.0012	0.013	139		7.68	7.74					1							S
25244	9.668	0.020	9.474	0.024		0.186	0.029	T	0.20	0.03	L	9.5609	0.0030	0.023	80		9.53	9.59		C			1							
25245	8.178	0.010	7.640	0.010		0.504	0.013	T	0.58	0.01	L	7.6846	0.0012	0.007	64		7.67	7.70		C			1							S
25246	9.289	0.021	9.116	0.025		0.166	0.031	T	0.18	0.03	L	9.1695	0.0026	0.013	82		9.15	9.19		C			1							
25247	5.357	0.003	4.244	0.003		0.943	0.037	G	0.97	0.02	A	4.2952	0.0004	0.003	88		4.29	4.30		C			1							S
25248	10.610	0.071	10.057	0.069		0.518	0.088	T	0.59	0.09	L	10.1341	0.0037	0.021	62		10.10	10.17		C			1 S							G
25249						0.860	0.150	G	0.87	0.11	R	11.5055	0.0073	0.046	63		11.37	11.59					1 S							G
25250	9.091	0.017	8.503	0.015		0.588	0.015	G	0.66	0.01	H	8.5268	0.0017	0.011	69		8.50	8.54		C			1							
25251	8.890	0.013	8.549	0.013		0.323	0.017	T	0.37	0.02	L	8.5940	0.0023	0.015	95		8.57	8.62					1							S
25252	8.398	0.013	8.351	0.016	*	0.060	0.015	G	0.07	0.01	H *	8.3623	0.0024	0.036	77	*	8.33	8.46	1.84	P 1 A	05240+3238	I 1	2 C A	AB	227	0.230	0.013	0.94	0.18	
25253	8.449	0.011	8.192	0.012	B	0.278	0.014	G	0.32	0.02	H *	7.9050	0.0063	0.047	68	*	7.85	8.06		U 2	05240+2458	I 1	2 C A	BA	192	1.386	0.005	0.15	0.03	S
25254	10.577	0.036	8.990	0.016		1.330	0.031	T	1.29	0.04	L	8.9943	0.0016	0.020	123		8.95	9.03					1							
25255	9.921	0.027	9.799	0.035		0.118	0.041	T	0.13	0.04	L	9.8228	0.0032	0.022	74		9.79	9.86		C			1							G
25256	8.519	0.010	8.076	0.010		0.461	0.015	G	0.53	0.02	H	8.1325	0.0012	0.012	96		8.11	8.16		C			1							S
25257	9.489	0.017	8.492	0.012		0.872	0.015	T	0.88	0.01	L	8.5441	0.0015	0.014	107		8.52	8.57		C			1							
25258	9.930	0.027	9.696	0.032		0.223	0.039	T	0.25	0.04	L	9.7735	0.0037	0.027	117		9.73	9.81					1							
25259	7.707	0.006	7.487	0.006		0.204	0.008	T	0.22	0.01	L	7.5113	0.0012	0.011	125		7.49	7.53		C			1							S
25260	8.603	0.010	8.629	0.013		−0.019	0.015	T	0.00	0.01	L	8.6372	0.0015	0.014	108		8.62	8.66					1							
25261	9.578	0.019	9.144	0.019		0.410	0.025	T	0.48	0.03	L	9.2141	0.0026	0.021	88		9.18	9.26					1							
25262	10.169	0.029	8.316	0.012		1.508	0.002	G	1.54	0.00	H	8.3061	0.0012	0.012	101		8.29	8.33		C			1							
25263	7.707	0.007	7.622	0.008		0.077	0.010	T	0.09	0.01	L	7.6361	0.0017	0.012	102		7.62	7.66					1							S
25264	10.825	0.070	10.019	0.053	A	0.729	0.067	T	0.78	0.05	L	10.1479	0.0123	0.061	65	A	10.11	10.36		D	05242+2208	I 2	1 C P A							G
25265	9.142	0.011	8.020	0.008		0.966	0.011	T	0.95	0.01	L	8.0773	0.0014	0.014	140		8.06	8.10		C			1							S
25266	11.200	0.087	10.358	0.063	B	0.756	0.081	T	0.80	0.06	L	10.7589	0.0201			B				D	05242+2208	I 2	1 C I A							
25267	8.036	0.007	8.011	0.008		0.028	0.010	T	0.04	0.01	L	8.0401	0.0013	0.012	130		8.02	8.06					1 X							S
25268	10.064	0.030	8.557	0.016		1.267	0.027	T	1.23	0.03	L	8.5440	0.0020	0.016	75		8.52	8.57		C	05243+2008	I 1	1 X S							
25269	9.731	0.018	7.838	0.008		1.572	0.016	T	1.59	0.02	L	7.7358	0.0018	0.017	122		7.71	7.76					1							S
25270	8.966	0.012	7.870	0.008		0.948	0.015	G	0.94	0.01	H	7.9279	0.0012	0.009	115		7.91	7.94					1							S
25271	8.630	0.012	8.216	0.012		0.391	0.016	T	0.46	0.02	L	8.2785	0.0015	0.013	84		8.26	8.30					1							S
25272	10.503	0.027	9.285	0.016		1.041	0.024	T	1.01	0.02	L	9.3606	0.0016	0.027	166		9.32	9.42		D			1 X							
25273	9.192	0.010	8.777	0.011		0.380	0.015	G	0.44	0.02	H	8.8450	0.0019	0.020	188		8.81	8.88		C			1							
25274	9.429	0.022	8.868	0.021		0.525	0.027	T	0.60	0.03	L	8.9120	0.0017	0.016	66		8.89	8.93		D			1							
25275	9.803	0.030	9.021	0.024	A	0.580	0.040	G	0.70	0.03	L *	9.0875	0.0016	0.015	68	*	9.06	9.11		D	05243+1423	H 1	2 C D	AB	9	1.050	0.055	3.61	0.33	D
25276	11.849	0.110	11.360	0.116		0.370	0.020	G	0.43	0.02	H	11.5989	0.0045	0.057	149		11.51	11.70					1							G
25277	10.416	0.033	9.177	0.019		1.057	0.030	T	1.02	0.03	L	9.2671	0.0020	0.021	104		9.24	9.30					1							
25278	5.642	0.004	5.062	0.004		0.544	0.004	T	0.62	0.00	L	5.1149	0.0014	0.009	67		5.10	5.14	3.65	P 1 A	05244+1723	I 1	1							S
25279	9.737	0.027	7.877	0.012		1.546	0.023	T	1.61	0.05	L	7.8338	0.0019	0.014	67		7.81	7.86					1							
25280	5.641	0.003	5.644	0.003		−0.001	0.004	T	0.02	0.00	L	5.6519	0.0006	0.005	130		5.64	5.66		C			1							S
25281	3.165	0.011	3.359	0.009	A	−0.240	0.160	G	−0.16	0.02	A *	3.2919	0.0059	0.061	79	*	3.26	3.53	7.99	P 1 A	05245−0223	I 1	2 C A	AB	78	1.695	0.005	1.32	0.02	S
25282	6.293	0.004	5.180	0.003		0.961	0.006	G	0.96	0.04	E	5.2306	0.0005	0.005	91		5.22	5.24		C			1 G							S
25283	10.782	0.041	9.300	0.020		1.248	0.036	T	1.21	0.04	L	9.2454	0.0037	0.029	102		9.18	9.29		U			1							
25284	7.637	0.011	7.681	0.014		−0.036	0.016	T	−0.01	0.02	L	7.6593	0.0082	0.091	99		7.60	7.83	1.57	P 1 A			1							S
25285	9.729	0.026	9.466	0.030		0.250	0.037	T	0.28	0.05	L	9.5622	0.0027	0.020	69		9.53	9.60		C			1							
25286	9.010	0.019	8.552	0.018		0.432	0.024	T	0.50	0.03	L	8.6178	0.0013	0.011	59		8.59	8.64		D	05246+0910	I 1	1 S							S
25287	8.661	0.013	8.526	0.015		0.122	0.018	T	0.14	0.02	L	8.5744	0.0019	0.014	71		8.55	8.60		C			1							
25288	6.128	0.003	6.290	0.003		−0.145	0.008	G	−0.16	0.03	C	6.2697	0.0007	0.007	141		6.26	6.28		C			1							S
25289	10.965	0.043	9.625	0.022		1.147	0.015	G	1.11	0.01	H	9.6663	0.0043	0.039	138		9.61	9.73		U 2			1							
25290	7.919	0.010	6.433	0.005		1.251	0.009	T	1.21	0.01	L	6.4657	0.0010	0.007	77		6.46	6.48		C			1							S
25291	5.967	0.004	5.935	0.004		0.034	0.005	T	0.05	0.00	L	5.9587	0.0008	0.005	78		5.95	5.97		C			1							S
25292	6.895	0.006	5.163	0.002		1.445	0.005	T	1.44	0.01	L	5.1520	0.0010	0.005	89		5.14	5.16			05247+3723	I 1	1							S
25293	6.856	0.005	6.929	0.006	*	−0.048	0.008	G	−0.03	0.01	H *	6.9139	0.0010	0.008	89	*	6.90	6.93		D	05247−0230	I 1	2 C A	AB	242	0.812	0.015	3.13	0.06	S
25294	10.128	0.036	8.923	0.022		1.031	0.033	T	1.00	0.03	L	8.9730	0.0030	0.018	71		8.95	9.00					1							
25295	8.765	0.013	8.691	0.016		0.073	0.019	T	0.08	0.02	L	8.7412	0.0015	0.015	74		8.72	8.77		D			1							
25296	9.054	0.016	8.997	0.021		0.196	0.015	G	0.21	0.02	H	9.0052	0.0022	0.018	82		8.98	9.05		C			1							
25297	8.567	0.014	7.303	0.009		1.077	0.013	T	1.04	0.01	L	7.3582	0.0009	0.007	59		7.35	7.37		C			1							S
25298	6.858	0.005	6.779	0.005		0.066	0.005	G	0.08	0.01	H	6.8140	0.0010	0.009	115		6.79	6.83			05247−5219	I 2	1							S
25299	10.366	0.073	10.158	0.092		0.199	0.110	T	0.22	0.13	L	10.2745	0.0040	0.044	141		10.21	10.35		U 2			1							G
25300	8.261	0.015	7.475	0.013	*	0.714	0.015	T	0.77	0.01	L *	7.4611	0.0016	0.012	100	*	7.44	7.49		D	05247+6323	I 1	2 C A	AB	140	1.008	0.004	0.66	0.02	S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* π/α* π/δ μα*/α* μα*/δ μα*/π μδ/α* μδ/δ μδ/π μδ/μα* (19–28)	Soln F1 % (29)	F2 (30)
25301		05 24 44.80	+36 11 59.9	6.49		H	81.186 670 54	+36.199 967 36		2.18	−0.22	−8.97	0.69	0.41	0.74	0.78	0.42	+12 +27 − 6 +30 +24 + 4 +22 +30 + 5 +19	0	0.23
25302		05 24 44.83	+01 50 47.2	4.89	2	H	81.186 777 04	+01.846 446 11		2.94	0.12	−0.60	0.66	0.40	0.87	0.77	0.43	−11 +27 + 5 +26 −38 + 8 −39 +22 −22 −25	0	−1.49
25303	H	05 24 46.29	−52 18 58.2	6.26		G	81.192 882 89	−52.316 178 28	*	6.11	−5.18	−27.66	0.47	0.52	0.53	0.47	0.57	−11 +12 +10 + 4 −13 + 3 −15 + 8 − 5 −15	2	0.93
25304		05 24 46.68	+32 42 27.9	8.72		H	81.194 480 47	+32.707 737 69		1.45	17.26	−8.95	1.30	0.72	1.42	1.42	0.75	− 8 +46 −19 +22 − 4 − 6 − 8 +43 − 8 + 8	0	0.49
25305	H	05 24 47.25	+64 43 52.5	7.64		G	81.196 867 43	+64.731 262 87	A	2.70	4.97	13.86	1.21	1.26	1.77	1.14	1.35	−25 +18 − 5 + 1 − 2 −14 + 5 +23 −25 −17	0	0.46
25306		05 24 48.01	+24 06 23.1	8.99		H	81.200 031 18	+24.106 425 67		2.57	6.91	−32.64	1.32	0.78	1.41	1.43	0.83	+ 3 +51 −17 + 9 +30 − 9 +18 +45 − 4 +25	3	0.61
25307		05 24 48.25	−52 37 16.3	8.34		H	81.201 029 14	−52.621 201 93		2.67	1.47	−0.11	0.66	0.72	0.77	0.70	0.83	−14 +21 +17 +16 −10 +18 −18 + 5 −20 −19	3	−0.63
25308		05 24 48.53	−42 26 23.8	8.27		H	81.202 198 58	−42.439 934 22		2.87	11.37	7.34	0.62	0.70	0.74	0.64	0.87	−16 + 2 − 7 −19 + 5 +12 + 5 −28 + 5 −20	0	0.13
25309		05 24 48.64	+23 35 14.4	9.62		H	81.202 677 77	+23.587 333 81		6.98	4.41	−25.69	1.45	1.06	1.59	2.07	1.11	+33 +10 −32 +33 +50 −39 +35 +68 −30 +45	2	0.40
25310	H	05 24 48.92	−09 13 47.6	9.36		H	81.203 836 22	−09.229 885 24	A	4.12	1.52	−2.01	2.84	2.18	2.41	2.34	1.81	−30 +28 + 3 +32 −33 +12 −34 +24 −23 −54	1	0.00
25311		05 24 49.65	−17 06 56.3	8.72		H	81.206 887 50	−17.115 637 38		1.99	0.54	−2.09	0.71	0.75	1.16	0.85	0.90	+ 6 +15 −22 −15 −24 − 9 −16 + 8 + 3 −39	1	−0.68
25312		05 24 50.65	+22 58 19.6	9.44		H	81.211 051 20	+22.972 122 17		6.59	30.45	−22.08	1.66	1.19	1.79	2.01	1.27	+39 + 2 −28 +23 +53 −21 +40 +67 −38 +53	0	−1.46
25313	H	05 24 51.04	−58 10 08.3	8.57		H	81.212 647 54	−58.168 958 77	*	3.35	−1.66	−17.50	0.77	0.73	0.79	0.96	0.92	−14 −11 + 1 −13 − 4 +13 − 4 − 4 + 4 −27	0	0.79
25314		05 24 53.24	−04 33 53.2	9.28		H	81.221 836 43	−04.564 766 10		5.57	7.96	−17.33	1.24	0.88	1.66	1.31	1.00	−15 +46 −14 + 7 −11 −12 −25 +21 −30 − 5	0	0.34
25315		05 24 54.96	+53 56 19.5	8.37		H	81.229 020 52	+53.938 756 34		2.99	−0.74	6.46	0.85	0.72	1.12	0.96	0.78	− 1 +29 −16 + 6 + 8 − 9 + 4 − 5 − 2 − 2	0	2.40
25316	H	05 24 55.18	+50 58 53.9	8.28		G	81.229 927 32	+50.981 649 67	A	4.95	37.22	−1.48	1.94	1.35	2.01	1.88	1.28	+ 7 +31 −55 +10 −38 +38 −13 −34 +23 +20	0	0.18
25317		05 24 55.58	−44 13 32.5	6.09		G	81.231 578 87	−44.225 704 85		6.13	−2.00	8.59	0.43	0.48	0.51	0.46	0.58	− 9 + 8 − 4 −14 + 3 + 6 + 3 − 6 − 7 −11	0	−0.11
25318		05 24 56.68	−50 58 35.3	8.21		H	81.236 149 89	−50.976 472 66		15.13	30.92	89.31	0.58	0.63	0.63	0.69	0.71	−18 + 4 − 5 +26 −17 + 8 −18 − 5 − 1 −25	0	1.92
25319		05 24 57.54	−50 29 37.3	8.90		H	81.239 730 27	−50.493 699 30		8.84	7.00	89.67	0.68	0.79	0.81	0.70	0.87	− 2 + 6 +11 − 7 − 4 +17 − 7 + 4 − 5 + 0	0	1.20
25320		05 24 57.94	+37 30 11.1	8.56		H	81.241 412 89	+37.503 096 37		2.03	6.18	−16.79	1.04	0.53	1.09	1.34	0.52	+19 + 9 + 6 +36 + 1 −12 + 6 +11 + 9 +21	0	2.47
25321		05 24 57.97	−34 12 23.6	8.06	1	H	81.241 539 95	−34.206 565 12		26.81	10.71	181.02	0.58	0.66	0.80	0.66	0.92	+ 5 + 9 + 7 − 2 − 7 +11 − 8 − 2 +13 + 0	0	−0.86
25322		05 24 59.43	+73 42 25.9	6.48	1	H	81.247 637 05	+73.707 200 10		2.60	−8.16	−1.00	0.35	0.51	0.62	0.39	0.58	− 4 + 2 + 7 −12 +14 +23 +13 −31 − 9 − 7	0	−2.74
25323		05 24 59.88	+11 07 38.3	8.06		H	81.249 500 58	+11.127 305 15		4.74	4.05	−36.62	1.13	0.71	1.24	1.27	0.81	+25 +39 −16 − 3 +19 − 9 + 2 +45 −15 +52	3	1.46
25324		05 25 00.02	−19 22 26.0	7.01		G	81.250 096 55	−19.373 879 74		5.79	−6.08	−6.52	0.53	0.55	0.88	0.75	0.76	−26 +33 −21 + 0 − 9 + 2 −14 +22 −13 −15	0	0.76
25325		05 25 00.67	+69 13 25.1	7.83		H	81.252 785 16	+69.223 641 37		4.67	19.90	−10.77	0.53	0.68	1.05	0.67	0.89	−16 + 9 + 0 −16 +13 + 3 +10 − 5 −23 −14	2	0.00
25326		05 25 00.89	+09 58 51.8	8.18		H	81.253 714 10	+09.981 060 91		4.09	−5.85	−3.77	1.10	0.84	1.15	1.23	0.94	+34 +38 −13 +25 +55 −10 +35 +70 −17 +59	0	0.71
25327		05 25 01.20	−02 48 55.7	7.34		H	81.255 001 27	−02.815 468 08		2.45	4.73	−0.13	0.74	0.50	0.92	0.81	0.55	+ 9 +34 + 4 + 1 −19 + 3 −24 +10 −24 + 4	0	2.63
25328		05 25 01.24	+61 49 32.5	7.97		H	81.255 156 91	+61.825 691 07		4.05	15.69	−25.05	0.58	0.58	0.87	0.63	0.61	+ 8 +15 − 8 −13 + 6 −17 + 3 −17 −14 +16	1	0.15
25329		05 25 01.74	−10 19 43.8	5.60		G	81.257 259 26	−10.328 845 40		5.13	3.16	−17.09	0.61	0.48	0.81	0.74	0.57	− 9 +19 + 8 +10 −21 −14 −25 + 1 −23 −30	0	1.11
25330		05 25 03.00	−68 00 11.3	8.14		G	81.262 518 52	−68.003 142 62		4.37	−22.33	−38.97	0.63	0.65	0.66	0.71	0.83	−15 +17 − 1 −21 +10 + 5 +10 − 5 −14 −32	0	0.55
25331		05 25 03.14	−57 14 06.9	9.26		H	81.263 074 45	−57.235 248 72		1.25	3.72	−10.81	0.80	0.79	0.85	0.92	0.97	+ 4 + 1 +12 + 7 + 4 − 8 + 4 − 2 − 2 − 7	0	0.49
25332		05 25 04.44	−31 29 05.0	8.81		H	81.268 494 37	−31.484 734 73		2.27	−9.94	2.50	0.69	0.82	0.99	0.83	1.18	− 3 +17 − 9 −18 + 0 + 5 + 0 −13 + 2 +11	0	−0.16
25333		05 25 06.37	−18 43 12.9	8.06		H	81.276 530 39	−18.720 238 77		6.01	33.54	−13.20	0.61	0.66	0.99	0.89	0.90	− 9 +24 −20 − 5 −13 −19 −12 +13 +15 − 6	0	1.05
25334		05 25 07.30	+76 00 07.9	8.79		H	81.280 430 43	+76.002 200 65		6.52	7.24	−25.86	0.59	0.80	0.96	0.67	0.95	−10 +11 + 0 − 4 +10 +12 +11 −16 − 8 +10	1	0.68
25335		05 25 07.80	−02 27 21.0	8.05		H	81.282 490 68	−02.455 836 67		13.21	−5.08	−105.16	1.46	0.97	1.77	1.65	1.08	+10 +26 + 1 −23 −16 +18 −17 − 4 −17 − 4	0	
25336		05 25 07.87	+06 20 59.0	1.64	1	G	81.282 784 16	+06.349 734 51		13.42	−8.75	−13.28	0.94	0.59	0.98	0.99	0.62	+24 +43 −16 + 1 +10 −13 + 2 +57 −16 +35	0	0.47
25337		05 25 10.38	+20 35 01.4	6.75		H	81.293 233 40	+20.583 734 56		1.76	−0.50	−3.26	0.85	0.58	0.92	1.13	0.62	+23 +29 −14 + 9 +36 − 2 +26 +64 −21 +25	0	2.21
25338	H	05 25 10.51	−09 56 27.3	9.04		H	81.293 804 44	−09.940 914 84	A	3.05	−1.40	−1.78	2.28	2.03	2.84	2.52	2.18	−14 +11 −19 + 4 −30 +20 −29 + 3 −22 −33	0	1.81
25339		05 25 11.02	−54 19 04.7	7.16		G	81.295 903 71	−54.317 969 80		6.80	0.86	41.26	0.55	0.53	0.57	0.57	0.60	− 5 − 9 +14 − 8 −15 +10 −18 + 4 + 1 − 6	0	1.29
25340	H	05 25 11.40	+01 55 24.0	7.43		H	81.297 494 97	+01.923 342 94	A	1.84	0.61	−3.42	1.42	0.87	1.63	1.56	0.81	− 9 +21 −10 − 2 −50 +19 −47 − 4 − 6 −16	3	−0.09
25341		05 25 12.38	+34 51 49.1	8.38		G	81.301 591 24	+34.863 628 03		4.62	−6.42	−49.20	1.86	0.83	1.80	1.90	0.84	+11 +56 −21 +59 +18 +24 +25 +42 + 4 +30	0	−0.26
*25342		05 25 13.07	−11 18 44.6	8.59		H	81.304 459 16	−11.312 385 00	A	2.36	6.27	1.99	2.15	1.48	2.36	2.37	1.58	−16 +14 + 9 +25 −26 − 7 −29 + 1 −36 −15	12	0.76
*25343		05 25 12.94	+34 51 18.6	6.55		G	81.303 931 09	+34.855 154 97		7.91	−11.21	−49.36	0.98	0.52	0.95	1.15	0.53	+ 5 +30 −10 +51 +10 − 1 +11 +40 + 4 +12	0	−0.47
25344		05 25 13.67	−52 40 37.0	7.59		H	81.306 968 53	−52.676 936 57		5.59	−0.28	14.79	0.55	0.66	0.64	0.58	0.75	− 9 +11 +14 + 4 −16 + 5 −19 +15 − 9 −12	0	0.03
25345		05 25 16.98	−36 29 43.8	8.11		H	81.320 733 80	−36.495 513 51		2.94	−2.42	−2.71	0.59	0.70	0.79	0.66	0.93	− 7 − 4 −16 − 4 −15 + 9 −16 −13 +18 + 1	0	0.30
25346		05 25 17.29	+55 24 41.0	8.60		H	81.322 052 08	+55.411 389 69		3.92	0.46	−19.99	0.93	0.81	1.22	1.19	0.94	+37 +12 + 6 −10 −19 − 8 −16 − 6 + 2 +22	0	0.72
25347		05 25 18.26	−23 10 15.2	8.45		H	81.326 099 79	−23.170 878 50		2.66	−2.66	3.28	0.55	0.73	1.07	0.73	1.05	− 7 + 4 −27 −34 −32 + 4 −36 + 3 +25 + 5	2	−0.42
25348		05 25 18.36	+45 13 42.9	8.50		H	81.326 488 36	+45.228 589 46		1.05	1.24	−3.69	0.96	0.52	1.08	1.21	0.53	−14 +34 − 3 +14 + 3 + 7 − 3 −10 − 5 −30	2	−0.46
25349		05 25 18.67	−48 55 13.0	9.16		H	81.327 773 14	−48.920 267 10		0.99	8.75	7.78	0.78	0.89	0.91	0.91	1.09	−10 +17 + 2 +15 + 2 +15 + 1 − 3 + 0 −17	0	0.33
25350		05 25 19.10	−34 50 50.8	7.31		H	81.329 595 11	−34.847 457 16		3.75	−1.84	9.60	0.47	0.58	0.67	0.53	0.72	− 2 − 1 −12 + 6 −11 + 0 −14 −12 +22 −15	0	−0.83
25351		05 25 19.28	−75 41 29.9	7.17		G	81.330 327 10	−75.691 650 30		28.14	−104.24	−308.89	0.52	0.41	0.55	0.51	0.55	−13 +30 + 3 −24 + 1 − 7 − 4 − 9 −10 − 6	0	2.07
25352		05 25 19.43	−07 41 47.1	7.81		H	81.330 959 69	−07.696 421 68		2.41	−16.12	11.89	0.79	0.61	0.98	0.84	0.65	− 8 +27 − 2 +24 −30 − 5 −32 +26 −14 −22	0	−0.46
25353		05 25 20.15	−12 33 14.4	6.55		H	81.333 945 40	−12.554 011 95		7.93	−0.50	−32.71	0.74	0.62	0.93	0.72	0.71	−26 +39 −11 +31 −42 −10 −52 +30 −35 −25	0	1.19
25354	H	05 25 20.47	+65 10 54.4	10.42		G	81.335 285 73	+65.181 766 28	A	25.96	−108.91	20.74	1.73	1.87	2.17	1.71	1.91	− 7 +12 − 7 −16 +20 −13 +19 + 1 − 8 −36	1	−0.24
25355		05 25 20.82	−30 36 51.7	9.11		H	81.336 757 99	−30.614 353 59		4.31	31.83	1.45	0.67	0.90	1.15	0.73	1.33	− 3 −12 − 3 +13 − 6 + 4 −10 + 9 +25 − 2	0	−0.26
25356		05 25 20.89	+62 25 08.7	8.79	1	H	81.337 035 40	+62.419 086 86		3.36	7.46	9.19	0.79	0.81	1.15	0.80	0.80	−17 +12 + 8 −33 +20 − 2 +17 −32 −20 − 7	0	1.86
25357		05 25 21.84	+34 10 26.3	8.41	1	H	81.340 997 18	+34.173 962 36		−1.53	−1.44	−2.16	1.21	0.63	1.34	1.41	0.68	+14 +40 − 7 −11 −11 +19 − 7 + 6 +13 +38	0	−0.20
25358		05 25 23.04	−47 05 39.2	8.19		H	81.345 993 70	−47.094 209 32		11.32	0.74	3.20	0.62	0.71	0.74	0.67	0.90	+10 +11 − 6 −15 + 5 + 7 + 8 +16 −12 + 2	0	0.86
25359		05 25 23.83	−44 25 50.0	9.36		H	81.349 307 04	−44.430 542 27		13.91	−42.06	−109.21	0.76	0.80	0.88	0.79	0.99	−14 − 2 + 0 −11 + 2 +13 + 2 −18 −11 −20	0	−0.03
25360		05 25 26.08	−04 43 12.2	9.02		H	81.358 687 18	−04.720 063 42		5.78	3.78	−10.92	1.30	0.87	1.68	1.28	0.95	− 6 +49 + 1 +12 −13 −10 −23 +21 −26 − 9	0	0.87
25361		05 25 27.87	+32 24 42.9	9.73		H	81.366 144 79	+32.411 910 60		11.76	157.24	−181.56	1.73	0.87	1.89	1.67	0.89	+ 6 +57 −17 +22 + 8 − 7 + 2 +45 − 7 +18	0	0.93
25362		05 25 28.58	−41 20 18.6	8.13		H	81.369 102 45	−41.338 503 10		2.73	9.67	32.68	0.64	0.70	0.76	0.66	0.82	− 8 + 4 −12 −11 − 7 +13 − 9 −27 + 7 −14	0	−0.97
25363		05 25 30.00	+34 11 10.9	6.66		H	81.374 994 84	+34.186 361 16		1.18	−1.16	−2.93	0.89	0.46	0.98	0.93	0.49	+17 +48 − 5 −11 −11 +23 − 6 + 0 +16 +45	0	−0.15
25364		05 25 30.74	−14 07 30.9	8.27		H	81.378 081 85	−14.125 236 25		6.54	−3.52	17.25	0.82	0.79	1.15	0.86	0.91	+ 0 +21 −16 + 5 −34 − 1 −41 − 1 −22 −11	0	2.76
25365	H	05 25 31.08	−00 32 38.2	6.55		H	81.379 506 29	−00.543 937 79	*	4.42	−1.69	−2.89	1.30	0.61	0.80	0.95	0.65	+19 + 7 − 6 −22 −53 + 3 −45 −22 − 2 +12	2	−0.30
25366		05 25 33.70	−03 52 59.6	8.93		H	81.390 408 35	−03.883 220 27		8.26	6.80	−27.47	1.11	0.78	1.37	1.41	0.90	−11 +24 − 2 − 1 −23 + 5 −24 +17 −25 −17	0	1.42
25367		05 25 35.31	−05 09 25.1	8.64		H	81.397 112 04	−05.156 971 99		6.20	4.25	−4.44	1.05	0.70	1.33	1.11	0.78	− 3 +42 − 8 +12 −12 −13 −20 + 8 −25 + 8	0	−0.33
25368		05 25 36.50	−01 29 28.7	6.44		H	81.402 071 53	−01.491 292 25		4.12	1.46	−0.54	0.71	0.46	0.94	0.90	0.49	+ 0 +25 −33 −15 −35 +34 −30 +10 −17 +10	0	1.96
25369		05 25 38.44	−69 35 43.9	9.14		H	81.410 179 80	−69.595 518 44		7.24	−14.34	48.62	0.82	0.79	0.85	1.02	0.99	− 7 + 0 − 9 + 4 − 3 + 7 − 3 +17 −22 + 0	0	−0.47
25370	H	05 25 38.50	+38 02 41.1	7.43		H	81.410 407 20	+38.044 760 12	A	−1.54	−14.13	−12.11	2.46	1.21	2.83	2.93	1.14	+ 1 +34 − 9 +24 + 7 +25 +14 − 9 +18 +16	13	1.17
25371		05 25 39.07	−13 07 55.7	7.28		H	81.412 792 44	−13.132 138 47		10.68	−13.42	−69.07	0.73	0.60	0.90	0.71	0.68	−18 +28 − 7 +36 −39 −13 −46 +19 −18 −17	0	0.53
25372		05 25 39.57	+16 38 09.6	8.45		H	81.414 895 29	+16.635 995 87		0.86	−11.44	5.79	1.27	0.83	1.48	1.38	0.88	+ 2 +44 −33 + 0 +44 − 5 +16 +57 −23 +46	0	0.80
25373		05 25 40.80	−09 33 09.4	7.14		H	81.419 981 54	−09.552 617 51		3.78	15.14	−13.35	0.79	0.56	0.94	0.81	0.66	−30 +45 −16 +33 −41 + 2 −47 +26 −26 −32	0	1.25
25374		05 25 41.98	−62 46 44.2	8.19		H	81.424 899 17	−62.778 936 17		4.32	23.56	18.41	0.64	0.62	0.69	0.65	0.69	−10 +18 + 0 −12 +16 −11 +17 −11 − 3 + 6	1	0.42
25375		05 25 42.05	+09 13 42.9	8.18		H	81.425 225 68	+09.228 581 33		1.45	−11.29	−20.81	1.32	0.76	1.39	1.59	0.80	+ 6 +41 + 3 −21 +27 − 7 +12 +52 −15 +10	0	−1.72
25376		05 25 42.48	−53 28 51.2	7.85		H	81.426 999 98	−53.480 902 48		16.80	69.46	72.52	0.57	0.62	0.64	0.65	0.73	− 6 +14 + 6 +14 −10 + 1 −12 + 3 −15 −11	0	−0.08
25377		05 25 44.61	−14 01 53.7	8.09		H	81.435 879 91	−14.031 576 54		4.14	−0.99	−28.35	0.80	0.78	1.11	0.84	0.89	+ 0 +20 − 9 + 7 −37 − 4 −43 − 3 −21 −12	2	−1.56
25378		05 25 47.02	+00 31 12.9	6.18		H	81.445 905 28	+00.520 243 71		2.06	2.33	0.04	0.66	0.43	0.80	0.81	0.48	+ 7 +23 − 9 − 7 −32 − 2 −31 + 9 −17 + 3	0	−0.65
25379		05 25 47.98	+58 54 54.0	8.75		H	81.449 919 84	+58.914 994 28		3.75	10.33	−18.40	0.85	0.78	1.18	0.97	0.79	+19 + 8 − 3 −17 +11 − 6 + 9 −37 − 1 +27	0	1.88
25380		05 25 48.55	+38 33 31.8	9.30		H	81.452 303 46	+38.558 832 88		−0.75	−0.02	−1.98	1.32	0.65	1.51	1.59	0.67	+ 3 +47 −22 +23 − 4 +26 +12 + 7 +21 +30	0	0.67
25381		05 25 49.06	−79 45 45.7	8.68		H	81.454 413 46	−79.762 706 15		4.96	12.39	32.22	0.62	0.62	0.65	0.65	0.79	− 4 +19 − 4 −14 − 3 − 8 + 3 +30 + 1 −18	0	0.80
25382		05 25 50.26	−43 03 43.4	8.27		H	81.459 401 35	−43.062 046 10		4.06	−6.08	−16.49	0.62	0.67	0.74	0.63	0.80	− 4 + 3 − 2 −23 − 2 +14 − 3 −12 +17 + 2	0	−0.51
25383		05 25 50.44	−53 34 58.0	8.07		H	81.460 171 49	−53.582 790 56		2.89	−2.63	49.54	0.61	0.62	0.66	0.68	0.73	+ 2 + 8 + 9 +20 − 7 + 7 −10 + 5 −16 − 4	3	1.15
*25385		05 25 51.68	+21 07 57.2	8.77		H	81.465 314 53	+21.132 553 36		0.61	3.07	−17.22	1.15	0.71	1.24	1.49	0.72	+13 +30 − 4 − 5 +32 − 8 +20 +56 −17 +17	0	1.03
*25386		05 25 51.65	+43 13 56.4	7.90	2	G	81.465 193 87	+43.232 321 28		1.07	−11.46	4.74	0.86	0.47	0.96	0.89	0.44	+ 3 +33 −10 +17 +12 − 4 +11 −11 + 5 + 5	0	0.39
25387	H	05 25 53.08	−35 21 09.8	7.26		H	81.471 170 17	−35.352 731 60	A	4.29	4.12	−30.44	1.23	1.33	1.41	1.20	1.47	+ 1 +16 + 8 +17 − 5 +27 −13 − 8 + 0 −17	4	3.39
25388		05 25 53.29	−06 21 45.5	7.49		H	81.472 038 74	−06.362 627 58		17.20	−132.03	−21.18	0.74	0.55	0.96	0.87	0.65	+ 3 +32 − 5 +25 −14 +14 −18 +23 −20 + 0	0	0.61
25389		05 25 53.62	−65 44 31.9	7.94		G	81.473 412 85	−65.742 201 72		2.46	16.29	−11.31	0.54	0.60	0.62	0.41	0.79	− 2 +14 − 6 −51 +22 − 9 +20 + 1 − 2 +28	0	−0.93
*25390		05 25 53.89	+21 47 09.3	8.72		H	81.474 527 07	+21.785 926 12		1.62	0.56	−3.15	1.34	0.81	1.53	1.50	0.85	+17 +36 − 8 − 1 +39 − 1 +15 +56 −29 +35	0	1.09
*25391		05 25 53.88	−56 36 05.9	7.97		H	81.474 480 52	−56.601 639 03		4.56	−14.61	18.34	0.58	0.62	0.65	0.65	0.73	− 5 − 3 +24 +13 − 6 −15 − 2 + 9 − 5 − 7	0	−1.93
25392		05 25 54.36	+15 27 14.0	7.53		H	81.476 486 64	+15.453 875 66		2.56	1.02	−4.71	0.88	0.64	0.91	1.14	0.69	+31 +25 − 1 +27 +31 − 9 +24 +68 − 9 +38	0	−0.15
25393		05 25 54.91	+61 46 59.0	9.16		H	81.478 780 77	+61.783 063 50		22.37	199.75	12.82	0.81	0.80	1.20	0.91	0.84	+20 +20 − 6 − 9 + 0 −27 − 5 −23 −14 +25	3	2.61
25394		05 25 55.87	−02 20 07.9	8.28	1	H	81.482 812 06	−02.335 518 24		2.13	−1.27	−1.57	0.93	0.57	1.14	1.00	0.65	+ 7 +42 − 4 −15 −16 + 6 −23 + 6 −25 + 1	0	2.53
25395		05 25 58.01	−22 44 27.9	8.44		H	81.491 712 40	−22.741 096 89		2.43	9.74	3.17	0.63	0.85	1.29	0.99	1.30	− 3 + 1 −24 −18 −40 +19 −37 − 1 +14 + 0	0	−1.76
25396		05 25 58.54	−19 41 23.5	7.53		G	81.493 932 07	−19.689 869 92	B	34.90	7.42	−26.32	9.50	10.74	6.98	6.49	7.31	−19 +24 −24 + 1 − 9 +13 −11 + 3 −21 − 4	5	0.48
*25397		05 25 59.82	−19 41 43.3	5.78		G	81.499 262 59	−19.695 352 96	A	23.24	3.43	−19.06	1.14	1.23	1.39	1.26	1.45	−25 +19 −26 + 5 −12 +12 −11 + 2 −18 − 5	5	0.48
*25398		05 25 59.80	−06 57 48.4	8.31		H	81.499 147 07	−06.963 447 32		3.74	12.71	−11.90	1.00	0.69	1.41	0.98	0.77	−19 +53 −21 + 3 −21 +21 −29 + 7 −34 −33	0	0.28
25399		05 26 00.91	−32 12 33.1	6.86		H	81.503 789 09	−32.209 193 94		2.85	8.61	4.13	0.44	0.55	0.67	0.47	0.70	− 3 +11 −13 + 1 + 1 +10 + 4 + 2 +10 − 1	0	1.22
25400		05 26 01.64	+25 45 35.2	8.40		G	81.506 814 26	+25.759 779 78		13.05	−37.43	5.90	1.08	0.69	1.19	1.31	0.75	+11 +25 +10 + 2 + 7 +13 + 2 +42 + 2 +18	0	0.87

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T	σ	V_T	σ		B–V	σ		V–I	σ		Hp	σ	s	N		Max	Min	P		CCDM		Flags	AB	θ	ρ	σ_ρ	ΔHp	σ	Flags
	mag	mag	mag	mag		mag	mag		mag	mag		mag	mag	mag			mag	mag	days						°	″	″	mag	mag	
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
25301	8.647	0.011	6.663	0.005		1.645	0.010	T	1.67	0.01	L	6.5966	0.0010	0.009	96		6.58	6.61					1							S
25302	4.652	0.003	4.855	0.004		−0.200	0.000	G	−0.19	0.02	A	4.8229	0.0048	0.039	136		4.71	4.86		U 2 C			1							S P
25303	6.337	0.004	6.247	0.004	*	0.067	0.004	G	0.08	0.00	H *	6.2832	0.0007	0.006	115	*	6.27	6.30		D	05247−5219	I 2	2 C S A	AS	45	0.119	0.010	0.64	0.45	S
25304	10.241	0.037	8.893	0.021		1.143	0.033	T	1.11	0.03	L	8.8895	0.0022	0.014	71		8.87	8.91		C			1							
25305	8.720	0.012	7.857	0.009	A	0.735	0.015	G	0.78	0.01	H *	7.7708	0.0011	0.013	143	*	7.75	7.80		D	05248+6444	I 1	2 C A	AB	270	1.341	0.005	0.77	0.02	S
25306	11.127	0.070	9.209	0.024		1.592	0.059	T	1.61	0.06	L	9.1051	0.0024	0.014	63		9.08	9.13		C			1							
25307	8.554	0.011	8.349	0.012		0.189	0.016	T	0.21	0.02	L	8.3972	0.0017	0.015	91		8.37	8.42		C			1							S
25308	9.796	0.021	8.393	0.012		1.186	0.019	T	1.15	0.02	L	8.4385	0.0014	0.019	117		8.42	8.47		C			1							
25309	10.344	0.041	9.658	0.037		0.634	0.046	T	0.70	0.04	L	9.7535	0.0026	0.018	65		9.72	9.78		C			1							G
25310	9.613	0.023	9.424	0.028	*	0.181	0.034	T	0.20	0.04	L *	9.4181	0.0027	0.019	87	*	9.39	9.45		D	05248−0914	I 1	2 C A	AB	123	0.438	0.008	1.08	0.04	
25311	9.338	0.015	8.776	0.014		0.520	0.020	G	0.59	0.02	H	8.8295	0.0017	0.018	123		8.80	8.87		C			1							
25312	10.015	0.036	9.475	0.035		0.506	0.045	T	0.58	0.05	L	9.5530	0.0029	0.018	59		9.53	9.59		C			1							G
25313	8.963	0.013	8.629	0.014	*	0.322	0.021	T	0.37	0.03	L *	8.6463	0.0017	0.015	93	*	8.63	8.67		D	05249−5810	I 1	2 C S A	AB	340	0.133	0.008	0.18	0.50	S
25314	9.961	0.026	9.335	0.024		0.582	0.031	T	0.65	0.03	L	9.4076	0.0031	0.017	71		9.38	9.45		C			1							
25315	9.904	0.027	8.505	0.016		1.183	0.025	T	1.14	0.02	L	8.5382	0.0022	0.017	86		8.51	8.57					1							
25316	8.913	0.019	8.323	0.018	*	0.510	0.015	G	0.58	0.02	H *	8.3923	0.0029	0.016	63	*	8.37	8.42			05249+5059	H 1	2 C A	AB	254	0.641	0.044	3.26	0.18	
25317	7.618	0.006	6.215	0.004		1.195	0.006	G	1.16	0.04	E	6.2508	0.0008	0.008	125		6.24	6.26					1							S
25318	8.864	0.011	8.286	0.010		0.543	0.011	T	0.62	0.01	L	8.3280	0.0017	0.013	106		8.31	8.35		C			1							S
25319	9.479	0.017	8.926	0.016		0.524	0.017	T	0.60	0.02	L	9.0122	0.0024	0.021	91		8.97	9.04			05250−5030	I 1	1							
25320	8.545	0.011	8.570	0.014		−0.018	0.016	T	0.00	0.01	L	8.5606	0.0015	0.012	97		8.54	8.58		C			1							
25321	8.967	0.012	8.149	0.009		0.728	0.003	G	0.78	0.00	H	8.2005	0.0022	0.021	116		8.17	8.24		U			1							
25322	8.735	0.008	6.681	0.004		1.738	0.007	T	2.13	0.03	O	6.5525	0.0015	0.020	177		6.52	6.58		U 2			1							S
25323	9.481	0.022	8.189	0.014		1.099	0.020	T	1.06	0.02	L	8.2255	0.0017	0.012	67		8.21	8.24		C			1							S
25324	7.001	0.004	7.012	0.006		−0.014	0.002	G	0.01	0.00	H	7.0145	0.0012	0.010	132		7.00	7.03		C	05250−1922	I 1	1							S
25325	9.945	0.016	8.047	0.007		1.576	0.014	T	1.59	0.01	L	7.9483	0.0016	0.017	190		7.92	7.98					1							
25326	10.283	0.037	8.342	0.014		1.610	0.031	T	1.63	0.03	L	8.2881	0.0020	0.013	69		8.27	8.32		C			1							
25327	7.275	0.005	7.323	0.007		−0.040	0.000	G	−0.02	0.00	H	7.3307	0.0014	0.012	95		7.31	7.35			05250−0249	I 1	1							S
25328	8.050	0.008	7.968	0.009		0.081	0.011	T	0.09	0.01	L	7.9986	0.0014	0.012	132		7.97	8.02					1							S
25329	7.625	0.008	5.772	0.004		1.543	0.001	G	1.55	0.09	H	5.7281	0.0009	0.007	85		5.72	5.74		C			1							S
25330	9.263	0.016	8.247	0.011		0.893	0.015	G	0.90	0.01	H	8.2926	0.0015	0.013	104		8.27	8.31		C			1							
25331	10.850	0.047	9.357	0.022		1.256	0.041	T	1.21	0.04	L	9.4205	0.0019	0.020	107		9.38	9.45		C			1							
25332	10.007	0.022	8.937	0.015		0.927	0.020	T	0.92	0.01	L	8.9671	0.0017	0.017	123		8.94	9.00					1							
25333	9.592	0.016	8.179	0.009		1.194	0.014	T	1.15	0.01	L	8.2243	0.0015	0.015	129		8.20	8.26		C			1							
25334	9.179	0.011	8.819	0.012		0.348	0.015	G	0.41	0.02	H	8.8769	0.0015	0.018	149		8.85	8.92					1							
25335	8.543	0.023	8.065	0.022		0.450	0.029	T	0.52	0.03	L	8.1534	0.0017	0.013	98		8.13	8.18		C			1 X							
25336	1.468	0.012	1.629	0.008		−0.224	0.008	G	−0.22	0.02	A	1.5493	0.0008	0.006	47		1.54	1.57		M	05252+0620	I 1	1							S
25337	7.024	0.006	6.792	0.006		0.221	0.008	T	0.24	0.01	L	6.8220	0.0008	0.006	80		6.81	6.84					1							S
25338	9.155	0.021	9.016	0.027	*	0.134	0.032	T	0.15	0.03	L *	9.0880	0.0019	0.018	91	*	9.05	9.12		D	05252−0956	I 1	2 C A	AB	254	5.213	0.007	0.60	0.02	
25339	7.666	0.008	7.213	0.006		0.417	0.015	G	0.48	0.02	H	7.2522	0.0006	0.006	86		7.24	7.26		D			1							S
25340	7.341	0.007	7.397	0.007	*	−0.048	0.009	T	−0.03	0.01	L *	7.4187	0.0011	0.010	150	*	7.41	7.44		D	05252+0155	I 1	2 C A	AB	321	2.729	0.004	1.12	0.02	S
25341	8.920	0.016	8.394	0.015		0.480	0.015	G	0.55	0.02	H	8.4599	0.0023	0.019	74		8.42	8.49		D	05252+3451	I 2	1 G							
25342	8.691	0.013	8.556	0.015	A	0.130	0.019	T	0.14	0.02	L	8.6357	0.0084	0.015	74	A	8.61	8.68		D	05252−1119	I 1	2 C A	AB	196	10.781	0.004	0.21	0.02	S
25343	7.960	0.011	6.645	0.005		1.101	0.005	G	1.04	0.07	F	6.7041	0.0015	0.008	76		6.69	6.72		D	05252+3451	I 2	1							S
25344	8.783	0.011	7.688	0.008		0.946	0.010	T	0.94	0.01	L	7.7479	0.0012	0.012	105		7.73	7.78					1							S
25345	9.253	0.014	8.207	0.010		0.909	0.013	T	0.91	0.01	L	8.2719	0.0014	0.012	101		8.26	8.30					1							
25346	11.323	0.094	8.876	0.019		2.015	0.077	T	2.05	0.08	L	8.6772	0.0024	0.022	95		8.64	8.71		R			1 S							
25347	8.457	0.006	8.435	0.008		0.020	0.009	T	0.04	0.01	L	8.4673	0.0015	0.021	213		8.44	8.51					1							
25348	8.547	0.011	8.506	0.014		0.043	0.016	T	0.06	0.01	L	8.5230	0.0015	0.012	94		8.50	8.54		C			1							
25349	10.507	0.030	9.244	0.018		1.076	0.027	T	1.04	0.02	L	9.3282	0.0020	0.017	103		9.29	9.36		C			1							
25350	8.369	0.010	7.415	0.007		0.840	0.009	T	0.86	0.01	L	7.4682	0.0012	0.011	141		7.45	7.49					1							S
25351	7.803	0.007	7.231	0.006		0.538	0.004	G	0.61	0.00	H	7.2845	0.0011	0.008	108		7.27	7.30		C			1							S
25352	9.798	0.025	7.973	0.011		1.518	0.022	T	1.55	0.03	L	7.9273	0.0020	0.013	89		7.91	7.95					1							
25353	7.941	0.009	6.665	0.005		1.086	0.008	T	1.05	0.01	L	6.7218	0.0011	0.006	82		6.71	6.73		C			1							S
25354	11.937	0.102	10.499	0.041	A	1.210	0.015	G	1.35	0.03	I *	10.4083	0.0030	0.034	174	*	10.34	10.45		D	05253+6511	H 1	2 C D	AB	238	1.223	0.044	2.61	0.16	G D
25355	10.189	0.023	9.204	0.016		0.863	0.021	T	0.88	0.01	L	9.2636	0.0023	0.024	130		9.22	9.30					1							
25356	9.196	0.013	8.829	0.014		0.348	0.018	T	0.41	0.02	L	8.8706	0.0017	0.015	121		8.84	8.92		U			1							
25357	8.665	0.012	8.493	0.014		0.388	0.015	G	0.45	0.02	H	8.5012	0.0024	0.021	86		8.47	8.54		U			1							
25358	8.792	0.013	8.244	0.012		0.520	0.013	T	0.59	0.01	L	8.2994	0.0018	0.014	98		8.28	8.33					1							S
25359	10.135	0.024	9.433	0.021		0.634	0.024	T	0.70	0.02	L	9.4913	0.0020	0.018	113		9.45	9.52		C			1							
25360	9.486	0.021	9.030	0.021		0.430	0.027	T	0.50	0.03	L	9.1165	0.0021	0.016	71		9.08	9.15		C			1							
25361	10.516	0.055	9.784	0.044		0.614	0.019	G	0.68	0.02	H	9.8647	0.0027	0.017	75		9.83	9.90		C			1							G
25362	9.722	0.020	8.280	0.011		1.216	0.018	T	1.18	0.02	L	8.2961	0.0018	0.016	115		8.27	8.32					1							S
25363	7.459	0.006	6.752	0.006		0.651	0.007	T	0.71	0.01	L	6.7960	0.0007	0.008	86		6.78	6.81		C			1							S
25364	8.763	0.014	8.320	0.014		0.453	0.004	G	0.52	0.00	H	8.3662	0.0019	0.016	83		8.34	8.40					1							S
25365	6.509	0.004	6.556	0.005	*	−0.038	0.005	T	−0.02	0.01	L *	6.5505	0.0006	0.007	100	*	6.54	6.56		D	05255−0033	I 1	2 C A	AB	166	0.243	0.002	0.96	0.04	S
25366	9.391	0.022	8.991	0.022		0.378	0.029	T	0.44	0.03	L	9.0115	0.0021	0.016	66		8.99	9.03		C			1							
25367	9.874	0.022	8.782	0.015		0.944	0.020	T	0.93	0.01	L	8.8038	0.0023	0.016	82		8.78	8.83		C			1							
25368	6.213	0.003	6.402	0.004		−0.162	0.007	G	−0.17	0.03	C	6.3758	0.0009	0.007	89		6.37	6.39		C			1							S
25369	9.778	0.025	9.229	0.023		0.520	0.025	T	0.59	0.03	L	9.2533	0.0023	0.017	84		9.23	9.28		C			1							
25370	7.521	0.008	7.439	0.009	*	0.081	0.011	T	0.09	0.01	L *	7.4685	0.0019	0.016	102	*	7.45	7.49		R	05256+3803	I 1	2 C A	AB	345	8.948	0.003	0.51	0.02	S
25371	7.730	0.008	7.321	0.008		0.407	0.001	G	0.47	0.00	H	7.3689	0.0012	0.009	86		7.36	7.39		C			1							S
25372	10.896	0.077	8.652	0.019		1.895	0.065	T	2.54	0.11	O	8.4732	0.0029	0.020	72		8.44	8.51					1 S							
25373	8.217	0.011	7.233	0.007		0.862	0.010	T	0.87	0.01	L	7.3008	0.0008	0.009	85		7.28	7.31					1							S
25374	9.401	0.016	8.321	0.011		0.934	0.015	T	0.93	0.01	L	8.3530	0.0015	0.015	105		8.34	8.38		C			1							
25375	10.308	0.037	8.396	0.015		1.587	0.032	T	1.61	0.03	L	8.2952	0.0028	0.016	63		8.27	8.32		R	05257+0914	I 1	1 S							
25376	8.439	0.012	7.901	0.011		0.521	0.001	G	0.59	0.00	H	7.9644	0.0015	0.010	93		7.94	7.98					1							S
25377	9.512	0.021	8.209	0.013		1.107	0.019	T	1.07	0.02	L	8.2557	0.0015	0.013	80		8.24	8.28					1							
25378	5.936	0.003	6.128	0.004		−0.178	0.007	G	−0.20	0.03	C	6.1057	0.0007	0.006	96		6.10	6.11		C			1							S
25379	10.434	0.030	8.888	0.015		1.298	0.026	T	1.26	0.03	L	8.9097	0.0024	0.017	113		8.87	8.94					1							
25380	9.307	0.017	9.305	0.022		0.007	0.026	T	0.03	0.02	L	9.3091	0.0018	0.017	101		9.28	9.34		C			1							G
25381	9.374	0.018	8.750	0.016		0.581	0.021	T	0.65	0.02	L	8.8044	0.0016	0.015	124		8.78	8.83		C			1							
25382	8.422	0.010	8.268	0.011		0.140	0.014	T	0.15	0.01	L	8.3203	0.0015	0.017	112		8.29	8.35					1							S
25383	8.192	0.009	8.080	0.011		0.101	0.013	T	0.11	0.01	L	8.1093	0.0012	0.015	97		8.09	8.13					1 S							S
25385	8.940	0.016	8.789	0.018		0.145	0.023	T	0.16	0.02	L	8.8237	0.0019	0.012	64		8.81	8.85		C			1							
25386	10.131	0.027	8.137	0.011		1.724	0.009	G	1.73	0.09	H	8.0001	0.0025	0.023	102		7.95	8.03		U 2			1							
25387	8.043	0.010	7.297	0.009	*	0.682	0.010	T	0.74	0.01	L *	7.3972	0.0011	0.014	147	*	7.38	7.43		D	05259−3521	I 1	2 C A	AB	222	7.419	0.004	0.50	0.02	S
25388	8.167	0.009	7.553	0.008		0.572	0.011	T	0.64	0.01	L	7.6184	0.0011	0.009	91		7.60	7.64		C			1							S
25389	9.817	0.022	8.098	0.010		1.454	0.015	G	1.46	0.02	H	8.0784	0.0014	0.011	107		8.06	8.10					1							
25390	10.526	0.046	8.858	0.020		1.394	0.040	T	1.37	0.05	L	8.8633	0.0024	0.014	62		8.84	8.88		C			1							
25391	9.212	0.015	8.087	0.010		0.969	0.014	T	0.95	0.01	L	8.1315	0.0013	0.013	107		8.11	8.15					1							S
25392	7.541	0.008	7.530	0.010		0.011	0.011	T	0.03	0.01	L	7.5455	0.0014	0.012	75		7.53	7.56		C			1							S
25393	10.476	0.031	9.269	0.018		1.026	0.029	T	1.07	0.04	L	9.2936	0.0023	0.023	131		9.24	9.34					1							
25394	8.173	0.010	8.254	0.012		−0.090	0.015	G	−0.07	0.02	H	8.2561	0.0032	0.027	104		8.22	8.30	0.90	P 1 A			1							S
25395	9.791	0.013	8.543	0.009		1.064	0.012	T	1.03	0.01	L	8.6062	0.0017	0.023	186		8.57	8.65					1							
25396	8.090	0.009	7.509	0.010	B	0.536	0.007	G	0.61	0.01	H	7.6407	0.0339			B				D	05260−1942	I 2	1 C I C							S
25397	6.324	0.004	5.868	0.003	A	0.441	0.007	G	0.51	0.01	H	5.9340	0.0096	0.014	112	A	5.89	5.95		D	05260−1942	I 2	1 C P C							S
25398	8.635	0.012	8.354	0.013		0.260	0.015	G	0.29	0.02	H	8.3760	0.0016	0.012	83		8.35	8.40		C			1							
25399	8.329	0.008	6.989	0.005		1.136	0.007	T	1.10	0.01	L	7.0317	0.0008	0.010	133		7.01	7.04			05260−3213	I 1	1							S
25400	8.993	0.017	8.474	0.016		0.526	0.015	G	0.60	0.02	H	8.5136	0.0016	0.012	63		8.50	8.54		C			1							

Number HIP		Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag			Position: epoch J1991.25 α (ICRS) deg	δ deg		Par. π mas	Proper Motion μα* mas/yr	μδ	Standard Errors α* mas	δ	π mas	μα* mas/yr	μδ	Astrometric Correlations (%) δ α*	π α*	π δ	μα* α*	μα* δ	μα* π	μδ α*	μδ δ	μδ π	μδ μα*	Soln F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
25401		05 26 02.36	−05 31 06.6	6.24		H	81.509 833 78	−05.518 504 19		4.89	7.48	1.11	0.62	0.45	0.79	0.67	0.50	+ 2	+39	− 1	+23	−14	− 3	−19	+19	−17	− 3	0	−0.58
25402		05 26 02.69	+15 40 18.5	7.54		H	81.511 193 35	+15.671 796 96		4.14	0.98	−6.49	0.88	0.60	0.97	1.15	0.67	+26	+34	−10	+15	+31	−20	+19	+63	−17	+39	0	−1.79
25403	H	05 26 02.96	+46 10 53.2	9.92		H	81.512 328 44	+46.181 439 65	A	2.34	13.83	−6.76	2.43	1.54	2.27	3.07	1.37	−29	+17	− 9	−16	+29	− 2	+21	−48	+ 0	−38	0	0.39
25404		05 26 04.19	−10 45 27.9	7.28		H	81.517 478 32	−10.757 744 96		4.54	−10.09	−0.40	0.66	0.56	0.91	0.75	0.65	+ 0	+19	+ 0	+15	−20	−14	−23	+16	−19	−14	2	2.52
25405		05 26 04.20	−09 05 31.5	8.15		H	81.517 501 17	−09.092 076 98		10.30	93.53	78.10	0.80	0.65	1.05	0.82	0.69	−20	+32	+15	+33	−44	−17	−44	+25	−13	−27	0	2.48
25406		05 26 04.27	−58 33 41.2	7.46		H	81.517 811 92	−58.561 449 46		7.64	15.31	2.16	0.63	0.57	0.63	0.77	0.70	− 3	−15	+ 4	−19	− 7	+ 5	− 4	+ 0	−10	−11	5	−0.18
25407		05 26 04.68	−12 54 17.3	7.15		H	81.519 501 97	−12.904 792 82		2.91	3.44	5.50	0.70	0.62	0.90	0.73	0.72	−19	+27	− 8	+31	−34	−11	−42	+20	−24	−21	0	0.60
25408		05 26 05.24	−30 40 23.1	8.80		H	81.521 835 14	−30.673 096 96		6.93	41.68	34.84	0.65	0.90	1.02	0.70	1.34	+17	+11	− 3	+11	+ 5	+ 2	+ 3	+31	+ 0	+21	1	−1.17
25409		05 26 05.39	+22 49 33.8	10.09		H	81.522 469 81	+22.826 062 25	A	0.91	−15.38	−27.80	7.53	4.96	6.51	8.85	4.64	+11	+13	−19	+ 8	+44	−25	+27	+53	−38	+24	1	0.42
25410		05 26 05.72	+16 42 00.6	6.23		H	81.523 843 42	+16.700 173 05		4.98	0.35	−5.07	0.91	0.62	1.07	0.87	0.64	− 2	+55	−38	+ 6	+56	− 6	+19	+65	−25	+57	0	1.22
25411		05 26 06.00	+00 50 02.4	8.31		G	81.524 984 87	+00.833 993 71		2.63	2.45	−2.05	1.03	0.60	1.26	1.13	0.61	−10	+37	−18	+ 5	−43	+16	−40	+10	−15	− 4	2	−0.96
25412		05 26 06.18	−86 23 18.0	10.04	3	H	81.525 761 56	−86.388 341 10	*	3.28	0.03	32.05	0.90	1.09	1.23	1.02	1.36	− 6	+ 1	−26	+ 0	− 3	−13	− 8	+ 2	+10	−22	3	0.15
25413		05 26 06.74	+22 49 18.6	10.27	2	H	81.528 086 26	+22.821 825 09	B	2.19	−17.95	−24.61	19.61	11.46	9.97	13.86	6.81	+ 4	+18	−16	− 5	+43	−26	+23	+42	−37	+24	1	0.42
25414		05 26 07.41	+61 14 31.6	8.35		H	81.530 864 07	+61.242 116 42		20.64	94.82	−256.28	0.66	0.63	1.08	0.82	0.81	+ 0	+34	−18	−13	+ 2	−34	− 6	−12	− 8	+23	1	0.45
25415		05 26 09.80	−15 28 07.4	8.40		H	81.540 845 75	−15.468 724 36		0.86	−4.71	−2.26	0.91	0.86	1.15	0.82	0.93	−23	+35	−20	+27	−40	+ 2	−43	+20	− 3	−28	0	0.56
25416		05 26 10.78	+78 24 52.4	6.68		H	81.544 901 64	+78.414 550 12		7.75	9.62	5.35	0.44	0.53	0.66	0.48	0.65	− 2	+28	− 8	+ 8	+ 4	+ 1	+ 6	+ 4	+ 7	+12	0	−0.59
25417		05 26 11.82	+03 08 09.6	9.68		H	81.549 247 33	+03.135 988 15		2.35	−4.95	−10.22	1.36	0.80	1.77	1.67	0.84	− 1	+29	− 5	+ 8	−45	+17	−42	+ 6	−17	−12	3	0.20
25418		05 26 11.89	+30 14 40.5	9.65		H	81.549 562 25	+30.244 590 18		2.84	9.63	−14.24	1.49	0.90	1.70	1.56	0.88	+ 8	+41	−26	+ 2	+29	+ 4	+16	+32	−12	+41	7	0.03
25419		05 26 14.02	+16 41 54.1	9.42		H	81.558 402 26	+16.698 363 62		10.40	19.46	−28.06	1.88	1.19	2.24	1.92	1.23	−16	+53	−41	− 5	+44	− 6	+ 3	+62	−32	+41	0	0.91
25420		05 26 14.52	+46 49 08.7	8.15		H	81.560 509 76	+46.819 070 98		4.85	15.55	−25.62	1.13	0.66	1.28	1.48	0.71	+ 3	+41	− 6	+17	− 8	+16	− 8	− 7	− 3	− 3	0	−1.08
25421		05 26 14.57	−32 30 16.4	7.70		H	81.560 700 96	−32.504 543 89		55.76	246.73	−90.72	0.51	0.64	0.76	0.54	0.79	−15	+15	− 9	+ 5	− 9	+ 1	− 8	+ 4	+13	−13	0	1.17
25422		05 26 14.61	+29 59 12.0	8.09		G	81.560 873 54	+29.986 665 68		4.53	0.52	−1.28	0.96	0.63	1.11	1.04	0.64	+24	+30	−25	+16	+30	+17	+24	+46	−14	+47	0	0.90
25423		05 26 14.82	−56 38 42.1	9.46		H	81.561 768 65	−56.645 040 40		2.18	5.98	29.99	0.74	0.80	0.83	0.85	0.97	− 3	+ 0	+21	− 2	− 7	−17	− 5	− 8	− 2	−12	0	−0.40
25424		05 26 14.84	+02 57 27.5	8.63		H	81.561 853 84	+02.957 626 17		6.34	−2.22	−5.82	1.22	0.68	1.61	1.41	0.68	+ 1	+32	+ 2	+ 6	−54	+12	−51	+ 4	−21	−12	2	0.44
25425		05 26 15.24	−59 11 32.7	8.81		H	81.563 519 13	−59.192 424 39		9.29	−11.58	−47.37	0.76	0.83	0.81	0.99	1.03	+10	−12	+14	−24	−28	−10	−21	− 8	−16	+27	0	−0.61
25426		05 26 16.01	−12 52 25.9	9.07		H	81.566 725 49	−12.873 870 85		3.32	0.45	−1.22	0.85	0.72	1.07	0.92	0.85	−12	+32	− 7	+24	−28	− 9	−35	+ 9	−22	−17	0	0.74
25427		05 26 16.30	−03 04 33.9	8.99		H	81.567 900 05	−03.076 080 65		3.13	0.74	−0.07	0.99	0.67	1.24	1.13	0.78	+14	+34	+ 0	−19	−17	− 3	−25	+10	−29	+17	0	0.76
25428		05 26 17.50	+28 36 28.3	1.65		G	81.572 908 04	+28.607 873 46		24.89	23.28	−174.22	0.80	0.52	0.88	1.03	0.57	+10	+23	−15	+14	+20	+24	+18	+33	+ 1	+30	3	0.41
25429		05 26 19.28	−58 54 45.4	5.14		H	81.580 320 66	−58.912 598 71		6.98	−8.22	32.22	0.52	0.47	0.51	0.61	0.57	− 5	−17	+ 3	−16	−12	+10	−10	− 1	+ 1	−20	2	1.41
25430		05 26 20.04	+00 47 56.7	9.85		G	81.583 514 32	+00.799 093 08		−0.59	−6.13	−7.49	2.24	1.23	2.63	2.37	1.26	−11	+45	−14	− 1	−52	+ 6	−51	+10	−22	− 6	2	1.32
25431		05 26 21.61	−13 56 21.3	8.30		G	81.590 027 57	−13.939 246 20		8.65	−19.21	−21.32	0.82	0.82	1.10	0.85	0.95	+ 0	+19	−15	+20	−39	− 7	−45	− 8	− 7	+ 1	0	0.53
25432		05 26 22.39	+00 47 53.2	8.31		G	81.593 275 74	+00.798 107 60		4.08	−5.10	−8.27	1.22	0.67	1.45	1.28	0.69	− 8	+42	−15	+ 2	−50	+ 8	−50	+11	−23	− 6	2	−1.70
25433		05 26 22.58	+09 00 00.0	7.71		H	81.594 079 84	+08.999 991 54		5.64	−20.74	−6.66	1.45	0.73	1.25	1.44	0.99	+32	+51	+10	+12	+40	+12	+44	+65	+13	+27	0	−1.61
25434		05 26 22.95	−43 22 36.4	9.05		H	81.595 635 19	−43.376 771 41	B	14.72	30.48	−0.03	6.03	6.63	4.41	4.78	5.98	− 4	−10	+ 2	−14	− 6	+14	− 7	− 9	+ 4	+17	16	2.78
25435		05 26 23.04	+03 51 23.4	7.65		G	81.595 984 86	+03.856 506 07		15.96	51.23	36.89	0.95	0.56	1.15	1.01	0.56	− 6	+43	−23	+ 8	−27	+ 4	−28	+24	−19	+ 5	2	0.89
25436		05 26 24.00	−43 22 32.8	8.24		H	81.600 000 97	−43.375 785 34	A	12.22	21.49	13.26	2.33	2.45	1.97	2.35	2.75	− 3	−10	− 1	−16	−10	+17	−10	−15	+ 6	+14	16	2.78
25437	H	05 26 24.10	−20 42 55.1	7.60		H	81.600 415 70	−20.715 293 22	A	8.85	−2.95	19.07	0.99	1.01	1.45	1.48	1.15	− 6	+ 6	−40	−27	−22	+47	− 4	−11	+18	+12	1	−0.81
25438		05 26 24.65	+58 37 53.6	10.17		H	81.602 721 29	+58.631 566 40		5.40	4.31	−38.75	1.34	1.09	1.74	1.55	1.20	+10	+10	−16	+ 2	+26	−20	+27	−18	+ 3	+29	0	1.06
25439		05 26 24.86	+39 38 47.6	8.23		H	81.603 586 36	+39.646 559 14		2.14	−1.41	−4.42	1.07	0.50	1.17	1.01	0.48	+ 5	+56	− 7	+26	+ 7	+13	+13	+ 0	+10	+21	0	−1.02
25440		05 26 26.20	−14 02 56.8	7.75		G	81.609 173 84	−14.049 123 19		12.18	55.62	−34.80	0.81	0.81	1.13	0.81	0.91	+ 4	+23	−18	+17	−40	− 6	−50	−14	−15	− 4	0	0.59
25441		05 26 28.63	−63 11 00.2	9.18		H	81.619 289 15	−63.183 382 44		22.25	−5.42	82.01	0.80	0.83	0.86	0.90	1.04	−16	−12	+13	+ 3	+19	− 9	+25	−18	−18	− 4	0	−2.19
25442		05 26 28.86	−05 38 44.5	8.70		G	81.620 269 39	−05.645 682 09		2.75	11.27	−0.91	0.93	0.68	1.18	1.00	0.72	+ 8	+36	− 6	+13	−18	+ 1	−17	+15	− 6	+11	0	−0.99
25443	H	05 26 31.22	+02 56 09.3	6.52		G	81.630 077 17	+02.935 921 03	A	6.41	−1.89	−5.85	1.34	0.81	1.52	1.59	0.75	+ 4	+21	− 3	−15	−46	+20	−41	−11	−12	− 5	4	0.68
25444		05 26 31.35	+56 37 54.4	9.34		H	81.630 634 88	+56.631 774 74		3.56	0.02	−22.59	0.98	0.85	1.45	1.14	0.89	+27	+ 6	−30	−25	− 5	−19	−11	−38	+18	+19	0	−0.20
25445		05 26 32.18	+08 15 19.2	8.45		H	81.634 066 90	+08.255 329 39		1.48	−4.25	−1.47	1.09	0.74	1.17	1.24	0.76	+19	+24	+ 6	− 6	+36	+15	+20	+58	− 9	+34	0	−0.08
25446		05 26 32.92	+17 45 27.5	9.72		H	81.637 146 94	+17.757 633 51		1.91	5.58	−13.64	1.67	1.11	1.82	2.24	1.18	+13	+35	−13	+14	+25	−11	+15	+66	−11	+22	0	0.92
25447		05 26 33.04	+71 11 34.8	8.84		H	81.637 662 84	+71.192 991 31		4.80	−0.45	−9.52	0.50	0.78	1.02	0.54	1.03	−12	+23	−23	+ 6	− 5	+ 9	− 1	+ 1	+ 8	+ 0	2	−1.51
25448		05 26 34.88	−68 52 07.3	10.48	2	H	81.645 339 02	−68.868 706 06		2.33	3.58	−1.65	1.22	1.13	1.24	1.48	1.42	+ 3	+ 9	+15	−31	− 7	+20	− 8	−12	−22	−18	0	0.76
25449		05 26 37.17	−54 00 12.0	8.54		H	81.654 885 69	−54.003 323 82		12.71	−51.74	−57.56	0.68	0.68	0.73	0.72	0.76	− 2	− 2	+ 6	− 7	−14	+13	−15	+ 3	− 8	−12	0	−0.35
25450		05 26 37.46	+26 59 55.5	9.66		H	81.656 063 13	+26.998 753 30		8.65	−14.23	−26.00	1.49	0.85	1.79	1.82	0.89	− 7	+40	−30	+12	+ 5	+32	+ 8	+32	+ 5	+29	0	1.36
25451		05 26 38.51	−73 39 55.5	7.36		H	81.660 453 65	−73.665 421 07		6.22	45.62	80.42	0.62	0.52	0.57	0.68	0.67	− 3	+ 8	− 5	−41	+ 1	+ 1	+ 3	+ 7	− 9	− 9	0	1.39
25452		05 26 38.58	−70 03 49.3	8.05		G	81.660 745 76	−70.063 688 99		3.32	−14.01	40.89	0.62	0.64	0.68	0.62	0.75	− 9	+12	−11	− 7	−10	+ 4	−13	+19	−19	− 8	1	0.75
25453		05 26 38.82	+06 52 07.5	6.41		H	81.661 767 34	+06.868 736 94		10.68	9.64	−32.53	0.82	0.54	0.88	0.99	0.60	+21	+33	− 1	+ 8	+ 7	+ 2	+ 6	+46	− 7	+20	0	1.79
25454		05 26 39.21	−13 51 34.3	7.12		H	81.663 359 82	−13.859 526 13		5.45	−13.52	7.17	0.69	0.63	0.88	0.71	0.75	− 3	+19	−10	+28	−40	− 9	−47	− 6	−13	− 4	0	−0.67
25455		05 26 39.54	−37 18 30.5	9.23		H	81.664 733 42	−37.308 468 38		1.59	2.14	−0.89	0.66	0.80	0.89	0.70	0.94	− 1	− 2	− 1	− 8	−10	+15	−11	− 9	+ 4	− 6	0	−0.60
25456		05 26 39.91	+50 16 43.8	8.81		H	81.666 272 71	+50.278 844 36		4.82	−11.01	0.78	1.27	0.67	1.50	1.09	0.68	+ 4	+61	+12	+21	−15	− 5	−26	− 1	−23	− 8	0	0.36
25457		05 26 41.12	−05 09 24.2	9.98		G	81.671 314 82	−05.156 733 96		6.14	2.29	−3.38	5.12	3.70	6.14	5.64	4.01	−10	+34	−23	− 8	−18	+ 7	−12	− 6	+ 7	−12	0	
*25458		05 26 41.44	−24 22 15.7	8.45		H	81.672 663 67	−24.371 025 13		2.71	6.94	22.32	0.47	0.74	1.06	0.56	1.01	− 8	+ 7	−18	− 7	− 8	+ 2	− 8	+ 2	+ 6	−14	0	1.27
*25459		05 26 41.43	−64 19 27.9	7.48		H	81.672 636 82	−64.324 405 26		4.10	11.30	25.36	0.49	0.52	0.53	0.54	0.60	− 3	+22	− 3	−10	− 2	−10	− 2	− 6	+ 0	−10	0	0.54
25460		05 26 42.14	−04 11 31.9	9.67		H	81.675 564 44	−04.192 183 22		0.86	4.66	−3.01	1.35	0.92	1.69	1.67	1.07	−20	+34	− 1	+12	−15	+ 0	−21	+17	−28	−27	0	0.64
25461		05 26 42.64	−45 02 59.3	8.21		H	81.677 654 56	−45.049 801 32		19.11	−16.72	61.93	0.63	0.69	0.75	0.73	0.86	− 2	+21	− 1	+ 2	−11	+ 6	−14	+13	−20	− 6	0	0.74
25462		05 26 43.57	−15 45 47.7	8.26		H	81.681 525 17	−15.763 257 99		2.63	−5.04	−0.05	0.77	0.84	1.00	0.71	0.90	+12	+ 5	−17	+ 7	−43	− 5	−53	−19	+12	−16	0	0.65
25463		05 26 43.77	+25 00 42.1	8.38		H	81.682 386 02	+25.011 692 97		5.89	1.53	−4.97	1.05	0.63	1.11	1.20	0.66	+21	+37	− 4	+17	+33	− 4	+24	+51	− 7	+33	0	1.36
25464	H	05 26 44.75	+38 57 26.1	8.34		G	81.686 469 38	+38.957 253 06	A	2.15	7.83	−17.76	3.18	1.55	2.16	2.21	1.01	+30	+19	−27	+10	− 9	+19	+ 4	−21	+28	+28	1	−0.05
25465		05 26 44.84	−36 35 05.6	7.21		G	81.686 814 26	−36.584 889 54		5.51	−6.42	14.80	0.48	0.49	0.60	0.54	0.60	− 5	+ 4	−18	+ 0	−11	+15	−11	+ 8	− 4	+ 1	1	−0.30
25466	H	05 26 44.96	−64 36 17.6	8.38		H	81.687 330 42	−64.604 875 67	*	5.46	21.61	−49.50	0.65	0.67	0.69	0.74	0.78	− 4	+16	+ 4	− 5	+ 1	+ 3	+ 0	− 2	− 7	−15	0	1.58
25467		05 26 45.85	+04 03 22.1	8.69		H	81.691 053 71	+04.056 143 26		1.70	−3.02	−6.92	1.32	0.68	1.58	1.24	0.67	−25	+62	−37	+14	−30	+13	−38	+33	−33	− 9	0	1.45
25468		05 26 46.99	+70 13 41.7	7.16		H	81.695 806 18	+70.228 260 46		3.82	6.07	−28.98	0.33	0.53	0.76	0.34	0.69	− 4	+ 3	+ 1	−19	+10	+ 8	+12	−14	−16	+ 0	0	−0.10
25469		05 26 48.11	+02 04 05.9	8.51		G	81.700 443 28	+02.068 293 50		5.28	−1.84	−0.47	0.92	0.56	1.20	1.12	0.57	− 6	+19	+10	+11	−48	− 2	−43	+11	−11	−20	0	−1.00
25470		05 26 48.30	+13 34 55.9	7.53		H	81.701 233 44	+13.582 202 02		2.40	3.70	−5.31	0.93	0.65	1.07	1.03	0.70	+26	+50	−20	+16	+48	−31	+23	+72	−24	+50	0	0.20
25471		05 26 48.80	+34 23 30.6	5.92		H	81.703 347 09	+34.391 827 74		2.53	−0.22	−7.33	0.84	0.45	0.93	1.02	0.48	+17	+47	− 7	+ 6	−24	+21	− 6	−14	+21	+33	0	−0.08
25472		05 26 49.79	−81 35 08.0	8.27	2	T	81.707 440 51	−81.585 551 10		5.93	−15.39	89.70	0.58	0.58	0.63	0.60	0.72	− 4	+21	− 1	+17	− 2	− 3	− 5	+30	−17	− 7	0	−1.11
25473	H	05 26 50.23	+03 05 44.4	4.59	1	G	81.709 284 05	+03.095 677 18	A	2.30	0.34	−1.11	0.74	0.45	0.85	0.87	0.42	+ 1	+40	− 2	−15	−43	+15	−40	− 7	−23	−13	2	0.67
25474		05 26 51.14	+57 28 13.9	8.10		H	81.713 084 46	+57.470 524 81		4.65	−6.62	−6.76	0.74	0.63	0.97	0.85	0.66	+23	+12	+ 3	−15	+21	−13	+17	−31	−10	+28	0	1.29
25475		05 26 51.28	+33 15 44.2	6.18		H	81.713 647 99	+33.262 287 74		9.48	9.85	−12.08	0.78	0.40	0.86	0.72	0.40	+10	+55	− 7	+10	+ 4	+ 3	+11	+10	+12	+31	0	0.51
*25476		05 26 54.33	+35 27 26.3	6.17		H	81.726 366 68	+35.457 301 60		5.06	−14.54	−11.99	0.71	0.40	0.75	0.78	0.40	+11	+34	− 4	+34	+15	+ 3	+16	+25	+ 5	+19	0	−1.50
*25477		05 26 54.28	+03 36 52.8	7.20		G	81.726 148 92	+03.614 673 59		2.24	0.27	−0.13	0.98	0.50	1.25	0.97	0.47	−25	+57	−33	+22	−44	+30	−43	+31	−30	−15	2	1.40
25478		05 26 57.90	−16 19 52.4	8.15		G	81.741 252 14	−16.331 222 36		1.72	0.93	−0.02	0.82	0.85	1.00	0.74	0.89	+28	+12	−20	−13	−36	+ 4	−43	−34	+ 9	+ 7	0	2.57
25479		05 26 58.51	−04 17 56.9	8.37		H	81.743 792 51	−04.299 140 15		3.45	8.27	0.46	1.15	0.73	1.43	1.32	0.88	−15	+42	+ 4	+13	−11	+13	−26	− 4	−39	−34	4	1.26
25480		05 26 59.16	−02 21 38.3	6.62		G	81.746 513 37	−02.360 646 46		3.29	1.15	−0.81	0.71	0.45	0.89	0.75	0.51	+14	+41	− 3	− 6	−13	+ 5	−20	+13	−23	+14	0	2.53
25481		05 26 59.20	+08 04 40.9	8.03		H	81.746 649 50	+08.078 036 00		3.75	13.58	3.64	1.08	0.71	1.14	1.24	0.77	+16	+10	−10	−17	+34	+14	+22	+51	−16	+32	0	−0.72
25482	H	05 26 59.82	−68 37 21.0	6.02		G	81.749 252 31	−68.622 495 71	A	13.16	−10.85	−19.76	1.17	0.97	0.85	1.09	1.00	−14	+15	+ 8	−24	− 7	+ 7	− 8	− 8	−11	−41	1	1.67
25483		05 26 59.99	+07 10 13.3	7.03		H	81.749 957 16	+07.170 364 81		10.94	8.53	−32.79	0.87	0.58	0.87	1.04	0.66	+34	+27	− 7	− 7	+ 7	+ 1	+ 1	+41	− 7	+45	0	0.87
25484	H	05 27 01.32	+27 36 36.9	7.87		H	81.755 485 88	+27.610 263 62	B	5.20	30.63	−14.40	2.73	1.31	2.88	2.96	1.13	− 7	− 6	−25	−11	+ 0	+38	− 7	+43	+ 3	+27	0	−0.15
25485	H	05 27 02.80	+34 46 08.9	8.38	1	H	81.761 668 86	+34.769 130 13	A	1.84	−5.21	−5.03	2.46	1.23	2.30	2.80	1.12	+ 2	+22	−16	+13	− 7	+11	− 4	− 2	+13	+26	5	−0.11
*25486		05 27 04.75	−11 54 03.0	6.30	1	H	81.769 803 76	−11.900 843 79		37.26	17.19	−49.30	0.63	0.52	0.84	0.69	0.64	−23	+23	+ 4	+30	−30	−12	−37	+17	−29	−33	0	0.93
*25487		05 27 04.74	+62 57 36.5	9.00		H	81.769 732 97	+62.960 136 75		4.35	1.34	−24.78	0.85	0.91	1.26	0.86	0.94	−12	+18	−15	−38	+14	− 1	+13	−33	− 8	−14	0	−1.21
25488		05 27 05.32	−40 56 37.6	5.86		G	81.772 158 41	−40.943 773 28		10.52	3.27	108.48	0.47	0.46	0.55	0.49	0.57	+ 9	+ 6	− 8	+ 5	−10	+ 4	− 7	−10	− 5	+11	0	−0.37
25489		05 27 06.36	−44 51 43.7	6.81		H	81.776 486 90	−44.862 132 26		3.27	10.57	29.18	0.51	0.54	0.62	0.58	0.68	+ 0	+15	− 6	+ 0	− 4	+10	− 7	+13	−25	− 5	1	0.49
25490		05 27 06.69	−31 33 58.6	7.18		H	81.777 893 98	−31.566 264 67		17.08	−57.22	38.32	0.50	0.59	0.73	0.58	0.75	− 7	+11	−14	−14	− 2	+10	− 1	+18	+ 8	− 2	0	−0.19
25491		05 27 07.48	+26 35 02.7	9.18		H	81.781 155 86	+26.584 072 12		−0.72	−4.77	−4.60	1.29	0.76	1.42	1.50	0.79	+ 1	+37	−10	+12	+ 4	+15	+ 2	+40	+ 1	+17	4	0.98
25492		05 27 08.27	+30 12 31.0	5.69		H	81.784 469 99	+30.208 614 12		1.41	0.27	−4.54	0.76	0.49	0.83	0.80	0.50	+23	+29	−12	+ 5	+41	+20	+29	+38	− 7	+54	0	0.29
25493		05 27 08.30	+03 51 20.0	6.74		G	81.784 594 86	+03.855 549 23		3.08	0.04	−0.75	0.77	0.43	0.94	0.80	0.42	− 9	+46	−20	+ 9	−34	+ 6	−31	+21	−12	+ 0	2	2.42
25494	H	05 27 09.32	+31 45 57.3	9.58		H	81.788 812 92	+31.765 904 89	*	2.22	6.82	−11.47	1.41	0.72	1.57	1.64	0.76	+ 8	+48	− 8	+ 8	+ 0	−12	+ 2	+20	+ 4	+23	0	−0.21
25495	H	05 27 09.35	+73 30 41.8	8.08		H	81.788 952 21	+73.511 618 47	*	3.04	−7.26	−1.95	0.41	0.63	0.76	0.46	0.75	+ 0	− 2	+ 7	− 9	+ 7	+16	+ 6	−24	− 4	− 3	0	0.05
25496		05 27 09.37	−01 22 02.4	7.21		G	81.789 052 83	−01.367 346 02		3.00	2.93	−1.98	1.07	0.77	1.33	1.27	0.86	+15	+25	−14	−10	−27	+19	−23	− 3	− 5	+10	0	
25497		05 27 10.02	−16 31 24.5	7.35		G	81.791 764 28	−16.523 464 23		15.58	−17.44	−121.88	0.65	0.72	0.90	0.59	0.81	+ 9	+21	−17	+ 2	−32	− 5	−41	−11	− 4	+ 0	0	−0.55
25498		05 27 10.05	+24 12 43.9	9.26		H	81.791 875 69	+24.212 194 41		5.29	−4.35	−9.86	1.51	1.02	1.69	1.80	1.05	+22	+24	−37	+32	+50	−25	+28	+68	−34	+52	0	0.42
25499		05 27 10.09	+17 57 44.2	5.40		H	81.792 036 49	+17.962 267 66		4.88	7.88	−21.06	0.88	0.57	0.95	1.14	0.61	+21	+31	−15	+16	+22	− 4	+15	+56	−10	+33	0	−1.53
25500		05 27 10.22	+29 55 15.8	7.48	2	H	81.792 575 11	+29.921 061 35		1.06	1.27	−3.26	0.93	0.54	1.01	0.93	0.55	+12	+46	−12	+ 7	+35	+17	+22	+37	− 2	+47	0	3.33

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
25401	6.175	0.003	6.231	0.003		−0.047	0.001	G	−0.03	0.03	C	6.2321	0.0007	0.005	97		6.22	6.24		C			1							S
25402	7.557	0.008	7.548	0.010		0.009	0.011	T	0.03	0.01	L	7.5488	0.0010	0.007	73		7.54	7.56		C			1							S
25403	11.719	0.111	10.017	0.038	A						T *	10.0884	0.0027	0.021	80	*	10.06	10.12		C	05261+4611	H 1	2 C D	AB	165	5.162	0.064	3.48	0.28	G D
25404	7.199	0.006	7.263	0.008		−0.070	0.002	G	−0.05	0.00	H	7.2669	0.0012	0.011	78		7.25	7.30					1							S
25405	8.756	0.013	8.206	0.012		0.523	0.015	G	0.60	0.02	H	8.2619	0.0016	0.015	90		8.24	8.29					1							S
25406	7.616	0.007	7.471	0.008		0.132	0.010	T	0.15	0.01	L	7.5110	0.0011	0.009	88		7.50	7.53		C			1							S
25407	8.847	0.013	7.291	0.007		1.306	0.012	T	1.27	0.01	L	7.3053	0.0011	0.009	77		7.29	7.32		C			1							S
25408	9.739	0.020	8.877	0.015		0.756	0.019	T	0.80	0.01	L	8.9427	0.0024	0.022	130		8.90	8.98		C			1							
25409	10.576	0.055	10.000	0.051	A	0.538	0.067	T	0.61	0.07	L	10.2057	0.0346	0.049	62	A	9.96	10.27		D	05261+2250	M 2	1 C P C							G
25410	6.122	0.005	6.220	0.004		−0.084	0.006	T	−0.06	0.01	L	6.2073	0.0011	0.007	70		6.20	6.22		C			1							S
25411	8.215	0.009	8.292	0.012		−0.059	0.016	G	−0.04	0.02	H	8.2984	0.0015	0.012	104		8.28	8.32		C			1							
25412	10.547	0.050	9.219	0.026		1.500	0.510	G	2.91	1.20	Q	9.9741	0.1482	1.429	130		7.45	11.45	412.40	P 1 B			1 V							G P
25413	10.779	0.064	10.182	0.057	B	0.557	0.076	T	0.63	0.07	L	10.3906	0.0382			B				U 2 C	05261+2250	M 2	1 C I C							P
25414	9.233	0.012	8.434	0.010		0.700	0.015	G	0.75	0.01	H	8.4867	0.0013	0.013	142		8.46	8.51		C			1 G							
25415	9.622	0.020	8.505	0.014		0.962	0.019	T	0.95	0.01	L	8.5591	0.0018	0.020	88		8.52	8.60					1							
25416	8.021	0.007	6.801	0.004		1.043	0.006	T	1.01	0.01	L	6.8515	0.0008	0.008	146		6.84	6.87		C			1							S
25417	10.190	0.056	9.780	0.058		0.388	0.075	T	0.45	0.08	L	9.7701	0.0025	0.025	118		9.73	9.81					1							
25418	10.220	0.039	9.764	0.041		0.430	0.052	T	0.50	0.06	L	9.7417	0.0022	0.020	72		9.70	9.77		C			1							G
25419	10.029	0.037	9.429	0.033		0.560	0.044	T	0.63	0.04	L	9.5393	0.0034	0.024	64		9.51	9.57					1							
25420	9.838	0.025	8.296	0.013		1.295	0.022	T	1.25	0.02	L	8.3026	0.0020	0.012	83		8.27	8.33					1							
25421	8.906	0.012	7.809	0.009		0.946	0.004	G	0.99	0.00	I	7.8459	0.0012	0.012	134		7.82	7.86		C			1							S
25422	8.179	0.011	8.127	0.014		0.073	0.002	G	0.08	0.00	H	8.1231	0.0020	0.015	76		8.10	8.15					1							
25423	9.646	0.018	9.446	0.022		0.184	0.028	T	0.20	0.03	L	9.5229	0.0023	0.020	103		9.49	9.56		C			1							
25424	8.992	0.014	8.662	0.015		0.313	0.019	T	0.36	0.03	L	8.7063	0.0016	0.017	124		8.68	8.73		C			1							
25425	9.277	0.017	8.837	0.016		0.429	0.019	T	0.50	0.02	L	8.9105	0.0018	0.014	85		8.89	8.93		C			1 G							
25426	9.107	0.017	9.087	0.023		0.019	0.025	T	0.04	0.02	L	9.0860	0.0022	0.015	74		9.06	9.12					1							
25427	9.149	0.014	9.034	0.017		0.111	0.021	T	0.12	0.02	L	9.0317	0.0024	0.020	90		9.00	9.06		C			1							
25428	1.605	0.010	1.670	0.008		−0.130	0.002	G	−0.09	0.03	C	1.6151	0.0007	0.004	42		1.61	1.62			05263+2836	I 1	1							S
25429	6.380	0.003	5.235	0.003		0.986	0.005	G	0.92	0.02	G	5.2987	0.0010	0.006	80		5.29	5.31					1							S
25430	9.960	0.031	9.910	0.044		0.130	0.015	G	0.14	0.01	H	9.9034	0.0044	0.032	98		9.86	9.96		C			1							G
25431	8.865	0.014	8.361	0.014		0.511	0.015	G	0.58	0.02	H	8.4041	0.0015	0.012	79		8.38	8.42		C			1							S
25432	8.391	0.012	8.317	0.014		0.066	0.012	G	0.08	0.01	H	8.3449	0.0018	0.016	94		8.32	8.37		C			1							
25433	7.752	0.009	7.715	0.011		0.044	0.002	G	0.06	0.00	H	7.7340	0.0010	0.009	64		7.72	7.75		C			1 G							S
25434	9.561	0.027	9.007	0.025	B	0.519	0.033	T	0.59	0.04	L	9.0692	0.0160			B				D	05264−4323	I 2	1 C I A							S
25435	8.173	0.011	7.681	0.009		0.473	0.015	G	0.54	0.02	H	7.7460	0.0011	0.009	82		7.73	7.76		C			1							S
25436	8.675	0.012	8.235	0.012	A	0.415	0.016	T	0.48	0.02	L	8.3357	0.0086	0.044	115	A	8.31	8.46		D	05264−4323	I 2	1 C P A							S
25437	7.943	0.009	7.683	0.009	A	0.400	0.495	G	0.28	0.05	L *	7.6690	0.0017	0.013	98	*	7.64	7.69		D	05264−2043	I 1	2 C A	AB	231	3.825	0.015	2.91	0.07	S
25438	10.716	0.040	10.221	0.042		0.466	0.053	T	0.54	0.06	L	10.2566	0.0058	0.042	122		10.18	10.34					1							G
25439	8.326	0.009	8.259	0.011		0.067	0.013	T	0.08	0.01	L	8.2633	0.0011	0.012	87		8.25	8.29					1							
25440	8.252	0.011	7.787	0.011		0.438	0.007	G	0.51	0.01	H	7.8478	0.0017	0.012	79		7.83	7.87		C			1							S
25441	10.306	0.029	9.285	0.020		0.879	0.028	T	0.92	0.03	L	9.3220	0.0025	0.017	85		9.29	9.34		C			1							
25442	8.768	0.014	8.741	0.018		0.047	0.006	G	0.06	0.01	H	8.7302	0.0016	0.015	90		8.71	8.76		C			1							
25443	6.464	0.017	6.427	0.026	*	−0.001	0.012	G	0.02	0.01	H *	6.5114	0.0008	0.007	130	*	6.50	6.52		D	05265+0256	I 1	2 C A	AB	65	3.166	0.009	1.96	0.04	S
25444	9.976	0.034	9.360	0.029		0.574	0.039	T	0.65	0.04	L	9.4613	0.0028	0.019	94		9.43	9.50					1							
25445	8.546	0.013	8.462	0.016		0.083	0.019	T	0.10	0.02	L	8.4871	0.0019	0.015	62		8.46	8.51					1							S
25446	10.315	0.058	9.890	0.060		0.401	0.077	T	0.47	0.08	L	9.8097	0.0033	0.020	59		9.77	9.83					1							G
25447	8.983	0.009	8.845	0.011		0.133	0.013	T	0.15	0.01	L	8.8860	0.0020	0.021	199		8.85	8.93					1							
25448	10.553	0.045	10.443	0.066		0.210	0.020	G	0.23	0.02	H	10.5475	0.0055	0.038	87		10.47	10.61		U			1 S							D
25449	9.192	0.015	8.611	0.013		0.545	0.015	T	0.62	0.01	L	8.6605	0.0016	0.013	87		8.63	8.68		C			1							S
25450	10.372	0.037	9.796	0.036		0.538	0.046	T	0.61	0.05	L	9.7736	0.0028	0.019	70		9.74	9.81		C			1							G
25451	8.804	0.012	7.491	0.007		1.115	0.011	T	1.08	0.01	L	7.5332	0.0008	0.011	116		7.51	7.55		D			1							S
25452	9.692	0.022	8.176	0.011		1.300	0.015	G	1.12	0.02	A	8.2159	0.0015	0.013	101		8.19	8.25		C			1							
25453	6.388	0.005	6.402	0.005		−0.023	0.004	G	0.00	0.00	H	6.4119	0.0007	0.005	68		6.40	6.42		C			1							S
25454	7.200	0.007	7.122	0.009		0.077	0.011	T	0.09	0.01	L	7.1537	0.0010	0.008	78		7.14	7.17		C			1							S
25455	10.839	0.044	9.357	0.020		1.248	0.038	T	1.21	0.04	L	9.3942	0.0018	0.018	124		9.36	9.42		C			1							
25456	9.179	0.017	8.829	0.018		0.315	0.015	G	0.36	0.02	H	8.8890	0.0026	0.017	81		8.86	8.91		C			1							
25457	10.437	0.037	10.050	0.040		0.350	0.015	G	0.41	0.02	H	10.0619	0.0043	0.030	80		10.02	10.11			05267−0509	I 1	1 X							G
25458	9.989	0.016	8.590	0.009		1.183	0.014	T	1.14	0.01	L	8.6193	0.0018	0.020	195		8.58	8.65					1							
25459	7.514	0.008	7.489	0.008		0.023	0.010	T	0.04	0.01	L	7.4979	0.0008	0.008	109		7.48	7.51		C			1							S
25460	9.691	0.027	9.625	0.035		0.066	0.041	T	0.08	0.04	L	9.7011	0.0024	0.017	66		9.67	9.73		C			1							
25461	8.888	0.014	8.268	0.012		0.574	0.014	T	0.65	0.01	L	8.3355	0.0012	0.012	101		8.32	8.36		C			1							S
25462	8.434	0.010	8.274	0.012		0.146	0.015	T	0.16	0.01	L	8.3150	0.0013	0.014	82		8.30	8.34		D			1							
25463	8.782	0.019	8.402	0.019		0.313	0.005	G	0.36	0.01	H	8.4567	0.0013	0.007	63		8.43	8.47					1							
25464	8.391	0.010	8.360	0.012	*	0.039	0.010	G	0.05	0.01	H *	8.3575	0.0018	0.013	89	*	8.34	8.38		D	05267+3857	H 1	2 C A	AB	259	0.382	0.023	2.21	0.13	
25465	7.142	0.005	7.188	0.007		−0.050	0.002	G	−0.03	0.00	H	7.2007	0.0010	0.009	113		7.19	7.22		C			1							S
25466	9.079	0.014	8.470	0.013	*	0.566	0.014	T	0.64	0.01	L *	8.5040	0.0016	0.010	104	*	8.48	8.52		D	05268−6436	I 1	2 C S A	AS	290	0.190	0.005	0.19	0.14	S
25467	8.777	0.015	8.659	0.017		0.114	0.021	T	0.13	0.02	L	8.7399	0.0021	0.014	88		8.72	8.77		C			1							
25468	7.191	0.003	7.169	0.004		0.025	0.005	T	0.04	0.00	L	7.1811	0.0008	0.011	269		7.16	7.20					1							S
25469	8.447	0.008	8.502	0.010		−0.054	0.014	G	−0.03	0.01	H	8.5009	0.0015	0.016	155		8.48	8.52		C			1							
25470	7.501	0.009	7.537	0.008		−0.028	0.011	T	−0.01	0.01	L	7.5294	0.0010	0.008	74		7.52	7.54		C			1							S
25471	6.092	0.003	5.940	0.003		0.138	0.004	T	0.15	0.00	L	5.9676	0.0007	0.007	98		5.96	5.98					1							S
25472	8.572	0.009	8.302	0.010		0.254	0.014	T	0.29	0.02	L	8.3096	0.0233	0.156	122		8.17	8.61	0.46	P 1 A			1							S
25473	4.336	0.002	4.574	0.002	A	−0.199	0.004	G	−0.21	0.02	A *	4.5111	0.0015	0.013	123	*	4.50	4.55	2.53	P 1 A	05268+0305	I 1	2 C B	AB	327	2.943	0.022	4.08	0.09	S
25474	8.249	0.009	8.116	0.010		0.128	0.013	T	0.14	0.01	L	8.1527	0.0012	0.013	150		8.12	8.18		C			1							S
25475	7.657	0.007	6.297	0.005		1.152	0.007	T	1.11	0.01	L	6.3449	0.0005	0.005	94		6.34	6.36		D			1							S
25476	8.053	0.008	6.315	0.004		1.453	0.005	G	1.46	0.01	H	6.3062	0.0008	0.008	98		6.29	6.32		C			1							S
25477	6.992	0.005	7.160	0.006		−0.141	0.005	G	−0.14	0.01	H	7.1480	0.0009	0.008	104		7.13	7.16		C			1							S
25478	8.360	0.011	8.182	0.012		0.179	0.015	G	0.20	0.02	H	8.2039	0.0015	0.016	87		8.17	8.23		D			1							S
25479	10.180	0.039	8.538	0.017		1.374	0.034	T	1.34	0.04	L	8.5195	0.0018	0.016	70		8.50	8.54		C			1							
25480	6.392	0.004	6.579	0.005		−0.163	0.005	G	−0.17	0.01	H	6.5567	0.0008	0.008	92		6.54	6.57					1							S
25481	9.303	0.019	8.139	0.012		0.999	0.018	T	0.98	0.01	L	8.1922	0.0014	0.012	57		8.17	8.21		C			1							S
25482	6.493	0.019	6.123	0.020	A	0.346	0.012	G	0.41	0.02	A *	6.1144	0.0008	0.006	93	*	6.10	6.12		D	05270−6837	I 1	2 C A	AB	164	1.325	0.004	0.34	0.01	S
25483	7.190	0.007	7.043	0.007		0.141	0.009	T	0.16	0.01	L	7.0807	0.0010	0.006	66		7.07	7.09		C			1							S
25484	8.460	0.016	7.975	0.017	*	0.498	0.005	G	0.57	0.01	R *	7.9782	0.0015	0.010	65	*	7.96	8.00		D	05270+2737	I 1	2 C A	BA	83	0.755	0.004	0.10	0.01	S
25485	8.431	0.010	8.384	0.012	*	0.048	0.015	T	0.06	0.01	L *	8.4021	0.0028	0.023	88	*	8.37	8.44		U	05270+3446	H 1	2 C B	AB	305	0.628	0.057	3.31	0.13	
25486	6.954	0.007	6.362	0.006		0.553	0.007	T	0.63	0.01	L	6.4210	0.0024	0.017	78		6.39	6.44		U 2			1							S
25487	9.410	0.017	9.030	0.017		0.360	0.022	T	0.42	0.02	L	9.0901	0.0020	0.022	110		9.06	9.13					1							
25488	6.154	0.003	5.884	0.003		0.239	0.003	G	0.25	0.03	C	5.9310	0.0005	0.005	127		5.92	5.94		C	05271−4057	I 1	1 G							S
25489	8.678	0.011	6.962	0.006		1.432	0.010	T	1.42	0.02	L	6.9483	0.0010	0.008	98		6.93	6.96		C			1							S
25490	7.900	0.007	7.243	0.005		0.600	0.006	T	0.67	0.01	L	7.3117	0.0010	0.010	139		7.29	7.33		C			1							S
25491	9.705	0.023	9.249	0.023		0.601	0.015	G	0.67	0.01	H	9.3122	0.0025	0.019	80		9.28	9.35		C			1							
25492	5.908	0.004	5.743	0.004		0.175	0.039	G	0.35	0.03	C	5.7621	0.0008	0.006	77		5.75	5.77					1							S
25493	6.525	0.004	6.717	0.005		−0.154	0.009	G	−0.15	0.01	H	6.6887	0.0007	0.007	109		6.68	6.70		C			1							S
25494	10.170	0.033	9.674	0.033	*	0.466	0.043	T	0.54	0.05	L *	9.6860	0.0024	0.017	87	*	9.65	9.72		C	05272+3146	H 1	2 C S C	AB	17	0.144	0.051	2.02	0.98	G
25495	8.192	0.006	8.082	0.007	*	0.107	0.008	T	0.12	0.01	L *	8.1191	0.0011	0.014	189	*	8.09	8.14		D	05272+7331	H 1	2 C S A	AB	22	0.179	0.009	1.04	0.24	S
25496	7.022	0.005	7.178	0.006		−0.141	0.004	G	−0.14	0.01	H	7.1641	0.0010	0.007	100		7.15	7.18		C			1 X							S
25497	7.923	0.009	7.412	0.008		0.500	0.004	G	0.57	0.00	H	7.4610	0.0014	0.010	86		7.45	7.48		C			1							S
25498	9.735	0.027	9.315	0.028		0.397	0.036	T	0.46	0.04	L	9.3537	0.0025	0.018	64		9.33	9.38		C			1							
25499	5.284	0.002	5.389	0.003		−0.090	0.003	T	−0.07	0.00	L	5.3743	0.0007	0.004	72		5.37	5.38		C	05272+1758	I 1	1 S							S
25500	10.212	0.039	7.561	0.010		2.230	0.033	T	3.40	0.07	O	7.2522	0.0075	0.058	82		7.15	7.38		U 2 C			1							S

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
25501		05 27 11.66	−19 05 44.6	7.99		H	81.798 562 55	−19.095 716 19		6.68	−9.49	−9.82	0.56	0.66	0.98	0.90	1.02	−17	+23	−13	−7	−10	−20	−14	+12	−2	−2	0	1.02
25502		05 27 13.90	+15 15 27.6	6.18		H	81.807 907 59	+15.257 655 00		7.07	−5.49	−10.08	0.77	0.54	0.79	0.96	0.58	+27	+31	−4	+29	+36	−10	+29	+65	−10	+28	0	0.06
25503		05 27 13.90	+44 00 20.0	7.39		H	81.807 910 77	+44.005 563 46		4.05	3.74	−21.08	0.85	0.49	0.94	1.04	0.50	−6	+31	−2	+21	+9	−10	+3	−16	+9	−24	0	0.15
25504	H	05 27 14.64	−34 36 51.7	6.94		H	81.810 984 60	−34.614 352 06	A	5.51	−25.50	−4.68	0.72	0.86	0.71	0.66	0.74	−4	+2	−1	+4	−5	+15	−6	+5	+18	−5	1	−0.77
25505		05 27 15.40	+02 20 28.3	6.36		H	81.814 158 69	+02.341 204 88		7.67	5.87	−2.02	0.69	0.41	0.87	0.82	0.42	−12	+24	+9	+22	−49	+1	−46	+22	−13	−21	0	1.09
25506		05 27 15.74	−46 05 39.0	7.67		G	81.815 603 96	−46.094 168 77		14.74	16.44	−41.78	0.65	0.66	0.75	0.76	0.80	+4	+23	−13	+0	−7	+14	−10	+22	−18	+4	5	2.16
25507		05 27 15.80	+05 01 09.1	9.83		H	81.815 849 11	+05.019 183 46		3.17	0.68	−3.82	1.49	0.92	1.73	1.62	0.92	+2	+33	−19	+5	−12	−10	−17	+36	−18	+14	2	−0.17
25508		05 27 16.16	+42 17 47.1	9.48		G	81.817 322 64	+42.296 402 99		1.76	−2.98	−0.84	1.32	0.68	1.39	1.48	0.64	+3	+25	+2	+34	+6	+2	+3	−18	+2	−1	0	0.07
25509		05 27 16.82	−06 04 34.0	9.86		H	81.820 064 31	−06.076 122 57		1.83	2.63	−13.62	1.25	0.98	1.71	1.35	1.09	+4	+36	−15	+11	−11	+2	−16	+17	−17	+15	2	0.50
25510		05 27 17.57	+19 59 45.6	9.45		H	81.823 199 64	+19.996 007 67		5.94	−3.49	−9.56	1.54	1.00	1.67	2.19	1.07	+24	+32	+6	+17	+28	+18	+22	+64	−8	+18	0	−0.80
25511		05 27 20.59	+02 12 57.1	9.20		H	81.835 783 48	+02.215 860 13		6.90	−1.74	−1.78	1.12	0.67	1.43	1.34	0.67	−10	+19	+9	+13	−51	−3	−46	+16	−12	−20	0	−0.95
25512		05 27 21.41	+30 50 35.7	9.65		H	81.839 226 95	+30.843 255 29		−0.11	15.27	−6.80	1.41	0.82	1.53	1.73	0.84	+8	+16	−17	+6	+28	+6	+22	+22	+1	+35	0	1.39
25513		05 27 21.75	+14 01 44.4	8.33		H	81.840 605 50	+14.028 994 72		3.28	−2.45	−6.55	1.05	0.76	1.21	1.37	0.82	+16	+38	−29	+20	+44	−17	+17	+75	−33	+41	0	0.62
25514		05 27 22.53	+17 16 10.7	9.10		H	81.843 876 92	+17.269 636 98		8.00	6.28	−18.86	1.23	0.79	1.38	1.57	0.82	+6	+28	−23	+6	+36	−8	+15	+60	−21	+34	0	0.29
25515		05 27 23.43	−27 54 28.9	9.43		H	81.847 611 23	−27.908 037 31		1.43	−6.07	−6.97	0.80	1.02	1.28	0.90	1.15	−23	+19	−15	+4	−8	+13	−3	−13	+18	−26	0	1.26
25516		05 27 24.26	+53 35 27.9	8.48		G	81.851 070 04	+53.591 074 96		5.31	−9.31	0.50	0.81	0.66	1.07	1.03	0.80	+1	+26	−6	−6	+5	−22	+0	−10	−6	−13	2	0.49
25517		05 27 24.80	−26 35 05.7	7.23		G	81.853 339 99	−26.584 912 51		12.41	8.84	−33.95	0.43	0.58	0.78	0.52	0.79	−10	+15	−19	−7	−4	+15	−1	−9	+5	+0	1	0.06
25518		05 27 24.93	+72 26 22.0	9.63		H	81.853 880 04	+72.439 453 45		1.09	10.92	−10.24	0.77	1.12	1.41	0.85	1.33	−13	+13	−22	+17	+6	+11	+10	−8	+3	−12	1	0.63
25519		05 27 25.77	−08 20 11.3	9.67		G	81.857 360 53	−08.336 459 22		3.42	5.87	−11.74	1.08	0.92	1.36	1.22	1.01	−8	+26	+18	+24	−29	−15	−26	+19	−3	−14	2	1.68
25520		05 27 26.79	−22 54 09.5	9.93		H	81.861 629 80	−22.902 643 81		2.04	−11.90	−7.21	0.86	1.24	1.70	1.25	1.92	−2	+20	+2	−6	−34	−2	−36	−12	−8	+0	0	2.14
25521		05 27 27.60	−25 20 30.0	9.56		G	81.864 996 57	−25.341 657 21		3.52	5.93	0.11	0.77	1.09	1.52	0.91	1.37	−7	+0	−18	−10	−17	+11	−16	−9	+23	−17	0	0.89
25522		05 27 29.23	−06 55 41.5	9.66		G	81.871 785 14	−06.928 189 03		2.87	2.24	−1.65	1.09	0.87	1.50	1.15	0.91	−6	+35	−20	+9	−28	+14	−28	+3	−12	−11	0	−0.81
25523		05 27 29.99	+18 50 47.1	9.58		H	81.874 965 60	+18.846 428 74		21.24	56.36	−346.11	1.46	0.94	1.57	1.85	1.05	+26	+44	−14	+20	+36	−8	+21	+60	−14	+44	4	−1.03
25524		05 27 30.01	−09 57 36.5	9.81		G	81.875 031 86	−09.960 151 54		1.98	19.32	3.36	1.30	1.05	1.78	1.31	1.25	−22	+35	−12	+33	−38	+8	−47	+13	−28	−29	0	0.96
25525		05 27 30.07	+05 35 42.8	8.13		H	81.875 272 57	+05.595 228 03		4.62	7.30	−2.75	0.92	0.56	1.02	1.06	0.60	+2	+34	−12	+2	+1	−7	−9	+43	−15	+20	0	0.46
25526	H	05 27 30.31	−77 22 54.9	9.40		H	81.876 300 37	−77.381 925 73	*	5.52	−4.97	−17.47	0.79	0.66	0.82	0.88	0.86	−9	+6	+1	+7	−13	+4	−16	+7	−10	−11	1	0.55
25527		05 27 30.94	−27 16 09.0	8.87		H	81.878 912 18	−27.269 156 50		3.89	−5.61	−13.11	0.65	0.90	1.19	0.76	1.14	−15	+16	−19	−18	−2	−2	+1	−10	+17	−24	2	−0.55
25528		05 27 32.49	−13 34 40.0	7.21		H	81.885 363 88	−13.577 770 64		9.32	50.72	−212.22	0.70	0.68	0.92	0.70	0.81	+5	+20	−12	+18	−40	−8	−49	−11	−14	−1	2	−0.43
25529		05 27 32.68	−15 14 55.8	8.41		H	81.886 146 67	−15.248 824 80		−0.16	4.62	−14.77	0.94	0.96	1.22	0.90	1.09	+2	+24	−10	+15	−46	+6	−53	−1	−2	−31	0	0.18
25530		05 27 34.51	+49 15 31.6	8.22		H	81.893 797 45	+49.258 786 10		1.14	−3.35	0.41	0.92	0.59	1.16	0.95	0.58	+1	+35	+11	+25	+1	−16	−7	−8	−23	−3	0	0.28
25531		05 27 36.39	−20 54 57.1	8.06		H	81.901 630 55	−20.915 850 24		7.23	−22.01	−37.00	0.81	0.89	1.36	1.34	1.11	−6	+9	−46	−23	−28	+45	−7	−17	+13	+6	0	−0.06
25532		05 27 36.49	−21 22 32.8	6.08		G	81.902 037 60	−21.375 790 99		8.59	18.41	32.16	0.40	0.50	0.75	0.71	0.74	+13	+0	−32	+20	−15	+10	−13	−2	−4	+4	0	−0.46
25533	H	05 27 36.88	+01 06 27.3	7.69		G	81.903 654 39	+01.107 585 06	A	3.00	1.34	2.43	1.19	0.84	1.37	1.33	0.73	−7	+17	−14	−9	−33	+33	−30	+12	−22	−14	5	−0.03
25534		05 27 36.98	+19 18 13.6	10.04		H	81.904 073 23	+19.303 782 44		1.81	10.56	−6.98	1.85	1.17	1.92	2.39	1.22	+32	+26	−6	+32	+38	−4	+28	+67	−15	+41	0	−0.13
25535		05 27 37.00	+53 45 01.3	9.12		H	81.904 184 08	+53.750 360 76		1.03	3.70	−3.77	0.93	0.76	1.26	1.14	0.89	+7	+30	−14	−10	+20	−23	+11	−14	−6	−14	0	−0.36
*25536		05 27 37.34	−06 52 35.0	9.03		G	81.905 580 86	−06.876 386 59		1.96	−0.05	−1.88	0.95	0.73	1.27	0.97	0.75	−9	+36	−22	+3	−24	+11	−24	+1	−10	−13	0	−1.64
*25537		05 27 37.27	+59 36 19.1	10.66		H	81.905 311 97	+59.605 299 78		6.32	10.49	−61.19	1.90	1.62	2.24	2.25	1.88	−26	−30	+21	−38	+45	+29	+45	−34	−38	−16	2	1.92
25538		05 27 38.03	+04 50 07.0	8.69		H	81.908 468 04	+04.835 289 31		3.66	14.68	−21.40	1.16	0.74	1.33	1.32	0.75	+4	+34	−20	+2	−15	−4	−17	+31	−13	+17	0	1.36
25539		05 27 38.08	+21 56 13.1	4.88		H	81.908 683 50	+21.936 982 19		4.69	1.75	−6.96	0.88	0.54	0.96	0.95	0.54	+23	+31	+3	−1	+50	+15	+30	+49	−22	+35	0	0.62
25540		05 27 38.33	+11 25 38.9	10.64	3	H	81.909 724 54	+11.427 483 81		−1.82	5.24	−1.04	2.91	1.52	2.80	2.97	1.91	+29	+53	+4	+25	+34	+8	+29	+69	+9	+31	0	1.11
25541		05 27 38.89	+34 28 33.6	5.08		G	81.912 030 61	+34.475 986 43		8.14	−1.44	−38.81	0.73	0.41	0.80	0.86	0.43	+15	+41	+6	+10	−2	+8	+5	+2	+17	+14	0	−1.07
25542		05 27 39.20	+43 22 04.6	6.76		H	81.913 328 79	+43.367 937 99		2.54	−4.97	−6.49	0.73	0.45	0.81	0.76	0.43	+8	+37	−1	+25	+16	+3	+9	−2	−6	+2	0	−0.24
25543	H	05 27 39.45	+74 33 24.0	7.25		G	81.914 360 21	+74.556 661 08	A	8.09	−2.58	25.09	0.52	0.67	0.77	0.52	0.77	+3	+6	−2	+9	+5	+0	+5	+1	+5	−11	1	−0.14
25544		05 27 39.53	−60 24 56.8	6.99	1	G	81.914 697 45	−60.415 769 17		51.10	−148.89	−92.83	0.48	0.50	0.52	0.56	0.64	−11	+3	+3	+11	−4	+9	−5	+10	−23	−11	0	1.77
25545		05 27 39.71	−35 59 06.5	9.12		H	81.915 460 84	−35.985 151 86		1.73	−10.45	−7.17	0.80	0.77	0.95	0.91	0.97	−21	+22	+0	+20	−19	+14	−18	+16	+4	−24	1	0.92
25546		05 27 42.79	−08 19 38.4	8.11		H	81.928 297 03	−08.327 334 50		0.88	−0.25	−4.57	0.75	0.58	0.93	0.80	0.64	−7	+33	+5	+23	−32	−14	−33	+14	−13	−11	2	−1.39
25547		05 27 42.92	−68 04 27.1	8.76		H	81.928 812 96	−68.074 203 36		3.43	4.50	−3.73	0.74	0.73	0.75	0.83	0.97	−14	+14	+4	−35	+8	+13	+10	−15	−12	−32	0	0.53
25548		05 27 43.24	−00 15 32.9	8.14		G	81.930 185 84	−00.259 129 05		4.26	−0.23	0.49	0.78	0.54	0.91	1.01	0.59	+13	+11	−13	−15	−38	+6	−33	+1	+0	+15	0	−1.21
25549		05 27 43.28	+34 31 56.7	8.05		G	81.930 350 68	+34.532 415 45		1.72	−1.14	−2.20	1.07	0.54	1.16	1.28	0.55	+9	+39	+4	+21	−3	+5	+5	+10	+16	+16	0	−1.17
25550		05 27 43.87	+24 19 57.2	9.36		H	81.932 805 65	+24.332 563 07		4.66	28.24	−36.35	1.57	1.07	1.76	1.86	1.10	+24	+22	−36	+31	+49	−20	+28	+69	−34	+50	0	0.46
25551		05 27 44.63	−25 38 12.5	7.49		H	81.935 971 94	−25.636 818 11		5.14	−2.97	1.77	0.42	0.60	0.81	0.52	0.79	−12	+1	−24	−6	−9	+12	−6	−7	+11	−19	2	−0.58
25552		05 27 44.72	−01 48 47.1	7.82		H	81.936 315 27	−01.813 095 33		3.00	0.87	−1.73	0.83	0.52	1.00	0.86	0.57	+9	+42	−2	−7	−28	+2	−32	+8	−20	+11	4	1.83
25553		05 27 44.85	−39 13 18.9	6.86		H	81.936 867 35	−39.221 918 97		5.10	1.07	−1.74	0.74	0.80	0.90	0.83	0.97	−12	+1	−10	−10	−10	+12	−11	+3	+7	−5	0	
25554		05 27 45.12	+10 46 42.4	10.36		H	81.938 019 60	+10.778 443 83		6.70	17.85	−6.02	1.74	1.16	1.98	2.00	1.25	+11	+40	−19	+4	+36	−21	+14	+61	−23	+35	0	1.08
25555		05 27 45.61	+15 52 26.8	5.52		H	81.940 024 38	+15.874 103 86		5.77	4.39	−21.26	0.76	0.48	0.84	0.81	0.51	+8	+42	−26	−1	+43	−8	+15	+59	−22	+47	0	−0.45
25556	H	05 27 45.74	+26 08 18.5	9.06		H	81.940 580 30	+26.138 476 33	A	1.51	−3.22	−0.86	2.48	1.46	2.08	2.47	1.36	−14	+31	+1	+26	+0	−5	−2	+58	+4	+3	0	1.01
25557		05 27 45.76	−02 08 43.7	7.52		G	81.940 686 61	−02.145 469 55		1.25	2.01	−0.47	0.85	0.51	1.04	0.87	0.57	+11	+45	−3	−6	−16	+3	−25	+17	−29	+9	0	1.17
*25558		05 27 45.92	+33 56 45.4	7.49		H	81.941 333 95	+33.945 953 18		1.69	2.22	−1.66	0.96	0.47	1.05	1.04	0.48	+11	+51	+0	+15	+8	+6	+14	+12	+15	+15	0	−0.31
*25559		05 27 45.85	−28 47 58.7	10.12		G	81.941 051 36	−28.799 631 53		23.99	−40.53	−176.75	3.35	3.91	5.10	3.53	4.54	−14	+27	−23	−19	−4	−3	−3	−7	+9	−7	0	
25560		05 27 47.30	+44 09 57.3	7.62		H	81.947 084 00	+44.165 915 81		2.78	2.41	−2.07	0.94	0.53	1.03	1.06	0.53	−3	+40	−6	+24	+15	−5	+6	−15	+4	−20	0	−1.51
25561		05 27 47.80	+15 03 56.9	8.59		H	81.949 159 57	+15.065 808 14		5.48	6.69	−16.86	1.03	0.69	1.09	1.34	0.73	+24	+26	−11	+19	+32	−5	+23	+59	−12	+32	0	−1.53
25562	H	05 27 50.55	−32 25 03.3	6.82		H	81.960 632 41	−32.417 588 04	A	4.72	−2.72	−26.29	1.86	1.03	0.75	0.65	0.74	−9	+7	+3	+3	−7	−4	−8	+1	+9	−14	2	1.41
25563		05 27 51.68	+33 28 41.0	8.73		H	81.965 348 91	+33.478 068 37		2.89	−0.58	−3.93	1.16	0.57	1.28	1.24	0.55	+11	+43	−5	+7	+23	+5	+20	+16	+6	+24	0	0.45
25564		05 27 51.95	−29 34 26.9	8.58		H	81.966 441 56	−29.574 146 15		5.48	13.43	10.35	0.66	0.80	1.05	0.83	0.96	−16	+14	−22	−8	−14	+3	−11	+7	+13	−15	0	−0.89
25565	H	05 27 52.40	+34 46 58.3	8.30	2	H	81.968 331 96	+34.782 847 85	*	4.52	1.25	−0.29	1.21	0.63	1.35	1.45	0.68	+19	+43	−8	+10	−18	+18	−3	−3	+18	+43	0	−0.87
25566		05 27 52.99	+56 16 44.5	8.11		H	81.970 774 83	+56.279 024 34		12.69	39.56	−78.97	0.77	0.73	1.08	0.96	0.85	+37	+14	−21	−4	−7	−8	−8	−17	+12	+37	0	0.82
25567		05 27 54.23	+01 06 18.2	7.80		G	81.975 968 19	+01.105 051 50		5.29	2.03	−0.20	0.90	0.55	1.11	1.06	0.58	+12	+27	+2	−4	−49	+10	−47	+14	−21	+7	0	0.53
*25568		05 27 54.70	−48 42 14.5	8.04		H	81.977 920 74	−48.704 038 37		3.37	0.87	38.82	0.61	0.66	0.71	0.70	0.85	−1	+20	−1	+4	+6	+14	+6	+19	−9	−7	0	−0.93
*25569		05 27 54.70	+48 13 36.2	6.51	1	H	81.977 908 69	+48.226 727 76		5.09	4.56	−35.37	0.78	0.52	0.87	0.80	0.48	+28	+44	+24	+18	−7	+3	−14	−28	−13	+14	4	−0.35
25570		05 27 55.15	−31 01 09.4	8.70		H	81.979 784 58	−31.019 284 39		3.12	−6.85	−22.10	0.63	0.77	0.97	0.71	0.99	−3	+13	−10	+4	−3	+23	+0	+10	+11	+7	0	1.15
25571		05 27 55.31	+46 30 41.2	9.86		H	81.980 441 06	+46.511 455 80		11.65	−62.41	−67.44	1.49	0.85	1.72	1.82	0.85	−11	+26	+7	+33	+0	−5	−8	−12	−11	−22	0	2.06
25572	H	05 27 55.41	+23 17 35.4	8.24		H	81.980 872 33	+23.293 173 72	A	7.65	−2.00	−47.03	1.91	1.35	1.91	2.34	1.28	+25	−3	−42	+26	+50	−34	+36	+63	−42	+36	1	0.93
25573		05 27 56.86	−18 00 14.2	7.57		G	81.986 931 86	−18.003 951 14		7.67	−8.42	0.92	0.55	0.67	1.06	0.72	0.91	+15	+23	−23	−18	−9	−21	−11	−6	+4	+1	4	0.86
25574		05 27 57.51	−00 57 30.6	8.68		H	81.989 616 19	−00.958 500 25		6.01	−6.24	7.44	0.88	0.61	1.05	1.11	0.67	+9	+9	−10	−7	−35	+7	−31	+4	−1	+11	4	0.15
25575		05 27 58.42	+48 22 52.5	7.20		H	81.993 398 17	+48.381 256 24		2.56	−5.86	−11.57	0.85	0.54	0.94	0.88	0.53	+13	+39	+9	+25	−13	−3	−15	−14	−14	+13	2	−0.53
25576	H	05 27 59.05	−38 54 24.3	7.56		H	81.996 037 84	−38.906 748 14	A	4.95	−4.95	14.54	0.99	0.93	1.00	1.01	1.03	−23	+2	−2	+20	−17	+12	−22	+18	+8	−10	0	0.81
25577		05 27 59.10	+12 54 42.2	8.16	2	H	81.996 232 57	+12.911 724 49		4.28	4.97	−17.71	0.97	0.59	0.99	1.11	0.63	+33	+40	−1	−4	+14	−12	+5	+53	−12	+43	0	0.75
25578		05 28 00.27	+09 38 44.8	12.48		G	82.001 106 06	+09.645 774 31		115.04	−194.06	−759.52	4.91	2.62	5.22	4.80	2.74	+23	+51	+1	−15	+9	+0	+2	+39	−4	+33	0	1.09
25579		05 28 00.36	−44 27 38.2	8.69	2	H	82.001 509 86	−44.460 606 51		0.58	−5.50	10.24	0.69	0.74	0.84	0.73	0.87	−6	+9	+3	−9	+9	+19	+8	+5	−17	−11	1	−1.41
25580		05 28 00.92	+33 45 51.2	6.41		H	82.003 844 87	+33.764 212 11		29.54	20.14	−209.31	0.82	0.42	0.91	0.77	0.42	+5	+54	−10	+5	+11	+10	+14	+5	+11	+29	0	0.20
25581		05 28 01.26	−60 40 46.5	8.00		H	82.005 261 03	−60.679 573 54		3.65	−0.58	−56.82	0.57	0.66	0.67	0.63	0.81	−5	+4	+11	+12	−4	+6	−3	+18	−25	−12	0	2.34
25582		05 28 01.47	+01 17 53.7	6.41		G	82.006 128 14	+01.298 248 15		2.81	−0.25	1.11	0.66	0.42	0.84	0.79	0.45	+14	+24	+3	+9	−37	+11	−35	+22	−14	+9	0	0.52
25583		05 28 01.60	+17 14 21.3	5.77	1	H	82.006 668 98	+17.239 241 82		4.63	16.53	−46.15	0.84	0.57	0.92	1.05	0.60	+12	+36	−25	+15	+38	−7	+21	+60	−17	+37	0	−0.47
25584		05 28 02.00	+40 21 05.4	10.21		H	82.008 332 52	+40.351 506 63		1.75	4.15	−6.12	6.33	3.89	7.13	7.57	3.97	+5	+29	−10	+5	+3	+13	+7	−18	+6	+25	2	
25585		05 28 04.17	+40 22 00.3	9.14		H	82.017 358 32	+40.366 746 99		5.68	−0.16	−0.29	1.74	0.92	1.90	1.89	0.95	+0	+47	−5	+21	+14	−9	+9	+2	−1	+1	0	1.15
25586		05 28 06.06	+22 55 50.4	8.67		H	82.025 246 00	+22.930 658 59		17.69	−119.41	−81.74	1.22	0.79	1.38	1.69	0.84	+28	+27	−20	+22	+37	−34	+22	+61	−28	+36	0	−0.28
25587		05 28 06.20	+40 21 13.1	8.81		H	82.025 817 89	+40.353 635 80		4.46	1.65	−6.43	1.45	0.78	1.59	1.61	0.82	+2	+46	−7	+23	+13	−12	+8	+6	−2	+3	0	1.32
25588		05 28 06.99	+37 00 31.9	9.40		H	82.029 117 87	+37.008 871 02		1.93	5.42	−12.42	1.20	0.66	1.30	1.37	0.68	−2	+37	−15	+42	+3	+0	+7	+21	+13	+2	0	0.22
25589		05 28 09.27	+16 26 20.9	6.85		H	82.038 606 05	+16.439 147 71		16.44	−36.18	−53.96	1.10	0.52	1.29	0.90	0.55	+6	+67	−16	−4	+38	−3	+0	+53	−27	+44	0	0.47
25590		05 28 09.34	+32 31 39.8	8.99		G	82.038 901 95	+32.527 712 15		10.09	−17.55	5.41	1.22	0.62	1.35	1.39	0.62	+19	+44	−4	+6	+11	−4	+10	+7	+2	+32	0	0.10
25591		05 28 09.65	+03 37 23.4	9.46	2	H	82.040 194 38	+03.623 162 25		3.46	1.34	−0.96	1.95	0.76	2.33	1.58	0.78	−25	+73	−24	+8	−46	+11	−54	+18	−41	−21	2	0.05
25592		05 28 10.12	+00 47 14.0	8.34		G	82.042 163 45	+00.787 229 28		5.42	−0.19	−2.64	1.06	0.64	1.32	1.32	0.68	+19	+24	−10	−15	−52	+26	−49	−2	−20	+18	0	2.64
*25593		05 28 10.46	+35 55 26.0	10.55		H	82.043 601 15	+35.923 894 35		0.67	0.32	−5.07	1.62	0.94	1.76	2.05	0.98	+14	+17	−7	+22	+17	+2	+17	+3	+11	+20	0	−0.63
*25594		05 28 10.46	−01 46 18.4	8.37		H	82.043 585 47	−01.771 769 94		4.69	−0.02	−1.30	0.95	0.65	1.12	1.11	0.73	+7	+31	+4	+4	−30	+0	−31	+17	−19	+3	2	1.35
25595		05 28 10.66	+02 22 35.3	9.10		H	82.044 424 76	+02.376 473 58		3.33	−0.87	−0.92	1.13	0.65	1.40	1.29	0.66	−17	+27	−2	+16	−47	+3	−44	+21	−16	−21	0	0.60
25596		05 28 10.70	−20 23 49.4	8.89	2	H	82.044 598 60	−20.397 063 45		−0.25	−0.21	−4.89	0.91	1.10	1.64	1.30	1.32	−9	+28	−38	−3	−31	+41	−13	−31	+15	+8	0	2.25
25597		05 28 11.01	+40 22 05.3	9.66		H	82.045 877 54	+40.368 142 17		3.33	1.21	−6.67	1.85	0.98	2.00	2.05	1.03	+2	+48	−6	+26	+13	−10	+8	+5	+0	+0	0	−0.41
25598		05 28 11.47	−30 01 36.2	9.14		H	82.047 775 50	−30.026 728 68		6.26	2.29	−9.09	0.70	0.96	1.16	0.78	1.18	−11	+20	−31	−11	+9	−1	+4	+17	−13	+8	0	0.25
25599		05 28 12.29	+35 25 52.1	10.46	2	G	82.051 208 62	+35.431 127 12		2.08	−1.88	−1.63	1.96	1.10	2.15	2.80	1.22	+23	+15	−8	+5	+0	+24	+6	−11	+21	+46	0	0.28
25600		05 28 12.63	−01 56 28.5	8.51		G	82.052 641 85	−01.941 253 78	A	2.25	−0.73	0.60	2.56	1.59	2.35	2.41	1.60	−6	+35	−11	+4	−30	+6	−33	+13	−21	−5	10	2.15

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
25501	8.377	0.008	8.018	0.008		0.341	0.015	G	0.40	0.02	H	8.0674	0.0015	0.015	143		8.04	8.10					1							S
25502	6.273	0.005	6.189	0.005		0.083	0.007	T	0.10	0.01	L	6.2113	0.0007	0.005	70		6.20	6.22		C			1							S
25503	8.990	0.014	7.505	0.008		1.250	0.013	T	1.21	0.01	L	7.5469	0.0014	0.010	94		7.53	7.57		C			1							
25504	8.090	0.008	7.055	0.005	*	0.900	0.007	T	0.90	0.01	L	* 7.1000	0.0010	0.009	133	*	7.09	7.12		D	05272−3437	H 1	2 C A	AB	187	0.427	0.006	2.33	0.03	S
25505	7.579	0.005	6.459	0.003		0.965	0.005	T	0.95	0.00	L	6.5272	0.0005	0.008	155		6.51	6.54					1							S
25506	8.177	0.011	7.714	0.009		0.416	0.008	G	0.48	0.01	H	7.7800	0.0011	0.010	79		7.76	7.81					1							S
25507	9.873	0.033	9.852	0.050		0.024	0.055	T	0.04	0.04	L	9.8470	0.0030	0.024	63		9.80	9.88					1							G
25508	9.866	0.025	9.560	0.029		0.380	0.015	G	0.44	0.02	H	9.5782	0.0028	0.019	89		9.54	9.62		C			1							G
25509	10.215	0.034	9.878	0.039		0.320	0.048	T	0.37	0.07	L	9.9332	0.0033	0.023	84		9.89	9.97		C			1							G
25510	9.943	0.032	9.511	0.033		0.408	0.042	T	0.47	0.05	L	9.5449	0.0024	0.019	68		9.52	9.58					1							
25511	9.252	0.012	9.187	0.016		0.065	0.019	T	0.07	0.02	L	9.2261	0.0016	0.018	151		9.20	9.26		C			1							
25512	10.899	0.071	9.901	0.047		0.873	0.063	T	0.88	0.05	L	9.7885	0.0026	0.021	82		9.76	9.82		C			1 S							G
25513	8.516	0.015	8.330	0.017		0.178	0.021	T	0.20	0.02	L	8.3858	0.0015	0.009	75		8.37	8.40		C			1							
25514	9.583	0.024	9.158	0.024		0.401	0.031	T	0.47	0.03	L	9.1895	0.0016	0.010	75		9.17	9.21					1							
25515	10.724	0.034	9.531	0.020		1.022	0.031	T	1.00	0.03	L	9.5888	0.0027	0.030	148		9.53	9.64					1							
25516	8.869	0.018	8.486	0.019		0.348	0.006	G	0.41	0.01	H	8.5589	0.0017	0.014	92		8.53	8.58					1							
25517	7.522	0.005	7.250	0.006		0.237	0.003	G	0.26	0.00	H	7.3006	0.0010	0.011	162		7.28	7.32		C			1							S
25518	11.069	0.043	9.732	0.022		1.134	0.038	T	1.10	0.04	L	9.8021	0.0028	0.033	177		9.75	9.86					1							
25519	10.078	0.032	9.741	0.035		0.366	0.015	G	0.43	0.02	H	9.7602	0.0030	0.021	79		9.73	9.81		C			1							
25520	10.270	0.021	9.912	0.022		0.348	0.027	T	0.41	0.04	L	10.0118	0.0029	0.036	197		9.94	10.06					1 S							
25521	10.944	0.038	9.663	0.020		1.125	0.003	G	1.07	0.02	A	9.7238	0.0026	0.032	182		9.65	9.78					1							
25522	9.777	0.021	9.686	0.028		0.111	0.013	G	0.12	0.01	H	9.7059	0.0026	0.017	96		9.68	9.75					1							
25523	10.746	0.065	9.640	0.039		0.920	0.020	G	0.96	0.02	I	9.7302	0.0026	0.024	68		9.70	9.76		C			1							G
25524	10.342	0.037	9.938	0.039		0.450	0.015	G	0.52	0.02	H	9.9176	0.0026	0.018	73		9.88	9.95		C			1							
25525	8.242	0.011	8.131	0.013		0.108	0.016	T	0.12	0.02	L	8.1740	0.0010	0.009	66		8.16	8.19		C			1							
25526	9.993	0.023	9.455	0.021	*	0.512	0.023	T	0.58	0.02	L	* 9.5089	0.0026	0.019	107	*	9.48	9.55		C	05275−7723	H 1	2 C S A	AB	21	0.141	0.009	0.24	0.52	
25527	9.342	0.014	8.917	0.014		0.441	0.015	G	0.51	0.02	H	8.9699	0.0018	0.021	160		8.94	9.01					1							
25528	7.783	0.010	7.278	0.009		0.485	0.010	T	0.56	0.01	L	7.3137	0.0015	0.012	82		7.29	7.33		C			1							S
25529	10.381	0.036	8.570	0.015		1.507	0.031	T	1.54	0.05	L	8.5373	0.0022	0.018	78		8.51	8.59					1							
25530	8.316	0.014	8.230	0.016		0.084	0.020	T	0.10	0.02	L	8.2543	0.0018	0.013	70		8.23	8.28		C			1							S
25531	8.521	0.017	8.135	0.018		0.377	0.021	T	0.44	0.02	L	8.1474	0.0024	0.016	99		8.12	8.18			05276−2055	I 1	1 S							
25532	7.393	0.005	6.185	0.003		1.032	0.002	G	0.95	0.04	E	6.2487	0.0005	0.007	159		6.24	6.26					1							S
25533	7.638	0.007	7.689	0.008	*	−0.027	0.012	G	−0.01	0.01	H	* 7.6790	0.0012	0.011	117	*	7.66	7.70		C	05276+0106	I 1	2 C B	AB	5	0.523	0.013	3.22	0.07	S
25534	10.443	0.055	10.144	0.067		0.284	0.081	T	0.32	0.10	L	10.1150	0.0033	0.025	60		10.06	10.15		C			1							G
25535	9.331	0.018	9.106	0.021		0.215	0.026	T	0.24	0.03	L	9.1870	0.0018	0.018	101		9.15	9.22					1							
25536	9.013	0.014	9.036	0.018		−0.020	0.006	G	0.00	0.01	H	9.0363	0.0014	0.016	92		9.01	9.07		C			1							
25537	11.162	0.067	10.743	0.076		0.396	0.094	T	0.46	0.10	L	10.7489	0.0038	0.045	89		10.65	10.86		C			1							G
25538	10.040	0.034	8.769	0.020		1.082	0.031	T	1.04	0.03	L	8.8612	0.0018	0.017	68		8.84	8.89					1							
25539	4.690	0.003	4.851	0.003		−0.140	0.000	G	−0.13	0.00	H	4.8286	0.0007	0.004	67		4.82	4.83			05276+2156	I 1	1							S
25540	11.823	0.156	10.663	0.089		0.988	0.142	T	0.97	0.11	L	10.7850	0.0286	0.221	66		10.47	11.75		U 2 C			1 G							G
25541	6.929	0.005	5.225	0.003		1.400	0.000	G	1.38	0.00	H	5.2363	0.0006	0.005	95		5.23	5.25		C	05277+3429	I 2	1							S
25542	6.762	0.005	6.764	0.006		0.003	0.007	T	0.02	0.01	L	6.7704	0.0007	0.007	79		6.75	6.78		C			1							S
25543	7.455	0.005	7.302	0.006	A	0.158	0.010	G	0.17	0.01	H	* 7.2952	0.0007	0.010	175	*	7.28	7.31		D	05277+7433	I 1	2 C A	AB	356	1.486	0.012	2.86	0.04	S
25544	7.939	0.009	7.085	0.006		0.755	0.017	G	0.79	0.02	A	7.1340	0.0014	0.014	101		7.11	7.15		U 2			1							S
25545	9.659	0.016	9.158	0.016		0.471	0.021	T	0.54	0.02	L	9.2302	0.0017	0.020	121		9.20	9.28					1							
25546	8.634	0.012	8.169	0.011		0.438	0.015	T	0.51	0.02	L	8.2130	0.0014	0.013	85		8.19	8.24		C			1							S
25547	10.210	0.028	8.858	0.016		1.120	0.015	G	1.07	0.02	A	8.9254	0.0021	0.015	102		8.89	8.95		C			1							
25548	8.065	0.009	8.118	0.012		−0.061	0.013	G	−0.04	0.01	H	8.1259	0.0008	0.009	99		8.11	8.14					1							S
25549	8.390	0.011	8.117	0.012		0.320	0.000	G	0.37	0.00	H	8.1141	0.0017	0.011	93		8.09	8.14			05277+3429	I 2	1							
25550	10.260	0.039	9.440	0.030		0.740	0.038	T	0.79	0.03	L	9.5064	0.0025	0.016	70		9.48	9.55		C			1							G
25551	7.677	0.005	7.526	0.006		0.140	0.015	G	0.20	0.02	A	7.5542	0.0010	0.011	175		7.53	7.57					1							S
25552	7.720	0.008	7.807	0.009		−0.075	0.011	T	−0.05	0.01	L	7.8021	0.0013	0.013	97		7.78	7.82					1							S
25553	7.985	0.007	6.944	0.005		0.905	0.006	T	0.91	0.00	L	7.0203	0.0013	0.011	123		7.00	7.04		C			1 X S							S
25554	11.029	0.070	10.418	0.064		0.579	0.072	G	0.65	0.07	R	10.4843	0.0042	0.025	68		10.44	10.52		C			1							G
25555	5.529	0.003	5.513	0.004		0.015	0.004	T	0.03	0.00	L	5.5302	0.0006	0.005	80		5.52	5.54					1							S
25556	12.027	0.136	9.445	0.025	A	1.500	0.495	G	1.56	0.53	K	* 9.1809	0.0020	0.018	80	*	9.14	9.21		D	05278+2608	I 1	2 C D	AB	314	1.134	0.045	2.88	0.16	D
25557	7.332	0.006	7.483	0.008		−0.136	0.008	G	−0.13	0.02	A	7.4708	0.0013	0.010	94		7.45	7.49		C			1							S
25558	7.569	0.005	7.503	0.007		0.060	0.008	T	0.07	0.01	L	7.5119	0.0014	0.008	88		7.50	7.53		C			1							S
25559	11.777	0.086	10.280	0.036		1.203	0.004	G	1.34	0.01	I	10.2330	0.0034	0.035	137		10.17	10.31		C			1 X S							G
25560	9.570	0.018	7.757	0.008		1.509	0.016	T	1.54	0.02	L	7.7471	0.0022	0.016	92		7.72	7.77					1 S							
25561	8.698	0.012	8.602	0.015		0.094	0.018	T	0.11	0.02	L	8.6322	0.0013	0.012	80		8.61	8.65		C			1							
25562	7.974	0.006	6.925	0.004	*	0.911	0.005	T	0.91	0.00	L	* 6.9775	0.0009	0.008	143	*	6.96	7.00		D	05278−3225	I 1	2 C A	AC	268	0.315	0.011	2.83	0.13	S
25563	8.737	0.012	8.753	0.016		0.095	0.015	G	0.11	0.02	H	8.7672	0.0022	0.015	84		8.74	8.79					1							
25564	9.075	0.013	8.623	0.013		0.435	0.015	G	0.50	0.02	H	8.6804	0.0019	0.019	131		8.64	8.72					1							
25565	8.618	0.012	8.410	0.013	*	0.192	0.018	T	0.21	0.02	L	* 8.3598	0.0258	0.196	89	*	8.26	8.81	1.81	P 1 A	05279+3447	H 1	2 C S C	AB	214	0.130	0.046	1.36	1.01	
25566	8.677	0.015	8.160	0.014		0.505	0.015	G	0.58	0.02	H	8.2165	0.0022	0.015	97		8.19	8.24					1							S
25567	7.677	0.007	7.782	0.008		−0.087	0.003	G	−0.07	0.00	H	7.7758	0.0010	0.011	112		7.76	7.79		C			1							S
25568	9.311	0.015	8.143	0.010		1.002	0.014	T	0.98	0.01	L	8.2025	0.0014	0.012	101		8.19	8.22		C			1							
25569	8.474	0.013	6.686	0.007		1.489	0.012	T	1.51	0.02	L	6.6354	0.0017	0.013	81		6.62	6.66		M			1							S
25570	10.115	0.024	8.812	0.013		1.107	0.021	T	1.07	0.02	L	8.8644	0.0019	0.017	122		8.82	8.90		C			1							
25571	10.697	0.044	9.913	0.033		0.712	0.043	T	0.77	0.04	L	10.0084	0.0032	0.026	100		9.96	10.06					1							G
25572	8.512	0.011	8.275	0.012	A	0.700	0.495	G	0.23	0.03	L	* 8.3041	0.0018	0.012	72	*	8.29	8.33		C	05279+2318	I 1	2 C C	AB	112	4.598	0.070	3.91	0.25	S
25573	8.357	0.010	7.647	0.008		0.640	0.010	T	0.70	0.01	L	7.6978	0.0012	0.013	117		7.68	7.73					1 S							S
25574	9.012	0.013	8.704	0.014		0.290	0.015	G	0.33	0.02	H	8.7492	0.0018	0.013	103		8.73	8.77		C			1							
25575	8.769	0.014	7.339	0.008		1.207	0.013	T	1.17	0.01	L	7.3653	0.0011	0.009	81		7.35	7.38		C			1							S
25576	8.636	0.010	7.674	0.008	A	0.800	0.495	G	0.84	0.01	L	* 7.7078	0.0010	0.010	109	*	7.69	7.73		D	05280−3854	I 1	2 C A	AB	277	1.268	0.032	3.19	0.10	S
25577	8.212	0.009	8.160	0.011		0.053	0.013	T	0.07	0.01	L	8.1859	0.0053	0.033	82		8.15	8.23	0.76	P 1 A			1							S P
25578						1.653	0.010	G	2.69	0.02	A	12.4665	0.0130	0.082	63		12.24	12.61					1							D
25579	10.765	0.042	8.904	0.016		1.547	0.036	T	1.61	0.08	L	8.8038	0.0062	0.041	102		8.74	8.86		U 2			1							
25580	6.995	0.005	6.466	0.005		0.510	0.004	G	0.58	0.00	H	6.5206	0.0008	0.007	92		6.51	6.53		C	05280+3346	I 1	1							S
25581	9.387	0.017	8.107	0.010		1.089	0.015	T	1.05	0.02	L	8.1641	0.0013	0.010	103		8.15	8.18					1 G							
25582	6.168	0.003	6.364	0.004		−0.173	0.006	G	−0.19	0.03	C	6.3397	0.0010	0.009	126		6.33	6.35					1							S
25583	7.881	0.010	5.954	0.004		1.634	0.009	T	1.81	0.03	O	5.8679	0.0015	0.012	68		5.85	5.88		U 2			1							S
25584	10.520	0.062	10.208	0.073		0.296	0.090	T	0.34	0.12	L	10.2866	0.0055	0.041	67		10.23	10.36			05281+4022	I 4	1 X S							G
25585	9.163	0.018	9.055	0.022		0.105	0.027	T	0.12	0.03	L	9.1796	0.0036	0.024	70		9.15	9.22		C	05281+4022	I 4	1							
25586	9.494	0.020	8.739	0.017		0.689	0.021	T	0.75	0.02	L	8.8131	0.0017	0.010	69		8.80	8.83		C			1							
25587	10.079	0.032	8.866	0.020		1.037	0.029	T	1.01	0.02	L	8.9690	0.0029	0.018	69		8.95	9.00			05281+4022	I 4	1							
25588	10.473	0.041	9.503	0.028		0.852	0.037	T	0.87	0.03	L	9.5550	0.0026	0.021	86		9.52	9.59		C			1 S							G
25589	7.663	0.008	6.937	0.007		0.666	0.009	T	0.73	0.01	L	6.9866	0.0011	0.008	73		6.97	7.00		C			1							S
25590	9.365	0.018	9.008	0.019		0.372	0.015	G	0.43	0.02	H	9.0657	0.0019	0.014	85		9.04	9.09		C			1							
25591	9.672	0.018	9.497	0.022		0.168	0.027	T	0.18	0.03	L	9.5155	0.0020	0.018	125		9.49	9.55		P 1 A			1							
25592	8.240	0.010	8.348	0.013		−0.077	0.005	G	−0.06	0.01	H	8.3279	0.0018	0.014	103		8.31	8.35		C	05282+0047	I 1	1 S							
25593	10.750	0.059	10.624	0.082		0.230	0.015	G	0.26	0.02	H	10.6200	0.0027	0.035	82		10.57	10.67		C			1							D
25594	8.410	0.010	8.368	0.012		0.035	0.007	G	0.05	0.01	H	8.3893	0.0014	0.012	89		8.37	8.41		C			1 S							
25595	9.522	0.018	9.163	0.019		0.340	0.024	T	0.40	0.03	L	9.1824	0.0019	0.017	131		9.15	9.21		C	05282+0223	I 1	1 S							
25596	10.911	0.063	9.141	0.024		1.475	0.053	T	1.49	0.08	L	9.0220	0.0034	0.027	98		8.97	9.07		U			1							
25597	9.676	0.026	9.601	0.034		0.074	0.040	T	0.09	0.04	L	9.6936	0.0042	0.024	69		9.65	9.73			05281+4022	I 4	1							G
25598	9.621	0.018	9.153	0.018		0.441	0.023	T	0.51	0.02	L	9.2382	0.0018	0.021	128		9.21	9.27		C			1							
25599	10.589	0.046	10.431	0.062		0.190	0.015	G	0.21	0.02	H	10.5785	0.0104	0.077	85		10.52	10.75	1.42	P 1 A			1							D
25600	8.390	0.017	8.460	0.022	A	−0.070	0.015	G	−0.05	0.01	H	8.5074	0.0094	0.024	95	A	8.41	8.55		D	05282−0157	I 2	1 C P B							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
25601		05 28 13.15	−26 44 16.8	8.45		H	82.054 774 50	−26.737 986 64		1.92	4.86	4.85	0.63	0.79	1.08	0.74	0.94	−7	+6	−20	−16	−4	+17	−3	+4	−5	+0	0	−0.93
25602		05 28 13.17	−32 49 22.5	7.75		H	82.054 889 73	−32.822 927 12		7.25	−19.74	4.82	0.47	0.57	0.66	0.51	0.70	−14	+15	+3	+15	+0	+10	+0	+18	−2	−8	2	1.08
25603		05 28 13.47	−01 56 49.2	9.48		H	82.056 132 12	−01.946 993 20	B	−17.44	7.34	10.86	8.92	5.76	6.44	6.60	4.54	−6	+38	−14	+1	−29	+9	−31	+11	−22	−8	10	2.15
25604		05 28 13.79	−49 09 18.4	8.31		H	82.057 451 02	−49.155 123 16		10.98	10.19	105.81	0.61	0.69	0.71	0.71	0.81	−12	+17	+9	+13	−7	+9	−9	+16	−8	−20	0	0.69
25605		05 28 14.45	+37 13 46.1	8.35		H	82.060 219 61	+37.229 460 41		2.46	0.66	−22.13	1.05	0.57	1.16	1.14	0.59	−5	+46	−16	+34	+5	+11	+12	+8	+13	+7	0	0.21
25606		05 28 14.73	−20 45 33.2	2.81		H	82.061 359 71	−20.759 232 14		20.49	−5.03	−85.92	0.55	0.57	0.85	0.93	0.73	+8	−13	−43	−34	−24	+48	−4	−30	+4	+2	0	0.99
25607		05 28 15.06	+79 11 29.4	8.53		H	82.062 765 85	+79.191 506 60		0.36	−15.03	−1.13	0.64	0.77	0.92	0.68	0.89	+6	+25	−3	+24	+7	+22	+13	+8	+16	+16	3	0.79
25608		05 28 15.33	−37 13 51.4	5.56		H	82.063 862 07	−37.230 931 30		11.10	11.90	67.75	0.42	0.42	0.52	0.42	0.49	+0	−4	−8	−9	−13	+18	−12	+10	+0	−5	1	−0.38
25609		05 28 16.04	+12 15 07.7	9.10		H	82.066 854 15	+12.252 135 03		1.81	−4.70	−3.68	1.23	0.77	1.25	1.45	0.80	+35	+36	+4	−1	+15	−3	+11	+54	−6	+38	0	−1.35
25610		05 28 16.25	−59 08 47.2	8.64	2	H	82.067 703 00	−59.146 443 93		3.09	−8.75	−20.59	0.77	0.73	0.79	0.87	0.93	−8	−15	+11	−15	−7	−2	−8	+10	+8	−12	0	1.08
*25611		05 28 18.53	−61 15 43.1	9.29		H	82.077 191 42	−61.261 959 08		9.55	88.41	39.47	0.79	0.85	0.85	0.88	1.14	−6	+14	+4	+11	−10	−5	−12	+14	−10	−19	0	3.93
*25612		05 28 18.44	−81 46 27.5	10.12		G	82.076 822 29	−81.774 306 87		32.84	−29.03	−441.37	0.92	0.94	0.99	0.98	1.13	+0	+15	+2	+4	−12	−9	−14	+30	−12	−6	1	1.77
25613		05 28 19.33	+21 26 37.3	8.67		H	82.080 545 34	+21.443 683 57		7.10	8.25	−24.79	1.26	0.68	1.42	1.35	0.68	+1	+40	−12	−11	+39	+17	+17	+39	−18	+26	0	1.53
25614		05 28 20.03	+31 02 55.5	10.13		H	82.083 473 46	+31.048 762 87		8.99	−1.08	−53.89	1.69	0.93	1.76	1.99	0.94	+21	+22	−11	+27	+28	+5	+26	+27	+6	+40	0	0.71
25615		05 28 20.33	−67 24 18.3	10.59	2	H	82.084 717 27	−67.405 089 00		0.77	0.80	−0.05	1.21	1.26	1.24	1.30	1.64	−18	+2	+8	−25	+14	+0	+16	−18	−6	−35	0	−0.46
25616		05 28 21.11	−22 26 03.4	6.78		H	82.087 975 29	−22.434 284 82		28.28	−136.68	147.17	0.40	0.54	0.81	0.59	0.83	+9	+13	−14	−11	−32	+11	−33	−12	−15	+15	0	0.35
25617		05 28 21.55	−53 53 07.1	8.01		G	82.089 806 53	−53.885 309 19		4.27	−4.65	−1.04	0.60	0.58	0.63	0.61	0.64	−6	+6	+4	+6	−17	+10	−19	+9	−12	−11	0	1.17
25618		05 28 22.29	+18 06 06.6	9.35		H	82.092 870 79	+18.101 827 78		6.09	−66.82	−63.50	1.43	0.84	1.58	1.90	0.86	+2	+35	−22	+15	+15	−10	+6	+51	−10	+19	0	−1.25
25619		05 28 23.73	−32 02 38.3	8.96		H	82.098 877 87	−32.043 971 45		0.69	−0.69	−0.08	0.65	0.74	0.96	0.72	0.88	−9	+13	−8	−9	+2	+15	+4	+4	+2	−9	0	0.90
25620		05 28 24.25	+58 40 30.2	8.16		H	82.101 043 74	+58.675 059 26		6.13	7.64	−60.68	0.71	0.64	0.99	0.82	0.67	+13	+7	−4	−4	+21	−12	+20	−23	−11	+27	0	1.91
25621		05 28 25.71	+22 44 33.5	7.21		H	82.107 107 34	+22.742 633 38		5.63	−0.46	−35.67	0.92	0.58	1.02	1.23	0.61	+27	+15	−19	+24	+35	−29	+24	+56	−26	+36	2	0.44
25622		05 28 25.75	+00 01 13.3	6.66		H	82.107 307 41	+00.020 360 30		5.43	−3.00	−8.47	0.69	0.47	0.85	0.89	0.51	+13	+15	−18	−13	−39	+11	−35	+5	−4	+23	0	0.31
25623		05 28 26.28	−03 29 51.4	7.65		H	82.109 481 29	−03.497 617 80		77.03	−306.64	−797.13	0.69	0.48	0.91	0.79	0.56	+5	+29	−10	−1	−10	−1	−15	+11	−23	+7	0	0.67
25624		05 28 26.40	+34 41 50.9	6.56		H	82.109 991 04	+34.697 480 67		8.49	8.39	−10.57	0.86	0.44	0.95	0.89	0.45	+14	+52	+4	+18	−2	+11	+6	+12	+13	+23	0	−0.07
25625		05 28 26.76	−58 14 59.3	8.65		H	82.111 510 84	−58.249 809 68		2.80	7.55	−45.79	0.79	0.72	0.80	1.04	0.97	−7	−13	−4	−18	−4	+8	−1	+3	−13	−15	0	0.82
25626		05 28 26.99	−58 22 25.0	8.95		H	82.112 468 72	−58.373 614 62		3.41	−6.17	18.01	0.82	0.75	0.83	1.04	0.99	+0	−9	+1	−22	−6	+2	−2	−1	−17	−11	0	0.21
25627		05 28 28.01	−39 22 15.7	9.20		H	82.116 694 80	−39.371 026 79		25.36	87.13	20.53	0.74	0.81	0.94	0.90	1.01	−11	−8	+2	−4	−8	+10	−6	+1	+1	+1	1	1.77
25628		05 28 28.87	+50 56 22.7	8.97		H	82.120 308 41	+50.939 639 47		0.19	0.50	−2.36	1.50	0.79	1.66	1.24	0.77	−22	+64	−11	+27	−22	+12	−23	+0	−14	−18	2	2.13
25629		05 28 29.30	+16 15 11.8	9.59		H	82.122 070 51	+16.253 267 40		5.18	19.44	−1.67	1.94	0.95	2.21	1.84	0.96	−13	+60	−29	−7	+28	+3	−8	+56	−27	+35	0	−2.22
*25630		05 28 29.94	+74 18 27.1	6.99		H	82.124 762 72	+74.307 519 20		5.04	12.77	−22.99	0.35	0.47	0.61	0.38	0.57	−1	+13	+3	+1	+5	+15	+5	−3	+0	−4	1	0.22
*25631		05 28 29.91	−11 04 08.4	9.49		H	82.124 607 66	−11.069 008 54		1.59	−0.36	−0.58	0.99	0.99	1.44	1.24	1.21	−9	+4	−22	+6	−11	−13	−17	−3	−9	−31	2	−0.71
*25632	H	05 28 30.52	−29 20 57.5	8.90		H	82.127 173 51	−29.349 294 13	A	5.97	−24.72	39.51	1.73	2.47	1.74	1.38	1.86	−37	+8	−8	+3	−6	−1	−1	+9	+7	−11	2	−0.84
*25633		05 28 30.50	+35 27 24.6	9.46		H	82.127 080 28	+35.456 836 03		2.00	0.40	−3.14	1.38	0.79	1.50	1.96	0.89	+25	+20	−4	−2	−3	+17	+0	−3	+14	+44	0	−0.78
25634		05 28 31.26	−12 36 03.7	9.81		G	82.130 263 10	−12.601 040 86		8.25	11.66	12.41	1.33	1.15	1.81	1.45	1.49	+3	+31	−13	+4	−30	+16	−45	−20	−35	−31	0	0.71
25635		05 28 31.32	+52 12 51.9	11.14		G	82.130 502 21	+52.214 417 02		9.72	13.95	−216.16	1.97	1.62	2.56	2.55	1.63	+12	+15	−13	+8	−13	+37	−4	−17	+6	+27	0	−0.13
25636		05 28 33.23	−04 41 49.3	7.48		G	82.138 455 35	−04.697 014 32		3.90	−6.69	−5.17	0.86	0.58	1.04	1.04	0.68	−10	+37	−18	+12	−4	+12	−8	+27	−20	−14	2	0.97
25637		05 28 34.64	+65 41 45.9	8.90		H	82.144 351 99	+65.696 088 70		2.20	0.77	−7.15	0.63	0.67	1.10	0.76	0.85	−31	+18	−18	−4	+19	−20	+17	+6	+2	−24	0	0.65
25638		05 28 34.77	+13 40 44.5	6.35		H	82.144 865 08	+13.679 015 80		10.13	10.32	−15.07	0.87	0.48	0.96	0.96	0.50	+22	+50	−3	+10	+22	−20	+7	+57	−23	+27	0	1.15
25639		05 28 35.13	+32 51 58.1	8.50		H	82.146 359 52	+32.866 132 38		11.58	54.89	−49.90	1.02	0.55	1.13	1.11	0.56	+12	+41	−9	+11	+16	+1	+16	+13	+9	+29	0	0.35
25640		05 28 36.10	+04 56 59.0	8.63		H	82.150 417 93	+04.949 727 36		3.11	−7.18	0.31	1.07	0.58	1.26	1.17	0.57	−2	+41	−15	−5	−26	−7	−27	+19	−14	+3	0	−0.14
25641	H	05 28 37.65	−45 48 05.0	9.16		H	82.156 857 09	−45.801 401 28	*	6.53	30.05	47.82	0.77	0.90	0.89	1.14	1.12	−6	+16	−7	+32	−18	+5	−17	+25	−12	−6	0	0.72
25642		05 28 39.24	+42 26 15.9	9.75	3	H	82.163 496 13	+42.437 738 87		−0.40	0.00	−2.77	1.29	0.85	1.47	1.48	0.87	+8	+35	+9	+7	+2	+9	+0	−12	−3	+9	0	−0.49
25643		05 28 40.37	−02 44 01.2	9.16		G	82.168 205 04	−02.733 678 65		3.38	−2.16	1.20	1.15	0.74	1.51	1.28	0.84	+2	+38	−19	−20	−15	+5	−22	+8	−23	+12	0	0.20
25644		05 28 40.99	−08 22 22.8	10.52		H	82.170 801 11	−08.372 999 36	B	−20.32	27.22	5.60	61.16	48.04	37.89	32.65	28.20	+2	+40	−21	+0	−31	+6	−32	−20	+2	+0	3	0.49
25645		05 28 42.09	+01 13 37.3	7.47		H	82.175 360 47	+01.227 031 45		9.63	8.89	−25.37	0.71	0.45	0.93	0.83	0.49	+7	+28	+7	+8	−36	+4	−35	+18	−20	+1	0	−0.08
25646		05 28 42.50	−08 22 36.0	6.75		H	82.177 069 01	−08.376 678 85	A	4.34	−13.39	2.94	1.53	1.29	1.54	1.47	1.29	+10	+37	−24	−10	−25	+0	−24	−19	+3	+14	3	0.49
25647		05 28 44.78	−65 26 56.2	6.88	2	H	82.186 595 39	−65.448 937 35		66.92	32.14	150.97	0.51	0.56	0.54	0.53	0.73	+12	+18	+10	−10	+10	−8	+4	−9	−16	+17	1	−0.01
25648		05 28 45.29	+01 38 38.2	6.91	1	H	82.188 691 93	+01.643 935 63		3.30	0.47	0.60	0.67	0.43	0.88	0.80	0.47	+11	+28	+7	+14	−31	+8	−30	+25	−19	+3	1	−1.09
25649		05 28 45.64	+69 20 11.3	8.28		H	82.190 148 54	+69.336 485 00		3.44	10.50	−23.03	0.58	0.78	1.19	0.66	0.94	−12	+12	−4	−25	+9	+0	+5	+1	−23	−6	2	0.80
25650		05 28 46.83	+54 55 46.0	8.51		H	82.195 107 50	+54.929 453 06		3.06	4.83	−1.66	0.77	0.66	1.08	0.98	0.82	+10	+12	−3	+11	+1	−13	−2	+0	−3	−2	0	0.62
25651		05 28 47.66	−24 15 39.6	7.32		H	82.198 599 80	−24.261 009 26		12.78	8.97	−24.56	0.34	0.56	0.78	0.41	0.77	−7	+7	−9	−4	−9	+2	−10	+3	−4	−12	2	2.76
25652		05 28 47.80	+23 57 29.1	8.88		H	82.199 183 87	+23.958 085 86		9.06	−20.58	−40.26	1.51	0.80	1.80	1.64	0.79	+11	+49	−35	+17	+47	−31	+16	+61	−31	+47	0	−0.14
25653		05 28 47.94	+78 18 02.1	6.72	1	H	82.199 739 34	+78.300 589 25		9.16	17.14	−87.74	0.46	0.52	0.67	0.49	0.64	+5	+30	−3	+6	+3	+2	+8	−3	+12	+19	1	0.31
25654		05 28 48.27	−13 32 31.1	9.19		G	82.201 128 12	−13.541 962 05		18.95	114.80	−161.67	1.11	1.11	1.51	1.07	1.24	−12	+13	−9	+21	−47	−14	−56	−2	−12	−18	0	0.10
25655		05 28 48.46	+02 09 53.0	7.14	2	H	82.201 906 20	+02.164 714 80		2.56	−1.89	0.31	0.73	0.43	0.92	0.85	0.46	−10	+30	−1	+23	−32	−3	−34	+27	−25	−12	2	−1.36
25656		05 28 49.73	+06 00 33.4	8.03		G	82.207 228 27	+06.009 276 41		6.49	−6.39	5.83	0.98	0.61	1.06	1.34	0.66	+0	+14	−9	+9	−4	+3	−5	+46	−16	+1	0	−0.29
25657		05 28 50.10	+16 25 36.0	7.63		H	82.208 739 12	+16.426 670 06		4.53	7.14	−13.93	0.97	0.57	1.07	1.07	0.58	+17	+30	−4	−4	+41	+9	+18	+57	−20	+37	0	0.61
25658	H	05 28 50.45	−40 00 30.5	8.50		H	82.210 215 05	−40.008 460 49	B	7.80	−14.89	−5.06	1.57	2.60	0.88	0.79	0.98	−5	+6	−4	−4	−7	−5	−13	−12	−4	+1	1	0.13
*25659		05 28 50.68	−29 53 45.4	11.61		G	82.211 158 52	−29.895 940 32		7.69	375.48	−272.82	1.51	1.99	2.47	1.74	2.67	−7	+8	−12	−11	+4	+1	+2	+19	−11	+1	0	−0.43
*25660		05 28 50.67	−33 49 55.0	9.05		H	82.211 131 98	−33.831 955 32		−0.19	8.29	5.35	0.71	0.76	0.94	0.76	0.85	−7	+27	−14	−2	−13	+14	−10	+5	+2	−3	0	−0.99
25661		05 28 51.35	−51 34 36.7	8.99		H	82.213 972 98	−51.576 863 97		1.38	3.01	3.12	0.63	0.72	0.71	0.77	0.80	−19	−3	+15	+9	−17	+4	−16	−7	−9	−20	0	−0.05
25662		05 28 51.58	+12 33 04.9	6.71		H	82.214 918 83	+12.551 353 47		34.55	81.49	−218.40	0.87	0.52	0.88	0.97	0.54	+35	+42	−1	−2	+17	−8	+9	+51	−12	+44	2	1.77
25663		05 28 51.81	−50 42 55.2	7.59		H	82.215 889 37	−50.715 328 87		2.45	−0.64	−8.91	0.52	0.55	0.57	0.61	0.64	−13	+3	+12	+16	−9	+7	−11	+0	−10	−17	0	1.21
25664		05 28 52.59	−00 36 11.0	8.06		G	82.219 114 88	−00.603 063 15		4.19	2.79	0.63	0.77	0.53	0.91	0.98	0.59	+7	+17	−10	−5	−34	−1	−31	+1	−5	+11	0	−0.48
25665	H	05 28 53.59	+67 54 56.9	8.24		H	82.223 286 11	+67.915 791 68	A	2.34	−1.51	−0.68	1.00	1.13	1.45	1.27	1.37	+6	−4	+1	+39	+22	−13	+19	+16	+8	−1	0	−0.05
25666		05 28 54.18	+09 26 36.9	8.08		G	82.225 766 28	+09.443 572 82		10.16	14.15	−11.07	1.03	0.64	1.06	1.01	0.63	+34	+33	−5	+2	+21	+1	+15	+50	−13	+36	2	0.31
25667	H	05 28 56.91	−03 18 26.7	6.39		G	82.237 130 70	−03.307 412 04	*	4.28	−3.29	−6.96	0.61	0.42	0.80	0.69	0.49	+9	+34	−9	−1	−7	+1	−14	+15	−24	+14	0	0.37
25668		05 28 58.01	+20 26 30.8	7.26		H	82.241 711 04	+20.441 892 13		2.82	12.87	−28.67	0.95	0.59	1.03	1.15	0.60	+3	+22	−7	−15	+44	+4	+21	+48	−23	+26	0	0.96
25669		05 28 58.37	−04 42 02.0	10.23		H	82.243 204 88	−04.700 547 01		4.28	−10.15	3.06	1.80	1.27	2.17	2.38	1.46	−14	+20	−29	+16	−23	+17	−18	+13	−4	−10	4	0.61
25670		05 28 59.18	−17 25 44.6	8.27		H	82.246 582 27	−17.429 057 77		21.35	−84.60	−74.53	0.65	0.82	1.09	0.78	0.95	+27	+7	−4	+1	−8	−17	−9	+8	−13	+8	0	−0.19
25671		05 28 59.67	+13 08 55.0	8.05		H	82.248 643 33	+13.148 609 93		3.52	−16.30	−40.91	1.17	0.59	1.27	1.44	0.61	+9	+51	−9	−12	+4	−20	−8	+52	−19	+24	0	−2.28
25672		05 28 59.93	+39 02 54.4	9.94	3	H	82.249 727 69	+39.048 432 22		6.30	14.48	−15.24	1.85	1.12	2.27	2.03	1.25	−2	+56	−30	+23	+12	+27	+21	+5	+7	+42	0	0.49
25673		05 29 00.89	−04 41 32.7	11.16	3	H	82.253 692 20	−04.692 403 61		0.32	14.77	−10.87	2.36	1.72	2.56	3.01	2.01	−16	−11	−21	+54	−20	−16	−22	+60	−11	−9	0	0.28
25674		05 29 01.08	+42 16 14.1	6.58		H	82.254 496 50	+42.270 590 01		7.31	34.18	−30.43	0.74	0.54	0.78	0.83	0.61	+21	+34	−9	+27	+24	+5	+22	+25	−4	+36	0	1.36
25675		05 29 01.40	−02 46 32.1	8.65		G	82.255 819 09	−02.775 582 51		5.71	−26.11	28.49	0.99	0.63	1.30	1.10	0.69	+5	+38	−14	−16	−18	+9	−22	+2	−20	+9	0	1.75
25676		05 29 01.87	−41 11 41.5	9.30		H	82.257 789 67	−41.194 858 57		6.66	7.30	103.54	0.72	0.77	0.88	0.71	0.90	+7	+9	−2	−12	−3	+8	−4	+6	−13	+0	1	−0.48
25677		05 29 02.05	+10 14 58.1	10.98		H	82.258 554 58	+10.249 473 03		17.90	122.04	−79.77	3.52	1.56	3.89	3.11	1.60	+10	+69	+4	−3	+8	−9	−3	+46	−10	+19	0	0.56
25678		05 29 02.79	+14 44 38.9	10.26		H	82.261 613 42	+14.744 131 18		5.67	21.08	−45.34	1.67	0.98	1.84	2.09	1.00	+21	+34	−4	+8	+26	−15	+13	+55	−23	+26	0	0.42
25679		05 29 03.27	−19 08 34.0	8.32		H	82.263 635 75	−19.142 764 56		20.85	8.12	−80.09	0.64	0.74	1.06	1.03	1.11	−9	+20	−15	−8	−14	−12	−13	+2	+5	−10	1	1.66
25680		05 29 05.24	−16 32 21.8	10.97		G	82.271 847 26	−16.539 385 65		7.32	289.25	−89.57	1.49	1.56	2.04	1.34	1.66	+17	+34	+7	−10	−27	−5	−31	−17	−9	+4	0	0.22
25681		05 29 05.83	−06 38 05.6	8.74	2	H	82.274 309 20	−06.634 889 78		2.37	−7.99	7.78	0.92	0.82	1.28	0.99	0.84	−3	+28	−33	+6	−32	+16	−26	−17	+6	+1	2	−0.58
25682		05 29 05.88	−07 46 38.8	9.02		H	82.274 520 50	−07.777 443 96		4.06	4.22	4.40	1.19	0.91	1.54	1.22	1.04	−10	+44	−19	+18	−18	+12	−17	−2	−5	+3	0	−0.34
25683		05 29 06.37	+01 09 15.4	8.16		H	82.276 558 35	+01.154 275 26		3.67	12.89	−20.60	1.01	0.63	1.18	1.33	0.65	+28	+15	−11	−26	−54	+19	−48	−11	−9	+30	0	−1.03
25684		05 29 06.48	−66 41 13.3	8.11		H	82.277 007 71	−66.687 032 33		2.48	−2.74	12.33	0.64	0.69	0.69	0.67	0.90	−2	+27	+4	−27	−7	−5	−7	−12	−2	−17	0	−0.22
25685		05 29 06.69	−30 07 00.3	6.75		G	82.277 885 36	−30.116 747 85		6.24	−11.59	9.07	0.44	0.52	0.70	0.49	0.67	+2	+17	−14	−5	+1	+12	−1	+14	−18	+8	0	−1.04
25686		05 29 06.85	−05 26 41.5	7.53		H	82.278 530 20	−05.444 859 17		2.37	9.25	4.76	0.91	0.67	1.18	0.99	0.74	−3	+39	−20	+15	−19	+8	−16	+3	+0	+9	5	−0.71
25687		05 29 07.97	+24 12 54.7	9.52		H	82.283 203 09	+24.215 188 79		2.09	−2.88	−3.43	1.52	0.95	1.61	1.89	0.97	+30	+7	−12	+28	+43	−19	+34	+58	−26	+40	0	0.38
25688		05 29 08.33	−17 19 15.8	7.95		H	82.284 710 22	−17.321 048 80		3.25	4.67	0.33	0.63	0.77	1.03	0.74	0.92	+24	+17	+4	−1	−7	−13	−8	+4	−14	+7	0	0.58
25689		05 29 08.39	+11 52 12.7	9.85	2	H	82.284 960 33	+11.870 186 78		3.25	1.13	3.18	1.36	0.82	1.44	1.51	0.85	+27	+34	−9	+11	+22	−6	+12	+54	−16	+39	0	1.74
25690		05 29 08.88	−70 49 31.8	8.07		G	82.286 996 77	−70.825 508 58		3.09	7.50	11.32	0.72	0.65	0.75	0.69	0.68	−10	+35	−6	−5	−16	+11	−19	−5	−12	−27	0	0.07
25691		05 29 08.92	−05 47 27.6	7.96		G	82.287 177 57	−05.791 003 47		2.56	1.84	0.54	0.89	0.63	1.20	0.89	0.69	+6	+45	−17	+2	−19	−3	−17	+0	+0	+12	0	−1.10
25692		05 29 11.21	−64 59 59.4	8.68		H	82.296 700 67	−64.999 843 86		4.74	14.58	28.08	0.60	0.70	0.67	0.66	0.85	+2	+9	+2	+3	+16	−1	+17	−5	−8	+5	0	1.29
25693		05 29 13.82	−61 55 17.1	8.36		H	82.307 563 68	−61.921 426 63		4.35	15.65	0.09	0.71	0.69	0.75	0.72	0.82	+3	+19	+2	−27	−4	−6	−4	−26	−4	+10	0	0.32
25694		05 29 15.59	+21 18 57.5	8.15		H	82.314 966 55	+21.315 960 90		11.17	9.43	−27.09	1.11	0.59	1.28	1.23	0.60	+3	+34	−14	−12	+35	+22	+15	+38	−17	+30	2	3.05
25695	H	05 29 16.49	+25 09 01.1	5.47		G	82.318 719 86	+25.150 305 96	A	7.52	11.44	−37.36	1.30	0.92	1.09	1.45	0.75	+23	+11	−15	+15	+38	−29	+22	+57	−18	+28	1	2.00
25696		05 29 16.71	+32 11 58.4	7.06		H	82.319 623 48	+32.199 564 49		8.91	9.92	−41.73	1.02	0.52	1.14	1.04	0.55	+15	+52	−10	+15	−3	+4	+11	+12	+18	+36	0	−0.15
25697		05 29 17.06	−25 17 24.5	8.50		H	82.321 100 66	−25.290 129 99		3.92	0.30	−4.63	0.58	0.80	1.09	0.72	1.06	−9	−4	−1	−16	−7	+8	−7	−5	−5	−14	0	0.10
*25698		05 29 17.38	+10 08 09.6	8.74		H	82.322 397 74	+10.136 013 65		6.37	24.57	−17.58	1.55	0.86	1.67	1.72	0.92	+22	+49	−2	+1	+19	−9	+3	+53	−15	+41	4	2.20
*25699		05 29 17.35	−42 03 58.3	8.96		H	82.322 271 68	−42.066 195 04		1.45	−8.28	10.15	0.74	0.75	0.89	0.83	0.97	−2	+9	−5	−15	+3	−3	−1	+10	−29	+5	0	−1.15
*25700		05 29 17.32	−62 18 51.1	6.60		H	82.322 154 44	−62.314 203 95		4.05	4.07	−21.51	0.49	0.48	0.54	0.49	0.53	+3	+26	+1	−20	+7	−11	+7	−24	−8	+14	1	1.47

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
25601	10.110	0.021	8.580	0.010		1.285	0.018	T	1.24	0.02	L	8.6038	0.0017	0.018	156		8.57	8.64				1							
25602	7.923	0.007	7.767	0.007		0.142	0.009	T	0.16	0.01	L	7.8011	0.0012	0.012	144		7.78	7.83				1							S
25603	9.520	0.025	9.375	0.031	B	0.140	0.038	T	0.15	0.04	L	9.4951	0.0181			B				D	05282−0157	I 2	1 C I B						
25604	8.760	0.011	8.355	0.011		0.396	0.013	T	0.46	0.01	L	8.3954	0.0017	0.016	114		8.37	8.43				1							S
25605	9.679	0.022	8.508	0.014		1.004	0.020	T	0.98	0.02	L	8.5203	0.0017	0.013	74		8.50	8.55		C		1							
25606	3.868	0.002	2.925	0.002		0.807	0.027	G	0.86	0.02	A	2.9674	0.0005	0.004	87		2.96	2.97			05283−2046	I 1	1						S
25607	10.072	0.024	8.654	0.013		1.198	0.021	T	1.16	0.02	L	8.6972	0.0018	0.019	135		8.66	8.73		C			1						
25608	5.593	0.002	5.565	0.003		0.026	0.003	T	0.04	0.00	L	5.5758	0.0005	0.005	136		5.57	5.59		C			1						S
25609	9.223	0.016	9.127	0.019		0.094	0.023	T	0.11	0.03	L	9.1419	0.0017	0.012	84		9.12	9.17		C			1						
25610	10.687	0.042	8.860	0.016		1.551	0.037	T	2.36	0.08	O	8.6787	0.0049	0.032	89		8.63	8.73		U 2			1						
25611	10.034	0.028	9.351	0.024		0.620	0.028	T	0.69	0.03	L	9.4222	0.0020	0.017	94		9.39	9.46					1						
25612	11.659	0.088	10.272	0.038		1.170	0.014	G	1.28	0.03	I	10.2260	0.0025	0.023	122		10.17	10.27					1						G
25613	9.196	0.019	8.678	0.019		0.486	0.024	T	0.56	0.03	L	8.7761	0.0015	0.012	65		8.75	8.80					1						
25614	10.720	0.046	10.135	0.044		0.546	0.056	T	0.62	0.05	L	10.2439	0.0032	0.027	85		10.21	10.29		C			1						G
25615	11.174	0.072	10.656	0.076		0.611	0.028	G	0.61	0.02	A	10.7095	0.0135	0.095	94		10.59	10.85		U 2			1						D
25616	7.491	0.004	6.848	0.004		0.590	0.004	T	0.66	0.00	L	6.9099	0.0008	0.010	200		6.89	6.93					1						S
25617	7.960	0.007	7.996	0.010		−0.042	0.002	G	−0.02	0.00	H	8.0073	0.0012	0.010	97		7.99	8.03					1						S
25618	10.082	0.043	9.422	0.038		0.612	0.048	T	0.68	0.04	L	9.4823	0.0023	0.019	73		9.46	9.52		C			1						
25619	11.021	0.048	9.140	0.017		1.563	0.040	T	1.58	0.04	L	9.0819	0.0024	0.026	151		9.05	9.12		R			1 S						
25620	8.555	0.010	8.212	0.010		0.325	0.013	T	0.38	0.02	L	8.2413	0.0015	0.016	121		8.22	8.27					1						S
25621	8.706	0.013	7.342	0.008		1.155	0.012	T	1.12	0.01	L	7.3796	0.0008	0.007	76		7.37	7.39		C			1						
25622	6.587	0.004	6.629	0.005		−0.061	0.002	G	−0.04	0.00	H	6.6416	0.0007	0.007	96		6.63	6.65		C			1						S
25623	9.197	0.029	7.790	0.017		1.113	0.010	G	1.26	0.02	A	7.7785	0.0017	0.010	92		7.76	7.80			05284−0331	I 1	1						S
25624	7.815	0.008	6.671	0.006		0.983	0.008	T	0.96	0.01	L	6.7277	0.0007	0.007	91		6.71	6.74		D			1						S
25625	10.108	0.026	8.778	0.015		1.129	0.023	T	1.09	0.02	L	8.8131	0.0017	0.012	93		8.80	8.84		C			1						
25626	10.521	0.038	9.060	0.018		1.231	0.033	T	1.19	0.03	L	9.1166	0.0027	0.019	93		9.09	9.14					1						
25627	10.431	0.028	9.334	0.018		0.939	0.026	T	0.99	0.03	L	9.3422	0.0022	0.021	123		9.30	9.38		C			1 G						
25628	9.087	0.019	8.985	0.023		0.099	0.028	T	0.11	0.03	L	9.0106	0.0020	0.014	65		8.99	9.04		C			1						
25629	10.022	0.036	9.711	0.042		0.295	0.052	T	0.34	0.07	L	9.6672	0.0026	0.021	70		9.63	9.71					1						G
25630	7.030	0.004	6.996	0.004		0.037	0.002	G	0.05	0.00	H	7.0080	0.0007	0.008	190		6.99	7.02		C			1						S
25631	9.605	0.022	9.505	0.029		0.097	0.034	T	0.11	0.04	L	9.5337	0.0027	0.021	78		9.51	9.57		C			1						
25632	9.601	0.018	8.952	0.016	*	0.595	0.018	T	0.67	0.02	L	*	9.0273	0.0024	0.023	118	*	8.99	9.07		D	05285−2921	H 1	2 C A	AB	148	0.385	0.012	1.87	0.08	
25633	9.788	0.024	9.491	0.027		0.270	0.015	G	0.30	0.02	H	9.5297	0.0021	0.018	83		9.50	9.57		C			1						D
25634	10.416	0.043	9.789	0.039		0.550	0.020	G	0.62	0.02	H	9.9333	0.0037	0.023	64		9.89	9.98					1						
25635						0.862	0.020	G	0.90	0.02	H	11.2721	0.0035	0.050	58		11.17	11.33					1						G
25636	7.800	0.008	7.536	0.009		0.244	0.002	G	0.27	0.00	H	7.5583	0.0019	0.013	74		7.54	7.58					1						S
25637	10.653	0.025	9.067	0.012		1.330	0.022	T	1.29	0.03	L	9.0582	0.0018	0.019	183		9.03	9.09		C			1 S						
25638	6.551	0.005	6.368	0.005		0.168	0.007	T	0.18	0.01	L	6.4034	0.0014	0.009	73		6.39	6.42					1						S
25639	9.155	0.017	8.559	0.015		0.556	0.020	T	0.63	0.02	L	8.6195	0.0019	0.012	89		8.60	8.64		C			1						
25640	8.864	0.015	8.648	0.016		0.206	0.021	T	0.23	0.02	L	8.7002	0.0021	0.013	97		8.68	8.72		C			1						
25641	9.738	0.021	9.244	0.021	*	0.476	0.023	T	0.55	0.02	L	*	9.2710	0.0017	0.017	101	*	9.23	9.31		D	05286−4548	H 1	2 C S B	AB	16	0.148	0.008	0.51	0.42	
25642	10.751	0.061	9.824	0.042		0.820	0.055	T	0.84	0.04	L	9.9035	0.0402	0.344	68		9.29	10.13	3.86	P 1 A			1						G
25643	9.144	0.018	9.186	0.023		−0.026	0.016	G	0.00	0.02	H	9.1581	0.0021	0.016	84		9.13	9.19		C			1						
25644	10.646	0.052	10.237	0.060	B	0.387	0.073	T	0.45	0.08	L	10.2058	0.2251			B				D	05287−0823	I 2	1 C I C						
25645	7.746	0.007	7.493	0.008		0.241	0.010	T	0.27	0.01	L	7.5407	0.0012	0.011	120		7.52	7.56					1						S
25646	7.781	0.008	6.843	0.006	A	0.828	0.007	T	0.85	0.01	L	6.9007	0.0147	0.010	89	A	6.88	6.92		D	05287−0823	I 2	1 C P C						S
25647	7.961	0.008	7.016	0.007		0.830	0.015	G	0.94	0.02	A	7.0466	0.0032	0.041	107		6.99	7.12		U 2	05287−6527	I 1	1 G						S P
25648	6.699	0.004	6.875	0.005		−0.152	0.006	T	−0.15	0.01	L	6.8557	0.0012	0.018	126		6.81	6.87		U 2 C	05288+0139	I 1	1 S						S
25649	10.330	0.020	8.466	0.009		1.549	0.017	T	1.61	0.04	L	8.4010	0.0018	0.021	208		8.37	8.44					1						
25650	8.720	0.012	8.527	0.014		0.185	0.017	T	0.20	0.02	L	8.5764	0.0019	0.017	106		8.55	8.61		C			1						
25651	7.676	0.005	7.355	0.005		0.305	0.007	T	0.35	0.01	L	7.4008	0.0008	0.011	210		7.38	7.42					1						S
25652	9.611	0.023	8.946	0.020		0.616	0.026	T	0.68	0.02	L	9.0079	0.0032	0.017	76		8.98	9.04					1						
25653	7.161	0.004	6.763	0.005		0.377	0.006	T	0.44	0.01	L	6.8117	0.0013	0.015	136		6.79	6.83		M			1						S
25654	10.177	0.030	9.297	0.024		0.783	0.011	G	0.83	0.01	H	9.3350	0.0029	0.017	76		9.30	9.38		C			1						
25655	7.034	0.007	7.124	0.008		−0.077	0.009	T	−0.06	0.01	L	7.1254	0.0055	0.051	118		7.06	7.19		U 2 C			1						S P
25656	8.240	0.011	8.049	0.012		0.172	0.015	G	0.19	0.01	H	8.0868	0.0018	0.012	72		8.07	8.11		C			1						S
25657	7.681	0.009	7.624	0.009		0.057	0.012	T	0.07	0.01	L	7.6514	0.0012	0.010	73		7.63	7.66		C			1						S
25658	9.176	0.013	8.575	0.012	*	0.560	0.013	T	0.63	0.01	L	*	8.6194	0.0018	0.014	122	*	8.60	8.64		D	05288−4001	I 1	2 C A	BA	2	0.313	0.004	1.04	0.06	
25659						0.510	0.028	G	0.58	0.03	H	11.7557	0.0049	0.059	123		11.66	11.85					1						G
25660	11.171	0.054	9.212	0.018		1.625	0.045	T	1.65	0.05	L	9.1589	0.0021	0.018	121		9.13	9.20		C			1						
25661	10.193	0.025	9.087	0.016		0.954	0.023	T	0.94	0.02	L	9.1502	0.0015	0.015	102		9.12	9.18					1						
25662	7.420	0.007	6.799	0.005		0.582	0.002	G	0.67	0.03	C	6.8402	0.0008	0.007	82		6.83	6.85		C			1						S
25663	9.481	0.015	7.757	0.008		1.438	0.013	T	1.43	0.02	L	7.7313	0.0013	0.010	114		7.71	7.75		C			1						S
25664	7.930	0.009	8.047	0.012		−0.093	0.013	G	−0.07	0.01	H	8.0344	0.0016	0.010	97		8.02	8.05		C			1						S
25665	8.423	0.010	8.229	0.012	*	0.186	0.015	T	0.20	0.02	L	*	8.3001	0.0016	0.019	153	*	8.27	8.34		D	05289+6755	I 1	2 C A	AB	325	5.979	0.011	2.23	0.04	S
25666	8.891	0.014	8.152	0.012		0.672	0.015	G	0.73	0.01	H	8.2156	0.0015	0.011	75		8.19	8.24		C			1						S
25667	6.382	0.004	6.382	0.005	*	−0.007	0.002	G	0.01	0.00	H	*	6.3947	0.0007	0.006	89	*	6.39	6.41		D	05289−0318	I 1	2 C S A	AS	224	0.140	0.004	0.35	0.19	S
25668	9.091	0.017	7.425	0.009		1.400	0.020	G	1.38	0.02	H	7.4070	0.0012	0.008	60		7.39	7.42		C			1						S
25669	10.901	0.059	10.141	0.047							T	10.3614	0.0040	0.032	68		10.31	10.41			05290−0442	I 2	1						G
25670	9.099	0.014	8.347	0.011		0.657	0.015	G	0.72	0.01	H	8.4053	0.0016	0.014	110		8.38	8.43		C			1						S
25671	9.412	0.020	8.153	0.013		1.073	0.019	T	1.04	0.02	L	8.2144	0.0017	0.010	77		8.20	8.24		C			1						S
25672	12.389	0.345	10.420	0.086		1.668	0.293	T	3.92	0.96	K	9.4514	0.0391	0.280	56		9.05	10.27		U 2			1 S						G
25673	10.788	0.071	9.331	0.032		1.500	0.510	G	5.33	0.96	Q	9.8765	0.3094	1.319	52		7.38	10.68	415.90	P 1 B	05290−0442	I 2	1						D P
25674	7.764	0.010	6.681	0.007		0.937	0.009	T	0.93	0.01	L	6.7420	0.0010	0.008	77		6.73	6.76		C			1						S
25675	8.970	0.016	8.707	0.018		0.270	0.015	G	0.30	0.02	H	8.7270	0.0014	0.013	82		8.70	8.75		C			1						
25676	10.004	0.021	9.359	0.018		0.592	0.021	T	0.66	0.02	L	9.4217	0.0023	0.021	125		9.39	9.46					1						
25677						1.629	0.218	G	1.64	0.24	R	11.0909	0.0063	0.052	76		11.02	11.19					1						G
25678	10.949	0.057	10.204	0.045		0.681	0.058	T	0.74	0.05	L	10.4004	0.0040	0.025	86		10.36	10.44		C			1						G
25679	9.188	0.012	8.396	0.010		0.702	0.012	T	0.76	0.01	L	8.4572	0.0018	0.017	127		8.43	8.49		C			1						
25680	11.584	0.091	11.286	0.112		0.541	0.002	G	0.61	0.00	H	11.1038	0.0045	0.044	82		11.02	11.15		C			1						G
25681	10.721	0.043	8.890	0.016		1.523	0.036	T	1.56	0.05	L	8.8576	0.0063	0.038	95		8.81	8.92	61.60	P 1 A			1						
25682	9.330	0.017	9.028	0.019		0.287	0.024	T	0.33	0.03	L	9.0891	0.0025	0.019	77		9.07	9.12					1						
25683	9.811	0.025	8.328	0.013		1.249	0.022	T	1.21	0.02	L	8.3237	0.0018	0.014	114		8.30	8.35			05291+0109	I 1	1 S						
25684	9.729	0.021	8.237	0.011		1.256	0.019	T	1.21	0.02	L	8.2672	0.0012	0.010	99		8.25	8.29					1 S						
25685	8.105	0.008	6.860	0.005		1.061	0.001	G	1.01	0.04	E	6.9130	0.0009	0.010	134		6.90	6.93					1						S
25686	9.354	0.019	7.672	0.010		1.405	0.017	T	1.38	0.02	L	7.6689	0.0015	0.012	67		7.65	7.69		C			1						S
25687	10.215	0.034	9.639	0.032		0.797	0.015	G	0.83	0.01	H	9.6693	0.0025	0.026	68		9.63	9.71		C			1						G
25688	9.714	0.020	8.089	0.010		1.360	0.018	T	1.33	0.02	L	8.0978	0.0014	0.013	109		8.07	8.12		C			1						
25689	11.163	0.077	10.026	0.045		0.970	0.071	T	0.95	0.06	L	10.0004	0.0065	0.053	90		9.90	10.06		U 2 C			1 S						G
25690	8.040	0.008	8.053	0.011		−0.033	0.002	G	−0.01	0.02	A	8.0749	0.0017	0.014	92		8.05	8.10		C			1						S
25691	7.884	0.010	7.946	0.013		−0.041	0.004	G	−0.02	0.00	H	7.9563	0.0014	0.011	77		7.94	7.97		C			1						S
25692	8.915	0.012	8.694	0.014		0.205	0.018	T	0.23	0.02	L	8.7437	0.0017	0.015	91		8.72	8.77					1						
25693	9.674	0.018	8.457	0.012		1.040	0.017	T	1.01	0.01	L	8.5253	0.0019	0.015	106		8.50	8.55		C			1						
25694	8.856	0.013	8.207	0.012		0.602	0.015	T	0.67	0.01	L	8.2764	0.0015	0.010	72		8.26	8.30		C			1						
25695	5.398	0.004	5.426	0.004	*	−0.042	0.005	G	−0.02	0.01	H	*	5.4672	0.0007	0.005	75	*	5.46	5.48		D	05293+2509	I 1	2 C A	AB	208	4.760	0.003	0.93	0.01	S
25696	7.647	0.007	7.120	0.005		0.495	0.008	T	0.57	0.01	L	7.1709	0.0007	0.007	85		7.16	7.19					1 G						S
25697	9.699	0.015	8.586	0.010		0.959	0.014	T	0.95	0.01	L	8.6614	0.0018	0.023	183		8.62	8.70					1						
25698	10.296	0.040	8.881	0.020		1.195	0.035	T	1.15	0.03	L	8.9031	0.0018	0.018	78		8.87	8.93		D			1						S
25699	10.582	0.037	9.102	0.019		1.246	0.033	T	1.20	0.03	L	9.1194	0.0019	0.017	114		9.09	9.15		C			1						
25700	8.595	0.015	6.779	0.008		1.526	0.001	G	1.57	0.00	H	6.7244	0.0010	0.010	114		6.71	6.74					1						S

Number HIP	Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag		Position: epoch J1991.25 α (ICRS) deg	δ deg	Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ	Standard Errors α* mas	δ	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ	Astrometric Correlations (%)	Soln F1 %	F2
1 2	3	4	5	6 7	8	9 10	11	12	13	14	15	16	17	18	19 20 21 22 23 24 25 26 27 28	29	30
25701	05 29 17.43	+03 29 01.2	9.99	3 H	82.322 645 04	+03.483 667 82	−0.54	−2.09	−0.69	1.90	0.92	2.34	1.90	0.84	−28 +58 −35 + 6 −54 +22 −47 + 3 −22 −23	0	−2.27
25702 H	05 29 19.15	+18 21 56.6	6.74	G	82.329 794 69	+18.365 711 92 A	5.06	−12.93	−3.69	1.07	0.72	1.03	1.24	0.68	+ 6 +33 −24 +17 +20 − 4 + 9 +51 − 9 +18	3	−0.25
25703	05 29 19.53	−36 34 17.3	8.90	H	82.331 370 16	−36.571 460 56	5.69	39.27	−18.14	0.68	0.69	0.83	0.74	0.79	−11 + 3 − 7 − 4 −11 + 4 −10 +13 + 7 −16	0	1.11
25704	05 29 20.10	+43 24 32.9	9.90	2 H	82.333 761 42	+43.409 150 72	−1.27	−6.36	7.50	1.90	1.06	2.08	1.95	1.20	−18 +50 −19 +18 +14 +23 +23 −12 − 7 −20	2	0.86
25705	05 29 20.62	+39 20 38.9	9.09	G	82.335 936 16	+39.344 139 31	10.52	16.75	−39.63	1.44	1.05	1.76	1.65	1.22	− 9 +44 −39 +22 − 4 +20 + 5 +13 + 4 +45	0	0.79
25706	05 29 22.79	−61 49 24.4	7.57	H	82.344 955 80	−61.823 450 46	5.55	24.97	5.53	0.56	0.54	0.59	0.57	0.69	− 3 +24 + 1 −15 − 1 − 4 − 4 −15 − 9 − 9	0	3.01
25707	05 29 23.41	+64 36 05.5	8.56	H	82.347 554 58	+64.601 515 99	2.14	3.24	−4.47	0.72	0.83	1.17	0.90	1.02	+ 2 +14 −20 −10 +18 −27 +13 + 8 + 3 +11	0	0.47
25708	05 29 23.70	−03 26 46.9	5.80	H	82.348 756 80	−03.446 370 74	6.98	−28.01	−9.45	0.61	0.43	0.83	0.66	0.50	+12 +37 − 7 + 4 + 1 − 4 − 9 +19 −27 +15	0	0.69
25709	05 29 24.08	−34 30 55.6	8.47	H	82.350 351 19	−34.515 434 32	13.38	24.37	5.50	0.56	0.61	0.73	0.61	0.69	−10 + 4 + 4 − 1 − 7 + 6 − 7 + 1 + 1 −16	0	−1.13
25710	05 29 24.48	−30 57 22.3	7.80	2 H	82.351 997 43	−30.956 196 58	1.44	1.01	−2.59	0.55	0.64	0.81	0.63	0.78	− 3 + 5 −10 +18 − 9 +17 − 8 +21 + 0 − 5	0	0.43
25711 H	05 29 24.64	+31 25 34.8	9.27	H	82.352 676 00	+31.426 337 60 A	10.37	−2.13	−46.14	2.22	1.20	2.12	2.75	1.15	− 4 +24 −25 +27 +22 −10 +29 + 8 + 5 +19	2	0.30
*25712	05 29 25.41	−07 15 39.2	6.69	H	82.355 856 42	−07.260 881 99	2.70	−0.10	−1.26	0.63	0.52	0.81	0.73	0.61	+ 0 +27 −15 + 5 −18 + 4 −17 − 2 − 2 − 1	0	−0.27
*25713	05 29 25.23	−66 26 20.6	8.00	G	82.355 105 68	−66.439 068 06	5.72	7.49	11.68	0.56	0.62	0.63	0.44	0.73	− 2 +31 + 5 −52 + 5 −14 + 6 −13 + 1 + 3	0	1.15
25714	05 29 25.65	+77 58 39.2	6.53	H	82.356 891 51	+77.977 545 99	4.53	12.23	−14.62	0.42	0.49	0.62	0.44	0.60	− 4 +25 −13 − 6 − 2 −10 − 2 + 3 +11 +10	1	0.82
25715	05 29 26.22	+48 00 03.4	7.95	H	82.359 231 32	+48.000 957 14	5.93	13.04	−46.97	1.01	0.61	1.12	1.04	0.56	+ 9 +42 +16 +24 −14 +14 −17 −25 −13 + 3	0	0.82
25716	05 29 27.07	+15 34 39.4	10.55	H	82.362 783 67	+15.577 601 23	57.50	−82.74	−126.92	1.93	1.15	2.16	2.15	1.15	+ 9 +41 −24 + 9 +37 − 8 +12 +65 −25 +37	0	1.95
25717	05 29 27.28	+13 25 39.3	8.19	H	82.363 652 54	+13.427 570 89	13.56	−16.11	−8.18	1.14	0.58	1.23	1.38	0.61	+15 +47 − 8 − 9 + 9 − 1 − 4 +48 −21 +25	0	0.36
25718	05 29 27.38	−00 02 32.0	7.98	G	82.364 070 36	−00.042 234 76	5.97	7.69	−15.04	0.86	0.59	1.08	1.12	0.60	+ 9 +13 −29 − 5 −54 +24 −46 − 1 − 5 +19	0	−0.91
25719	05 29 29.36	+02 52 08.7	9.33	H	82.372 317 91	+02.869 075 09	0.20	−2.62	1.80	1.42	0.70	1.71	1.41	0.70	−36 +54 −29 +10 −33 +14 −39 +21 −33 −30	0	0.42
25720	05 29 30.99	−21 02 23.3	7.48	H	82.379 136 95	−21.039 791 87	4.57	4.85	14.48	0.61	0.66	0.95	0.93	0.94	−11 +11 −28 −19 − 1 +20 − 3 +16 −23 + 3	0	1.93
25721	05 29 34.21	−72 48 42.2	7.86	H	82.392 555 74	−72.811 720 86	4.10	14.26	94.93	0.57	0.55	0.59	0.65	0.68	−11 + 4 + 1 + 1 − 8 +13 − 9 +18 −14 −15	0	0.81
25722	05 29 34.25	−35 24 01.8	9.34	H	82.392 716 70	−35.400 502 57	1.09	−3.45	6.94	0.73	0.79	0.97	0.84	0.96	− 9 +15 + 5 +16 −12 +13 −16 + 5 −16 −13	0	2.39
25723	05 29 34.74	−44 46 34.3	7.69	2 H	82.394 748 59	−44.776 195 98	2.71	−0.31	7.25	0.59	0.61	0.71	0.66	0.71	+ 0 +10 −22 + 1 + 2 +16 + 2 +23 −28 + 2	1	2.02
25724	05 29 36.19	+47 36 52.8	8.84	H	82.400 798 03	+47.614 664 49	0.38	1.41	−0.80	1.24	0.67	1.34	1.20	0.65	+ 0 +55 − 8 +25 −24 +13 −19 + 1 +16	0	1.36
25725	05 29 36.39	+05 13 38.0	8.21	H	82.401 615 25	+05.227 215 51	4.98	−2.53	−1.28	1.08	0.53	1.25	1.13	0.51	−10 +43 −16 − 8 −31 + 5 −29 + 5 −15 − 6	0	−0.50
25726	05 29 36.70	+20 03 02.9	10.52	H	82.402 933 70	+20.050 818 66	5.96	−4.50	−8.69	2.18	1.21	2.37	3.39	1.18	+ 8 +32 + 6 − 2 +44 +14 +23 +32 −14 + 9	6	0.73
25727	05 29 37.56	−00 01 16.4	6.87	H	82.406 492 72	−00.021 224 30	8.06	−4.32	−13.77	0.70	0.48	0.85	0.92	0.51	+14 +13 −19 − 6 −49 +17 −43 − 1 − 5 +24	0	−0.51
25728	05 29 37.63	−40 44 34.3	8.12	H	82.406 773 67	−40.742 862 10	2.58	10.18	−5.26	0.58	0.56	0.68	0.57	0.62	+ 2 +20 − 9 − 4 −13 +19 −13 −12 + 0 − 4	0	−0.20
25729	05 29 39.87	−22 43 07.5	7.61	H	82.416 143 94	−22.718 741 87	3.41	20.44	−5.58	0.45	0.63	0.96	0.67	0.98	+ 5 +11 + 1 −23 −34 +10 −36 −11 −26 − 1	0	1.32
25730	05 29 40.63	+29 11 11.7	6.20	H	82.419 312 37	+29.186 578 25	11.24	28.97	−46.89	0.74	0.44	0.84	0.86	0.47	+14 +32 −18 − 1 +12 +32 +15 + 4 +14 +54	4	1.22
25731	05 29 41.57	−07 33 57.2	9.90	H	82.423 190 84	−07.565 877 63	6.65	17.82	−4.36	1.61	1.21	2.18	1.70	1.37	− 7 +43 −25 +13 −26 +19 −24 − 3 −10 + 7	0	−0.05
25732	05 29 41.59	−00 48 08.7	6.49	1 G	82.423 305 41	−00.802 417 17	8.33	48.34	−39.16	1.33	0.86	1.52	1.56	0.91	+11 +24 − 2 − 2 −39 + 9 −35 + 1 − 3 + 1	2	
25733 H	05 29 42.65	+35 22 30.1	6.78	3 H	82.427 710 60	+35.375 028 40 A	1.78	0.72	−1.57	1.75	1.14	1.51	1.84	1.20	+38 +29 +16 + 1 + 9 + 3 + 6 +48 +11 +22	25	2.55
25734	05 29 43.12	−15 54 34.5	8.73	H	82.429 659 17	−15.909 571 71	3.83	−2.71	−1.71	0.92	1.00	1.22	0.92	1.16	+ 3 +24 + 8 + 4 −47 −12 −49 +15 −12 −19	0	−0.04
25735	05 29 43.64	+35 06 31.6	6.88	H	82.431 813 59	+35.108 789 50	5.00	7.98	−15.94	0.82	0.54	0.91	0.95	0.59	+20 +36 +12 + 5 + 9 +14 + 6 +17 + 1 +22	0	−0.39
25736	05 29 43.80	+26 56 14.0	9.01	H	82.432 488 22	+26.937 230 02	4.28	0.87	−5.01	1.36	0.64	1.59	1.49	0.60	− 7 +39 +11 + 1 +28 +38 +15 +12 − 4 + 6	0	−0.10
25737	05 29 43.98	−01 05 31.8	4.71	1 H	82.433 256 47	−01.092 175 57	7.15	0.19	−26.08	0.67	0.41	0.80	0.74	0.46	+ 4 +41 − 3 − 5 −27 −11 −34 + 8 −19 + 8	0	2.69
25738	05 29 44.55	−43 46 23.7	8.61	H	82.435 614 37	−43.773 239 51	6.37	−24.79	−18.11	0.62	0.72	0.74	0.68	0.88	−13 −10 +10 + 1 −12 − 8 −11 +28 + 4 −18	0	0.97
25739	05 29 44.85	−53 15 56.2	8.02	G	82.436 857 19	−53.265 624 72	7.38	10.03	−11.77	0.62	0.65	0.67	0.75	0.73	−14 + 4 +19 +21 −19 + 0 −20 +15 − 4 −34	2	−1.93
25740	05 29 46.90	+69 29 45.4	8.59	3 H	82.445 421 98	+69.495 952 37	4.19	4.93	−8.12	0.52	0.73	1.10	0.59	0.92	−12 + 2 + 5 −29 +13 + 5 + 9 +10 −31 − 5	0	−0.69
25741	05 29 46.98	−43 30 26.4	8.15	H	82.445 763 18	−43.507 324 20	4.24	8.82	−23.19	0.57	0.64	0.68	0.59	0.74	− 2 + 1 − 1 −15 − 3 + 7 − 1 +18 +10 − 6	0	−0.56
25742	05 29 47.50	+12 16 14.3	7.03	H	82.447 918 05	+12.270 642 10	2.75	−2.83	−4.68	0.87	0.52	0.88	1.02	0.55	+34 +41 − 2 − 4 +19 − 9 + 8 +54 −14 +46	0	−0.64
25743	05 29 47.86	−56 13 21.4	9.74	H	82.449 434 11	−56.222 624 02	5.45	37.48	26.27	0.80	0.94	0.90	0.79	1.06	−12 − 8 +16 +12 −18 − 6 −19 +17 − 4 − 1	0	−0.50
25744	05 29 48.98	−07 38 35.3	9.18	H	82.454 100 80	−07.643 141 17	3.18	−0.52	0.39	1.33	0.90	1.74	1.28	0.99	−19 +53 −25 +11 −15 +12 −20 +10 −19 − 3	0	−1.30
25745	05 29 49.77	+18 24 58.6	7.64	G	82.457 394 96	+18.416 288 84	4.99	4.11	−38.77	0.96	0.56	1.05	1.20	0.56	+ 0 +39 −22 +15 +33 + 3 +15 +52 −19 +20	0	0.16
25746	05 29 50.11	−47 04 34.6	6.64	G	82.458 804 77	−47.076 270 39	19.45	27.27	−6.78	0.51	0.52	0.57	0.56	0.60	− 7 + 6 − 1 −16 − 3 +11 + 0 +12 − 1 −16	0	1.99
25747 H	05 29 51.20	+18 25 50.8	8.15	H	82.463 337 38	+18.430 777 90 C	3.52	11.51	−13.78	2.03	1.15	1.99	2.18	1.07	+ 0 +38 −14 +15 +20 + 7 + 8 +53 −24 + 2	2	0.31
25748	05 29 51.50	+60 16 07.0	6.86	H	82.464 586 85	+60.268 598 74	6.39	10.96	−11.17	0.55	0.51	0.76	0.67	0.57	+12 +15 + 2 −11 +21 − 6 +17 −10 −12 +30	0	1.45
25749	05 29 53.20	+53 25 57.9	7.14	H	82.471 675 37	+53.432 741 27	17.88	−26.51	24.79	0.63	0.49	0.84	0.80	0.58	+ 9 +26 − 7 − 9 + 9 −20 +10 − 6 +14 −10	0	1.70
25750	05 29 54.63	+42 12 57.4	8.92	H	82.477 635 08	+42.215 955 28	2.91	6.78	−16.40	1.05	0.81	1.16	1.31	0.99	+ 6 +26 − 8 +20 +15 + 3 +12 +27 − 3 +32	0	1.01
25751	05 29 54.77	+01 47 21.3	5.77	G	82.478 221 16	+01.789 261 04	2.60	1.64	−0.34	0.69	0.41	0.83	0.79	0.43	− 2 +34 + 2 +17 −32 + 2 −32 +23 −19 − 3	2	−1.85
25752	05 29 55.56	+02 08 31.8	8.15	H	82.481 482 47	+02.142 165 98	3.57	−1.55	1.18	1.04	0.55	1.28	1.05	0.56	−18 +47 −14 +11 −27 + 5 −32 +19 −24 − 7	2	−0.72
25753	05 29 56.10	+62 50 51.1	8.90	H	82.483 754 58	+62.847 538 28	7.36	12.57	−35.55	0.77	0.71	1.13	0.80	0.76	− 9 +17 + 7 −34 + 8 − 6 + 6 −19 −17 −15	0	−0.78
25754	05 29 58.16	+63 33 46.4	8.67	H	82.492 330 59	+63.562 878 55	5.31	19.73	3.71	0.74	0.75	1.07	0.86	0.85	+ 7 +16 −14 −14 + 3 −11 + 2 − 8 + 2 + 5	0	−0.22
25755	05 29 59.15	+28 18 09.1	9.71	H	82.496 459 10	+28.302 524 10	3.40	26.28	−27.69	1.36	0.70	1.51	1.62	0.72	− 4 +47 −21 +12 + 8 + 8 +13 + 7 +13 +18	4	1.22
25756	05 30 02.43	+67 14 02.8	8.56	G	82.510 108 30	+67.234 119 01	5.59	−10.77	1.76	0.49	0.61	0.91	0.73	0.80	+14 + 3 + 6 +27 +24 + 2 +22 +23 + 4 + 9	2	0.55
25757	05 30 02.67	−39 45 58.1	9.32	H	82.511 110 68	−39.766 149 40	5.16	14.64	47.28	0.72	0.78	0.88	0.80	0.94	− 4 − 6 − 3 −14 −11 + 2 −10 +11 − 5 −10	1	1.79
25758	05 30 02.69	−83 52 07.0	9.23	H	82.511 219 25	−83.868 608 67	8.52	3.50	−9.80	0.73	0.71	0.78	0.82	0.88	−10 +23 − 3 + 0 + 3 + 8 + 5 +28 − 3 −15	1	−0.14
25759	05 30 03.04	−62 26 55.4	9.72	H	82.512 669 48	−62.448 724 49	12.76	−27.17	−70.44	0.85	0.90	0.95	0.90	1.01	+ 1 +22 + 5 −22 +14 − 8 +12 −21 −11 +13	1	1.16
25760	05 30 03.10	−76 14 55.4	8.23	3 H	82.512 913 05	−76.248 727 09	9.93	34.95	8.37	0.58	0.46	0.62	0.54	0.63	−11 +23 + 6 −25 − 6 − 2 −14 −18 −13 − 2	1	1.41
25761	05 30 03.22	+23 45 31.5	8.12	H	82.513 431 68	+23.758 757 29	5.30	1.01	−4.41	1.27	0.64	1.35	1.27	0.64	+24 +43 −10 +32 +39 −10 +22 +52 −20 +42	0	1.47
25762 H	05 30 04.38	−01 44 58.6	7.65	G	82.518 248 84	−01.749 610 25 A	1.82	1.66	−0.55	2.02	1.69	1.94	1.93	1.39	+10 +18 + 3 −13 −20 −12 −23 −19 −15 +25	1	0.87
25763	05 30 05.98	+29 33 10.3	7.36	H	82.524 900 33	+29.552 863 32 C	3.37	13.35	−26.84	30.83	18.30	5.28	5.92	2.88	+38 + 1 − 9 +24 + 0 +32 + 9 + 0 +18 +59	3	3.61
25764 H	05 30 06.14	+29 32 55.3	7.11	G	82.525 590 13	+29.548 688 48 A	3.37	13.35	−26.84	6.31	3.51	5.28	5.92	2.88	−66 − 2 + 6 − 6 + 2 +32 − 2 − 4 +18 +59	3	3.61
25765	05 30 07.03	−11 26 24.9	8.65	H	82.529 274 98	−11.440 250 95	9.24	−16.06	−27.41	0.83	0.74	1.17	0.85	0.81	− 1 +26 −20 − 2 −35 − 6 −36 +21 −22 −24	0	−1.55
25766	05 30 07.21	−43 34 46.3	7.75	H	82.530 052 18	−43.579 528 80	2.41	−5.93	23.51	0.55	0.66	0.67	0.57	0.75	− 1 − 5 + 2 −14 − 4 − 2 − 2 +17 + 4 − 7	0	−1.65
25767	05 30 08.76	+06 57 33.9	8.93	H	82.536 509 85	+06.959 424 07	6.50	−3.98	−20.92	1.23	0.68	1.31	1.32	0.70	+23 +35 + 1 −17 + 2 − 9 − 6 +24 −21 +27	0	0.55
25768	05 30 09.46	−47 04 38.4	5.46	H	82.539 424 37	−47.077 334 03	22.87	20.84	−131.94	0.52	0.50	0.57	0.58	0.58	− 7 +16 + 0 −16 − 3 +11 − 2 +11 − 5 −14	3	0.35
25769	05 30 10.21	+63 04 02.0	5.43	1 H	82.542 540 26	+63.067 232 06	3.50	−5.92	−4.77	0.48	0.45	0.68	0.51	0.46	+ 5 +14 −15 −19 + 3 − 5 + 4 −12 + 4 + 1	0	−1.32
25770	05 30 10.35	−05 12 05.8	8.65	H	82.543 132 83	−05.201 615 88	3.27	3.12	−1.07	1.24	0.69	1.56	1.25	0.78	− 1 +57 −13 +17 −26 +22 −34 + 9 −30 − 4	0	−0.50
25771 H	05 30 11.62	+38 18 40.7	9.38	H	82.548 416 98	+38.311 302 10 A	2.41	−9.11	−15.49	2.68	1.67	2.95	2.37	1.65	−19 +61 −38 +17 +13 + 7 − 1 +38 −19 +17	2	0.31
25772	05 30 12.39	−08 37 09.1	9.51	H	82.551 630 95	−08.619 202 13	1.83	6.79	8.56	0.92	0.77	1.21	0.97	0.77	+ 1 +21 −24 − 2 −36 − 5 −40 −15 − 8 − 5	0	0.47
25773 H	05 30 13.12	+41 16 57.1	8.09	H	82.554 657 69	+41.282 521 27 A	2.15	−3.14	−2.61	1.69	1.28	1.60	2.07	1.44	− 1 + 8 −26 +15 +23 −19 +10 +44 −20 + 4	2	0.85
25774	05 30 13.25	−12 45 45.2	8.08	H	82.555 222 35	−12.762 547 36	0.49	2.48	0.02	0.91	0.77	1.18	0.98	0.88	−21 +10 − 7 +21 −44 + 0 −45 +26 −21 −29	2	3.43
*25775	05 30 13.98	−42 41 49.1	9.72	2 H	82.558 238 34	−42.696 979 08	51.56	33.15	−145.33	3.15	3.41	3.73	3.46	4.01	+ 0 + 1 −12 −24 + 2 +15 + 5 −10 − 4 − 7	3	
*25776	05 30 13.93	−84 47 06.8	6.18	2 H	82.558 049 36	−84.785 211 52	9.35	−6.84	44.27	0.45	0.45	0.50	0.50	0.52	−13 +21 + 4 − 6 − 8 − 5 − 3 +14 + 9 −29	1	1.62
25777	05 30 15.07	+20 33 05.9	7.05	H	82.562 776 25	+20.551 636 39	4.40	−8.85	−17.75	0.89	0.50	0.99	1.03	0.51	+26 +27 + 3 − 1 +38 +25 +25 +40 −13 +33	0	2.46
25778	05 30 15.24	−50 32 01.7	8.89	H	82.563 504 57	−50.533 797 22	8.27	40.68	48.13	0.64	0.68	0.71	0.66	0.74	− 8 + 2 + 9 +12 −13 + 6 −15 − 5 − 2 −15	0	−1.55
25779	05 30 15.40	+22 32 25.0	7.77	2 H	82.564 147 54	+22.540 276 29	3.21	−0.74	−7.72	1.02	0.53	1.12	1.23	0.56	+11 +46 −15 + 1 +18 −16 +10 +33 − 3 +25	0	0.82
*25780	05 30 15.92	−70 49 46.6	8.88	H	82.566 354 12	−70.829 603 43	2.92	0.45	2.04	0.91	0.93	1.00	0.96	1.05	−10 +28 −20 −11 −10 +15 − 9 −11 − 8 −16	0	0.20
*25781	05 30 15.87	−63 55 40.2	6.19	G	82.566 108 96	−63.927 829 72	8.16	4.42	59.28	0.46	0.50	0.50	0.54	0.58	−13 +11 + 5 − 6 + 1 + 4 + 0 −11 − 5 −27	0	−0.04
25782	05 30 17.03	+04 52 48.2	9.77	H	82.570 944 15	+04.880 049 39	−1.37	0.94	−3.70	1.58	0.75	1.83	1.61	0.72	−21 +45 − 4 − 6 −31 − 1 −30 + 0 −17 −26	2	0.24
25783	05 30 18.91	+66 14 06.0	7.86	H	82.578 773 97	+66.234 987 49	6.85	3.31	−51.95	0.51	0.53	0.86	0.59	0.61	−22 +17 − 9 +11 +21 −13 +20 +15 + 2 − 8	1	1.80
25784	05 30 19.67	−52 26 26.6	8.86	H	82.581 942 64	−52.440 722 75	8.67	14.71	34.61	0.66	0.76	0.77	0.69	0.91	− 4 +12 +11 + 4 − 6 −14 − 9 +17 −14 +11	0	0.58
25785	05 30 19.91	+04 12 17.5	6.21	H	82.582 971 86	+04.204 856 26	5.68	17.38	−25.34	0.73	0.37	0.85	0.76	0.37	− 5 +50 −16 −10 −28 − 2 −27 + 2 −14 − 3	0	0.47
25786	05 30 20.75	−07 26 05.3	6.33	H	82.586 470 80	−07.434 811 74	2.68	0.66	0.18	0.61	0.44	0.76	0.67	0.49	+ 2 +36 − 6 − 1 −19 − 1 −23 + 3 −17 − 3	0	−1.16
25787	05 30 23.46	+34 12 02.6	7.46	H	82.597 770 00	+34.200 733 10	5.23	−4.42	−0.69	0.89	0.59	1.00	0.95	0.65	+13 +40 −18 +19 + 6 + 1 + 4 +32 − 3 +29	0	−0.58
25788 H	05 30 24.34	−13 29 56.0	8.71	H	82.601 422 05	−13.498 896 73 *	3.04	0.19	−0.27	2.01	1.87	1.64	1.37	1.27	+16 +23 −12 − 5 −32 +24 −31 −13 −16 − 8	1	0.25
25789	05 30 25.58	+30 25 42.2	10.62	H	82.606 598 15	+30.428 382 56	−3.21	−0.76	−6.04	1.84	1.07	1.97	2.13	1.16	+17 +36 −10 +11 +17 − 4 +15 +13 + 0 +40	2	0.60
25790	05 30 26.17	+15 21 38.0	5.93	H	82.609 055 51	+15.360 542 90	9.47	−13.48	−38.58	0.81	0.46	0.89	0.77	0.45	+12 +51 −13 + 5 +46 − 7 +17 +60 −21 +42	0	2.09
25791	05 30 26.40	−25 07 53.9	10.03	H	82.609 982 26	−25.131 630 80	6.01	−22.53	−85.51	0.88	1.40	1.78	1.09	1.67	−16 + 3 +21 + 1 −10 − 6 − 9 +23 + 1 −19	1	1.02
25792 H	05 30 27.14	+26 01 55.3	9.20	H	82.613 085 58	+26.032 040 67 *	6.77	6.34	−21.18	4.12	2.21	2.65	2.74	1.43	−17 +32 −16 − 5 +42 − 6 +19 +31 −25 +11	1	−0.70
25793	05 30 27.53	+25 19 57.3	8.27	H	82.614 692 55	+25.332 586 24	4.89	5.23	−25.95	1.14	0.67	1.16	1.40	0.66	+15 +33 −20 +28 +46 −15 +30 +54 −15 +34	0	−0.51
25794	05 30 28.60	+31 16 56.0	7.90	H	82.619 149 16	+31.282 235 40	1.77	−1.98	−6.91	0.96	0.56	1.04	1.14	0.59	+18 +39 −16 +23 +12 − 1 +14 +21 + 9 +23	0	−0.28
25795	05 30 30.30	−37 12 11.0	8.30	H	82.626 257 97	−37.203 067 46	22.63	173.18	172.23	0.56	0.61	0.73	0.56	0.68	− 4 − 2 −11 + 3 − 8 +18 − 8 + 9 + 2 − 3	0	−0.76
25796	05 30 30.30	−50 05 59.7	7.60	H	82.626 261 12	−50.099 919 22	2.50	14.17	11.72	0.53	0.53	0.57	0.57	0.61	− 6 + 3 + 4 + 4 −13 + 4 −14 + 6 + 3 −14	0	0.43
25797 H	05 30 31.34	−47 12 02.2	8.26	H	82.630 564 12	−47.200 610 56 A	7.72	−21.06	22.76	1.19	1.54	1.28	1.21	1.60	−14 + 8 − 6 −21 + 7 + 5 + 5 − 6 − 8 − 8	1	0.89
25798	05 30 32.81	−28 46 50.3	8.81	H	82.636 704 39	−28.780 632 05	1.42	−2.25	−42.98	0.69	0.86	1.08	0.81	0.98	− 8 +26 − 3 − 3 − 4 + 5 − 6 + 5 − 7 − 3	4	−0.94
25799	05 30 34.68	+00 21 56.1	7.56	H	82.644 492 02	+00.365 572 94	3.97	−9.17	−4.08	0.79	0.52	0.99	1.14	0.53	+22 − 5 −27 −20 −53 +35 −42 − 3 + 0 +26	0	0.80
25800	05 30 35.54	+63 57 17.8	8.15	H	82.648 102 53	+63.954 951 09	9.78	−21.18	4.91	0.65	0.71	0.97	0.75	0.82	+15 +10 −20 − 7 + 7 −23 + 6 +12 + 7 + 0	0	−1.38

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
25701						2.100	0.500	G	2.09	0.51	J	10.0677	0.0591	0.318	137		9.73	10.42	154.50	P 1 A			1 S							G P
25702	6.899	0.005	6.766	0.006	A	0.120	0.015	G	0.10	0.01	L *	6.7605	0.0012	0.007	78	*	6.75	6.77		D	05293+1822	I 1	2 C A	AB	131	3.274	0.021	3.62	0.08	S
25703	9.684	0.019	8.953	0.016		0.656	0.019	T	0.72	0.02	L	9.0386	0.0014	0.018	122		9.01	9.07		C			1							
25704	12.747	0.438	10.631	0.113		2.100	0.500	G	2.09	0.51	J	9.9705	0.0144	0.076	56		9.85	10.08		U 2			1 G							G
25705	9.779	0.033	9.116	0.029		0.603	0.015	G	0.67	0.01	H	9.2259	0.0026	0.017	56		9.19	9.27		C			1							
25706	8.941	0.012	7.695	0.008		1.063	0.011	T	1.03	0.01	L	7.7407	0.0011	0.009	104		7.73	7.76		C			1							S
25707	9.986	0.025	8.705	0.015		1.090	0.023	T	1.05	0.02	L	8.7345	0.0034	0.021	101		8.69	8.77					1							
25708	7.267	0.006	5.930	0.004		1.149	0.010	G	1.10	0.01	G	5.9638	0.0007	0.005	83		5.96	5.98		C			1							S
25709	9.273	0.013	8.555	0.011		0.646	0.013	T	0.71	0.01	L	8.6074	0.0014	0.016	131		8.58	8.63					1							
25710	9.872	0.018	8.046	0.008		1.551	0.016	T	2.67	0.03	O	7.7832	0.0086	0.093	121		7.65	7.89		U 2			1 S							S P
25711	10.309	0.039	9.518	0.030	A	0.700	0.495	G	0.77	0.07	B *	9.4170	0.0021	0.016	87	*	9.39	9.45		D	05294+3126	I 1	2 C A	AB	120	1.708	0.011	1.71	0.05	G
25712	6.527	0.004	6.657	0.006		−0.112	0.006	T	−0.10	0.01	L	6.6542	0.0009	0.008	93		6.64	6.67		C	05294−0716	I 1	1							S
25713	8.198	0.009	8.027	0.010		0.160	0.015	G	0.18	0.01	H	8.0593	0.0011	0.011	101		8.04	8.08		C			1							S
25714	6.736	0.003	6.547	0.004		0.181	0.005	T	0.20	0.01	L	6.5898	0.0008	0.008	140		6.58	6.61		C			1							S
25715	9.237	0.014	8.060	0.009		1.009	0.013	T	0.98	0.01	L	8.1127	0.0011	0.010	98		8.09	8.14					1							S
25716	12.912	0.409	10.660	0.072		1.500	0.300	G	1.51	0.30	H	10.6568	0.0045	0.026	81		10.61	10.69		C			1							G
25717	8.689	0.013	8.251	0.013		0.463	0.015	G	0.53	0.02	H	8.2959	0.0011	0.010	77		8.28	8.32					1							
25718	8.114	0.011	7.999	0.012		0.110	0.005	G	0.12	0.01	H	8.0244	0.0013	0.012	96		8.01	8.05		C			1							S
25719	9.373	0.017	9.341	0.022		0.034	0.026	T	0.05	0.02	L	9.3494	0.0019	0.016	108		9.32	9.38					1							
25720	7.710	0.008	7.517	0.008		0.185	0.011	T	0.20	0.01	L	7.5408	0.0018	0.013	114		7.52	7.56					1							S
25721	9.031	0.013	7.962	0.009		0.926	0.012	T	0.92	0.01	L	8.0253	0.0015	0.011	106		8.01	8.05		C			1							S
25722	11.208	0.069	9.459	0.025		1.458	0.058	T	1.46	0.09	L	9.4729	0.0018	0.021	139		9.43	9.51					1							
25723	9.792	0.023	7.890	0.010		1.613	0.021	T	2.02	0.06	O	7.7700	0.0030	0.026	102		7.73	7.81		U 2			1							S
25724	9.075	0.014	8.871	0.016		0.195	0.020	T	0.21	0.02	L	8.8993	0.0024	0.022	102		8.87	8.94					1							
25725	8.230	0.010	8.221	0.012		0.013	0.014	T	0.03	0.01	L	8.2234	0.0016	0.014	103		8.20	8.25					1							
25726	11.003	0.069	10.576	0.074		0.403	0.093	T	0.47	0.10	L	10.6157	0.0087	0.049	59		10.55	10.68					1							G
25727	6.953	0.005	6.876	0.006		0.076	0.007	T	0.09	0.01	L	6.9060	0.0008	0.008	100		6.90	6.92		C			1							S
25728	9.415	0.016	8.231	0.010		1.015	0.015	T	0.99	0.01	L	8.2850	0.0012	0.011	119		8.26	8.31		C			1							
25729	8.881	0.008	7.721	0.005		0.996	0.007	T	0.97	0.01	L	7.7798	0.0011	0.013	229		7.75	7.81					1							S
25730	6.753	0.005	6.246	0.004		0.476	0.006	T	0.55	0.01	L	6.3035	0.0007	0.007	82		6.29	6.32		C			1							S
25731	10.642	0.052	9.980	0.044		0.614	0.057	T	0.68	0.05	L	10.0314	0.0027	0.026	84		9.97	10.08		C			1							G
25732	6.795	0.005	6.528	0.004		0.251	0.002	G	0.28	0.00	H	6.5545	0.0012	0.011	98		6.54	6.58	0.44	P 1 A	05297−0048	I 1	1 X							S
25733	6.995	0.036	6.859	0.036	*	0.131	0.048	T	0.15	0.05	L *	6.8324	0.0578	0.252	68	*	6.73	7.36	4.00	P 1 A	05297+3523	I 1	2 C A	AB	253	0.607	0.017	2.19	0.08	S D
25734	8.824	0.015	8.736	0.017		0.079	0.021	T	0.09	0.02	L	8.7681	0.0023	0.018	74		8.72	8.80		C			1							
25735	8.234	0.012	6.979	0.008		1.070	0.011	T	1.03	0.01	L	7.0433	0.0013	0.010	73		7.03	7.07		C			1							S
25736	9.538	0.021	9.013	0.020		0.493	0.026	T	0.57	0.03	L	9.1180	0.0026	0.019	77		9.09	9.17					1							
25737	6.768	0.006	4.883	0.003		1.592	0.003	G	1.70	0.02	A	4.8168	0.0009	0.010	94		4.80	4.83		M	05297−0106	I 1	1 G							S
25738	9.136	0.013	8.659	0.013		0.449	0.017	T	0.52	0.02	L	8.7154	0.0017	0.015	119		8.68	8.74		C			1							
25739	8.623	0.012	8.062	0.011		0.506	0.015	G	0.58	0.02	H	8.1347	0.0012	0.011	87		8.11	8.16					1							S
25740	8.587	0.007	8.597	0.009		−0.008	0.010	T	0.01	0.01	L	8.5926	0.0019	0.034	219		8.56	8.92		P 1 A			1							
25741	8.564	0.010	8.190	0.010		0.365	0.012	T	0.43	0.01	L	8.2342	0.0011	0.012	114		8.22	8.26		C			1							S
25742	6.916	0.005	7.018	0.007		−0.088	0.008	T	−0.07	0.01	L	7.0054	0.0008	0.007	84		7.00	7.02		C			1							S
25743	10.160	0.026	9.793	0.028		0.358	0.033	T	0.42	0.04	L	9.8287	0.0027	0.020	102		9.79	9.86		C			1							
25744	9.344	0.017	9.197	0.020		0.137	0.008	G	0.15	0.01	H	9.2271	0.0029	0.026	78		9.19	9.27		C			1							
25745	7.741	0.008	7.639	0.010		0.101	0.019	G	0.09	0.02	L	7.6730	0.0016	0.011	85		7.66	7.69		D	05298+1825	I 2	1							S
25746	7.044	0.006	6.686	0.007		0.348	0.008	T	0.41	0.01	L	6.7341	0.0007	0.006	96		6.72	6.74			05300−4705	I 2	1							S
25747	8.680	0.014	8.202	0.014	C	0.800	0.495	G	0.56	0.03	L *	8.2523	0.0036	0.030	84	*	8.19	8.29		D	05298+1825	I 2	2 C C	CD	253	1.396	0.063	3.69	0.24	S
25748	6.931	0.004	6.865	0.005		0.066	0.006	T	0.08	0.01	L	6.8851	0.0009	0.008	122		6.87	6.90		C			1							S
25749	7.602	0.007	7.182	0.006		0.397	0.009	T	0.46	0.01	L	7.2302	0.0010	0.008	99		7.22	7.25					1							S
25750	9.072	0.016	8.942	0.020		0.126	0.024	T	0.14	0.03	L	8.9694	0.0020	0.016	63		8.94	8.99		C			1 S							
25751	5.510	0.003	5.723	0.003		−0.192	0.006	G	−0.20	0.03	C	5.6981	0.0007	0.005	104		5.69	5.71		C			1							S
25752	8.005	0.010	8.129	0.013		−0.110	0.020	G	−0.09	0.02	H	8.1214	0.0013	0.011	100		8.11	8.14		C			1							S
25753	9.263	0.015	8.916	0.016		0.329	0.020	T	0.38	0.03	L	8.9841	0.0016	0.016	123		8.95	9.02		C			1							
25754	9.971	0.024	8.780	0.015		1.020	0.022	T	0.99	0.02	L	8.8334	0.0021	0.017	108		8.80	8.86					1							
25755	10.314	0.036	9.776	0.035		0.504	0.045	T	0.58	0.05	L	9.8230	0.0019	0.017	85		9.78	9.86		C			1 S							G
25756	8.899	0.009	8.572	0.010		0.281	0.015	G	0.32	0.02	H	8.6313	0.0012	0.017	191		8.60	8.67					1							
25757	10.169	0.022	9.381	0.017		0.715	0.022	T	0.77	0.02	L	9.4686	0.0024	0.021	131		9.44	9.51		C			1							
25758	9.841	0.020	9.255	0.018		0.549	0.020	T	0.62	0.02	L	9.3526	0.0017	0.020	120		9.31	9.38					1							
25759	10.438	0.038	9.783	0.034		0.599	0.038	T	0.67	0.03	L	9.8501	0.0025	0.025	108		9.81	9.90					1							
25760	8.899	0.011	8.312	0.010		0.549	0.011	T	0.62	0.01	L	8.3464	0.0020	0.019	116		8.32	8.58		P 1 A			1							S
25761	9.616	0.025	8.326	0.015		1.097	0.023	T	1.06	0.02	L	8.2933	0.0013	0.012	75		8.27	8.32					1 S							S
25762	7.612	0.007	7.657	0.009	*	−0.052	0.003	G	−0.03	0.00	H *	7.6512	0.0015	0.011	97	*	7.64	7.67		D	05301−0145	I 1	2 C A	AS	21	0.426	0.003	0.23	0.02	S
25763	9.908	0.030	9.312	0.027	C	0.550	0.015	G	0.62	0.01	H	7.4844	0.0524	0.340	81	−	7.20	8.34		D	05301+2933	I 2	1 C F A							G
25764	8.463	0.028	7.352	0.015	A	0.850	0.015	G	0.86	0.01	H *	7.1834	0.0047	0.030	83	−	7.15	7.23		D	05301+2933	I 2	2 C P A	AB	334	1.232	0.035	1.27	0.09	S G
25765	9.126	0.015	8.705	0.015		0.398	0.020	T	0.46	0.02	L	8.7429	0.0021	0.014	85		8.72	8.77		C			1							
25766	9.602	0.018	7.920	0.009		1.460	0.015	G	1.47	0.02	H	7.8860	0.0018	0.013	117		7.86	7.91		C			1							S
25767	9.226	0.016	8.958	0.018		0.256	0.015	G	0.29	0.02	H	9.0015	0.0014	0.015	71		8.98	9.02		D			1							
25768	6.214	0.004	5.529	0.003		0.615	0.002	G	0.68	0.00	H	5.5922	0.0006	0.004	95		5.58	5.60		C	05300−4705	I 2	1							S
25769	7.644	0.007	5.632	0.004		1.704	0.004	G	2.11	0.05	F	5.5061	0.0016	0.015	112		5.48	5.53		U 2			1							S
25770	8.548	0.012	8.639	0.015		−0.062	0.007	G	−0.04	0.01	H	8.6343	0.0020	0.017	70		8.60	8.66		C			1							
25771	9.781	0.029	9.455	0.033	*	0.309	0.041	T	0.35	0.06	L *	9.4618	0.0018	0.015	55	*	9.43	9.49		D	05302+3819	M 1	2 C A	AB	96	0.965	0.009	1.54	0.03	G
25772	9.868	0.023	9.486	0.025		0.362	0.032	T	0.42	0.04	L	9.5938	0.0019	0.017	94		9.57	9.62		C			1							
25773	8.154	0.012	8.202	0.016	*	−0.039	0.018	T	−0.02	0.02	L *	8.0811	0.0014	0.011	64	*	8.07	8.11		D	05302+4117	I 1	2 C A	AB	203	0.881	0.003	0.75	0.02	S
25774	10.117	0.029	8.255	0.013		1.548	0.025	T	1.61	0.05	L	8.1935	0.0017	0.016	75		8.17	8.22					1							
25775	11.501	0.084	9.904	0.033		1.343	0.075	T	1.31	0.09	L	9.8378	0.0035	0.042	110		9.77	9.91		R 2			1 X S							
25776	6.175	0.003	6.180	0.004		−0.003	0.004	T	0.02	0.00	L	6.1881	0.0007	0.008	126		6.18	6.32	8.57	P 1 A			1							S
25777	7.010	0.006	7.043	0.007		−0.026	0.008	T	0.00	0.01	L	7.0506	0.0007	0.007	71		7.04	7.07					1							S
25778	9.759	0.018	8.980	0.015		0.692	0.018	T	0.75	0.01	L	9.0273	0.0015	0.014	112		9.00	9.05		C			1							
25779	10.083	0.029	8.009	0.011		1.755	0.026	T	2.64	0.05	O	7.7648	0.0108	0.047	68		7.66	7.81		U 2 C			1 S							
25780	10.344	0.038	8.975	0.019		1.160	0.015	G	1.12	0.01	H	9.0449	0.0028	0.021	86		9.01	9.07					1							
25781	6.472	0.005	6.224	0.004		0.225	0.004	G	0.25	0.01	H	6.2577	0.0012	0.011	92		6.24	6.27			05303−6356	I 1	1							S
25782	9.990	0.022	9.762	0.026		0.218	0.032	T	0.24	0.04	L	9.8382	0.0021	0.019	126		9.80	9.88		C			1							G
25783	9.132	0.009	7.967	0.006		1.000	0.008	T	0.98	0.01	L	8.0304	0.0012	0.016	206		8.00	8.06		C			1							S
25784	9.688	0.019	8.931	0.015		0.676	0.018	T	0.74	0.01	L	8.9942	0.0016	0.012	100		8.97	9.02					1							
25785	7.866	0.007	6.343	0.003		1.280	0.006	T	1.24	0.01	L	6.3648	0.0006	0.006	140		6.35	6.38		C			1							S P
25786	6.077	0.004	6.295	0.005		−0.194	0.003	G	−0.19	0.03	C	6.2637	0.0008	0.006	100		6.25	6.27		C			1							S
25787	8.815	0.017	7.577	0.011		1.057	0.016	T	1.02	0.01	L	7.6267	0.0011	0.009	65		7.61	7.64		C			1							
25788	8.718	0.012	8.707	0.015	*	0.011	0.017	T	0.03	0.02	L *	8.7207	0.0022	0.020	81	*	8.70	8.75		C	05304−1330	H 1	2 C D	AB	145	0.246	0.095	3.27	0.65	D
25789	11.358	0.092	10.650	0.074		0.652	0.096	T	0.72	0.09	L	10.7539	0.0045	0.038	78		10.70	10.82					1							G
25790	6.064	0.003	5.950	0.004		0.103	0.005	T	0.12	0.01	L	5.9716	0.0006	0.005	96		5.96	5.98		C			1							S
25791	10.967	0.039	10.113	0.029		0.727	0.015	G	0.78	0.01	H	10.1796	0.0036	0.042	186		10.10	10.25					1							G
25792	9.687	0.024	9.245	0.025	*	0.417	0.032	T	0.48	0.03	L *	9.2939	0.0022	0.017	80	*	9.26	9.33		C	05305+2602	H 1	2 C C	AB	22	0.295	0.056	3.38	0.49	
25793	8.608	0.012	8.315	0.013		0.317	0.015	G	0.37	0.02	H	8.3492	0.0017	0.015	77		8.33	8.39					1							
25794	7.986	0.009	7.920	0.012		0.066	0.014	T	0.08	0.01	L	7.9311	0.0014	0.010	78		7.91	7.95		C			1							S
25795	9.108	0.012	8.381	0.010		0.653	0.012	T	0.72	0.01	L	8.4372	0.0017	0.018	140		8.41	8.46					1							S
25796	9.588	0.018	7.785	0.008		1.501	0.016	T	1.53	0.02	L	7.7271	0.0014	0.012	110		7.70	7.75					1							S
25797	8.931	0.014	8.357	0.012	*	0.540	0.013	T	0.61	0.01	L *	8.3725	0.0018	0.013	100	*	8.35	8.39		D	05305−4712	I 1	2 C A	AB	178	0.797	0.003	0.61	0.01	S
25798	9.992	0.022	8.913	0.015		0.934	0.020	T	0.93	0.01	L	8.9723	0.0021	0.022	153		8.93	9.01		C			1							
25799	7.819	0.007	7.574	0.007		0.233	0.009	T	0.26	0.01	L	7.6271	0.0010	0.010	113		7.60	7.64		C			1							S
25800	8.767	0.012	8.202	0.011		0.529	0.014	T	0.60	0.01	L	8.2676	0.0010	0.013	94		8.24	8.30					1							

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	μα* mas/yr (12)	μδ mas/yr (13)	σα* mas (14)	σδ mas (15)	σπ mas (16)	σμα* mas/yr (17)	σμδ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	F1 % (29)	F2 (30)
25801		05 30 35.92	+31 30 39.8	7.54	2	G	82.649 675 04	+31.511 055 20		2.11	6.97	−10.74	0.96	0.55	1.03	1.13	0.59	+10	+40	−18	+28	+14	−1	+16	+23	+8	+28	0	−0.52
25802		05 30 38.52	+39 49 42.0	7.62		G	82.660 485 60	+39.828 326 53		6.61	20.37	−17.97	1.07	0.80	1.24	1.55	1.03	−6	+26	−30	+22	−11	+13	−2	+20	+18	+11	0	−0.73
25803		05 30 41.04	+44 44 10.9	8.85		H	82.670 988 23	+44.736 364 62		6.60	4.60	−13.86	1.42	0.90	1.42	1.71	1.07	−29	+31	−12	+12	+23	+12	+15	+18	−21	−38	0	−0.25
*25804		05 30 42.98	−05 29 26.9	9.02		G	82.679 098 38	−05.490 792 28		4.23	3.15	−4.04	1.19	0.71	1.44	1.15	0.75	−3	+49	−13	+15	−30	+18	−35	+11	−26	−16	0	−1.05
*25805		05 30 42.79	−70 55 11.1	10.28		H	82.678 294 32	−70.919 753 69	B	16.97	−21.21	25.72	18.86	17.50	7.18	9.27	8.62	−9	+21	−6	−17	−4	+17	−2	−10	−2	−24	2	1.07
25806		05 30 43.32	+22 27 44.3	6.29		G	82.680 502 45	+22.462 304 58		8.26	42.87	−20.54	0.83	0.47	0.87	0.96	0.49	+22	+35	−9	+16	+23	−6	+17	+39	−6	+34	0	0.36
25807		05 30 44.77	−57 09 36.1	6.96		H	82.686 552 50	−57.160 032 71		11.70	−42.47	−7.87	0.51	0.50	0.53	0.55	0.59	−6	−15	+12	+14	−9	−10	−9	+9	−1	−11	0	−0.09
25808		05 30 45.05	+53 09 42.9	8.10		G	82.687 705 09	+53.161 929 98		7.79	−6.22	−24.57	0.87	0.61	1.01	1.13	0.70	+15	+23	−6	−15	+1	−4	+5	−2	+15	+3	0	−0.46
*25809		05 30 45.08	+21 30 55.3	10.33		H	82.687 839 06	+21.515 361 17		1.40	−4.32	−5.16	1.83	1.01	1.97	2.16	1.05	+15	+21	−8	+8	+29	−2	+20	+43	−7	+30	0	−0.28
*25810		05 30 45.07	+39 49 33.6	6.38		H	82.687 778 20	+39.826 003 04		7.08	23.37	−35.63	0.93	0.69	1.05	1.30	0.89	+7	+21	−17	+26	−5	−2	+1	+31	+21	+16	0	−0.11
25811		05 30 45.88	−70 55 08.5	8.19		H	82.691 155 69	−70.919 031 10	A	13.33	−26.46	27.34	1.58	1.44	1.22	1.47	1.48	−8	+24	−8	−11	−7	+13	−6	−14	+2	−19	2	1.07
25812		05 30 46.63	+13 48 54.8	9.22		H	82.694 311 49	+13.815 209 52		1.01	0.65	−9.35	1.25	0.68	1.32	1.77	0.67	+18	+22	+1	−7	+5	−4	+2	+62	−16	+21	0	0.40
25813	H	05 30 47.05	+05 56 53.6	4.20		G	82.696 033 01	+05.948 217 92	A	11.30	6.57	−32.45	1.08	0.58	1.01	1.13	0.52	−9	+18	+1	−11	−36	+13	−22	+14	−13	−35	2	−0.04
25814		05 30 47.44	+08 23 55.5	8.05		H	82.697 655 10	+08.398 743 46		12.70	−16.10	55.69	1.24	0.65	1.29	1.50	0.65	+11	+40	−7	+4	−4	+11	−10	+56	−19	+18	0	−0.70
25815	H	05 30 47.77	−71 04 02.3	11.17		G	82.699 041 40	−71.067 315 41	A	−0.19	4.60	4.29	3.84	4.19	3.44	3.35	3.94	+7	+21	+1	−5	+5	+5	+0	−20	−11	−9	1	−0.31
25816		05 30 48.65	+41 27 43.5	5.99		G	82.702 706 66	+41.462 078 00		8.45	2.01	−34.37	0.76	0.56	0.81	0.89	0.62	+15	+25	−23	+35	+34	−9	+24	+51	−16	+39	0	1.00
25817		05 30 48.67	+37 48 42.2	8.60		H	82.702 785 91	+37.811 726 69		5.86	−7.63	−13.76	1.04	0.69	1.16	1.09	0.75	−8	+46	−21	+35	+12	+14	+5	+48	−16	+1	3	1.59
25818		05 30 48.67	+00 01 42.7	8.14		G	82.702 804 14	+00.028 530 14		2.61	0.42	0.52	0.88	0.58	1.20	1.20	0.58	+0	+18	−34	+6	−52	+35	−41	+16	−19	+8	0	−0.06
25819		05 30 48.74	−21 24 28.1	8.06		H	82.703 078 64	−21.407 809 39		0.84	−1.45	1.13	0.62	0.72	1.14	1.08	0.98	+10	+6	−21	−4	−15	+27	−8	+18	−28	−2	0	−1.52
25820		05 30 49.27	−02 21 59.1	8.32		H	82.705 305 10	−02.366 429 07		0.22	0.25	1.45	0.83	0.56	1.06	0.92	0.61	+8	+31	+0	+5	−24	−1	−27	+7	−23	+13	0	1.65
25821		05 30 49.63	+49 47 13.0	10.05		H	82.706 793 11	+49.786 942 70		2.99	−3.88	−14.87	1.46	0.85	1.76	1.69	0.81	+5	+44	+15	+24	−22	−13	−26	−23	−8	−20	0	1.12
25822	H	05 30 50.08	−69 31 29.4	10.35		G	82.708 660 58	−69.524 835 00	A	−1.02	1.60	1.80	2.07	1.94	2.03	2.24	2.23	−7	−13	+13	−21	+3	+27	+6	−16	−30	−36	1	1.55
25823		05 30 51.42	+07 05 28.1	9.98		H	82.714 247 38	+07.091 151 45		2.41	4.10	−13.13	1.90	0.92	2.14	1.88	0.91	+8	+43	−1	−20	+1	−16	−15	+31	−26	+25	0	0.67
25824		05 30 51.63	−24 58 06.5	9.14		H	82.715 137 52	−24.968 479 18		2.82	−12.87	−2.39	0.68	0.95	1.28	0.83	1.20	−15	+0	−1	−6	−8	+5	−8	+11	−5	−15	1	2.00
25825		05 30 51.70	+06 46 42.6	8.21		H	82.715 414 43	+06.778 499 15		4.48	0.65	−7.28	1.05	0.61	1.18	1.12	0.60	+10	+23	−18	−10	+10	−1	−1	+44	−24	+25	0	−0.07
25826	H	05 30 51.77	+10 15 15.8	7.47		G	82.715 693 97	+10.254 386 11	A	1.02	3.25	−1.39	2.21	1.17	2.04	2.61	0.98	+21	+28	−16	+17	+8	+8	+1	+64	−29	+31	3	0.21
25827		05 30 52.00	−54 53 54.1	9.07		H	82.716 650 87	−54.898 350 60		3.61	−4.06	31.08	0.76	0.74	0.79	0.84	1.02	−11	−2	−2	−8	−2	−6	−6	+21	−12	+2	0	−2.06
*25828	H	05 30 52.55	+01 36 40.9	8.55		H	82.718 971 29	+01.611 361 68	A	2.39	4.35	1.91	2.84	1.55	2.51	3.56	1.43	+31	+32	−2	−43	−52	+2	−46	−17	−11	+32	6	1.58
*25829		05 30 52.51	−13 44 04.4	8.39		H	82.718 792 36	−13.734 568 25		1.75	20.55	−2.81	0.94	0.78	1.15	0.82	0.80	−21	+30	−20	+27	−48	−2	−56	+20	−17	−32	0	1.82
25830		05 30 52.93	−04 15 16.8	7.54		H	82.720 535 87	−04.254 661 58		4.36	−1.84	−12.25	0.75	0.52	0.96	0.89	0.58	+11	+27	−10	+5	−10	+13	−12	+10	−17	+8	2	0.48
25831		05 30 53.35	+05 41 34.2	10.18		H	82.722 288 20	+05.692 820 95		1.97	−1.17	0.40	1.64	0.78	1.85	1.97	0.79	+0	+32	−2	−20	−33	+19	−29	−3	−27	−24	0	−1.46
25832		05 30 54.48	−32 06 42.0	8.52		H	82.726 992 38	−32.111 673 11		2.06	7.10	15.78	0.53	0.60	0.77	0.58	0.72	−2	+13	−9	−2	+2	+12	+0	+18	−21	−4	0	1.51
25833		05 30 55.94	−02 41 56.0	9.20		G	82.733 066 42	−02.698 894 07		3.10	−5.53	−3.55	1.12	0.69	1.56	1.14	0.77	+6	+46	−1	+3	−14	+14	−28	+6	−38	+7	0	0.96
25834		05 30 56.09	+19 47 17.6	9.39		H	82.733 722 93	+19.788 224 79		3.08	−24.42	−63.65	1.60	0.86	1.72	2.02	0.84	+0	+35	−1	−10	+35	+7	+15	+47	−16	+11	0	0.44
25835		05 30 56.30	−56 59 01.9	8.64		H	82.734 576 91	−56.983 855 48		2.02	−8.60	34.18	0.68	0.69	0.73	0.75	0.82	−7	−14	+3	+8	−4	−11	−3	+1	−3	−10	0	1.71
25836		05 30 57.18	−06 11 41.6	12.09		H																							
25837	H	05 30 57.75	+04 40 07.4	7.92		H	82.740 614 25	+04.668 728 52	*	−0.30	−2.79	0.12	1.07	0.46	1.23	1.05	0.45	−14	+51	−6	−11	−39	−2	−40	+11	−23	−14	4	1.88
25838		05 30 58.05	+71 55 27.6	7.39		H	82.741 885 86	+71.924 342 75		5.53	10.15	−8.86	0.39	0.55	0.73	0.42	0.65	−4	+16	−9	+1	+7	+9	+9	−1	+1	+5	1	0.48
25839		05 30 59.24	−35 21 58.1	8.96		H	82.746 813 03	−35.366 140 78		3.72	2.26	7.47	0.61	0.68	0.81	0.72	0.85	−8	+11	−1	+10	−10	+11	−11	+4	−9	−9	2	−0.37
25840		05 30 59.85	−10 04 49.1	6.95		H	82.749 355 27	−10.080 318 84		23.98	160.27	−316.26	0.65	0.51	0.86	0.68	0.56	−3	+28	−12	+23	−24	−18	−30	+26	−16	−2	2	2.40
25841		05 31 00.12	−06 11 28.8	8.17		H	82.750 479 74	−06.191 335 95		4.38	0.68	0.77	0.89	0.64	1.10	0.97	0.65	+0	+27	−13	+3	−24	+0	−23	+2	−7	−3	0	−0.92
25842		05 31 00.96	−37 44 34.0	9.05		H	82.753 997 69	−37.742 776 71		2.83	3.48	−7.12	0.66	0.80	0.93	0.71	0.88	−2	−14	−8	+5	−10	+25	−9	+9	+6	+1	1	1.19
25843		05 31 01.18	−28 31 44.7	8.18		H	82.754 931 01	−28.529 096 22		20.22	−20.82	139.50	0.56	0.69	0.88	0.65	0.78	−5	+21	−1	+0	−6	+12	−7	+8	−9	−9	0	−1.56
25844		05 31 01.57	+12 05 48.4	7.59		H	82.756 543 84	+12.096 768 25		4.06	−0.80	−1.78	0.87	0.49	0.93	0.97	0.49	+23	+43	−7	+9	+26	−18	+11	+62	−21	+37	2	2.45
25845	H	05 31 02.97	+26 35 03.4	8.90		H	82.762 362 96	+26.584 264 37	A	4.11	−1.68	−14.15	3.56	2.56	2.28	2.73	1.18	−31	+34	+4	+6	+23	+23	+17	+11	−8	−11	0	0.12
25846		05 31 03.25	+06 27 38.6	9.94		H	82.763 529 82	+06.460 720 99		8.29	−28.96	−35.11	1.60	0.79	1.84	1.69	0.76	+8	+30	+6	−17	−20	−3	−21	+16	−18	+5	0	−0.67
25847		05 31 03.67	+33 19 15.1	11.03		H	82.765 293 65	+33.320 866 71		5.55	2.34	−12.43	2.16	1.37	2.51	2.61	1.69	−3	+46	−24	+7	+9	−6	+1	+32	−13	+11	0	−1.31
25848		05 31 04.38	+23 12 35.1	9.17	2	H	82.768 260 77	+23.209 754 93		9.61	7.50	−38.97	1.50	0.76	1.64	1.61	0.77	+9	+47	−5	+9	+16	−10	+7	+33	−10	+25	0	0.46
25849		05 31 04.70	−03 56 00.4	9.50		G	82.769 594 84	−03.933 455 88		2.53	1.26	0.25	1.24	0.85	1.55	1.44	0.94	+11	+29	−11	−2	−3	−2	−10	+14	−24	+20	0	1.14
25850		05 31 05.02	+03 21 11.8	7.98		G	82.770 901 35	+03.353 278 66		1.21	2.82	−3.67	0.85	0.48	1.01	0.93	0.49	−13	+45	−19	+5	−17	−9	−25	+24	−22	+3	0	1.23
25851		05 31 05.54	+23 13 04.2	10.45		H	82.773 063 95	+23.217 820 47		2.81	−4.93	−7.27	2.69	1.36	2.88	2.88	1.40	+3	+45	−13	+19	+21	−9	+10	+35	−10	+31	4	1.24
25852		05 31 06.58	+38 54 12.4	9.21		H	82.777 420 40	+38.903 450 80		6.61	−1.25	−29.71	1.49	1.07	1.72	1.73	1.21	+8	+35	−32	+31	+20	+7	+16	+35	−13	+48	0	−0.07
25853		05 31 07.62	−20 51 48.8	5.53		H	82.781 765 20	−20.863 554 55		12.00	5.07	−43.02	0.51	0.48	0.79	0.77	0.67	−9	+12	−30	−18	−2	+24	−3	+16	−42	−4	0	0.10
25854		05 31 08.50	−52 42 38.0	9.03		H	82.785 433 23	−52.710 551 57		0.40	−2.29	32.72	0.69	0.77	0.79	0.76	0.88	−2	+11	+9	+1	−3	+8	−6	−4	−14	−6	3	0.42
25855		05 31 08.90	+51 16 57.9	7.53		H	82.787 072 32	+51.282 759 90		2.60	−5.00	−36.20	0.94	0.59	1.19	0.91	0.54	+6	+41	+18	+22	+3	+15	−7	−21	−18	−3	0	1.08
25856	H	05 31 10.43	−42 17 59.8	6.70		H	82.793 456 32	−42.299 938 28	A	10.83	27.59	58.63	0.89	0.85	0.87	0.88	0.90	+0	+13	−1	−12	−1	−2	−1	+5	+4	+2	1	1.65
25857		05 31 11.40	+40 41 24.5	9.47		H	82.797 507 50	+40.690 132 13		2.03	7.92	0.52	1.32	0.91	1.48	1.69	1.08	+10	+20	−4	+4	+11	+6	+9	+27	−1	+15	2	0.17
25858		05 31 11.94	+53 21 02.9	8.37		H	82.799 749 76	+53.350 802 68		2.29	−0.78	−0.68	0.78	0.62	1.04	1.00	0.71	+22	+26	−6	−7	+2	−16	+2	−6	+8	+9	0	1.03
25859		05 31 12.74	−35 28 13.6	3.86		G	82.803 064 50	−35.470 435 92		11.77	28.36	−34.11	0.40	0.41	0.51	0.48	0.51	−0	+12	+0	+8	−11	+20	−8	−3	−15	−4	0	0.15
25860		05 31 13.80	+15 46 27.7	8.64		G	82.807 517 60	+15.774 357 94		18.66	−43.48	−373.23	1.24	0.68	1.35	1.37	0.65	−3	+37	−12	−7	+44	+1	+11	+61	−27	+28	0	0.12
25861	H	05 31 14.53	+03 17 31.7	5.46		G	82.810 549 42	+03.292 135 10	A	2.08	1.28	−0.89	1.07	0.63	1.11	1.13	0.60	−8	+36	−16	−10	−32	−3	−33	+4	−19	+1	2	0.47
25862		05 31 14.77	−50 27 31.1	8.18		H	82.811 553 29	−50.458 629 70		2.86	−30.47	33.66	0.57	0.56	0.62	0.59	0.65	+3	+8	−1	−1	−1	+5	−1	+7	+1	+0	0	−0.19
25863		05 31 18.41	−05 42 13.5	9.46	3	H	82.826 692 25	−05.703 758 60		2.37	1.50	−0.94	1.29	0.82	1.53	1.41	0.89	−17	+36	−16	+7	−25	+13	−28	+8	−25	−29	0	−1.33
25864		05 31 18.56	−79 00 32.2	8.89	2	H	82.827 315 38	−79.008 933 59		4.11	5.54	66.39	0.66	0.61	0.68	0.81	0.77	−5	+18	+2	−19	−8	−7	+0	+6	+13	−29	0	0.27
25865		05 31 18.92	−15 00 58.8	9.46		H	82.828 838 61	−15.016 329 31		3.84	−3.80	4.06	1.03	0.95	1.33	1.06	0.98	−9	+22	+5	+11	−38	−4	−37	+26	−14	−23	0	−1.66
25866		05 31 20.07	+07 07 43.0	10.18		H	82.833 610 98	+07.128 617 37		4.43	−0.44	−3.88	2.04	0.99	2.30	2.07	0.97	+10	+34	−4	−23	+7	−5	−8	+44	−28	+21	0	0.33
25867		05 31 20.35	+19 01 24.9	8.86		H	82.834 798 03	+19.023 590 01		2.61	2.98	−15.71	1.24	0.69	1.33	2.05	0.69	+0	+14	−3	−5	+32	+9	+20	+44	−17	−5	0	−0.34
25868		05 31 20.80	+60 38 34.0	9.52		H	82.836 680 10	+60.642 784 92		11.65	−13.02	−1.33	0.87	0.81	1.30	1.03	0.91	−15	+26	−17	−9	+13	−10	+14	−18	+5	+14	1	1.22
25869		05 31 20.89	−06 42 30.2	6.23		H	82.837 051 35	−06.708 381 62		1.85	1.62	1.13	0.59	0.42	0.73	0.66	0.46	+2	+29	−18	+10	−14	−5	−18	+10	−18	+10	0	−2.18
25870	H	05 31 21.21	−02 05 57.1	8.08		G	82.838 364 17	−02.099 199 20	A	1.46	−1.17	0.27	1.76	1.27	1.89	1.85	1.22	−2	+6	+7	−4	−32	+6	−30	+5	−5	+3	4	0.69
25871		05 31 22.73	+27 46 08.9	7.42		G	82.844 724 69	+27.769 149 99		11.55	24.04	−41.26	0.84	0.46	0.91	1.11	0.47	+8	+32	+0	+19	+17	+17	+14	+22	+3	+1	0	0.17
25872		05 31 23.01	−03 55 32.4	9.70		G	82.845 894 87	−03.925 669 86		−0.47	−3.13	−0.04	1.29	0.89	1.65	1.58	0.97	+5	+28	−17	−2	+4	+1	−4	+19	−25	+9	4	1.55
25873		05 31 23.44	+12 33 23.1	8.40		H	82.847 678 50	+12.556 422 06		28.00	172.35	−136.20	1.18	0.58	1.31	1.42	0.58	+7	+48	−16	+5	+16	−15	−4	+62	−29	+25	0	−1.37
25874		05 31 24.60	−60 47 12.5	8.69		H	82.852 509 54	−60.786 818 17		0.42	−6.55	48.76	0.68	0.72	0.74	0.77	0.93	−12	+6	+8	+12	−11	+13	−14	+5	−24	−15	0	0.80
25875		05 31 24.69	+36 46 44.6	7.45	1	H	82.852 893 13	+36.779 065 49		0.60	−1.11	−4.56	0.93	0.68	0.93	1.13	0.76	−17	+28	−26	+53	−9	+5	−11	+62	−11	−5	0	−0.41
25876		05 31 26.68	+32 10 27.3	10.52		H	82.861 159 99	+32.174 237 49		0.82	−0.50	−1.12	1.78	1.24	1.91	2.22	1.40	+9	+30	−20	+13	+37	+1	+24	+47	−9	+37	0	−0.82
25877		05 31 26.73	+38 19 10.9	6.88	2	T	82.861 356 24	+38.319 694 59		3.97	1.35	−47.12	0.87	0.60	1.00	0.88	0.62	−3	+45	−25	+28	+23	+12	+14	+43	−16	+21	0	1.58
25878		05 31 26.95	−03 40 19.7	7.97		G	82.862 293 96	−03.672 142 14		175.72	763.05	−2092.89	0.93	0.65	1.20	1.15	0.73	+10	+22	−13	+6	+4	+3	−2	+23	−26	+14	2	1.89
25879		05 31 27.72	−64 05 41.5	9.84		G	82.865 485 50	−64.094 871 94		11.36	−53.74	3.42	0.93	1.14	1.06	1.11	1.32	−6	+17	+16	−18	+5	+8	+3	−18	−5	−25	0	0.01
25880	H	05 31 29.09	+54 39 20.0	7.54		H	82.871 202 40	+54.655 544 73	A	24.43	−142.50	−354.00	1.05	0.88	1.18	1.00	0.75	−3	+2	−12	+9	+6	+1	+3	−11	+9	−11	0	0.96
25881		05 31 29.89	+01 41 24.1	7.53		H	82.874 530 44	+01.690 036 49		4.28	−2.30	0.36	1.06	0.55	1.09	1.28	0.54	+29	+35	−9	−39	−56	+5	−52	−15	−18	+37	2	0.93
25882		05 31 31.55	−46 03 17.2	8.24		H	82.881 449 59	−46.054 770 21		5.48	−13.43	−12.90	0.74	0.66	0.76	0.91	0.74	−5	+20	−13	+24	−22	+17	−20	+17	−5	−15	0	−1.55
25883		05 31 33.39	+64 19 08.4	7.74		G	82.889 120 02	+64.318 999 97		12.74	−28.41	−91.90	0.65	0.60	0.88	0.83	0.71	+10	+4	−11	−2	+17	−24	+15	+10	+5	+6	0	−2.98
25884		05 31 33.46	−29 39 23.1	8.46		H	82.889 400 62	−29.656 421 65		1.85	14.17	4.90	0.62	0.74	0.95	0.73	0.96	+0	+17	−2	+3	+3	−6	+1	+25	−13	+1	0	−0.93
25885		05 31 33.56	−50 03 53.6	8.04		H	82.889 822 78	−50.064 880 45		6.21	69.12	−10.53	0.58	0.57	0.62	0.60	0.65	−8	+8	+3	−8	−8	+4	−8	+1	+2	−12	1	0.90
25886		05 31 35.73	+14 55 44.1	6.69		H	82.898 857 47	+14.928 916 64		2.19	4.36	−6.13	0.96	0.46	1.07	0.90	0.46	+11	+60	−13	−13	+35	−19	+2	+59	−29	+38	2	2.07
25887		05 31 35.99	−45 55 31.5	5.86		H	82.899 952 02	−45.925 404 73		6.96	18.57	36.13	0.49	0.47	0.54	0.67	0.56	+3	+13	−11	+9	−15	+17	−10	+18	−1	−11	0	−0.41
*25888		05 31 36.09	+17 19 07.0	8.57		H	82.900 378 14	+17.318 615 73		3.89	3.39	−10.58	1.30	0.59	1.43	1.46	0.57	+13	+60	−1	−2	+22	−21	+8	+54	−13	+14	0	0.03
*25889		05 31 36.09	−61 32 28.1	7.19		H	82.900 375 33	−61.541 151 33		3.33	−2.02	10.49	0.50	0.50	0.53	0.53	0.63	−2	+20	+1	−5	−10	+7	−14	−3	−16	−9	0	0.11
25890		05 31 36.56	+17 06 53.6	9.37		H	82.902 341 52	+17.114 882 02		7.48	−27.96	−78.00	1.45	0.73	1.55	1.93	0.72	+0	+47	−6	−4	+20	−7	+5	+53	−14	+7	4	−0.24
25891		05 31 38.03	−24 47 53.7	8.43		H	82.908 470 83	−24.798 256 03		2.83	−1.30	1.47	0.51	0.71	0.97	0.63	0.92	−8	−1	+0	−3	−12	+2	−12	+15	−3	−11	0	2.46
25892		05 31 38.42	−67 28 11.6	10.30		G	82.910 084 49	−67.469 880 55		−0.16	1.26	−0.01	1.13	1.18	1.16	1.26	1.59	−19	+9	+9	−25	+17	+1	+18	−21	−10	−33	0	0.03
25893		05 31 39.19	+18 14 39.1	6.77		H	82.913 271 18	+18.244 203 89		2.40	2.90	−38.61	0.87	0.47	0.91	1.09	0.47	+0	+31	−6	+21	+20	+4	+7	+54	−18	+7	0	1.68
25894		05 31 40.40	−28 06 17.8	8.39		H	82.918 320 79	−28.104 948 79		2.13	9.19	11.29	0.66	0.79	1.08	0.81	0.87	−7	+19	+11	−4	+3	+30	−3	−10	−16	−24	0	−1.96
25895		05 31 40.58	−15 12 13.8	8.68		H	82.919 072 40	−15.203 826 23		5.69	−1.13	3.43	0.88	0.92	1.21	0.99	1.02	+5	+16	−20	+13	−29	−4	−31	+40	−24	−2	0	−1.60
25896		05 31 41.04	+09 13 33.6	7.45	2	H	82.920 980 30	+09.225 999 69		2.08	−0.16	−4.08	0.90	0.52	0.99	0.92	0.52	+20	+39	−14	+3	+25	−3	+3	+67	−27	+42	0	0.53
25897		05 31 41.22	+02 49 58.2	7.55		H	82.921 763 65	+02.832 830 06		3.58	2.33	−0.34	1.02	0.50	1.16	0.94	0.51	−30	+62	−26	+20	−29	+6	−39	+28	−32	−13	0	−0.46
25898		05 31 41.44	−07 02 55.1	7.79		G	82.922 676 72	−07.048 646 44		2.65	0.93	0.51	0.74	0.55	0.94	0.79	0.59	+4	+34	−8	+7	−23	−3	−27	+5	−20	+9	0	−1.58
25899		05 31 42.62	+55 31 16.2	9.82		H	82.927 588 48	+55.521 180 06		6.61	4.42	−51.00	1.12	0.83	1.58	1.32	0.88	+9	+26	−1	+2	−9	−29	−6	−13	+9	+5	0	1.25
25900		05 31 43.26	−27 43 53.6	10.71		G	82.930 269 10	−27.731 547 72		5.20	165.68	71.45	3.52	4.55	5.74	4.43	5.56	−13	+9	−6	−10	−3	+5	−4	−17	−10	−26	0	

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
25801	9.846	0.029	7.769	0.010		1.770	0.015	G	1.78	0.09	H	7.5810	0.0060	0.052	77		7.52	7.65		U 2 C	05306+3131	I 1	1 S							P
25802	8.845	0.020	7.698	0.013		0.986	0.019	T	0.97	0.01	L	7.7943	0.0017	0.011	54		7.78	7.82		C	05307+3950	I 2	1							
25803	10.285	0.051	8.982	0.030		1.107	0.046	T	1.07	0.05	L	9.0119	0.0024	0.015	48		8.99	9.05		C			1							
25804	9.110	0.016	8.986	0.019		0.067	0.002	G	0.08	0.00	H	9.0368	0.0015	0.014	83		9.01	9.07		C			1							
25805	11.158	0.087	10.330	0.068	B	0.746	0.084	T	0.79	0.06	L	10.5540	0.0556			B				D	05308−7055	I 2	1 C I A							
25806	7.810	0.009	6.424	0.005		1.180	0.015	G	1.09	0.04	E	6.4584	0.0007	0.007	82		6.45	6.47		C			1							S
25807	7.222	0.007	6.998	0.006		0.214	0.009	T	0.24	0.01	L	7.0235	0.0011	0.009	94		7.01	7.04					1							S
25808	8.537	0.011	8.144	0.012		0.372	0.015	T	0.43	0.02	L	8.2044	0.0017	0.016	91		8.18	8.24					1							
25809	11.081	0.072	10.272	0.055		0.731	0.069	T	0.78	0.05	L	10.4774	0.0042	0.025	76		10.44	10.53		C			1							G
25810	7.625	0.008	6.478	0.006		0.986	0.008	T	0.97	0.01	L	6.5473	0.0010	0.005	55		6.54	6.56		C	05307+3950	I 2	1							S
25811	8.785	0.013	8.244	0.012	A	0.514	0.013	T	0.59	0.01	L	8.3023	0.0085	0.045	107	A	8.26	8.39		D	05308−7055	I 2	1 C P A							S
25812	9.526	0.018	9.254	0.020		0.259	0.025	T	0.29	0.03	L	9.2921	0.0013	0.015	93		9.26	9.32					1							
25813	4.057	0.004	4.209	0.004	*	−0.143	0.010	G	−0.14	0.02	A *	4.1585	0.0005	0.004	109	*	4.15	4.17		D	05308+0557	I 1	2 C A	AB	47	1.078	0.006	1.38	0.01	S
25814	8.801	0.014	8.122	0.012		0.628	0.015	T	0.70	0.01	L	8.1794	0.0015	0.011	87		8.16	8.20		C	05308+0824	I 1	1							S
25815	10.984	0.064	10.991	0.109	*	−0.007	0.033	G	0.01	0.03	H *	11.1221	0.0066	0.046	97	*	11.04	11.21			05308−7104	H 1	2 C B	AB	40	0.597	0.068	2.43	0.20	D
25816	7.427	0.007	6.110	0.004		1.112	0.002	G	1.07	0.00	H	6.1609	0.0008	0.006	67		6.15	6.17		C			1							S
25817	8.979	0.016	8.638	0.017		0.323	0.022	T	0.37	0.03	L	8.6832	0.0019	0.013	68		8.65	8.71					1							
25818	8.050	0.010	8.095	0.013		−0.061	0.013	G	−0.04	0.01	H	8.1159	0.0016	0.013	108		8.10	8.13		C			1							S
25819	10.174	0.029	8.231	0.012		1.612	0.025	T	1.63	0.03	L	8.1769	0.0020	0.021	129		8.15	8.21					1							
25820	8.277	0.009	8.293	0.011		−0.027	0.017	G	−0.01	0.02	H	8.3208	0.0022	0.018	78		8.29	8.35					1							
25821	10.649	0.040	10.102	0.038		0.512	0.049	T	0.58	0.05	L	10.1604	0.0026	0.024	90		10.13	10.20		C			1							G
25822	10.651	0.054	10.694	0.089	*	0.138	0.027	G	0.15	0.03	H *	10.4041	0.0042	0.034	86	*	10.35	10.47			05308−6931	H 1	2 C A	AB	52	0.726	0.023	2.38	0.10	G
25823	10.442	0.042	10.035	0.045		0.385	0.057	T	0.45	0.06	L	10.0686	0.0032	0.024	77		10.03	10.11		C			1							G
25824	10.248	0.022	9.229	0.015		0.888	0.020	T	0.89	0.01	L	9.3009	0.0021	0.025	194		9.25	9.35					1							
25825	8.561	0.011	8.234	0.012		0.306	0.015	G	0.35	0.02	H	8.2821	0.0015	0.012	77		8.27	8.30		C			1							
25826	7.415	0.014	7.494	0.019	*	−0.080	0.015	G	−0.06	0.02	H *	7.4390	0.0011	0.008	88	*	7.42	7.45		D	05309+1015	I 1	2 C A	AB	263	1.161	0.004	0.65	0.01	S
25827	9.570	0.017	9.088	0.017		0.454	0.022	T	0.52	0.02	L	9.1698	0.0021	0.018	95		9.14	9.19		C			1							
25828	8.639	0.015	8.556	0.019	*	0.082	0.022	T	0.09	0.02	L *	8.5830	0.0038	0.035	99	*	8.55	8.69		D	05309+0137	I 1	2 C A	AB	50	9.666	0.012	1.62	0.06	
25829	10.188	0.028	8.555	0.014		1.367	0.025	T	1.34	0.03	L	8.5353	0.0022	0.019	93		8.51	8.58					1							
25830	7.711	0.007	7.552	0.008		0.140	0.015	G	0.15	0.01	H	7.5887	0.0010	0.008	85		7.57	7.60		C	05309−0415	I 1	1							S
25831	10.462	0.045	10.170	0.054		0.278	0.066	T	0.32	0.08	L	10.2515	0.0025	0.024	119		10.21	10.29		C			1							G
25832	8.600	0.009	8.520	0.011		0.072	0.013	T	0.08	0.01	L	8.5458	0.0014	0.019	150		8.52	8.58		C			1							
25833	9.243	0.016	9.174	0.020		0.024	0.004	G	0.04	0.00	H	9.2130	0.0020	0.017	84		9.19	9.25		C			1							
25834	10.087	0.029	9.478	0.027		0.567	0.035	T	0.64	0.03	L	9.5075	0.0031	0.022	72		9.48	9.53		C			1 S							
25835	9.930	0.025	8.741	0.016		1.018	0.023	T	0.99	0.02	L	8.8097	0.0016	0.014	93		8.78	8.83					1							
25836											T	12.2237	0.0670	0.000	1		12.22	12.22		D	05310−0612	I 2								G
25837	7.941	0.005	7.928	0.008	*	0.013	0.008	T	0.03	0.01	L *	7.9290	0.0017	0.015	139	*	7.91	7.96		D	05310+0440	I 1	2 C S A	AB	132	0.187	0.009	0.88	0.25	S
25838	8.875	0.009	7.514	0.005		1.153	0.008	T	1.12	0.01	L	7.5590	0.0009	0.010	198		7.54	7.58		C			1							S
25839	9.378	0.032	9.018	0.034		0.350	0.041	T	0.41	0.06	L	9.0421	0.0019	0.017	136		9.02	9.08					1							
25840	7.639	0.008	7.004	0.007		0.561	0.008	G	0.63	0.01	H	7.0688	0.0010	0.009	91		7.05	7.09		C			1							S
25841	8.235	0.010	8.163	0.012		0.071	0.015	T	0.08	0.02	L	8.2043	0.0025	0.017	96		8.17	8.23			05310−0612	I 2	1							S
25842	11.071	0.047	9.187	0.017		1.565	0.040	T	1.58	0.04	L	9.1742	0.0022	0.021	126		9.14	9.21					1							
25843	8.880	0.010	8.247	0.009		0.583	0.010	T	0.65	0.01	L	8.3062	0.0015	0.016	148		8.28	8.33		C			1							S
25844	7.457	0.006	7.572	0.009		−0.099	0.009	T	−0.08	0.01	L	7.5650	0.0008	0.007	103		7.55	7.58					1							S
25845	9.974	0.029	9.092	0.022	*	0.786	0.027	T	0.82	0.02	L *	9.0528	0.0022	0.020	76	*	9.02	9.09		D	05310+2635	I 1	2 C A	AB	144	0.332	0.005	0.51	0.06	
25846	10.552	0.045	9.968	0.043		0.545	0.055	T	0.62	0.05	L	10.0638	0.0020	0.027	96		10.02	10.10		C			1							G
25847						0.561	0.107	G	0.63	0.10	R	11.1559	0.0041	0.032	63		11.09	11.20		C			1							G
25848	9.952	0.032	9.248	0.028		0.649	0.035	T	0.71	0.03	L	9.3029	0.0067	0.037	67		9.24	9.38		U 2			1							
25849	10.068	0.029	9.533	0.027		0.507	0.006	G	0.58	0.01	H	9.6039	0.0026	0.025	92		9.56	9.65		C			1							
25850	7.784	0.008	7.937	0.011		−0.143	0.012	G	−0.14	0.02	H	7.9330	0.0010	0.011	109		7.92	7.95		C			1							S
25851	10.927	0.070	10.348	0.070		0.541	0.088	T	0.61	0.09	L	10.5664	0.0056	0.047	65		10.48	10.67					1							G
25852	9.715	0.033	9.274	0.034		0.416	0.044	T	0.48	0.05	L	9.3022	0.0043	0.020	51		9.28	9.33					1							
25853	5.546	0.002	5.534	0.003		0.012	0.003	T	0.03	0.00	L	5.5454	0.0007	0.005	118		5.54	5.56					1							S
25854	10.536	0.034	9.143	0.018		1.178	0.030	T	1.14	0.03	L	9.1998	0.0027	0.015	95		9.17	9.22					1							
25855	8.863	0.017	7.641	0.011		1.044	0.016	T	1.01	0.01	L	7.6925	0.0016	0.012	87		7.67	7.71		C			1							S
25856	7.068	0.006	6.704	0.007	*	0.355	0.008	T	0.42	0.01	L *	6.7870	0.0009	0.008	109	*	6.77	6.81		D	05312−4218	I 1	2 C A	AB	169	7.359	0.004	0.78	0.02	S
25857	11.504	0.111	9.605	0.035		1.577	0.092	T	1.60	0.09	L	9.5874	0.0040	0.023	60		9.56	9.62					1							G
25858	8.506	0.011	8.386	0.012		0.116	0.015	T	0.13	0.01	L	8.4172	0.0018	0.016	110		8.40	8.44					1							
25859	5.340	0.002	3.996	0.002		1.130	0.034	G	1.09	0.02	A	4.0314	0.0004	0.004	134		4.02	4.04					1 G							S
25860	9.427	0.018	8.692	0.015		0.669	0.015	G	0.73	0.01	H	8.7701	0.0015	0.014	99		8.75	8.80		C			1							
25861	5.144	0.007	5.336	0.006	*	−0.176	0.002	G	−0.18	0.00	H *	5.3929	0.0007	0.006	104	*	5.38	5.40		D	05313+0318	I 1	2 C A	AB	27	1.888	0.002	1.05	0.01	S
25862	9.370	0.014	8.296	0.010		0.930	0.013	T	0.92	0.01	L	8.3412	0.0016	0.012	122		8.32	8.36					1							
25863	10.415	0.037	9.566	0.027		0.746	0.035	T	0.79	0.03	L	9.6058	0.0032	0.024	97		9.58	9.85		P 1 A			1							G P
25864	9.542	0.018	8.936	0.016		0.565	0.021	T	0.64	0.02	L	9.0175	0.0139	0.103	131		8.89	9.21	0.96	P 1 A			1							
25865	9.675	0.020	9.477	0.024		0.208	0.015	G	0.23	0.02	H	9.5216	0.0030	0.019	86		9.49	9.56		C			1							
25866	10.352	0.036	10.226	0.048		0.122	0.056	T	0.14	0.06	L	10.2234	0.0034	0.020	71		10.18	10.26		C			1							G
25867	10.260	0.036	9.010	0.021		1.066	0.033	T	1.03	0.03	L	9.0270	0.0022	0.016	81		9.00	9.06		C			1							
25868	10.197	0.026	9.569	0.024		0.584	0.031	T	0.66	0.03	L	9.6507	0.0024	0.022	122		9.60	9.69					1							
25869	5.991	0.004	6.181	0.004		−0.178	0.006	G	−0.19	0.03	C	6.1602	0.0007	0.006	101		6.15	6.17		C			1							S
25870	8.114	0.015	8.016	0.018	*	0.079	0.001	G	0.09	0.00	H *	8.1355	0.0019	0.012	93	*	8.12	8.16		D	05314−0206	I 1	2 C A	AB	327	4.804	0.004	0.63	0.02	S
25871	8.165	0.009	7.493	0.009		0.631	0.015	G	0.70	0.01	H	7.5516	0.0007	0.007	83		7.54	7.57		D			1							S
25872	9.781	0.023	9.687	0.030		0.089	0.005	G	0.10	0.01	H	9.7309	0.0019	0.019	84		9.70	9.76		D			1							
25873	9.443	0.020	8.505	0.015		0.814	0.019	T	0.84	0.01	L	8.5475	0.0021	0.014	94		8.53	8.58		R			1							
25874	10.699	0.037	8.884	0.015		1.510	0.032	T	1.54	0.05	L	8.8103	0.0024	0.016	100		8.79	8.84					1							
25875	9.848	0.034	7.667	0.012		1.802	0.029	T	1.83	0.03	L	7.5409	0.0019	0.015	61		7.51	7.56		M			1							
25876	11.018	0.111	10.686	0.146		0.437	0.107	G	0.51	0.11	R	10.6160	0.0053	0.028	65		10.58	10.67		C			1							G
25877	9.284	0.020	7.103	0.008		1.802	0.017	T	1.83	0.02	L	7.0034	0.0274	0.105	56		6.72	7.26	89.20	P 1 A			1							S P
25878	9.844	0.024	8.144	0.011		1.474	0.009	G	2.08	0.01	A	8.0146	0.0017	0.017	89		7.99	8.04			05314−0341	I 1	1							
25879	10.554	0.040	9.856	0.034		0.598	0.005	G	0.67	0.00	H	9.9642	0.0029	0.023	96		9.93	10.00		C			1							
25880	8.301	0.012	7.584	0.009	*	0.620	0.015	G	0.69	0.01	H *	7.6716	0.0012	0.015	110	*	7.64	7.70		D	05314+5439	I 1	2 C A	AB	226	7.834	0.006	1.99	0.03	S
25881	7.350	0.007	7.500	0.008		−0.129	0.005	G	−0.12	0.01	H	7.4843	0.0013	0.010	97		7.47	7.50		C			1							S
25882	9.707	0.021	8.357	0.012		1.144	0.019	T	1.11	0.02	L	8.4051	0.0013	0.013	91		8.38	8.42		C			1							
25883	8.441	0.010	7.819	0.010		0.602	0.015	G	0.67	0.01	H	7.8688	0.0011	0.013	107		7.84	7.89		C	05316+6420	I 1	1							S
25884	8.998	0.012	8.509	0.012		0.455	0.015	G	0.52	0.02	H	8.5628	0.0019	0.018	135		8.53	8.60		C			1							
25885	9.467	0.016	8.163	0.010		1.108	0.015	T	1.07	0.02	L	8.2116	0.0014	0.012	113		8.19	8.23		C			1							
25886	6.609	0.004	6.681	0.005		−0.061	0.006	T	−0.04	0.01	L	6.6722	0.0007	0.006	93		6.66	6.68					1							S
25887	7.615	0.007	6.006	0.004		1.349	0.002	G	1.31	0.04	E	6.0138	0.0005	0.006	100		6.00	6.02					1							S
25888	9.023	0.014	8.631	0.014		0.404	0.015	G	0.47	0.02	H	8.6674	0.0011	0.013	95		8.65	8.68					1							
25889	7.054	0.005	7.167	0.006		−0.104	0.005	G	−0.09	0.01	H	7.1622	0.0008	0.007	94		7.15	7.18		C			1							S
25890	10.185	0.028	9.419	0.023		0.698	0.028	T	0.75	0.02	L	9.5152	0.0021	0.015	97		9.48	9.53		C			1							
25891	8.441	0.007	8.418	0.008		0.026	0.010	T	0.04	0.01	L	8.4433	0.0013	0.018	200		8.41	8.48		C			1							S
25892	10.864	0.056	10.275	0.049		0.402	0.019	G	0.47	0.02	H	10.4217	0.0051	0.035	90		10.37	10.49					1							G
25893	8.856	0.014	6.938	0.006		1.592	0.012	T	1.61	0.01	L	6.8828	0.0008	0.007	92		6.87	6.90		C			1							S
25894	9.605	0.015	8.479	0.010		0.969	0.014	T	0.95	0.01	L	8.5499	0.0019	0.019	148		8.52	8.58					1							
25895	8.814	0.013	8.698	0.015		0.105	0.018	T	0.12	0.02	L	8.7217	0.0022	0.019	81		8.68	8.77					1 G							
25896	7.568	0.017	7.513	0.013		0.079	0.009	G	0.09	0.01	H	7.4837	0.0051	0.105	107		7.45	7.72		U 2 C			1							S
25897	7.388	0.006	7.527	0.007		−0.122	0.004	G	−0.11	0.01	H	7.5170	0.0010	0.009	108		7.50	7.54			05317+0250	I 1	1							S
25898	7.643	0.009	7.739	0.008		−0.108	0.004	G	−0.09	0.01	H	7.7598	0.0020	0.014	98		7.74	7.79					1							S
25899	10.460	0.034	9.906	0.033		0.519	0.042	T	0.59	0.04	L	9.9332	0.0034	0.034	126		9.86	10.00					1							G
25900	11.681	0.080	10.776	0.055		0.714	0.002	G	0.76	0.00	H	10.8623	0.0035	0.038	143		10.79	10.93		C			1 X							G

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion μα* mas/yr 12	μδ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	μα* mas/yr 17	μδ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	μα*/α* 22	μα*/δ 23	μα*/π 24	μδ/α* 25	μδ/δ 26	μδ/π 27	μδ/μα* 28	Soln F1 % 29	F2 30
25901	H	05 31 43.35	+35 29 28.4	8.27		H	82.930 644 33	+35.491 226 92	A	1.38	2.47	−2.28	1.70	1.17	1.45	1.59	0.99	+31	+32	−6	−7	+3	−9	+18	+42	−5	−3	2	0.03
25902		05 31 43.67	−03 12 59.3	6.69	2	H	82.931 967 21	−03.216 463 78		2.89	0.70	−3.97	0.68	0.45	0.86	0.78	0.49	+6	+29	−10	+15	−5	+13	−10	+19	−25	+6	0	1.67
25903		05 31 43.84	−49 01 06.6	7.44		H	82.932 663 12	−49.018 491 01		2.74	−0.66	10.68	0.51	0.51	0.56	0.59	0.59	−10	+12	+1	−1	−6	+11	−5	+6	−3	−24	0	−0.66
25904		05 31 43.93	+08 27 59.5	8.56		H	82.933 025 81	+08.466 527 59		2.23	0.82	8.60	1.16	0.52	1.18	1.36	0.53	+17	+29	−10	−34	+2	+9	−14	+44	−21	+34	0	−1.78
25905		05 31 44.25	+00 05 59.5	8.36		G	82.934 367 23	+00.099 866 46		26.21	171.06	−463.72	1.15	0.62	1.28	1.59	0.86	+17	+20	−15	−39	−41	+4	−50	−6	−23	+32	2	−0.64
25906		05 31 45.54	+34 52 55.0	7.80		H	82.939 735 21	+34.881 937 75		1.69	0.51	−1.37	0.90	0.62	1.03	1.05	0.69	+17	+33	−4	+10	+11	+8	+8	+38	−2	+25	0	0.55
25907		05 31 46.02	+62 59 06.7	7.61		H	82.941 735 12	+62.985 183 54		6.99	−1.92	−20.35	0.56	0.54	0.84	0.61	0.59	−9	+19	−12	−18	+3	−11	+3	−6	+3	−8	0	−0.84
25908		05 31 46.25	+19 33 04.4	8.72		H	82.942 699 10	+19.551 209 80		2.60	−11.07	−2.85	1.22	0.62	1.30	1.66	0.59	−3	+27	−7	−15	+40	+7	+19	+46	−19	+9	0	2.03
25909		05 31 47.29	+05 04 53.0	8.50	1	H	82.947 038 90	+05.081 402 37		3.24	11.67	8.76	1.12	0.55	1.32	1.37	0.57	−5	+28	−2	−22	−25	+21	−22	−13	−22	−24	0	0.10
25910		05 31 47.53	+48 56 05.5	7.50		H	82.948 025 82	+48.934 865 81		3.53	−5.26	0.34	0.83	0.46	0.92	0.82	0.42	+7	+47	+12	+24	−21	−9	−16	−4	−2	+1	0	0.13
25911		05 31 48.00	+85 56 19.4	6.50		H	82.949 994 07	+85.938 715 32		10.05	17.27	−76.90	0.46	0.47	0.56	0.52	0.62	−8	+1	+3	−20	+8	+20	+8	−3	−3	−11	1	1.76
25912		05 31 49.00	−20 57 19.5	9.21		H	82.954 181 03	−20.955 427 55		−2.91	−4.28	−3.22	0.95	1.02	1.66	1.44	1.43	+3	−1	−26	−16	−2	+29	+2	+17	−44	+4	0	1.14
25913		05 31 50.39	−23 56 07.8	8.80		H	82.959 977 75	−23.935 500 58		3.69	0.32	7.88	0.45	0.77	1.08	0.53	0.88	−12	+6	+11	+2	−5	+11	−6	+3	−9	−26	1	−0.04
25914		05 31 50.67	−57 15 16.2	8.45		H	82.961 143 14	−57.254 497 13		2.10	1.67	3.07	0.78	0.75	0.82	0.85	0.94	+1	−27	+9	+13	+1	−10	+3	+18	−4	+6	0	1.39
25915		05 31 51.23	−07 42 58.2	9.52		H	82.963 459 52	−07.716 165 91		2.70	0.06	−0.38	1.21	0.87	1.65	1.15	0.91	−6	+46	−16	−5	−21	+0	−32	+4	−35	−2	0	0.42
25916		05 31 52.23	−38 33 23.9	8.33		H	82.967 613 49	−38.556 638 42		0.68	4.35	−16.93	0.66	0.69	0.78	0.81	0.85	−19	−1	−6	+25	−16	+9	−15	+29	−1	−14	0	0.69
25917		05 31 52.60	+11 12 15.1	8.52		H	82.969 162 17	+11.204 197 95		2.43	3.34	−12.13	1.01	0.58	1.03	1.10	0.57	+37	+38	+2	+7	+17	−13	+10	+55	−19	+40	0	1.66
25918		05 31 52.66	−76 20 30.0	5.18		G	82.969 424 37	−76.341 663 40		32.43	143.20	287.75	1.25	1.02	1.29	1.24	1.37	−12	+24	+2	−26	−1	−5	−5	−12	−4	−6	1	
25919		05 31 52.73	+54 46 11.8	8.81		H	82.969 703 07	+54.769 937 67		3.83	−7.35	−26.88	0.80	0.68	1.12	0.97	0.74	+8	+10	−12	+12	−7	−14	−10	−4	+2	−8	2	0.97
25920		05 31 52.94	+51 01 41.3	7.46		H	82.970 598 17	+51.028 138 77		−0.43	−2.54	−9.54	0.94	0.54	1.09	0.82	0.49	+7	+54	+11	+10	−7	+9	−12	−27	−12	+1	0	1.91
25921		05 31 53.23	−34 46 33.2	11.65	2	H	82.971 804 72	−34.775 898 20		2.89	94.62	−123.85	3.04	3.65	4.22	3.17	4.40	−13	+12	−3	−7	+2	+4	+2	−2	+0	−7	0	
25922		05 31 55.60	−16 40 33.2	6.99		H	82.981 672 97	−16.675 876 03		13.37	−21.48	−233.18	0.66	0.61	0.87	0.69	0.67	−7	+24	−16	+20	−17	−10	−24	+22	−28	−2	0	0.62
25923		05 31 55.86	−07 18 05.5	4.62		H	82.982 751 19	−07.301 526 25		2.11	−0.54	−4.44	0.58	0.42	0.74	0.60	0.45	−3	+39	−1	+11	−23	−8	−29	+3	−22	−4	0	−2.00
25924		05 31 56.22	+81 03 24.5	7.62		G	82.984 234 63	+81.056 794 33		3.03	−0.66	2.52	0.56	0.59	0.74	0.60	0.72	+9	+29	−5	−1	+9	+2	+10	+4	+5	+25	1	0.75
25925		05 31 56.40	+26 41 06.0	7.79		H	82.984 981 52	+26.685 001 52		2.05	2.55	−16.89	1.05	0.62	1.14	1.29	0.60	+4	+23	+11	−6	+43	+27	+28	+24	−11	+11	0	0.32
25926		05 31 56.76	+51 14 16.1	7.74		H	82.986 483 66	+51.237 796 85		0.98	−3.32	−4.02	0.94	0.57	1.18	0.93	0.50	+4	+43	+18	+18	−1	+20	−12	−30	−16	−12	2	1.38
25927		05 31 57.05	−07 49 23.3	11.56		H	82.987 717 17	−07.823 133 26	B	−4.80	22.08	1.06	30.55	26.17	17.93	24.63	17.26	+3	+35	−22	−12	−28	+5	−34	+3	−31	+7	1	1.10
25928		05 31 58.30	−07 49 19.2	9.94		H	82.992 914 14	−07.822 006 40	A	3.01	−1.37	2.11	3.57	2.71	3.71	3.07	2.46	+4	+36	−17	−11	−30	+4	−35	−2	−29	+7	1	1.10
25929		05 32 00.32	+24 59 29.8	9.48		G	83.001 347 17	+24.991 618 52		6.74	35.28	−59.54	1.30	0.72	1.40	1.74	0.69	+18	+21	−12	+12	+46	−20	+30	+33	−20	+24	0	−0.46
25930	H	05 32 00.40	−00 17 56.7	2.25	2	G	83.001 665 62	−00.299 093 40	*	3.56	1.67	0.56	1.17	0.72	0.83	0.79	0.46	−30	+41	−5	+10	−33	+29	−43	+12	−32	−33	8	1.29
25931		05 32 01.24	−09 59 49.3	8.63		H	83.005 186 20	−09.997 037 45		2.44	0.92	−1.92	0.79	0.66	1.02	0.88	0.71	−14	+24	−7	+33	−28	−18	−31	+34	−15	−6	0	1.19
25932		05 32 04.57	−22 13 36.7	8.43		H	83.019 062 34	−22.226 872 77		2.70	−10.78	−36.47	0.47	0.69	1.14	0.82	1.01	+16	+15	+4	−12	−39	+12	−36	−11	−34	+0	0	2.38
25933		05 32 05.13	−23 25 47.0	7.76		H	83.021 366 46	−23.429 715 93		7.16	−19.81	−2.54	0.38	0.58	0.83	0.46	0.73	−1	+13	+6	+0	−12	+7	−15	−6	−10	−14	0	1.41
25934		05 32 05.56	+02 36 19.9	9.26		H	83.023 180 11	+02.605 537 83		4.42	13.96	−15.48	1.76	0.77	2.08	1.60	0.82	−13	+67	−15	+1	−30	+8	−44	+13	−40	−2	2	1.67
25935		05 32 05.78	−40 02 58.5	9.74		G	83.024 089 12	−40.049 575 16		0.68	4.09	−2.97	0.77	0.82	0.94	0.83	0.96	−4	−1	−8	+4	−15	−1	−16	+1	+3	−10	2	−0.94
25936		05 32 06.01	+21 03 26.4	9.81		H	83.025 061 83	+21.057 345 06		1.26	7.29	−14.37	1.56	0.80	1.72	1.85	0.75	+20	+32	+18	−4	+38	+21	+23	+41	−11	+18	0	−0.87
25937		05 32 07.03	−06 42 29.9	7.67		G	83.029 289 67	−06.708 306 50		1.74	1.70	0.90	0.72	0.53	0.92	0.82	0.60	+6	+33	−4	+10	−19	−4	−23	+8	−23	+12	0	−1.67
25938		05 32 07.40	+06 02 49.3	8.69		H	83.030 837 59	+06.047 030 02		2.96	5.28	−2.92	1.11	0.55	1.26	1.26	0.51	−0	+40	−4	−29	−24	−9	−40	+4	−22	+16	0	−0.23
25939		05 32 07.98	−15 34 10.3	8.29		H	83.033 245 31	−15.569 523 02		4.94	2.81	−17.63	0.87	0.82	1.23	0.82	0.86	−3	+38	−11	+17	−39	+2	−44	+21	−29	−16	0	1.97
25940		05 32 09.24	+36 00 00.9	8.80		H	83.038 487 00	+36.000 237 96		4.98	20.10	−38.86	1.33	0.85	1.45	1.49	0.96	−2	+46	−2	+23	−11	+3	−9	+51	+0	+1	0	−1.60
25941		05 32 10.07	+47 11 33.9	7.79		G	83.041 939 52	+47.192 748 65		2.12	4.48	−18.67	0.88	0.54	0.92	0.92	0.54	+5	+37	−12	+27	+15	−7	+12	+20	−5	+23	2	1.93
25942		05 32 10.45	+38 04 49.0	8.18		H	83.043 555 15	+38.080 265 05		5.87	4.95	−48.09	1.08	0.70	1.26	1.04	0.71	−19	+54	−37	+18	+24	+8	+11	+41	−17	+12	0	0.98
25943		05 32 11.30	+34 56 24.5	8.85		H	83.047 076 30	+34.940 150 60		1.99	−0.07	−1.27	1.14	0.76	1.30	1.29	0.84	+12	+38	−9	+17	+12	−3	+10	+47	+0	+21	0	−0.98
25944		05 32 11.84	−53 48 17.8	8.52		G	83.049 341 17	−53.804 939 20		3.11	10.64	3.63	0.70	0.70	0.75	0.75	0.84	−1	+10	−9	−3	−18	+17	−20	+3	−17	+0	0	0.15
25945		05 32 12.75	+18 35 39.3	4.32	2	H	83.053 130 20	+18.594 245 25		1.70	−0.34	−4.51	0.74	0.44	0.80	1.14	0.46	+7	+19	−6	+11	+22	+12	+15	+52	−16	−1	0	2.44
*25946		05 32 13.86	−27 39 25.9	9.17		H	83.057 747 99	−27.657 202 08		9.18	10.43	10.79	0.73	1.09	1.32	0.88	1.19	−10	+26	−6	−4	+9	+7	+6	+5	−12	−15	0	1.94
*25947		05 32 13.85	+40 03 57.9	9.84		G	83.057 706 72	+40.066 080 28		1.67	−0.43	0.93	1.54	1.13	1.78	2.20	1.40	−1	+18	−21	+15	+1	+3	+3	+39	+12	+9	0	−0.82
*25948		05 32 14.18	+29 11 43.7	7.94		G	83.059 080 38	+29.195 469 95		7.14	−16.13	−32.06	0.93	0.59	1.04	1.06	0.62	+10	+37	−15	+13	+30	+26	+28	+26	+9	+46	0	0.76
*25949	H	05 32 14.35	+70 48 55.2	8.57		H	83.059 804 27	+70.815 329 24	A	13.99	−4.82	−55.00	1.12	1.76	1.99	0.85	1.55	−20	+20	−14	+20	−4	+11	+3	+11	+16	−10	0	0.74
*25950	H	05 32 14.14	+17 03 29.4	5.50		H	83.058 935 91	+17.058 154 45	A	2.92	−4.23	−10.85	1.82	1.06	1.57	1.88	0.91	−19	+34	−4	+3	+21	−16	+6	+44	−8	+20	9	1.99
25951		05 32 14.42	+42 58 11.9	8.99		H	83.060 062 95	+42.969 977 83		2.25	−15.15	−1.25	1.11	0.80	1.19	1.49	1.00	−2	+33	−10	+14	+15	−9	+14	+40	+3	−7	0	1.10
25952		05 32 14.48	−38 11 51.3	7.97		H	83.060 313 58	−38.197 596 40		19.81	114.96	−5.93	0.56	0.62	0.70	0.62	0.69	−18	+5	+0	+13	−11	+20	−12	+16	−7	−17	0	0.76
25953		05 32 14.76	+09 49 16.8	11.55		G	83.061 511 41	+09.821 340 80		78.30	−177.94	−219.44	2.95	1.58	3.37	3.76	1.57	+13	+25	−14	+8	+7	−1	−1	+57	−31	+18	0	−0.38
25954		05 32 14.83	−04 31 06.2	8.15	1	G	83.061 783 05	−04.518 383 74		1.79	2.66	−0.15	0.91	0.58	1.19	0.97	0.63	+17	+46	+2	−2	−13	+9	−20	+0	−22	+14	2	−0.04
25955		05 32 16.06	−06 23 46.9	9.39		H	83.066 922 95	−06.396 367 63		3.11	3.91	−1.50	1.31	0.94	1.57	1.50	1.01	+0	+26	−16	−1	−22	+0	−24	+6	−20	+1	0	0.94
25956		05 32 16.66	−03 33 50.8	9.48		G	83.069 421 84	−03.564 116 18		3.95	−2.10	−4.60	1.27	0.82	1.65	1.33	0.90	+13	+35	−15	−2	+1	+4	−11	+25	−33	+23	2	0.67
25957		05 32 17.16	+35 37 56.9	8.38		G	83.071 484 92	+35.632 460 47		6.67	−16.01	−18.79	1.03	0.65	1.16	1.18	0.75	+5	+48	+2	+7	−5	−6	+1	+40	+9	+3	0	−0.83
25958		05 32 17.54	−33 31 50.8	8.17	1	H	83.073 069 83	−33.530 766 46		0.39	1.22	−19.43	0.59	0.66	0.81	0.62	0.69	+3	+23	−5	−6	−8	+20	−10	−4	−18	−9	0	0.43
25959		05 32 18.06	+17 44 37.5	7.99		H	83.075 249 48	+17.743 736 50		5.42	7.40	−37.70	0.95	0.54	1.03	1.17	0.54	+14	+38	−8	+11	+33	−6	+16	+54	−21	+23	0	2.00
25960	H	05 32 18.45	+42 24 57.2	8.18		H	83.076 864 63	+42.415 892 44	A	4.71	5.94	−42.36	1.60	1.20	1.51	1.83	1.21	+15	+18	−26	+30	+39	−10	+27	+36	−18	+25	2	0.55
25961		05 32 18.61	−72 49 57.4	8.33		H	83.077 528 92	−72.832 611 00		4.78	−14.17	15.16	0.62	0.62	0.64	0.70	0.78	−7	+2	+1	+1	−19	+9	−21	+12	−13	−8	0	1.03
25962		05 32 18.92	−06 23 33.1	8.26		G	83.078 847 40	−06.392 525 07		3.34	1.65	−0.65	0.88	0.60	1.05	0.99	0.66	−1	+28	−14	+6	−20	−2	−23	+8	−19	−1	0	0.27
25963		05 32 20.57	−47 28 31.2	7.37		G	83.085 690 30	−47.475 333 53		17.54	−0.31	41.87	0.58	0.57	0.63	0.66	0.69	−14	+7	−12	−18	+3	+11	+4	+3	−3	−14	0	−1.70
25964	H	05 32 20.59	+49 23 36.5	6.72		H	83.085 795 70	+49.393 481 79	A	8.58	3.72	−29.77	2.10	1.34	1.97	2.06	1.00	+1	+35	+4	+34	−25	+4	−28	−29	−2	−19	12	0.75
25965		05 32 22.04	+19 07 21.3	7.49		H	83.091 837 89	+19.122 592 23		8.16	−14.78	−64.02	0.88	0.56	0.91	1.42	0.54	+6	+12	−4	+14	+37	+2	+21	+60	−18	+9	0	0.84
25966		05 32 22.84	+14 52 32.0	10.81		H	83.095 185 52	+14.875 568 98		15.48	96.22	−169.91	3.06	1.23	3.21	2.60	1.21	+9	+68	+3	−20	+16	−5	−5	+47	−14	+22	0	−1.89
25967		05 32 23.47	−36 13 04.3	8.38		H	83.097 809 15	−36.217 861 80		1.58	−3.72	−5.98	0.57	0.60	0.71	0.68	0.68	+0	−1	−9	−7	−14	+16	−13	−10	+3	−16	0	0.90
25968		05 32 24.08	−47 57 26.4	8.78		G	83.100 328 45	−47.957 327 61		2.21	−6.58	14.25	0.80	0.73	0.84	1.02	0.96	−15	+27	−7	+21	−1	+7	−2	+6	−1	−24	0	−0.42
25969		05 32 27.57	+26 58 53.9	7.12		H	83.114 867 22	+26.981 629 78		3.22	−1.85	−20.18	0.91	0.54	1.05	1.23	0.53	+7	+21	+24	+1	+33	+32	+20	+19	−6	−1	0	0.38
25970		05 32 27.83	−30 33 16.0	9.44		G	83.115 950 32	−30.554 446 58		−0.23	−43.22	−25.50	0.71	0.87	1.12	0.78	1.03	−1	+4	−7	−10	−3	+17	−3	−2	−24	−6	1	0.79
25971		05 32 29.77	−54 29 59.9	8.31		H	83.124 033 22	−54.499 979 65		3.01	−20.90	−18.17	0.70	0.70	0.78	0.76	0.92	−8	−3	−24	−3	−1	+16	+1	+18	−25	+7	0	−0.02
25972		05 32 32.75	+09 40 10.9	8.43		H	83.136 468 60	+09.669 684 69		2.42	1.51	−2.35	1.07	0.59	1.17	1.21	0.59	+16	+39	−15	+0	+14	−8	+1	+57	−25	+29	0	1.51
25973		05 32 33.68	+57 13 17.8	6.44		H	83.140 332 81	+57.221 616 86		22.79	112.04	−224.63	0.64	0.49	0.81	0.74	0.49	+36	+2	−16	−31	+4	+6	+0	−34	+20	+41	0	0.92
25974	H	05 32 35.47	+44 21 36.6	7.95		G	83.147 803 42	+44.360 155 16	*	−0.14	−1.10	−1.65	2.94	3.15	1.69	2.16	1.63	−1	+6	−20	+36	−10	+18	−1	+69	−36	−40	0	0.06
25975		05 32 35.69	+15 57 29.5	10.45		H	83.148 719 36	+15.958 184 54		9.61	6.39	−3.19	2.18	1.25	2.45	2.56	1.21	+8	+33	−16	+1	+46	−19	+18	+61	−30	+32	0	−0.18
25976		05 32 37.97	+00 00 43.1	6.15		G	83.158 202 39	+00.011 962 23		2.18	18.85	−12.12	0.69	0.43	0.86	0.83	0.45	+26	+25	−3	−4	−39	+14	−36	+8	−21	+22	2	−0.11
25977		05 32 38.79	+45 32 13.2	7.95		H	83.161 626 82	+45.537 000 24		5.31	−9.68	−23.86	0.99	0.83	1.15	1.20	0.96	+8	+33	−14	+27	+14	−3	+11	+63	−15	+1	0	1.57
25978		05 32 39.21	−33 19 53.1	8.65		H	83.163 376 17	−33.331 419 21		2.70	−12.24	−4.36	0.62	0.66	0.82	0.69	0.77	−13	+28	−8	+13	−13	+18	−16	−14	−14	−17	0	−0.55
25979		05 32 39.48	+02 05 31.8	8.57		G	83.164 510 04	+02.092 173 64		3.56	5.01	−0.80	1.53	0.69	1.70	1.76	0.67	+3	+48	−21	−20	−50	+23	−48	+5	−27	+14	4	−1.24
25980		05 32 41.35	−01 35 30.6	5.34		H	83.172 310 20	−01.591 832 93		1.27	−2.03	0.74	0.66	0.42	0.82	0.75	0.45	+11	+37	−5	+8	−20	−13	−24	+18	−21	+23	2	1.20
25981		05 32 41.84	−16 19 09.5	6.68	2	T	83.174 319 10	−16.319 301 92		4.03	13.83	45.83	0.62	0.59	0.83	0.62	0.65	−19	+18	−11	+25	−38	−5	−42	+29	−24	−24	0	0.68
25982		05 32 42.67	−60 07 29.9	7.67		H	83.177 781 70	−60.124 963 50		3.93	4.31	−19.54	0.54	0.60	0.58	0.60	0.78	−9	−4	+7	+20	−5	−6	−4	+17	−8	+0	0	0.34
25983		05 32 42.87	−48 30 34.4	9.21		H	83.178 639 18	−48.509 555 48		8.37	2.31	−35.41	0.75	0.73	0.83	0.90	0.90	−10	+21	+2	+6	+4	+8	+4	+3	+1	−21	0	−0.15
25984		05 32 43.67	+32 11 31.3	4.71	1	H	83.181 975 84	+32.192 031 40		0.80	−1.81	−4.00	0.78	0.56	0.89	0.86	0.62	+18	+41	−34	+25	+34	−15	+17	+54	−17	+56	0	−0.04
25985		05 32 43.81	−17 49 20.3	2.58	1	G	83.182 557 98	−17.822 292 27		2.54	3.27	1.54	0.43	0.46	0.72	0.58	0.57	−2	+16	−19	−2	−4	−19	−12	+16	−25	+16	3	−0.91
25986		05 32 44.19	+45 29 28.7	8.00		G	83.184 125 91	+45.491 295 32		4.35	9.03	−14.81	1.00	0.85	1.14	1.25	0.99	+0	+27	−23	+29	+11	−4	+8	+64	−17	−2	0	0.02
25987		05 32 44.52	+39 34 17.6	8.37		H	83.185 504 75	+39.571 567 79		4.90	0.61	−1.98	1.30	0.93	1.44	1.70	1.07	+0	+33	−27	+36	+5	−4	+5	+48	+3	+11	0	0.41
25988		05 32 46.63	+26 44 50.7	8.24		H	83.194 289 23	+26.747 425 03		2.27	0.83	−4.50	1.17	0.63	1.28	1.40	0.61	+1	+35	+0	−3	+41	+20	+27	+21	−10	+9	0	0.85
25989		05 32 46.76	+83 24 15.6	9.01	2	H	83.194 846 84	+83.404 321 99		7.93	−58.76	−43.06	0.69	0.79	0.88	0.84	0.93	−1	+10	+3	−5	+13	+15	+12	−14	−12	+11	8	1.52
25990		05 32 48.63	−10 25 50.9	9.69	2	G	83.202 616 49	−10.430 792 84		4.29	11.50	−19.53	1.01	0.84	1.40	1.07	0.86	−11	+15	−24	+23	−35	−8	−39	+20	−23	−5	0	1.34
25991		05 32 48.63	+61 15 24.5	8.73		H	83.202 642 63	+61.256 816 12		4.94	−4.14	−1.53	0.66	0.64	1.00	0.76	0.70	+2	+20	−2	−13	+3	−9	+1	−14	−6	+20	1	0.99
25992		05 32 49.76	−02 11 49.3	8.42		H	83.207 329 63	−02.197 024 26		2.02	−3.21	2.27	0.90	0.60	1.14	1.04	0.64	+9	+27	−4	+4	−22	−11	−23	+16	−19	+12	0	0.47
25993		05 32 51.38	−38 30 48.0	5.45		H	83.214 070 27	−38.513 345 82		18.92	50.43	−10.57	0.43	0.42	0.52	0.49	0.46	−10	+15	−12	+8	−8	+24	−9	−9	−12	−20	0	1.34
25994		05 32 52.86	−63 27 21.8	7.44		H	83.220 252 88	−63.456 056 49		5.88	12.31	12.84	0.56	0.57	0.62	0.56	0.57	+5	+13	+15	−25	+12	−2	+10	−31	−13	+8	0	−0.67
25995		05 32 53.26	+36 19 12.0	7.18		H	83.221 923 81	+36.320 003 02		7.29	16.76	−51.84	0.99	0.67	1.08	1.18	0.79	+10	+49	−18	+25	+3	+15	−1	+53	−7	+35	0	1.60
25996	H	05 32 54.87	+52 07 41.4	8.49	2	H	83.228 610 09	+52.128 175 75	A	0.72	10.83	−18.75	1.90	1.22	1.97	2.18	1.14	+8	+20	−4	+16	−18	+11	−16	−4	+10	−10	0	1.06
25997		05 32 55.90	+28 20 10.1	8.76		H	83.232 896 72	+28.336 127 78		9.92	3.13	−59.67	1.06	0.61	1.19	1.06	0.62	+5	+45	−20	+13	+27	+13	+22	+34	−2	+31	0	0.53
25998		05 32 56.40	−47 41 20.5	7.68		G	83.234 980 97	−47.689 033 34		9.40	−2.69	−44.67	0.58	0.57	0.64	0.78	0.75	−14	+9	−14	+0	+3	+4	+3	+4	−1	−15	0	−1.22
25999		05 32 56.60	−41 43 49.5	9.15		H	83.235 843 92	−41.730 406 47		1.22	2.66	1.90	0.78	0.81	0.93	0.83	1.00	+2	+0	−4	+0	−1	−5	−2	+7	−7	+5	0	−1.40
26000		05 32 57.08	−04 33 59.3	7.65		H	83.237 840 80	−04.566 477 17		0.67	3.01	−1.69	0.76	0.50	1.00	0.82	0.53	+18	+39	−5	−2	−21	+10	−26	+3	−25	+12	0	0.70

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
25901	8.425	0.014	8.304	0.017	*	0.117	0.021	T	0.13	0.02	L *	8.3107	0.0019	0.012	63	*	8.29	8.33		D	05317+3529	H 1	2 C B	AB	307	0.543	0.031	3.52	0.15	
25902	8.412	0.012	6.854	0.008		1.308	0.011	T	1.27	0.01	L	6.8462	0.0024	0.021	96		6.82	7.00		U 2 C			1							S P
25903	7.280	0.005	7.406	0.007		−0.111	0.002	G	−0.10	0.00	H	7.4023	0.0008	0.009	123		7.39	7.42		C			1							S
25904	10.733	0.048	8.720	0.016		1.668	0.040	T	1.69	0.04	L	8.6697	0.0022	0.015	104		8.64	8.69					1							
25905	9.235	0.017	8.452	0.014		0.697	0.002	G	0.75	0.00	H	8.4939	0.0016	0.015	118		8.47	8.52					1 G							
25906	8.030	0.014	7.829	0.013		0.192	0.018	T	0.21	0.02	L	7.8577	0.0021	0.012	64		7.84	7.88					1							S
25907	7.665	0.006	7.620	0.008		0.046	0.009	T	0.06	0.01	L	7.6362	0.0013	0.013	131		7.62	7.66		C			1							S
25908	8.988	0.013	8.741	0.015		0.235	0.019	T	0.26	0.02	L	8.7892	0.0013	0.012	88		8.76	8.81					1							
25909	10.933	0.038	8.764	0.011		1.792	0.032	T	1.82	0.03	L	8.5992	0.0018	0.020	140		8.57	8.63		U			1 S							
25910	7.558	0.007	7.516	0.007		0.060	0.015	G	0.07	0.01	H	7.5212	0.0010	0.007	90		7.51	7.54		C			1							
25911	6.901	0.005	6.532	0.005		0.360	0.006	T	0.42	0.01	L	6.5874	0.0007	0.007	126		6.57	6.60		C			1							S
25912	10.725	0.058	9.302	0.028		1.201	0.051	T	1.16	0.05	L	9.3797	0.0024	0.028	108		9.32	9.42					1							
25913	8.741	0.007	8.776	0.009		−0.029	0.010	T	−0.01	0.01	L	8.8011	0.0014	0.019	241		8.76	8.85					1							
25914	10.198	0.031	8.571	0.015		1.362	0.027	T	1.33	0.03	L	8.6020	0.0019	0.014	79		8.58	8.62		C			1							
25915	9.559	0.019	9.532	0.025		0.018	0.011	G	0.04	0.01	H	9.5330	0.0031	0.024	104		9.49	9.58					1							
25916	9.858	0.020	8.503	0.012		1.148	0.018	T	1.11	0.02	L	8.4961	0.0021	0.018	120		8.46	8.54					1							
25917	10.213	0.029	8.665	0.014		1.300	0.025	T	1.26	0.03	L	8.6715	0.0014	0.014	103		8.65	8.70					1							
25918	6.647	0.003	5.303	0.002		1.130	0.015	G	1.11	0.01	G	5.3394	0.0006	0.006	125		5.33	5.35			05319−7620	I 1	1 X							S
25919	10.309	0.033	8.945	0.018		1.155	0.029	T	1.12	0.03	L	8.9778	0.0019	0.019	112		8.94	9.02		C			1							
25920	9.307	0.018	7.595	0.009		1.429	0.016	T	1.42	0.03	L	7.5971	0.0017	0.013	104		7.57	7.63		C			1							
25921	12.217	0.160	11.451	0.138		0.436	0.002	G	0.50	0.00	H	11.7477	0.0099	0.090	117		11.59	11.88		U			1 X							G
25922	8.174	0.009	7.106	0.006		0.931	0.002	G	0.98	0.00	I	7.1575	0.0008	0.010	87		7.14	7.18					1							S
25923	4.282	0.003	4.572	0.002		−0.261	0.011	G	−0.28	0.02	A	4.5203	0.0007	0.005	96		4.51	4.53		C			1							S
25924	9.547	0.018	7.799	0.009		1.480	0.015	G	1.50	0.02	H	7.7407	0.0017	0.015	116		7.72	7.77					1							S
25925	9.924	0.027	7.992	0.012		1.603	0.023	T	1.62	0.02	L	7.9086	0.0014	0.011	82		7.89	7.93		C			1							
25926	9.185	0.016	7.853	0.010		1.130	0.015	T	1.09	0.02	L	7.9072	0.0015	0.012	98		7.88	7.93		C			1							S
25927	12.050	0.201	11.505	0.198	B						T	11.5674	0.0794			B				D	05320−0749	I 2	1 C I A							
25928	10.381	0.044	9.956	0.047	A	0.401	0.059	T	0.47	0.07	L	10.0301	0.0236	0.072	101	A	9.92	10.13		D	05320−0749	I 2	1 C P A							G
25929	10.155	0.035	9.554	0.031		0.528	0.001	G	0.60	0.00	H	9.5902	0.0020	0.015	79		9.57	9.61		C			1							G
25930	2.006	0.004	2.195	0.004	*	−0.175	0.003	G	−0.21	0.02	A *	2.1361	0.0017	0.030	95	*	2.12	2.22		P 1 A	05320−0018	I 1	2 C A	AD	140	0.267	0.003	1.35	0.03	S D
25931	8.613	0.010	8.620	0.013		0.000	0.015	G	0.02	0.01	H	8.6422	0.0019	0.015	106		8.62	8.68		C			1							
25932	9.696	0.012	8.516	0.008		1.011	0.011	T	0.99	0.01	L	8.5925	0.0012	0.017	248		8.56	8.62		C			1							
25933	7.996	0.005	7.789	0.006		0.182	0.005	G	0.20	0.01	H	7.8262	0.0011	0.014	230		7.80	7.85		C			1							S
25934	9.770	0.023	9.335	0.024		0.411	0.031	T	0.48	0.03	L	9.3542	0.0023	0.019	95		9.33	9.39		C			1 S							
25935	9.715	0.019	9.693	0.025		0.002	0.002	G	0.02	0.00	H	9.7469	0.0021	0.021	113		9.70	9.79					1							
25936	10.283	0.037	9.838	0.037		0.420	0.048	T	0.49	0.05	L	9.8994	0.0023	0.016	76		9.87	9.93		C			1							G
25937	7.532	0.007	7.645	0.010		−0.083	0.013	G	−0.06	0.01	H	7.6429	0.0012	0.010	87		7.63	7.66		C			1							S
25938	8.800	0.010	8.704	0.012		0.087	0.014	T	0.10	0.01	L	8.7198	0.0015	0.013	129		8.70	8.74		C			1 G							
25939	9.615	0.020	8.393	0.013		1.044	0.019	T	1.01	0.02	L	8.4596	0.0018	0.013	88		8.44	8.49		C			1							
25940	9.778	0.032	8.893	0.025		0.789	0.030	T	0.82	0.02	L	8.9498	0.0018	0.014	58		8.93	8.98		C			1							
25941	7.840	0.009	7.778	0.010		0.040	0.015	G	0.06	0.01	H	7.8077	0.0011	0.009	88		7.79	7.82		C			1							S
25942	9.754	0.024	8.313	0.014		1.216	0.022	T	1.18	0.02	L	8.3409	0.0010	0.008	63		8.33	8.35		D			1							S
25943	8.938	0.018	8.869	0.022		0.100	0.015	G	0.11	0.02	H	8.8941	0.0009	0.014	60		8.88	8.93		D			1							
25944	9.836	0.024	8.622	0.015		1.050	0.015	G	1.02	0.01	H	8.6936	0.0022	0.015	90		8.67	8.71					1							
25945	7.024	0.016	4.593	0.011		2.060	0.027	G	2.54	0.03	G	4.3349	0.0184	0.083	77		4.29	4.51		U 2 B			1 S							S
25946	9.875	0.022	9.257	0.020		0.572	0.022	T	0.64	0.02	L	9.2925	0.0022	0.025	146		9.25	9.34		C	05322−2739	I 1	1 S							S
25947	10.385	0.044	9.958	0.049		0.557	0.015	G	0.63	0.01	H	9.9639	0.0039	0.026	65		9.93	10.01					1							G
25948	8.430	0.012	7.988	0.011		0.438	0.015	G	0.51	0.02	H	8.0421	0.0011	0.009	89		8.03	8.06		C			1							
25949	9.464	0.011	8.719	0.009	*	0.681	0.011	T	0.74	0.01	L *	8.7067	0.0018	0.020	223	*	8.67	8.74		D	05322+7049	I 1	2 C A	AB	143	0.810	0.004	0.92	0.01	
25950	5.478	0.005	5.487	0.006	*	−0.004	0.007	T	0.02	0.01	L *	5.5037	0.0010	0.010	95	*	5.49	5.56		D	05322+1703	I 1	2 C A	AB	141	9.653	0.006	0.37	0.02	S
25951	10.383	0.038	9.150	0.023		1.053	0.035	T	1.02	0.03	L	9.1581	0.0021	0.013	70		9.14	9.18		C			1							
25952	8.606	0.010	8.018	0.009		0.550	0.010	T	0.62	0.01	L	8.0865	0.0013	0.014	123		8.06	8.11		C			1							S
25953						1.637	0.020	G	2.67	0.02	A	11.5120	0.0051	0.052	90		11.41	11.58					1							G
25954	8.199	0.009	8.163	0.010		0.047	0.013	G	0.06	0.01	H	8.1763	0.0024	0.018	84		8.13	8.20	2.17	P 1 A			1							S P
25955	9.417	0.024	9.381	0.031		0.020	0.015	G	0.04	0.01	H	9.4044	0.0032	0.026	91		9.37	9.45			05323−0624	I 2	1							
25956	9.644	0.020	9.455	0.025		0.145	0.004	G	0.16	0.00	H	9.5221	0.0023	0.019	89		9.49	9.55		C			1							
25957	8.826	0.017	8.424	0.018		0.408	0.015	G	0.47	0.02	H	8.4613	0.0022	0.011	61		8.45	8.48					1							
25958	10.250	0.024	8.361	0.010		1.569	0.021	T	1.59	0.02	L	8.2863	0.0019	0.022	135		8.24	8.32		U			1 S							
25959	8.550	0.010	8.043	0.010		0.476	0.013	T	0.55	0.01	L	8.0906	0.0011	0.010	95		8.08	8.11		C			1							S
25960	8.604	0.016	8.254	0.016	A	0.400	0.495	G	0.30	0.04	L *	8.2484	0.0021	0.011	65	*	8.23	8.27		C	05323+4225	I 1	2 C A	AB	33	1.477	0.011	2.19	0.07	S
25961	8.479	0.010	8.375	0.012		0.094	0.014	T	0.11	0.01	L	8.3719	0.0013	0.012	97		8.35	8.40					1							S
25962	8.136	0.011	8.230	0.014		−0.084	0.005	G	−0.06	0.01	H	8.2408	0.0015	0.012	93		8.22	8.27		C	05323−0624	I 2	1							S
25963	8.195	0.009	7.453	0.008		0.670	0.002	G	0.73	0.00	H	7.5062	0.0011	0.010	117		7.49	7.52					1							S
25964	7.239	0.007	6.739	0.006	*	0.470	0.008	T	0.54	0.01	L *	6.8222	0.0010	0.008	87	*	6.81	6.85		D	05323+4923	I 1	2 C A	AB	74	7.752	0.005	0.05	0.01	S
25965	8.083	0.009	7.549	0.008		0.501	0.011	T	0.57	0.01	L	7.6035	0.0010	0.008	93		7.59	7.62					1							S
25966	12.062	0.184	10.757	0.096		1.109	0.162	T	1.07	0.17	L	10.9773	0.0090	0.051	77		10.89	11.03					1 S							G
25967	9.226	0.013	8.459	0.011		0.704	0.015	G	0.76	0.01	H	8.5192	0.0015	0.016	126		8.50	8.55		C			1							S
25968	8.686	0.013	8.754	0.017		−0.066	0.003	G	−0.04	0.00	H	8.7655	0.0014	0.016	99		8.74	8.79					1							
25969	7.279	0.006	7.142	0.007		0.132	0.009	T	0.15	0.01	L	7.1638	0.0013	0.008	80		7.15	7.18		C			1							S
25970	9.223	0.013	9.369	0.018		−0.157	0.002	G	−0.16	0.00	H	9.3920	0.0024	0.024	138		9.35	9.43					1							
25971	9.698	0.019	8.424	0.011		1.085	0.017	T	1.05	0.01	L	8.4740	0.0015	0.014	96		8.45	8.51					1							
25972	8.416	0.010	8.422	0.012		−0.001	0.014	T	0.02	0.01	L	8.4386	0.0016	0.014	96		8.41	8.46					1							
25973	7.159	0.005	6.520	0.004		0.587	0.005	T	0.66	0.01	L	6.5677	0.0006	0.006	142		6.56	6.58					1							S
25974	8.009	0.018	7.971	0.019	*	0.070	0.015	G	0.08	0.02	H *	7.9826	0.0022	0.012	42	*	7.96	8.00		D	05326+4422	H 1	2 C A	AB	175	0.280	0.023	2.32	0.29	S
25975	10.929	0.058	10.349	0.057		0.542	0.072	T	0.62	0.08	L	10.5669	0.0042	0.038	78		10.47	10.61					1							G
25976	8.222	0.009	6.353	0.004		1.553	0.008	T	1.57	0.01	L	6.2756	0.0011	0.011	108		6.26	6.30					1							S
25977	8.669	0.015	8.017	0.014		0.646	0.015	G	0.71	0.01	H	8.0815	0.0011	0.011	63		8.06	8.10		C			1							S
25978	8.940	0.011	8.686	0.013		0.242	0.016	T	0.27	0.02	L	8.7198	0.0012	0.015	129		8.69	8.74		D			1							
25979	8.489	0.012	8.540	0.015		−0.070	0.004	G	−0.05	0.00	H	8.5527	0.0017	0.013	94		8.53	8.58					1							
25980	5.095	0.003	5.311	0.003		−0.188	0.004	T	−0.20	0.01	L	5.2744	0.0005	0.005	104		5.27	5.28		C	05327−0136	I 1	1 S							S
25981	8.691	0.011	6.857	0.005		1.526	0.010	T	1.57	0.01	L	6.8171	0.0089	0.047	95		6.75	6.87	71.17	P 1 A			1							S
25982	8.945	0.012	7.792	0.008		0.990	0.011	T	0.97	0.01	L	7.8361	0.0010	0.010	111		7.82	7.86		C			1							S
25983	9.947	0.023	9.278	0.020		0.609	0.023	T	0.68	0.02	L	9.3342	0.0019	0.016	107		9.31	9.36					1							
25984	5.067	0.003	4.771	0.004		0.281	0.005	T	0.51	0.03	C	4.8053	0.0019	0.014	68		4.77	4.82		U 2			1							S
25985	2.879	0.002	2.620	0.001		0.211	0.008	G	0.32	0.02	A	2.6426	0.0005	0.005	150		2.64	2.65		M	05327−1750	I 1	1 S							S
25986	9.136	0.019	8.100	0.014		0.910	0.015	G	0.91	0.01	H	8.1455	0.0012	0.010	64		8.13	8.17		C			1							S
25987	9.724	0.034	8.498	0.021		1.047	0.031	T	1.02	0.03	L	8.5347	0.0015	0.014	56		8.52	8.56		C			1							
25988	8.308	0.011	8.241	0.014		0.067	0.017	T	0.08	0.02	L	8.2720	0.0022	0.011	78		8.25	8.30					1							
25989	9.860	0.021	9.083	0.017		0.707	0.021	T	0.76	0.02	L	9.1531	0.0029	0.032	131		9.10	9.20		U 2	05328+8324	I 1	1 S							
25990	9.989	0.028	9.722	0.032		0.347	0.015	G	0.41	0.02	H	9.7679	0.0036	0.032	88		9.72	9.81		U			1							
25991	9.024	0.011	8.759	0.013		0.278	0.015	G	0.32	0.02	H	8.7989	0.0015	0.016	132		8.77	8.83		C			1							
25992	8.459	0.010	8.433	0.012		0.029	0.014	T	0.05	0.01	L	8.4416	0.0022	0.015	92		8.42	8.47					1							
25993	7.050	0.005	5.591	0.002		1.224	0.000	G	1.16	0.04	E	5.6187	0.0006	0.005	126		5.61	5.63					1							S
25994	7.743	0.007	7.457	0.008		0.271	0.011	T	0.31	0.01	L	7.5089	0.0011	0.009	85		7.49	7.53		C			1							S
25995	7.525	0.009	7.199	0.007		0.282	0.001	G	0.32	0.00	H	7.2585	0.0014	0.008	62		7.25	7.27		C			1							S
25996	9.895	0.031	8.657	0.019	A	1.078	0.243	G	0.95	0.05	L *	8.6498	0.0055	0.035	93	*	8.61	8.71		U 2	05329+5208	I 1	2 C D	AC	257	8.897	0.078	3.65	0.26	D
25997	9.272	0.020	8.766	0.019		0.476	0.025	T	0.55	0.03	L	8.8640	0.0019	0.012	87		8.84	8.89		C			1							
25998	7.849	0.008	7.710	0.009		0.135	0.015	G	0.15	0.01	H	7.7251	0.0013	0.009	104		7.71	7.74		C			1							S
25999	10.613	0.036	9.287	0.020		1.125	0.032	T	1.09	0.03	L	9.3174	0.0019	0.022	121		9.27	9.36		C			1							
26000	7.630	0.008	7.638	0.012		−0.006	0.013	T	0.01	0.01	L	7.6540	0.0009	0.010	92		7.64	7.67					1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
26001		05 32 59.52	−64 13 39.1	5.34		G	83.248 019 62	−64.227 514 22	+	14.07	33.10	−1.27	0.64	0.94	0.52	0.51	0.59	+25	+16	+10	−13	−5	+3	+6	+16	−6	−13	0	−0.15
26002	H	05 32 59.63	−75 14 12.6	8.09		G	83.248 456 14	−75.236 821 60	A	3.51	3.05	16.71	0.82	0.67	0.79	0.86	0.87	−22	+19	+5	+5	−19	+7	−21	−26	−25	−6	2	1.03
26003	H	05 32 59.81	−24 15 18.5	9.15		H	83.249 225 13	−24.255 151 95	*	16.42	11.15	−47.18	1.43	2.02	1.73	1.09	1.55	−8	+6	−7	−27	−12	−3	−16	+10	−16	−5	1	0.89
26004		05 33 00.85	−17 15 29.1	8.20	2	H	83.253 537 09	−17.258 084 33		−0.02	−6.39	7.70	0.73	0.68	1.11	0.78	0.77	−12	+36	−24	+15	−12	−17	−24	+17	−32	+16	0	0.66
26005		05 33 01.76	−25 22 01.5	7.07	2	H	83.257 340 75	−25.367 091 30		3.34	14.62	0.74	0.41	0.59	0.78	0.51	0.73	−8	+0	+2	−3	−7	+1	−6	+4	−1	−15	0	−0.65
26006		05 33 01.89	+56 14 51.6	10.66		H	83.257 893 68	+56.247 666 89		12.62	−76.33	−190.42	1.39	1.14	1.87	1.63	1.15	+43	+7	−4	−30	−12	−16	−15	−52	+16	+39	4	0.40
26007		05 33 02.71	+29 23 21.5	12.08	2	G	83.261 295 71	+29.389 318 39		27.23	−327.70	−175.69	3.17	2.16	3.49	3.96	2.38	+7	+17	−18	+7	+27	+8	+18	+46	−10	+26	3	1.11
26008		05 33 02.91	+68 00 48.4	6.82		H	83.262 119 40	+68.013 431 83		17.07	2.63	−190.31	0.42	0.49	0.73	0.60	0.59	+8	+6	−10	+24	+27	+9	+25	+11	+1	+13	0	2.12
26009	H	05 33 02.96	−30 34 20.6	11.49	2	H	83.262 314 81	−30.572 397 62	A	−3.27	0.74	−32.36	3.25	3.90	4.37	3.34	3.94	−4	+13	+6	−4	−15	+20	−12	−11	+3	−14	7	0.00
26010		05 33 03.29	−41 56 21.8	8.83		H	83.263 688 21	−41.939 385 74		4.49	12.12	12.91	0.71	0.77	0.86	0.79	0.88	+8	+20	−15	−4	−1	+4	+1	+6	+1	+1	0	−1.73
26011		05 33 03.55	+59 09 15.7	9.88		G	83.264 810 73	+59.154 354 80		12.03	64.74	−214.08	1.26	1.00	1.51	1.51	1.07	−11	−15	+3	−30	+28	+8	+26	−22	−3	−22	0	0.38
26012		05 33 03.66	−01 14 27.8	7.97		G	83.265 264 35	−01.241 046 50		3.94	−3.47	0.75	0.89	0.53	1.09	0.99	0.55	+16	+41	+6	+4	−34	−9	−36	+9	−29	+21	3	0.34
26013		05 33 04.59	−26 43 29.6	9.12		H	83.269 122 93	−26.724 885 51		29.57	15.02	151.99	0.69	0.93	1.17	0.80	0.96	−10	+3	+6	−8	−6	+18	−6	−5	−6	−23	1	−0.63
26014		05 33 05.00	−34 29 37.6	9.21		H	83.270 852 81	−34.493 790 28		14.60	−25.32	−133.20	0.70	0.77	0.95	0.76	0.96	−11	+23	+3	−5	−2	+1	−5	−4	−16	−6	0	−0.56
26015		05 33 05.35	+23 08 32.4	7.91		H	83.272 296 12	+23.142 343 92		4.77	3.09	−18.98	1.02	0.57	1.08	1.14	0.58	+4	+33	−17	+17	+29	−12	+19	+35	−6	+35	0	0.05
26016	H	05 33 05.59	−01 43 15.6	8.60		H	83.273 298 15	−01.720 993 72	C	1.18	1.10	1.23	9.14	6.09	1.10	1.00	0.63	+18	+2	−1	−3	−5	+2	−4	−1	−7	+7	8	−1.91
26017		05 33 06.76	−12 54 13.0	8.84		H	83.278 165 33	−12.903 612 84		4.33	−2.59	1.07	1.00	0.81	1.24	0.98	0.81	−12	+8	−16	+26	−49	+10	−52	+10	−6	−29	0	−0.54
26018	H	05 33 06.98	+20 02 10.6	8.81		G	83.279 070 33	+20.036 282 21	A	21.71	−71.00	−296.53	2.51	1.40	2.45	2.80	1.20	−13	+8	+3	−5	+36	+30	+18	+44	−15	+19	2	−0.43
26019		05 33 07.32	−35 08 21.5	5.75		H	83.280 485 00	−35.139 307 73		11.74	100.02	−28.13	0.42	0.46	0.56	0.49	0.56	−7	+9	+3	−7	−1	+8	−3	−10	−16	−11	0	−0.62
26020	H	05 33 07.35	−01 43 02.5	6.53		G	83.280 606 05	−01.717 360 64	A	1.18	1.10	1.23	1.09	0.67	1.10	1.00	0.63	−9	+14	−23	+11	−18	+2	−23	+25	−7	+7	8	−1.91
26021		05 33 07.48	−05 20 26.1	8.60		H	83.281 146 99	−05.340 585 25		1.48	1.61	−0.31	0.90	0.59	1.11	0.97	0.61	−6	+31	−12	+12	−31	+13	−33	+8	−22	−15	0	1.56
26022		05 33 08.20	−47 39 45.3	8.40		H	83.284 182 59	−47.662 590 86		2.87	2.85	−12.88	0.70	0.74	0.79	0.88	0.96	−13	−1	−5	−10	+10	+3	+10	−1	+0	−6	0	−0.81
26023		05 33 08.28	+46 52 53.5	7.80		H	83.284 508 91	+46.881 532 66		5.93	20.66	−36.43	0.94	0.75	0.96	1.09	0.80	+41	+15	−18	+46	+47	−20	+38	+65	−24	+55	0	0.09
26024		05 33 08.91	+03 07 51.9	7.58		G	83.287 110 82	+03.131 092 16		2.56	2.18	−0.43	0.87	0.41	1.00	0.87	0.42	+1	+56	−3	−2	−22	−11	−29	+20	−25	+6	0	−0.53
26025		05 33 09.00	+05 16 37.5	8.69		H	83.287 518 10	+05.277 080 59		5.81	−17.65	−11.55	1.13	0.51	1.32	1.31	0.49	−1	+37	+4	−10	−42	+11	−39	+27	−28	−13	2	−0.51
26026		05 33 09.02	−65 56 32.3	8.40	1	H	83.287 567 35	−65.942 311 78		12.67	16.03	18.18	0.56	0.67	0.66	0.42	0.78	+9	+10	+14	−59	+4	−3	+2	−13	−4	+25	1	−1.01
26027		05 33 09.13	+15 56 38.6	8.19		H	83.288 060 64	+15.944 061 19		14.25	31.64	−140.83	1.11	0.63	1.21	1.38	0.62	+15	+16	−6	+10	+38	−3	+24	+47	−25	+22	0	1.39
26028		05 33 10.84	+11 12 08.2	8.27		H	83.295 162 10	+11.202 291 42		2.94	−8.39	−6.97	0.99	0.60	1.02	1.16	0.62	+25	+34	−7	+4	+15	−10	+5	+56	−15	+39	0	0.63
*26029		05 33 13.58	−18 33 41.3	8.94		H	83.306 592 12	−18.561 460 75		1.05	−8.06	4.80	0.70	0.81	1.25	1.07	1.12	−3	+21	−5	−11	−4	−13	−7	+9	−22	−8	0	0.89
*26030		05 33 13.58	−65 01 22.9	8.60		H	83.306 569 58	−65.023 031 74		15.97	83.37	139.84	0.63	0.75	0.70	0.68	0.96	−10	+2	+2	−1	+14	−5	+16	+0	−10	−9	0	0.22
26031		05 33 13.66	+51 28 13.5	8.00		H	83.306 927 56	+51.470 427 48		1.85	−1.66	−2.95	0.95	0.53	1.16	0.90	0.48	+14	+54	+20	+20	−6	+15	−20	−27	−17	−14	2	2.80
26032		05 33 13.75	+07 09 12.5	7.89	2	H	83.307 275 95	+07.153 463 58		3.49	0.10	−4.30	1.25	0.45	1.44	1.19	0.44	+2	+41	−3	−37	−23	+12	−32	+14	−36	−3	0	−1.70
26033		05 33 13.91	+39 29 59.5	9.28		G	83.307 970 52	+39.499 874 99		5.45	−14.03	1.09	1.73	1.24	1.89	2.27	1.43	+7	+31	−19	+32	+10	−12	+10	+53	+4	+9	0	−0.45
26034		05 33 15.53	+32 17 21.9	6.62		H	83.314 703 88	+32.289 406 00		4.70	8.17	−24.31	0.81	0.51	0.94	0.86	0.56	+0	+46	−25	+7	+17	+4	+7	+41	−6	+32	0	0.51
26035		05 33 16.20	−34 18 14.4	6.87		H	83.317 496 81	−34.303 994 37		5.89	5.70	−0.36	0.47	0.48	0.61	0.49	0.55	−6	+26	+3	+3	−8	+15	−14	−9	−20	−13	0	0.67
26036		05 33 16.49	−07 35 15.1	8.64		G	83.318 711 19	−07.587 524 70		3.00	−4.55	−15.80	0.89	0.67	1.19	0.88	0.68	+0	+37	−12	−4	−29	−9	−35	+8	−25	+0	0	0.80
26037		05 33 16.93	+39 30 21.7	8.11		G	83.320 521 16	+39.506 037 96		18.52	−67.89	−139.08	1.14	0.83	1.29	1.55	0.96	−3	+26	−24	+28	+3	−16	+0	+48	+0	+2	0	−1.23
26038		05 33 16.97	+45 14 21.1	8.46		H	83.320 691 22	+45.239 191 98		3.96	2.19	−15.80	1.10	0.92	1.18	1.36	1.07	+23	+20	−9	+27	+27	−4	+30	+58	−3	+8	0	1.81
26039		05 33 17.39	−51 38 30.2	7.52		H	83.322 455 59	−51.641 723 04		7.06	−4.72	14.00	0.49	0.57	0.57	0.58	0.70	+8	+0	+6	+17	−7	−17	−7	+21	−8	+12	0	1.06
26040		05 33 17.95	−47 56 12.8	9.43		G	83.324 782 65	−47.936 876 03		2.88	10.95	−121.94	0.95	0.96	1.06	1.23	1.20	−20	+18	−7	+10	+4	+16	+5	−4	+5	−24	0	−0.58
26041		05 33 18.31	−26 45 01.9	9.26		H	83.326 293 02	−26.750 538 84		2.26	−0.73	−6.65	0.66	0.96	1.19	0.76	1.01	−15	+6	+12	−27	+12	+21	+9	−18	−14	−21	2	−0.10
26042		05 33 18.68	−11 26 05.6	9.77		G	83.327 812 85	−11.434 898 18		2.48	−2.43	6.52	1.15	0.89	1.59	1.19	0.98	+2	+27	−4	+2	−25	−14	−32	+7	−31	−9	0	−0.23
26043		05 33 19.01	+17 28 33.3	8.57		H	83.329 226 49	+17.475 910 48		−1.58	−0.80	−3.27	1.26	0.64	1.33	1.41	0.62	−1	+42	−2	+16	+25	+4	+8	+41	−17	+13	0	−0.42
26044		05 33 19.58	+08 32 18.6	7.70	1	H	83.331 570 51	+08.538 491 71		3.18	−0.25	−0.19	0.95	0.47	1.00	0.98	0.48	+22	+38	−7	−30	+1	−5	−14	+36	−28	+33	0	−0.23
26045		05 33 21.87	+02 22 35.7	8.64		H	83.341 120 72	+02.376 573 62		1.98	2.01	−2.48	1.43	0.62	1.48	1.46	0.63	+2	+59	−11	−21	−46	−3	−53	+9	−38	+18	0	0.63
26046		05 33 23.73	−30 46 06.5	8.44		H	83.348 893 90	−30.768 483 98		7.33	26.25	−30.30	0.63	0.73	0.94	0.68	0.91	−7	+20	−16	+17	−9	+27	−8	+1	−6	−9	0	2.10
26047		05 33 24.48	−29 38 33.4	9.35		H	83.351 995 77	−29.642 612 84		−0.15	9.38	1.72	0.86	0.93	1.24	1.03	1.09	−1	+30	−14	+9	+1	+3	−2	+1	−11	+4	0	1.64
26048		05 33 26.06	+00 37 16.9	8.07	1	G	83.358 578 05	+00.621 369 93		2.72	−1.65	−1.40	0.78	0.47	0.93	1.04	0.47	+14	+10	−16	−13	−38	+13	−31	+9	−11	+21	3	−0.46
26049		05 33 26.11	−39 08 55.3	8.77		H	83.358 798 77	−39.148 690 18		1.78	−0.60	−18.69	0.66	0.75	0.83	0.72	0.88	−11	+11	−10	−6	−6	+4	−4	+18	+7	−16	0	0.41
26050	H	05 33 26.80	−49 22 39.3	7.15		H	83.361 664 07	−49.377 593 03	*	13.46	18.80	−121.22	0.51	0.51	0.56	0.59	0.58	−9	+14	−3	−2	−11	+12	−10	−1	+1	−22	0	−0.06
26051		05 33 26.84	+38 47 02.2	8.61		H	83.361 840 91	+38.783 942 23		3.10	−2.43	−2.00	1.26	0.82	1.32	1.32	0.83	−16	+41	−26	+34	+13	+8	+7	+46	−9	+4	0	1.10
26052		05 33 26.92	−09 23 34.4	9.04		H	83.362 157 36	−09.392 889 14		3.37	3.47	−3.43	0.90	0.79	1.21	1.04	0.88	+3	+25	−13	+8	−18	−7	−20	+0	−12	+10	0	0.09
26053		05 33 27.24	−56 34 24.0	8.29		H	83.363 520 42	−56.573 335 42		3.20	4.58	−13.30	0.61	0.69	0.68	0.64	0.78	−5	−3	+5	+16	−12	−8	−12	+2	−8	+1	0	1.89
26054		05 33 27.41	+32 48 04.7	6.50		H	83.364 188 03	+32.801 319 34		10.98	−4.42	−57.35	0.84	0.59	0.94	1.01	0.66	+6	+35	−27	+25	+21	−8	+11	+56	−13	+28	0	−0.57
26055		05 33 27.43	+02 39 05.7	9.05		H	83.364 298 53	+02.651 580 21		3.24	0.92	−0.45	1.52	0.66	1.66	1.47	0.66	+1	+63	+2	−5	−40	−9	−47	+24	−36	+7	0	0.42
26056		05 33 27.68	−64 25 06.1	9.16		H	83.365 316 06	−64.418 364 90		5.70	2.02	14.11	0.76	0.85	0.83	0.94	1.15	−13	+14	+11	−3	+10	+0	+9	−12	−8	−24	0	0.92
26057		05 33 28.72	+42 06 32.3	6.55		H	83.369 667 32	+42.108 965 49		0.57	4.86	−3.07	0.74	0.58	0.82	0.87	0.64	+11	+31	−23	+27	+26	+3	+21	+41	−7	+27	0	0.18
26058		05 33 29.86	−09 07 46.3	12.22		G	83.374 434 14	−09.129 539 31		26.61	463.40	159.96	3.08	2.31	3.95	3.13	2.45	−14	+34	−20	+29	−23	+1	−27	+10	−22	+0	2	−0.05
26059		05 33 30.24	+52 39 11.1	7.82		H	83.375 999 95	+52.653 077 72		2.55	−1.59	−18.51	0.84	0.55	1.02	1.08	0.57	+13	+21	−3	−4	−5	+2	−2	−10	+16	−4	0	−0.13
26060	H	05 33 30.36	−24 20 15.0	7.68		G	83.376 492 99	−24.337 492 29	A	19.22	12.39	−174.46	0.64	0.88	1.17	0.70	0.99	−3	−5	−8	−1	−15	−4	−11	+13	−15	−21	2	−0.29
26061		05 33 30.66	−03 06 34.1	8.29		H	83.377 741 72	−03.109 472 68		4.47	3.67	−15.39	0.88	0.57	1.08	0.94	0.61	+15	+36	−4	+13	−6	−1	−13	+16	−24	+21	0	0.16
26062		05 33 30.75	+24 37 44.1	6.97		H	83.378 142 61	+24.628 913 25		10.00	8.15	−41.88	0.91	0.54	0.99	1.19	0.56	+25	+18	−16	+19	+38	−22	+25	+51	−24	+36	2	0.36
26063		05 33 31.45	−01 09 21.9	5.36	2	T	83.381 028 82	−01.156 071 62		1.76	−0.55	−0.49	0.66	0.41	0.82	0.74	0.43	+22	+37	+8	+7	−30	−8	−32	+15	−27	+23	0	−0.97
26064		05 33 31.63	+18 32 24.8	5.67	2	T	83.381 790 70	+18.540 230 92		1.74	0.15	0.01	0.80	0.46	0.85	1.27	0.48	+9	+21	−7	+13	+25	+1	+16	+46	−18	−3	0	2.24
26065		05 33 31.99	−40 55 58.3	8.16		H	83.383 274 18	−40.932 858 22		13.84	−9.07	56.84	0.57	0.66	0.72	0.58	0.76	−13	+16	−17	+21	−2	+12	+0	+6	−9	+1	0	−1.06
26066		05 33 34.47	−57 04 59.6	6.76		G	83.393 620 48	−57.083 234 92		8.39	20.21	40.95	0.51	0.49	0.53	0.55	0.57	−7	−22	+7	+23	−13	−14	−9	+0	−8	+2	0	1.56
26067	H	05 33 36.16	−51 03 56.6	8.83		H	83.400 673 83	−51.065 735 43	A	22.03	2.56	28.68	1.98	2.43	1.84	1.65	2.22	+2	+2	+18	+20	−12	−5	−16	+6	+2	+5	0	−0.60
26068		05 33 37.49	−32 37 20.5	8.60		H	83.406 195 66	−32.622 370 75		2.02	38.75	−6.79	0.56	0.70	0.84	0.60	0.80	−9	+18	−3	+7	+0	+21	−2	+1	−11	−16	0	1.26
26069		05 33 37.52	−62 29 23.5	3.76	3	T	83.406 318 13	−62.489 855 85	*	3.14	1.06	12.56	0.57	0.55	0.59	0.56	0.66	−10	+14	+4	−15	+2	−10	+1	−10	−1	−11	5	−0.38
26070		05 33 37.72	−03 27 47.4	6.75		H	83.407 173 64	−03.463 155 53		1.28	−8.37	−6.45	0.72	0.45	0.90	0.78	0.49	+4	+34	−6	+6	−9	+12	−14	+9	−22	+5	0	0.69
26071		05 33 38.23	+34 43 32.2	6.27		H	83.409 271 80	+34.725 604 21		7.99	−14.60	−14.11	0.72	0.48	0.80	0.82	0.54	+17	+37	−5	+15	+6	−3	+9	+37	+8	+19	2	1.16
26072		05 33 38.84	+20 28 27.2	6.19		H	83.411 818 39	+20.474 234 51		4.08	2.92	−7.47	0.85	0.50	0.94	1.02	0.50	+17	+24	−3	−3	+47	+20	+28	+55	−19	+32	0	0.00
26073		05 33 39.56	−17 47 09.2	8.12		H	83.414 822 70	−17.785 895 99		4.03	19.48	−25.08	0.58	0.65	1.07	0.80	0.85	−11	+29	−22	−8	−5	−12	−13	+4	−18	+17	0	0.26
26074		05 33 39.72	−13 31 55.2	9.17		H	83.415 485 07	−13.531 997 60		2.17	−3.96	−1.00	0.97	0.84	1.22	1.06	0.88	−7	+24	−22	−12	−36	+7	−25	+17	−5	−37	0	0.18
26075		05 33 40.12	+48 16 39.3	7.60		H	83.417 173 47	+48.277 596 25		6.75	20.41	16.96	1.05	0.60	1.10	1.12	0.62	−7	+44	−7	+28	−11	+6	−4	+27	+10	+8	0	−1.49
26076		05 33 41.15	+36 27 35.0	8.21		H	83.421 467 01	+36.459 721 85		0.82	3.62	−4.12	1.18	0.75	1.25	1.44	0.86	+9	+43	−17	+36	+5	−1	−1	+54	−17	+18	0	−1.12
26077		05 33 43.10	+32 44 56.2	6.54		H	83.429 568 46	+32.748 957 61		4.30	19.23	−11.88	0.86	0.60	0.99	1.04	0.68	+4	+39	−33	+24	+19	−8	+7	+55	−18	+28	0	−0.19
26078	H	05 33 43.60	−18 40 41.5	8.13		G	83.431 685 62	−18.678 204 94	*	8.79	36.29	29.45	2.45	1.47	1.24	0.90	1.00	−3	+4	−2	−12	−9	−4	−9	−7	−20	−14	1	−0.46
26079		05 33 44.30	−54 54 08.3	6.42		G	83.434 572 43	−54.902 314 60		17.80	65.95	10.37	0.50	0.50	0.53	0.53	0.60	−5	−1	−12	+3	−6	+8	−7	+17	−11	+2	0	0.76
26080		05 33 44.66	+38 52 35.0	8.76		H	83.436 098 44	+38.876 387 28		14.15	−16.98	21.46	1.21	0.87	1.34	1.45	0.94	−11	+31	−17	+26	+6	+0	+1	+44	−8	−1	0	0.97
26081		05 33 44.94	+01 56 44.8	11.53		G	83.437 232 30	+01.945 778 89		59.45	−241.34	−156.61	3.35	1.73	3.88	4.71	1.69	−4	+17	−32	−35	−39	+32	−31	+16	−25	−1	5	0.70
26082		05 33 45.45	−00 01 44.2	8.31		H	83.439 385 44	−00.028 931 02		2.16	−0.02	1.91	0.95	0.57	1.16	1.13	0.58	+23	+31	+3	−12	−39	+10	−38	+7	−26	+17	0	−0.12
26083		05 33 46.24	−34 59 57.2	9.15		H	83.442 676 32	−34.999 233 04		2.73	12.37	19.04	0.69	0.82	0.96	0.85	1.16	−8	+6	+8	+2	+0	+8	−2	−1	−3	−11	0	−1.79
26084		05 33 47.47	−31 27 02.9	9.01		H	83.447 810 01	−31.450 812 94		1.62	8.87	5.85	0.69	0.78	1.02	0.79	0.93	−12	+27	−12	+22	−7	+16	−7	+4	−9	−11	0	1.01
26085	H	05 33 48.95	−19 25 50.7	8.58		H	83.453 947 51	−19.430 738 96	A	1.93	−3.72	5.83	1.02	1.09	1.37	1.40	1.27	+17	+8	−13	−15	−8	+17	−2	−3	+21	+4	1	0.03
26086		05 33 49.41	+66 22 02.2	9.05		H	83.455 885 32	+66.367 285 03		4.93	−10.41	−22.09	0.66	0.70	1.09	0.81	0.82	−16	+5	+0	+26	+11	−11	+10	+27	+10	−11	1	0.46
26087		05 33 50.49	−29 56 25.9	7.96		H	83.460 354 75	−29.940 531 37		2.48	10.65	16.86	0.54	0.60	0.79	0.64	0.70	−13	+15	−10	+4	−6	−6	−9	−8	−12	−16	0	−0.50
26088	H	05 33 50.90	+44 47 08.3	7.69		G	83.462 103 28	+44.785 632 35	A	1.58	2.99	−2.83	1.71	1.47	1.78	2.05	1.46	+3	+4	−28	+9	+23	−14	+19	+50	−11	+0	2	0.28
26089		05 33 51.17	−63 32 50.3	8.21		H	83.463 222 84	−63.547 296 98		1.93	37.33	55.82	0.68	0.71	0.72	0.72	0.72	−11	−4	+2	−37	+23	+14	+23	−37	−5	−1	0	−0.06
26090		05 33 51.29	−12 28 00.5	8.76		H	83.463 724 13	−12.466 802 06		4.77	8.52	10.58	0.85	0.74	1.08	0.87	0.78	+12	+1	−11	+3	−36	−9	−40	−4	+3	−4	0	−0.55
26091		05 33 51.99	−29 50 57.2	6.52		H	83.466 610 49	−29.849 235 21		3.50	−0.43	4.50	0.42	0.44	0.60	0.51	0.57	−5	+20	−6	+1	−4	−1	−7	−5	−14	−6	0	0.46
26092		05 33 53.46	−09 02 55.4	8.60		H	83.472 740 14	−09.048 711 72		6.97	27.49	−36.58	1.01	0.77	1.31	1.09	0.88	−7	+39	−16	+18	−18	+2	−24	+11	−24	+1	0	−0.68
26093		05 33 54.29	+14 18 20.1	5.60		H	83.476 188 30	+14.305 592 09		6.35	−1.96	−5.74	0.97	0.49	1.01	0.96	0.53	+19	+51	−13	−24	+29	−7	+2	+31	−18	+54	0	1.80
26094		05 33 54.37	+27 09 50.5	7.84		H	83.476 520 84	+27.164 037 14		1.88	−0.81	−4.01	1.12	0.63	1.21	1.41	0.67	+6	+46	−13	+16	+25	−1	+18	+42	−2	+8	0	0.98
26095	H	05 33 54.87	−14 48 17.4	8.88		H	83.478 614 82	−14.804 822 81	*	2.47	8.23	−10.25	0.97	0.97	1.33	0.94	0.98	−4	+19	−32	+11	−43	+4	−46	+23	−4	−5	0	0.92
26096		05 33 56.21	−28 08 55.2	8.21		H	83.484 190 02	−28.148 676 59		2.85	9.73	16.40	0.64	0.85	1.06	0.90	1.04	−9	+16	−1	−6	+3	+16	+0	−24	−16	−12	0	1.71
26097		05 33 56.55	+76 23 55.2	9.94		H	83.485 645 63	+76.398 652 79		6.96	6.22	26.94	0.81	1.15	1.36	1.00	1.35	+5	+2	−1	+1	+13	+18	+10	+20	−11	+16	0	0.49
26098		05 33 57.59	+01 24 27.5	6.58		H	83.489 937 73	+01.407 646 74		2.46	3.37	−0.07	0.80	0.44	0.92	1.11	0.43	+15	+3	−28	−37	−40	+30	−33	+12	−10	+22	0	−1.57
26099		05 33 57.96	+33 24 48.8	8.09		H	83.491 480 91	+33.413 551 08		2.47	−0.79	−4.72	0.97	0.67	1.02	1.09	0.72	+12	+30	−12	+35	+17	−5	+11	+57	−8	+26	0	−0.67
26100		05 34 00.02	+15 35 04.6	7.32		H	83.500 090 64	+15.584 614 75		17.44	−50.85	−28.43	1.01	0.53	1.08	1.10	0.54	+3	+39	−2	−18	+27	+2	+6	+24	−20	+23	0	1.26

30582	16507

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
26001	6.661	0.004	5.457	0.003		1.039	0.002	G	1.03	0.02	A	5.5046	0.0006	0.005	99		5.49	5.51		C			1 O							S
26002	8.056	0.009	8.098	0.011	A	−0.031	0.004	G	−0.01	0.00	H *	8.0842	0.0012	0.012	94	*	8.07	8.10			05330−7514	I 1	2 C C	AB	134	9.688	0.036	4.01	0.18	S
26003	10.248	0.022	9.231	0.015	*	0.860	0.015	G	0.90	0.01	H *	9.2903	0.0020	0.026	199	*	9.24	9.33		D	05330−2415	I 1	2 C A	AB	244	0.297	0.005	0.97	0.06	
26004	10.429	0.033	8.413	0.012		1.670	0.028	T	1.69	0.03	L	8.3048	0.0030	0.028	121		8.25	8.34		U 2			1							
26005	9.190	0.011	7.266	0.005		1.631	0.010	T	2.07	0.04	O	7.1379	0.0036	0.033	168		7.10	7.18		U 2			1							S
26006	11.594	0.080	10.661	0.057		0.810	0.076	T	0.84	0.05	L	10.8027	0.0038	0.032	150		10.74	10.85		C			1							G
26007						1.453	0.004	G	1.82	0.02	I	12.1510	0.0143	0.060	62		11.95	12.26		U			1							G
26008	7.253	0.004	6.862	0.004		0.370	0.005	T	0.43	0.01	L	6.9094	0.0009	0.010	152		6.89	6.93		C			1							S
26009											T *	11.6267	0.0110	0.103	125	*	11.42	11.78		U	05330−3034	M 1	2 C D	AB	183	8.757	0.073	1.95	0.29	G D
26010	10.238	0.030	8.920	0.017		1.119	0.027	T	1.08	0.03	L	8.9969	0.0018	0.017	115		8.97	9.03		C			1							
26011	10.702	0.043	9.901	0.035		0.747	0.004	G	0.79	0.00	H	9.9999	0.0032	0.030	104		9.95	10.04					1							G
26012	7.928	0.008	7.945	0.011		−0.033	0.006	G	−0.01	0.01	H	7.9659	0.0014	0.014	108		7.94	7.98					1							S
26013	10.462	0.028	9.241	0.016		1.045	0.015	G	1.10	0.02	I	9.2565	0.0020	0.029	157		9.20	9.31					1							
26014	10.008	0.021	9.286	0.018		0.649	0.021	T	0.71	0.02	L	9.3477	0.0025	0.020	133		9.31	9.39					1							
26015	9.602	0.021	8.052	0.011		1.301	0.019	T	1.26	0.02	L	8.0701	0.0012	0.010	82		8.05	8.09		C			1							
26016	8.811	0.018	8.728	0.021	*	−0.100	0.495	G	0.05	0.04	L *	8.6209	0.0059	0.054	107	−	8.26	8.67		D	05331−0143	I 2	2 C F C	CD	296	0.662	0.020	0.89	0.11	Y
26017	9.071	0.013	8.849	0.015		0.206	0.020	T	0.23	0.02	L	8.9097	0.0022	0.018	86		8.88	8.94					1							
26018	9.885	0.032	8.892	0.022	*	0.900	0.015	G	0.94	0.02	I *	8.9537	0.0016	0.013	95	*	8.93	8.97		D	05331+2002	I 1	2 C A	AB	161	3.868	0.011	1.73	0.07	
26019	7.156	0.005	5.880	0.003		1.085	0.005	G	1.08	0.04	E	5.9213	0.0006	0.006	131		5.91	5.94		C			1							S
26020	6.480	0.010	6.621	0.010	A	−0.099	0.008	G	−0.08	0.01	H *	6.4914	0.0010	0.011	110	−	6.47	6.51		D	05331−0143	I 2	2 C P C	AB	355	1.605	0.004	1.54	0.03	S G
26021	8.554	0.011	8.600	0.014		−0.039	0.015	T	−0.02	0.01	L	8.5918	0.0013	0.013	101		8.57	8.62					1							G
26022	9.833	0.024	8.532	0.014		1.106	0.022	T	1.07	0.02	L	8.5701	0.0015	0.015	99		8.55	8.59					1							
26023	8.129	0.012	7.810	0.014		0.303	0.017	T	0.35	0.02	L	7.8804	0.0010	0.010	70		7.87	7.90		D			1							S
26024	7.434	0.006	7.567	0.009		−0.100	0.011	G	−0.08	0.01	H	7.5583	0.0013	0.010	113		7.54	7.58					1							S
26025	9.062	0.011	8.721	0.012		0.348	0.015	G	0.41	0.02	H	8.7721	0.0019	0.018	155		8.74	8.80					1							
26026	8.984	0.013	8.468	0.012		0.494	0.013	T	0.57	0.01	L	8.5187	0.0017	0.017	105		8.48	8.55		M			1							S
26027	8.814	0.016	8.257	0.015		0.549	0.015	G	0.62	0.01	H	8.3099	0.0016	0.014	81		8.29	8.34					1							
26028	9.363	0.016	8.394	0.012		0.851	0.015	T	0.87	0.01	L	8.4216	0.0015	0.010	92		8.40	8.44		C			1							S
26029	10.174	0.024	9.007	0.015		1.001	0.022	T	0.98	0.02	L	9.1028	0.0020	0.022	162		9.06	9.14					1							
26030	9.318	0.016	8.667	0.014		0.594	0.015	G	0.66	0.01	H	8.7252	0.0018	0.014	97		8.70	8.75		C			1							
26031	8.035	0.008	7.993	0.011		0.045	0.007	G	0.06	0.01	H	8.0169	0.0012	0.012	105		8.00	8.04		C			1							S
26032	11.659	0.089	8.278	0.009		2.450	0.510	G	2.70	0.33	P	7.8675	0.0155	0.195	135		7.69	8.10	323.20	P 1 A			1 S							
26033	9.466	0.036	9.189	0.041		0.257	0.015	G	0.29	0.02	H	9.3543	0.0030	0.022	60		9.32	9.39		C			1							
26034	6.569	0.006	6.608	0.006		−0.031	0.008	T	−0.01	0.01	L	6.6141	0.0008	0.007	71		6.60	6.63					1							S
26035	7.224	0.005	6.896	0.005		0.316	0.008	T	0.36	0.01	L	6.9485	0.0010	0.011	139		6.93	6.97					1							S
26036	8.742	0.013	8.657	0.015		0.069	0.012	G	0.08	0.01	H	8.6742	0.0019	0.017	107		8.65	8.70					1							
26037	8.827	0.022	8.153	0.019		0.617	0.015	G	0.69	0.01	H	8.2524	0.0017	0.015	60		8.23	8.27		C			1							
26038	9.902	0.033	8.587	0.020		1.117	0.030	T	1.08	0.03	L	8.6246	0.0020	0.016	62		8.60	8.65		C			1							
26039	7.886	0.008	7.548	0.008		0.293	0.002	G	0.33	0.00	H	7.5921	0.0009	0.009	98		7.58	7.61					1							S
26040	10.326	0.033	9.520	0.027		0.740	0.021	G	0.79	0.01	H	9.5644	0.0022	0.019	90		9.53	9.61		C			1							
26041	10.516	0.028	9.350	0.017		1.000	0.026	T	0.98	0.02	L	9.4206	0.0023	0.026	157		9.37	9.46					1							
26042	10.156	0.029	9.763	0.031		0.349	0.015	G	0.41	0.02	H	9.8626	0.0025	0.024	82		9.82	9.89		C			1 S							
26043	10.462	0.034	8.706	0.015		1.464	0.029	T	1.47	0.04	L	8.7012	0.0029	0.019	92		8.67	8.73					1							
26044	10.006	0.027	7.920	0.010		1.726	0.023	T	1.75	0.02	L	7.8026	0.0026	0.016	94		7.77	7.82		U			1							
26045	8.642	0.013	8.660	0.016		0.008	0.012	G	0.00	0.01	L	8.6432	0.0020	0.015	99		8.62	8.67					1							
26046	9.535	0.017	8.523	0.012		0.883	0.016	T	0.89	0.01	L	8.5938	0.0019	0.019	134		8.57	8.63					1							
26047	10.597	0.035	9.400	0.020		1.025	0.031	T	1.00	0.03	L	9.5149	0.0028	0.027	131		9.48	9.58					1							
26048	7.912	0.008	8.035	0.010		−0.109	0.002	G	−0.09	0.00	H	8.0313	0.0011	0.012	109		8.02	8.05	2.12	P 1 A			1							S P
26049	10.254	0.028	8.887	0.015		1.158	0.025	T	1.12	0.02	L	8.9402	0.0019	0.018	110		8.90	8.98		C			1							
26050	7.709	0.006	7.196	0.006	*	0.492	0.006	T	0.56	0.01	L *	7.2555	0.0010	0.010	126	*	7.24	7.27		C	05334−4923	H 1	2 C S B	AB	0	0.107	0.008	1.00	0.70	S
26051	8.642	0.013	8.601	0.016		0.020	0.015	G	0.04	0.01	H	8.6215	0.0019	0.011	61		8.60	8.64		C			1							
26052	9.342	0.016	9.092	0.018		0.238	0.023	T	0.27	0.03	L	9.1059	0.0022	0.021	85		9.07	9.14		C			1							
26053	9.647	0.019	8.406	0.012		1.059	0.018	T	1.03	0.01	L	8.4621	0.0017	0.013	96		8.44	8.48		C			1							
26054	6.609	0.005	6.486	0.005		0.094	0.006	G	0.09	0.04	D	6.5280	0.0008	0.006	66		6.52	6.54		C			1							S
26055	9.060	0.016	9.031	0.020		0.031	0.024	T	0.05	0.02	L	9.0648	0.0022	0.017	103		9.04	9.09		C			1							
26056	9.274	0.016	9.166	0.020		0.098	0.023	T	0.11	0.03	L	9.1992	0.0020	0.016	96		9.17	9.22		C			1							
26057	6.515	0.007	6.536	0.008		−0.015	0.010	T	0.01	0.01	L	6.5491	0.0009	0.007	66		6.54	6.56		C			1							S
26058						1.385	0.019	G	1.64	0.04	I	12.3551	0.0112	0.076	76		12.25	12.51					1							G
26059	8.047	0.008	7.858	0.009		0.181	0.011	T	0.20	0.01	L	7.8852	0.0012	0.012	107		7.86	7.91		D			1 S							S
26060	8.335	0.008	7.783	0.007	A	0.544	0.015	G	0.62	0.01	H *	7.7965	0.0010	0.016	207	*	7.77	7.83		D	05335−2420	I 1	2 C A	AB	22	4.157	0.029	3.51	0.11	S
26061	9.601	0.020	8.418	0.013		1.014	0.019	T	0.99	0.01	L	8.4532	0.0017	0.012	91		8.43	8.48		C			1							
26062	7.032	0.006	6.978	0.007		0.055	0.009	T	0.07	0.01	L	6.9927	0.0007	0.007	67		6.98	7.00		C			1							S
26063	5.130	0.007	5.332	0.007		−0.175	0.009	T	−0.18	0.01	L	5.2902	0.0086	0.076	97		5.26	5.53	1.49	P 1 A			1							S
26064	5.635	0.004	5.664	0.005		−0.022	0.006	T	0.00	0.01	L	5.6614	0.0052	0.032	81		5.60	5.70	1.04	P 1 A			1							S
26065	8.714	0.010	8.212	0.010		0.500	0.015	G	0.57	0.02	H	8.2663	0.0016	0.013	117		8.25	8.29		C			1							S
26066	7.177	0.007	6.786	0.007		0.382	0.015	G	0.45	0.02	H	6.8407	0.0010	0.007	94		6.82	6.85		C			1							S
26067	9.509	0.031	8.652	0.020	*	0.990	0.010	G	0.97	0.01	H *	8.9735	0.0031	0.026	114	*	8.93	9.04		D	05336−5104	I 1	2 C A	AB	64	1.574	0.006	0.44	0.03	
26068	9.806	0.019	8.720	0.013		0.939	0.018	T	0.93	0.01	L	8.7654	0.0018	0.015	136		8.75	8.80					1							
26069	4.775	0.058	3.850	0.034		0.640	0.020	G	0.69	0.02	A	3.9030	0.0352	0.302	93		3.55	4.23	9.84	P 1 A			1 V							S
26070	8.701	0.019	6.894	0.009		1.504	0.017	T	1.53	0.03	L	6.8717	0.0010	0.009	92		6.85	6.89					1							S
26071	6.472	0.005	6.295	0.007		0.170	0.008	T	0.19	0.01	L	6.3263	0.0010	0.006	67		6.32	6.34		C			1							S
26072	6.144	0.004	6.184	0.003		−0.034	0.004	T	−0.01	0.00	L	6.1865	0.0006	0.006	95		6.18	6.20					1							S
26073	9.451	0.019	8.250	0.012		1.028	0.018	T	1.00	0.01	L	8.2873	0.0018	0.015	167		8.26	8.31					1							
26074	9.387	0.018	9.206	0.021		0.166	0.027	T	0.18	0.03	L	9.2229	0.0034	0.022	85		9.20	9.27					1							
26075	8.624	0.014	7.694	0.010		0.822	0.013	T	0.84	0.01	L	7.7538	0.0012	0.011	71		7.74	7.77		C			1							S
26076	8.644	0.014	8.271	0.015		0.353	0.019	T	0.41	0.02	L	8.2932	0.0013	0.011	66		8.27	8.31		D	05337+3628	I 1	1							
26077	8.578	0.013	6.709	0.006		1.580	0.015	G	1.59	0.09	H	6.6620	0.0014	0.008	71		6.65	6.67					1							S
26078	8.601	0.009	8.186	0.009	*	0.413	0.015	G	0.48	0.02	H *	8.2364	0.0014	0.016	152	*	8.21	8.27		D	05337−1841	H 1	2 C A	AB	185	0.202	0.026	2.01	0.45	S
26079	7.070	0.005	6.484	0.005		0.550	0.015	G	0.62	0.07	F	6.5375	0.0007	0.008	89		6.53	6.56			05337−5454	I 1	1							S
26080	9.475	0.021	8.804	0.019		0.621	0.024	T	0.69	0.02	L	8.8867	0.0026	0.018	66		8.85	8.92		C			1							
26081						1.576	0.020	G	2.42	0.02	A	11.5370	0.0058	0.061	90		11.45	11.62					1							D
26082	8.268	0.010	8.323	0.013		−0.039	0.002	G	−0.02	0.00	H	8.3084	0.0013	0.012	106		8.29	8.33		C			1							
26083	10.476	0.028	9.277	0.017		1.026	0.026	T	1.00	0.02	L	9.3131	0.0019	0.018	126		9.28	9.35					1							
26084	10.298	0.025	9.135	0.015		0.998	0.023	T	0.98	0.02	L	9.1751	0.0019	0.024	138		9.14	9.22		C			1							
26085	8.819	0.012	8.609	0.014	A	0.000	0.495	G	0.14	0.04	L *	8.6266	0.0014	0.019	117	*	8.60	8.67		D	05338−1926	I 1	2 C D	AB	63	1.161	0.029	3.26	0.11	D
26086	9.591	0.013	9.086	0.012		0.475	0.016	T	0.55	0.02	L	9.1565	0.0018	0.022	210		9.12	9.20		C			1							
26087	8.219	0.008	7.965	0.011		0.242	0.013	T	0.27	0.02	L	8.0286	0.0014	0.013	139		8.01	8.06					1							S
26088	8.530	0.027	7.666	0.021	*	0.773	0.026	T	0.81	0.02	L *	7.8560	0.0024	0.015	55	*	7.83	7.88		R	05338+4447	I 1	2 C A	AB	59	2.183	0.004	1.06	0.02	S
26089	9.996	0.027	8.366	0.013		1.364	0.024	T	1.33	0.03	L	8.3591	0.0016	0.013	85		8.34	8.38		C			1							
26090	9.226	0.014	8.797	0.014		0.419	0.016	T	0.49	0.02	L	8.8506	0.0015	0.016	96		8.82	8.88					1							
26091	6.499	0.004	6.512	0.004		−0.016	0.002	G	0.01	0.00	H	6.5204	0.0007	0.007	141		6.51	6.54		C			1							S
26092	9.198	0.016	8.662	0.015		0.503	0.020	T	0.58	0.02	L	8.7110	0.0017	0.018	87		8.69	8.74		C			1							
26093	5.439	0.003	5.576	0.004		−0.118	0.004	T	−0.10	0.01	L	5.5652	0.0006	0.004	66		5.56	5.57					1							S
26094	9.737	0.027	8.005	0.013		1.445	0.024	T	1.44	0.04	L	7.9710	0.0012	0.011	70		7.95	7.99		C			1							
26095	10.241	0.031	9.006	0.019	*	1.054	0.028	T	1.02	0.02	L *	9.0420	0.0027	0.022	84	*	9.01	9.09		C	05339−1448	H 1	2 C S A	AB	203	0.135	0.011	0.53	0.66	
26096	10.046	0.020	8.372	0.010		1.399	0.018	T	1.38	0.02	L	8.3568	0.0019	0.019	127		8.33	8.39					1							S
26097	10.467	0.029	9.948	0.029		0.487	0.037	T	0.56	0.04	L	10.0477	0.0026	0.028	147		9.98	10.09		C			1							G
26098	6.338	0.004	6.547	0.006		−0.174	0.003	G	−0.18	0.00	H	6.5158	0.0006	0.007	99		6.51	6.53		C			1							S
26099	8.086	0.010	8.096	0.012		−0.004	0.014	T	0.02	0.01	L	8.0992	0.0022	0.013	74		8.08	8.12					1							
26100	8.002	0.009	7.379	0.012		0.580	0.013	T	0.65	0.01	L	7.4404	0.0010	0.008	66		7.43	7.45					1							S

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Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
26101		05 34 00.92	+14 29 24.4	8.48		H	83.503 822 76	+14.490 102 24		4.58	−10.24	−17.13	1.30	0.66	1.43	1.37	0.70	+13	+44	−13	−17	+22	+6	+2	+24	−14	+45	2	−0.14
26102		05 34 01.68	−11 00 08.4	10.02		G	83.507 001 56	−11.002 333 22		5.57	−4.87	2.99	1.28	1.08	1.85	1.30	1.19	−5	+24	+0	+17	−33	−20	−40	+6	−28	−9	0	−0.07
26103		05 34 02.31	+79 51 10.0	7.30		H	83.509 619 56	+79.852 766 79		3.61	−15.16	−13.87	0.42	0.51	0.59	0.47	0.56	+6	+13	−6	+13	+5	+8	+7	−2	+5	+14	1	1.33
26104		05 34 02.48	−07 01 25.1	6.45		H	83.510 331 75	−07.023 651 88		5.12	−12.36	−40.49	0.68	0.47	0.85	0.70	0.52	+11	+43	−1	−3	−22	−9	−28	+6	−24	+2	2	−0.35
26105	H	05 34 03.38	+46 11 12.9	7.77		H	83.514 081 08	+46.186 921 83	*	2.34	7.15	−17.36	0.87	0.71	0.98	1.04	0.77	+18	+22	−15	+33	+25	−4	+18	+60	−16	+28	0	1.14
26106		05 34 03.89	−01 02 08.6	6.24		H	83.516 204 82	−01.035 719 38		2.63	2.94	−2.89	0.70	0.43	0.87	0.80	0.46	+12	+37	+7	+15	−34	−3	−35	+27	−28	+14	0	−1.18
26107		05 34 03.92	+03 03 27.0	7.83		H	83.516 328 28	+03.057 500 06		6.66	2.53	−13.60	0.93	0.46	1.06	0.97	0.45	+3	+51	+3	−9	−26	−12	−30	+27	−22	+9	0	0.24
*26108		05 34 04.06	−01 28 12.7	5.92		H	83.516 898 42	−01.470 204 76		3.87	−13.93	−19.99	0.63	0.42	0.80	0.72	0.45	+14	+34	+2	+21	−16	−8	−21	+37	−27	+19	0	0.55
*26109		05 34 04.03	+69 39 38.1	7.85		H	83.516 800 92	+69.660 589 02	A	12.13	−9.96	75.38	1.06	1.51	1.73	1.04	1.54	−7	+12	−4	−37	+8	−1	+5	+0	−3	+0	1	0.58
26110		05 34 05.02	−11 21 34.9	8.77		G	83.520 898 54	−11.359 683 09		5.51	1.41	1.60	1.00	0.82	1.45	0.95	0.87	−16	+42	−21	+11	−27	−14	−41	+13	−30	−11	0	1.82
26111		05 34 05.28	+69 39 51.3	10.43		H	83.522 003 28	+69.664 259 24	B	−7.02	12.35	3.83	15.93	28.30	12.03	11.51	22.10	−4	+14	−1	−33	+8	−3	+5	+3	−8	+0	1	0.58
26112		05 34 05.47	−06 50 17.1	8.51		H	83.522 791 20	−06.838 091 69		1.03	2.03	0.64	0.90	0.61	1.11	0.92	0.67	+3	+41	−6	+4	−23	−6	−29	+6	−22	−2	0	1.40
26113		05 34 08.71	+51 12 58.3	11.07		G	83.536 301 64	+51.216 195 46		37.65	−51.76	−222.32	2.08	1.26	2.54	2.17	1.16	+2	+44	+11	+17	−5	+11	−14	−30	−13	−18	0	0.61
26114		05 34 09.13	+56 52 32.1	8.43		H	83.538 049 37	+56.875 577 15		0.84	0.03	−11.73	0.90	0.63	1.02	1.11	0.65	+33	+4	+3	−47	−2	−2	−9	−41	+4	+39	0	1.52
26115		05 34 09.49	+78 19 22.4	7.74		H	83.539 548 87	+78.322 893 12		1.94	−6.12	−1.74	0.53	0.62	0.78	0.53	0.69	−1	+37	−13	+2	+6	+7	+6	+8	+3	+27	0	−1.45
26116		05 34 09.52	+43 56 15.1	7.21		H	83.539 662 05	+43.937 520 54		7.12	20.95	−26.88	0.85	0.64	0.93	1.25	0.79	+1	+14	+1	+25	+5	+13	+7	+47	−8	−27	0	−1.29
26117		05 34 09.74	−01 54 06.7	7.06		H	83.540 584 26	−01.901 867 51		3.78	1.17	5.95	0.73	0.46	0.90	0.80	0.49	+16	+37	+2	+9	−19	−10	−23	+25	−23	+22	0	1.77
26118		05 34 12.63	+34 38 00.4	8.36		H	83.552 642 86	+34.633 440 64		2.44	−2.51	−3.64	1.03	0.75	1.11	1.35	0.84	+36	+7	−15	+25	+20	−11	+20	+51	−5	+33	0	1.54
26119		05 34 13.75	−18 20 18.7	7.76		H	83.557 281 77	−18.338 538 19		3.01	−0.71	−1.33	0.51	0.59	0.92	0.69	0.70	+1	+20	−11	−2	−17	−16	−17	+9	−5	−3	0	0.17
26120		05 34 14.91	−02 52 54.0	6.69		H	83.562 111 60	−02.881 660 59		2.54	1.82	−2.00	0.67	0.42	0.80	0.74	0.45	+22	+39	+0	+13	−6	−4	−12	+21	−23	+20	3	0.99
26121		05 34 15.76	+52 13 25.5	8.68		G	83.565 686 51	+52.223 738 32		8.48	−5.96	−35.86	1.15	0.64	1.24	1.34	0.61	+2	+28	−4	+6	−23	+4	−18	−19	+12	−18	0	1.39
26122		05 34 15.82	−18 48 43.2	6.72		H	83.565 909 77	−18.811 998 93		4.88	−4.31	−6.90	0.48	0.53	0.82	0.72	0.68	−6	+16	−22	−1	−10	+6	−8	+2	−6	−6	0	0.10
26123	H	05 34 15.92	−36 26 01.2	9.42	2	H	83.566 328 24	−36.433 660 61	*	0.69	−0.36	9.93	0.82	0.94	1.04	0.98	1.09	−21	+14	−7	−9	+6	−1	+6	−27	+20	−37	0	−0.44
26124	H	05 34 16.40	+56 16 17.1	7.52		H	83.568 333 68	+56.271 407 92	A	4.99	3.66	6.02	1.02	0.90	1.14	1.08	0.76	+36	+13	−1	−25	−14	−9	−17	−49	+14	+33	0	0.10
26125		05 34 16.59	−21 21 09.3	11.95		G	83.569 105 42	−21.352 576 24		8.85	98.79	126.00	2.22	2.31	3.69	3.48	3.18	+0	+15	−5	−33	−17	+32	−18	−32	−30	+4	0	2.07
26126		05 34 16.79	+03 46 01.0	5.32		H	83.569 958 70	+03.766 933 55		9.45	−29.35	−15.82	0.68	0.38	0.74	0.77	0.38	+0	+37	+2	+21	−11	−9	−16	+48	−21	+5	0	1.23
26127		05 34 16.94	−24 20 19.8	9.62	1	H	83.570 569 40	−24.338 841 43		4.14	5.10	7.23	0.63	1.03	1.46	0.73	1.44	−2	+5	−16	−15	−3	+4	−4	+6	−22	−3	1	1.46
26128		05 34 17.01	+41 07 24.3	6.87	2	H	83.570 875 11	+41.123 425 30		−1.04	0.71	−3.21	0.80	0.59	0.86	0.95	0.64	+22	+27	−12	+23	+27	+6	+23	+36	+0	+41	0	−0.49
26129		05 34 17.61	+11 59 19.9	9.10		H	83.573 364 15	+11.988 862 08		14.13	−21.72	15.16	1.36	0.72	1.47	1.68	0.78	+14	+49	+2	+2	+1	−8	−3	+34	−11	+14	0	0.21
26130		05 34 17.61	−02 23 07.3	8.20		H	83.573 372 54	−02.385 367 02		0.09	0.61	1.00	0.84	0.56	1.05	0.94	0.58	+10	+29	+0	+17	−17	−14	−19	+24	−20	+13	2	−0.84
26131		05 34 18.14	−32 30 00.6	9.85		G	83.575 587 94	−32.500 163 97		2.09	−1.60	1.19	6.84	8.28	9.68	7.07	9.54	−6	+16	−7	−18	−4	+7	−6	−26	−9	−7	0	
26132		05 34 19.82	+04 49 30.3	8.53		G	83.582 596 60	+04.825 076 94		4.55	−0.64	1.11	1.05	0.48	1.22	1.37	0.47	+13	+16	−15	−27	−33	+29	−27	+29	−25	+6	0	0.27
26133		05 34 21.49	−11 45 55.6	9.34		G	83.589 520 96	−11.765 449 28		4.05	−8.44	−9.54	1.18	0.94	1.49	1.28	1.07	+1	+25	−4	−9	−27	−12	−32	−6	−18	−11	0	0.39
26134		05 34 21.50	+27 19 49.8	8.10		H	83.589 572 96	+27.330 496 14		8.63	−42.51	−20.41	1.12	0.65	1.23	1.23	0.67	+5	+50	−22	+27	+28	+5	+14	+58	−17	+18	0	0.33
26135		05 34 22.47	−67 01 23.6	9.86	2	H	83.593 604 67	−67.023 214 86		0.11	3.13	−1.00	0.89	1.02	0.97	1.01	1.28	−16	+23	−4	−7	+5	−5	+0	−22	−3	−37	0	−0.83
26136	H	05 34 23.71	+05 25 11.2	8.26		H	83.598 772 25	+05.419 764 11	A	3.75	1.30	−3.67	1.55	0.78	1.59	1.65	0.73	+1	+35	+4	−21	−16	+8	−27	+17	−26	+4	3	−0.97
26137		05 34 24.07	−04 48 15.7	6.80	1	H	83.600 308 18	−04.804 357 41		5.62	13.49	7.92	0.66	0.45	0.84	0.72	0.47	+11	+27	−8	−3	−25	+20	−24	+5	−16	−2	0	−1.14
26138		05 34 24.58	+03 33 41.0	8.71		H	83.602 419 46	+03.561 399 49		2.36	2.75	−7.10	0.96	0.48	1.07	1.04	0.47	−4	+41	+7	+5	−26	−14	−29	+36	−22	−1	0	−0.04
26139		05 34 24.59	−07 23 22.0	9.30		G	83.602 467 82	−07.389 433 65		0.77	2.06	−0.15	1.08	0.82	1.40	1.06	0.86	+4	+31	−18	−4	−32	−5	−36	−2	−16	+2	2	0.22
26140		05 34 24.73	−52 37 44.6	7.00		H	83.603 043 77	−52.629 047 51		5.88	18.87	32.08	0.49	0.51	0.54	0.49	0.57	−3	+10	+3	+6	−8	+3	−8	+13	+5	−7	0	−0.66
26141		05 34 25.13	−42 45 56.6	8.54		H	83.604 728 43	−42.765 734 03		11.71	30.89	78.75	0.64	0.74	0.81	0.68	0.89	+4	+11	−27	−25	+1	+5	+6	−8	+19	+7	0	−0.49
26142		05 34 25.75	+43 24 57.5	8.95		H	83.607 292 67	+43.415 973 15		3.03	−1.35	0.54	1.31	1.04	1.32	1.82	1.20	−32	+17	+2	+34	−14	+16	−17	+62	−2	−35	0	0.07
26143		05 34 25.97	+01 21 37.0	8.62		G	83.608 190 98	+01.360 289 61		3.29	2.09	−3.09	1.06	0.57	1.23	1.49	0.56	+15	+7	−30	−39	−40	+28	−34	+9	−15	+22	0	−0.80
26144		05 34 26.12	−60 06 15.4	8.38		H	83.608 820 34	−60.104 266 87		12.48	24.94	31.11	0.61	0.69	0.67	0.68	0.91	−14	−4	+5	+18	−7	−3	−7	+19	−7	−9	0	2.13
26145		05 34 26.56	−43 52 49.1	9.25		H	83.610 685 48	−43.880 313 86		5.96	−3.44	−13.35	0.68	0.81	0.87	0.72	1.02	−1	−3	−11	−13	+1	−17	+0	+7	−8	−1	0	1.20
26146		05 34 27.37	−35 51 16.6	8.18		G	83.614 033 72	−35.854 599 42		8.35	−6.81	−26.43	0.55	0.63	0.73	0.63	0.72	−3	+7	−9	+12	−15	+22	−17	−25	−3	−14	1	2.00
26147		05 34 28.38	+57 51 34.0	8.29		H	83.618 266 06	+57.859 433 85		4.59	4.57	−19.40	0.80	0.66	1.12	0.94	0.64	+26	+4	−27	−11	+4	−3	+2	−19	+13	+34	0	2.89
26148		05 34 28.75	−10 30 03.5	7.29		H	83.619 805 76	−10.500 984 54		2.45	−1.44	−0.43	1.32	1.09	1.77	1.39	1.14	+11	+23	−16	−1	−29	−7	−34	−14	−21	+6	0	
26149		05 34 29.29	−00 00 44.4	6.25		H	83.622 035 74	−00.012 336 96		2.65	−4.53	−3.24	0.73	0.41	0.86	0.81	0.42	+19	+37	+2	−7	−35	−1	−35	+21	−26	+19	3	0.06
26150		05 34 29.57	−08 12 26.0	7.78		H	83.623 226 62	−08.207 219 98		4.35	−0.06	−21.41	0.69	0.56	0.98	0.71	0.58	−1	+34	−30	−4	−19	−2	−27	−4	−25	+7	0	1.04
26151	H	05 34 30.85	+14 00 11.9	8.59		H	83.628 543 15	+14.003 316 68	A	1.77	−1.89	−8.21	2.00	1.22	2.04	2.31	1.32	+13	+47	−45	−9	+28	−31	+0	+35	−27	+59	1	0.36
26152		05 34 31.81	−25 32 50.0	9.14		H	83.632 544 78	−25.547 233 91		3.64	−6.92	−4.78	0.69	1.02	1.34	0.84	1.21	−17	+6	+5	+10	−5	+3	−5	−6	+19	−23	0	0.05
26153		05 34 31.87	−28 20 22.8	9.46		H	83.632 771 01	−28.339 662 56		2.07	3.02	5.98	0.86	1.31	1.52	1.22	1.70	−17	+7	−4	−10	+3	+33	+9	−38	−18	−3	0	0.25
26154		05 34 33.72	−00 23 11.5	8.59		H	83.640 507 44	−00.386 527 59		0.84	−1.14	0.73	1.05	0.59	1.33	1.15	0.61	+16	+42	+9	+2	−30	+4	−35	+21	−31	+13	2	1.76
26155	H	05 34 34.27	+51 55 13.6	8.72		H	83.642 778 69	+51.920 455 67	A	2.08	−3.82	−9.50	2.01	1.15	2.02	2.01	1.00	+9	+44	+7	+29	−18	+20	−24	−13	−7	−21	2	0.18
26156		05 34 34.34	−01 44 37.3	8.28		G	83.643 099 59	−01.743 691 91		2.57	−7.09	−6.87	0.95	0.62	1.23	1.09	0.66	+16	+33	−3	+8	−29	−7	−31	+21	−30	+23	0	0.63
26157		05 34 35.20	+17 08 26.0	9.01		H	83.646 676 11	+17.140 543 97		9.49	−39.41	−72.02	1.23	0.83	1.33	1.65	0.89	+25	+23	−25	+27	+43	−26	+28	+42	−21	+32	4	1.86
26158		05 34 35.44	−34 28 37.7	8.72		H	83.647 668 31	−34.477 134 96		2.53	3.37	15.72	0.66	0.76	0.90	0.69	0.96	−11	+26	−16	−2	+1	+9	+2	−15	−9	−1	0	−3.22
26159		05 34 36.58	+21 37 20.3	8.73		H	83.652 429 73	+21.622 298 32		11.13	15.65	−14.71	1.30	0.65	1.39	1.38	0.61	+17	+52	−8	+7	+37	−21	+22	+51	−7	+31	6	2.26
26160		05 34 37.11	+81 41 54.7	8.69		H	83.654 609 28	+81.698 531 29		19.89	97.22	−167.57	0.73	0.81	0.96	0.79	1.05	+12	+34	+1	+13	+4	+13	+11	+38	+26	+20	0	−1.27
26161		05 34 38.42	+06 07 37.0	7.73		H	83.660 071 71	+06.126 948 83		10.43	8.78	−32.61	0.92	0.39	1.05	0.89	0.37	+1	+35	+4	−28	−21	+4	−28	+12	−22	+6	0	−0.26
26162		05 34 39.10	+28 03 03.8	8.15	2	H	83.662 917 28	+28.051 055 83		−0.52	−0.06	−3.37	1.00	0.61	1.10	1.03	0.63	+14	+46	−2	+12	+29	+18	+19	+42	−4	+29	0	0.49
26163		05 34 39.85	+07 33 48.7	9.77		H	83.666 034 64	+07.563 514 19		3.90	6.89	−1.30	1.62	0.61	1.89	1.50	0.60	+0	+54	+0	−28	−25	−3	−34	+7	−35	−2	2	−0.25
26164		05 34 40.44	−48 56 51.1	7.30		G	83.668 479 84	−48.947 539 34	A	6.88	−7.33	−23.61	0.66	0.68	0.66	0.71	0.75	−17	+19	−8	−13	−1	+13	−5	−31	+2	−25	0	0.19
26165		05 34 42.58	−55 15 21.7	8.68		H	83.677 417 92	−55.256 035 62		2.41	2.17	7.91	0.73	0.74	0.77	0.83	0.86	−6	+2	−7	+16	−5	+0	−6	−6	+0	−13	0	1.00
26166		05 34 43.36	+05 39 39.1	6.71		H	83.680 661 44	+05.660 866 34		1.12	−0.96	6.34	0.81	0.38	0.92	0.80	0.37	+2	+37	−6	−23	−16	+8	−25	+21	−19	+15	0	1.32
26167		05 34 43.88	−69 28 18.7	8.88		H	83.682 847 88	−69.471 853 92		2.54	0.98	−1.99	0.86	0.82	0.94	1.11	1.12	−16	−16	+8	−18	+13	+25	+15	−22	−34	−38	2	−2.01
26168		05 34 44.62	−11 47 54.7	8.18		H	83.685 927 49	−11.798 531 68		5.20	−7.50	−0.28	0.95	0.81	1.19	0.98	0.84	−2	+25	−16	+8	−37	+8	−37	−8	+1	−17	4	0.05
26169		05 34 44.78	−73 44 28.9	5.79	2	H	83.686 593 42	−73.741 366 84		3.12	0.06	37.09	0.47	0.39	0.49	0.47	0.52	−6	+16	+6	−29	−3	+11	−8	−11	−9	−1	0	0.42
26170		05 34 45.71	+06 33 13.7	7.74		H	83.690 454 61	+06.553 794 91		4.82	−2.02	−3.33	1.05	0.40	1.14	1.10	0.38	+7	+21	+6	−46	−25	+23	−28	−2	−24	−1	0	−0.66
26171		05 34 46.27	+53 41 28.2	9.35		H	83.692 779 89	+53.691 169 51		−0.65	−2.51	10.71	1.02	0.72	1.37	1.35	0.79	+10	+6	+2	−10	−11	+1	−7	−16	+29	−4	0	−0.82
26172		05 34 46.46	−78 47 57.1	9.15		H	83.693 585 02	−78.799 189 96		−0.77	0.21	7.43	0.77	0.75	0.80	0.82	0.89	−8	+15	+1	−25	−10	−3	−2	+17	+13	−24	0	1.07
26173	H	05 34 48.00	−07 12 01.3	6.69		H	83.700 019 96	−07.200 369 55	A	1.36	3.55	−7.06	0.98	0.61	0.92	0.78	0.60	+8	+30	−15	−18	−38	−2	−35	−15	−18	+0	2	0.16
26174		05 34 48.20	−00 57 13.4	6.98		H	83.700 823 09	−00.953 727 10		4.54	−11.92	37.21	0.82	0.49	1.05	0.97	0.53	+6	+38	−15	+14	−36	+20	−37	+29	−32	+11	0	0.15
26175		05 34 48.42	−23 28 04.5	8.80		G	83.701 741 86	−23.467 930 27		37.07	318.05	−433.24	0.48	0.88	1.25	0.57	1.13	+6	+14	+0	+4	−4	+11	−10	−25	−19	−7	3	0.87
26176		05 34 49.24	+09 29 22.5	4.39		H	83.705 157 64	+09.489 585 28		3.31	−1.24	−2.49	0.74	0.46	0.77	0.86	0.47	+26	+33	−16	−3	−21	−11	−20	−1	−6	+31	2	−0.36
26177	H	05 34 51.08	+25 53 03.6	8.21		H	83.712 850 62	+25.884 338 94	A	2.15	−0.66	−3.25	3.60	1.47	2.10	2.45	1.25	−4	+15	−10	+8	+45	+8	+15	+47	−27	+29	0	0.57
26178		05 34 51.19	−71 44 46.5	8.36		H	83.713 304 86	−71.746 248 97		5.30	4.60	17.13	0.62	0.68	0.69	0.64	0.78	−13	+10	+10	−6	+2	+16	+0	+0	−20	−26	0	0.21
26179		05 34 51.34	−09 54 40.5	8.51		H	83.713 909 36	−09.911 249 74		6.09	21.14	−19.84	0.73	0.68	1.02	0.82	0.75	+11	+16	−22	+12	−23	−13	−27	−6	−11	+20	0	−0.24
26180		05 34 53.11	+65 06 53.7	8.61		H	83.721 272 76	+65.114 906 47		3.03	8.61	−23.29	0.69	0.67	1.06	0.78	0.72	+6	+25	−9	−12	+11	−24	+11	−8	+11	+9	0	−0.55
26181		05 34 53.66	−68 46 39.5	9.99		H	83.723 585 15	−68.777 640 41		−0.08	12.65	−13.74	1.16	1.19	1.19	1.41	1.73	−3	+15	−2	−30	+8	+6	+8	−27	−14	−22	0	0.07
26182		05 34 53.97	−04 06 37.5	6.74	1	G	83.724 864 79	−04.110 417 14		2.88	−5.56	−0.32	0.68	0.45	0.90	0.77	0.48	+18	+27	−4	−11	−17	+17	−20	+2	−21	+13	0	−0.39
26183		05 34 54.48	+18 07 21.7	9.15		H	83.726 994 46	+18.122 691 08		8.90	26.80	−24.57	1.27	0.73	1.35	1.93	0.81	−6	+25	−8	+5	+27	+12	+18	+18	−6	+0	5	0.95
*26184		05 34 55.57	+49 03 48.6	7.76		H	83.731 529 99	+49.063 498 58		10.01	−24.47	−71.19	1.03	0.72	1.10	1.12	0.81	+12	+51	−1	+34	−1	+5	+1	+56	−1	+9	0	−2.25
*26185		05 34 55.49	−31 41 40.1	7.38		G	83.731 220 42	−31.694 482 38		3.35	−8.75	−0.34	0.47	0.54	0.67	0.55	0.64	−19	+25	−19	−4	−2	+6	+0	−19	+5	−18	2	2.34
26186		05 34 55.62	+65 02 55.1	7.30		H	83.731 730 46	+65.048 629 17		5.93	4.06	−34.56	0.59	0.54	0.86	0.65	0.57	+5	+27	−14	−6	+12	−17	+12	−3	+8	+8	0	1.04
26187		05 34 55.99	+22 34 07.1	8.51		G	83.733 311 01	+22.568 640 19		3.44	−11.57	−17.28	1.36	0.68	1.42	1.23	0.64	+17	+54	−6	+22	+40	−3	+26	+63	−4	+34	0	−0.67
26188		05 34 56.49	−00 07 22.3	7.14		G	83.735 382 01	−00.122 849 78	A	2.61	−1.81	−4.11	1.18	0.69	1.29	1.24	0.67	+16	+40	+8	−19	−30	+2	−32	+8	−23	+12	4	0.37
26189		05 34 56.61	−56 00 02.8	9.40		H	83.735 859 60	−56.000 783 04		5.13	2.93	−55.39	0.70	0.82	0.79	0.76	0.95	−5	+3	−15	+6	−7	−6	−10	−17	+4	−13	0	1.18
26190		05 34 57.44	−61 10 33.5	6.32		G	83.739 340 29	−61.175 983 19		9.37	−7.48	−26.73	0.50	0.48	0.51	0.54	0.61	−10	+3	+3	+2	−13	+11	−16	+0	−13	−16	0	−0.56
26191		05 34 57.69	−21 04 03.7	7.34		H	83.740 391 28	−21.067 682 10		2.91	1.37	3.74	0.61	0.65	0.89	0.87	0.82	−2	+25	−36	−21	−12	+14	−5	−25	+7	+20	0	0.88
26192		05 34 58.49	+26 58 20.8	7.58		H	83.743 705 50	+26.972 452 09		11.65	25.54	−99.40	1.01	0.73	1.06	1.22	0.75	+31	+23	−27	+35	+56	−7	+40	+73	−29	+47	0	−1.25
26193		05 34 59.37	−40 36 08.9	9.20		H	83.747 390 55	−40.602 467 62		1.72	1.75	11.49	0.74	0.90	0.96	0.75	1.16	−12	+27	−5	+15	−12	+8	−15	+14	−5	−7	3	−0.71
26194		05 34 59.72	−80 51 08.6	8.28		H	83.748 852 04	−80.852 402 59		5.35	1.63	−49.99	0.58	0.56	0.61	0.67	0.72	−11	+18	−9	+5	+0	−13	+1	+21	−1	−26	0	−1.13
26195		05 34 59.75	+59 31 26.4	7.69		H	83.748 959 43	+59.523 995 04		6.51	−3.83	−24.91	0.66	0.54	0.83	0.74	0.53	+8	+6	−16	−13	+22	+0	+19	−10	−4	+15	0	1.81
26196		05 35 00.71	+28 05 57.0	10.08		G	83.752 949 48	+28.099 172 15		27.05	214.12	−271.15	1.60	1.02	1.74	1.71	1.02	+20	+32	+5	+13	+44	+17	+29	+48	−11	+36	2	−0.33
26197	H	05 35 01.01	−06 00 33.4	5.67		G	83.754 192 79	−06.009 269 27	A	0.55	1.02	−0.27	1.08	0.75	1.11	1.01	0.71	+12	+39	−22	−6	−33	+12	−33	+6	−22	+12	8	0.67
26198		05 35 02.12	−35 28 26.2	8.29		H	83.758 850 80	−35.473 949 66		5.12	7.27	4.37	0.62	0.69	0.82	0.71	0.85	−1	−5	−20	+15	−19	+29	−22	−27	+18	−9	0	0.18
26199		05 35 02.68	−06 00 07.3	4.78		G	83.761 171 63	−06.002 028 67		1.75	0.59	0.68	0.60	0.40	0.75	0.65	0.45	+8	+38	−5	−4	−22	+10	−26	+10	−22	+3	0	1.97
26200		05 35 02.75	−58 52 16.3	6.69		H	83.761 456 61	−58.871 192 66		1.65	−10.45	19.91	0.57	0.54	0.58	0.73	0.74	−6	−7	+4	−13	−6	+8	−5	+6	+0	−19	1	0.09

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No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
26101	9.919	0.051	8.652	0.030		1.079	0.046	T	1.04	0.04	L	8.6513	0.0020	0.011	65		8.64	8.67		C			1							
26102	10.254	0.034	10.007	0.043		0.196	0.015	G	0.21	0.02	H	10.0831	0.0033	0.022	64		10.05	10.12		C			1							G
26103	7.410	0.006	7.314	0.006		0.094	0.008	T	0.11	0.01	L	7.3409	0.0011	0.010	147		7.32	7.36		C			1							S
26104	7.886	0.009	6.572	0.005		1.116	0.008	T	1.08	0.01	L	6.6169	0.0010	0.008	99		6.61	6.64		C			1							S
26105	9.842	0.029	7.984	0.012	*	1.246	0.243	G	1.62	0.08	S *	7.8822	0.0025	0.018	67	*	7.84	7.90		R	05341+4611	H 1	2 C S B	AB	177	0.115	0.010	0.68	0.77	
26106	6.015	0.004	6.206	0.005		−0.160	0.015	G	−0.18	0.03	C	6.1794	0.0009	0.009	109		6.17	6.19			05341−0102	I 1	1							S
26107	7.996	0.007	7.864	0.009		0.127	0.011	T	0.14	0.01	L	7.8783	0.0015	0.012	116		7.86	7.90		C			1							
26108	7.937	0.009	6.091	0.004		1.535	0.008	T	1.58	0.02	L	6.0339	0.0009	0.008	102		6.02	6.05					1							S
26109	8.390	0.007	7.903	0.006	A	0.458	0.008	T	0.53	0.01	L	7.9552	0.0049	0.026	251	A	7.92	8.00		D	05341+6940	I 2	1 C P A							S
26110	9.195	0.017	8.786	0.017		0.382	0.015	G	0.45	0.02	H	8.8566	0.0021	0.018	77		8.83	8.88		C			1							
26111	11.646	0.073	10.416	0.038	B	1.050	0.064	T	1.02	0.05	L	10.5717	0.0497			B				D	05341+6940	I 2	1 C I A							
26112	8.576	0.010	8.501	0.012		0.074	0.015	T	0.09	0.02	L	8.5381	0.0023	0.017	96		8.51	8.56		C			1							
26113						1.499	0.020	G	2.06	0.15	I	11.1365	0.0043	0.037	101		11.06	11.22					1							G
26114	10.701	0.034	8.626	0.012		1.717	0.029	T	1.74	0.03	L	8.5284	0.0023	0.015	124		8.51	8.55		R			1							
26115	7.812	0.006	7.752	0.009		0.060	0.010	T	0.07	0.01	L	7.7625	0.0011	0.014	139		7.74	7.79					1							S
26116	7.248	0.011	7.212	0.008		0.038	0.013	T	0.05	0.01	L	7.2292	0.0011	0.007	55		7.21	7.25					1							S
26117	7.274	0.006	7.080	0.005		0.174	0.003	G	0.19	0.00	H	7.1164	0.0010	0.008	104		7.10	7.13		C			1							S
26118	8.466	0.012	8.365	0.015		0.098	0.018	T	0.11	0.02	L	8.4029	0.0020	0.013	63		8.39	8.43		C	05342+3438	I 1	1 S							
26119	7.776	0.006	7.756	0.007		0.019	0.008	T	0.04	0.01	L	7.7699	0.0011	0.013	160		7.75	7.79					1							S
26120	6.474	0.004	6.655	0.005		−0.158	0.006	T	−0.16	0.01	L	6.6322	0.0010	0.008	89		6.62	6.64					1							S
26121	9.228	0.017	8.718	0.016		0.430	0.015	G	0.50	0.02	H	8.7788	0.0017	0.019	108		8.75	8.82					1							
26122	8.793	0.011	6.896	0.005		1.609	0.010	T	1.78	0.04	O	6.8139	0.0015	0.014	139		6.79	6.84					1							S
26123	11.850	0.098	9.736	0.025	*	1.235	0.218	G	1.19	0.21	R *	9.5827	0.0047	0.048	125	*	9.52	9.65		U 2	05343−3626	H 1	2 C S C	AB	280	0.142	0.024	0.84	0.72	
26124	7.646	0.005	7.558	0.006	*	0.086	0.007	T	0.10	0.01	L *	7.5579	0.0011	0.012	165	*	7.54	7.58		D	05343+5616	H 1	2 C A	AB	327	0.567	0.006	2.37	0.03	S
26125						1.206	0.010	G	1.35	0.02	I	12.0895	0.0072	0.071	100		11.97	12.24					1							D
26126	5.404	0.002	5.338	0.003		0.051	0.005	G	0.09	0.03	C	5.3527	0.0004	0.004	131		5.35	5.36			05343+0346	I 1	1							S
26127	9.895	0.018	9.645	0.020		0.238	0.025	T	0.27	0.03	L	9.6896	0.0026	0.030	195		9.64	9.76		U			1							
26128	9.415	0.030	7.148	0.011		1.871	0.026	T	1.90	0.03	L	6.9561	0.0108	0.055	64		6.88	7.04	410.00	P 1 A			1							S
26129	9.880	0.030	9.161	0.026		0.661	0.032	T	0.72	0.03	L	9.2344	0.0017	0.017	67		9.21	9.28		D			1							
26130	8.202	0.009	8.201	0.011		0.002	0.012	T	0.02	0.01	L	8.2128	0.0015	0.012	97		8.19	8.24		C			1							S
26131	11.075	0.053	9.905	0.030		1.014	0.015	G	1.06	0.02	I	10.0135	0.0026	0.026	130		9.97	10.07					1 X S							G
26132	8.427	0.009	8.502	0.012		−0.058	0.008	G	−0.04	0.01	H	8.5143	0.0014	0.014	124		8.49	8.54		C			1							
26133	9.591	0.023	9.338	0.026		0.216	0.015	G	0.24	0.02	H	9.4005	0.0029	0.020	75		9.36	9.44		C			1							
26134	8.537	0.014	8.145	0.014		0.400	0.003	G	0.47	0.00	H	8.1903	0.0010	0.010	76		8.18	8.21		C			1							
26135	9.886	0.026	9.862	0.036		0.080	0.028	G	0.09	0.03	H	9.8932	0.0053	0.038	88		9.82	9.96		U 2			1							D
26136	8.377	0.008	8.315	0.009	A	0.059	0.140	G	0.06	0.01	L *	8.2862	0.0015	0.013	125	*	8.27	8.31		D	05344+0525	H 1	2 C A	AB	3	7.892	0.016	3.20	0.10	S
26137	7.043	0.008	6.836	0.009		0.198	0.011	T	0.22	0.01	L	6.8686	0.0013	0.011	94		6.85	6.90		M			1							S
26138	8.839	0.016	8.735	0.019		0.101	0.023	T	0.11	0.03	L	8.7471	0.0014	0.014	135		8.72	8.77		C			1							
26139	9.291	0.016	9.325	0.021		−0.012	0.010	G	0.01	0.01	H	9.3157	0.0016	0.021	112		9.29	9.35					1							
26140	8.564	0.012	7.133	0.007		1.208	0.011	T	1.17	0.01	L	7.1625	0.0010	0.008	118		7.15	7.17		C			1							S
26141	9.243	0.015	8.602	0.013		0.589	0.015	T	0.66	0.01	L	8.6647	0.0018	0.018	114		8.64	8.70					1							
26142	9.836	0.029	8.994	0.023		0.756	0.028	T	0.80	0.02	L	9.0992	0.0026	0.020	68		9.07	9.16		C			1							
26143	8.631	0.013	8.653	0.017		−0.009	0.009	G	0.01	0.01	H	8.6362	0.0018	0.017	100		8.62	8.66		C			1							
26144	8.980	0.012	8.443	0.011		0.521	0.009	G	0.59	0.01	H	8.4942	0.0018	0.016	118		8.47	8.52					1							S
26145	9.777	0.019	9.308	0.018		0.455	0.020	T	0.52	0.02	L	9.3528	0.0016	0.020	123		9.31	9.40		C			1							
26146	8.506	0.009	8.227	0.009		0.263	0.013	T	0.30	0.02	L	8.2565	0.0015	0.014	130		8.24	8.28		C			1							S
26147	8.505	0.010	8.317	0.012		0.180	0.015	T	0.20	0.02	L	8.3469	0.0021	0.017	113		8.32	8.38					1							S
26148	9.261	0.017	7.445	0.008		1.511	0.015	T	1.54	0.02	L	7.4099	0.0016	0.012	85		7.39	7.43		C			1 X							S
26149	7.516	0.007	6.355	0.004		0.997	0.006	T	0.98	0.01	L	6.4194	0.0006	0.006	112		6.41	6.43		D			1							S
26150	8.252	0.010	7.814	0.010		0.413	0.013	T	0.48	0.01	L	7.8792	0.0014	0.011	91		7.86	7.89		C			1							
26151	10.640	0.136	10.519	0.218	B	−0.100	0.495	G	0.14	0.07	B *	8.6382	0.0025	0.018	56	*	8.61	8.72		R	05345+1400	I 1	2 C A	AB	51	5.134	0.019	2.25	0.04	
26152	10.395	0.026	9.216	0.016		1.011	0.024	T	0.99	0.02	L	9.3057	0.0020	0.029	160		9.27	9.36		C			1 S							
26153	10.893	0.044	9.553	0.021		1.136	0.038	T	1.10	0.04	L	9.6324	0.0031	0.031	125		9.57	9.69					1							
26154	8.598	0.011	8.585	0.013		0.017	0.016	T	0.04	0.01	L	8.5999	0.0019	0.014	107		8.57	8.62					1							
26155	8.846	0.019	8.654	0.025	*	0.184	0.029	T	0.20	0.03	L *	8.7839	0.0026	0.021	106	*	8.75	8.82		D	05346+5155	I 1	2 C A	AB	105	4.531	0.014	2.05	0.06	S
26156	8.613	0.012	8.312	0.013		0.269	0.006	G	0.30	0.01	H	8.3453	0.0013	0.014	98		8.32	8.37					1							
26157	9.922	0.034	9.087	0.026		0.751	0.032	T	0.79	0.02	L	9.1546	0.0030	0.020	73		9.13	9.19					1							
26158	9.856	0.019	8.815	0.014		0.905	0.018	T	0.91	0.01	L	8.8797	0.0016	0.019	136		8.85	8.92					1							
26159	9.335	0.018	8.812	0.017		0.491	0.022	T	0.56	0.02	L	8.8395	0.0020	0.014	90		8.82	8.87		C			1 S							
26160	9.394	0.015	8.756	0.013		0.593	0.017	T	0.66	0.02	L	8.8199	0.0016	0.023	125		8.79	8.86					1							
26161	8.025	0.006	7.761	0.007		0.251	0.009	T	0.28	0.01	L	7.8030	0.0012	0.010	136		7.79	7.82					1							S
26162	8.431	0.012	8.186	0.013		0.233	0.017	T	0.26	0.02	L	8.2230	0.0048	0.031	77		8.17	8.26		U 2			1							
26163	10.163	0.024	9.852	0.029		0.295	0.035	T	0.34	0.05	L	9.8479	0.0024	0.021	133		9.82	9.89		C			1							G
26164	7.567	0.006	7.322	0.006	A	0.206	0.003	G	0.23	0.00	H	7.3688	0.0045	0.010	115	A	7.35	7.39		C	05347−4857	H 1	2 C A	AB	280	13.549	0.025	3.64	0.13	S
26165	10.755	0.049	8.852	0.017		1.614	0.043	T	1.66	0.12	O	8.7863	0.0020	0.016	84		8.76	8.82		C			1							
26166	6.515	0.003	6.697	0.005		−0.137	0.006	G	−0.13	0.01	H	6.6676	0.0006	0.007	120		6.66	6.68		C			1							S
26167	8.956	0.014	8.909	0.018		0.056	0.005	G	0.07	0.00	H	8.9069	0.0019	0.020	87		8.87	8.93					1							
26168	8.283	0.010	8.187	0.011		0.094	0.014	T	0.11	0.01	L	8.2154	0.0019	0.012	78		8.19	8.24		C			1							S
26169	8.014	0.012	6.029	0.008		1.717	0.016	G	2.56	0.03	C	5.7968	0.0089	0.058	95		5.70	5.88		U 2			1 S							S
26170	9.217	0.012	7.860	0.007		1.150	0.011	T	1.11	0.01	L	7.9027	0.0013	0.011	145		7.88	7.92					1							
26171	11.199	0.057	9.498	0.022		1.420	0.048	T	1.40	0.08	L	9.4970	0.0025	0.024	121		9.46	9.54					1							
26172	10.248	0.027	9.252	0.019		0.871	0.025	T	0.88	0.02	L	9.3105	0.0025	0.024	122		9.28	9.35					1							
26173	8.194	0.010	6.821	0.006	*	1.162	0.009	T	1.12	0.01	L *	6.8599	0.0009	0.008	103	*	6.84	6.87		D	05348−0712	H 1	2 C A	AB	270	0.539	0.020	3.57	0.10	S
26174	8.405	0.013	7.125	0.007		1.115	0.004	G	1.08	0.00	K	7.1469	0.0013	0.008	104		7.13	7.16		C			1							S
26175	9.988	0.016	8.925	0.011		0.923	0.002	G	0.99	0.02	A	8.9415	0.0018	0.024	233		8.91	8.99					1							
26176	4.189	0.004	4.381	0.004		−0.157	0.014	G	−0.13	0.02	A	4.3451	0.0007	0.005	70		4.34	4.36		C			1							S
26177	10.738	0.067	8.493	0.019	*	1.644	0.243	G	1.71	0.29	K *	8.3138	0.0025	0.015	59	*	8.29	8.33			05349+2553	H 1	2 C A	AB	273	0.407	0.023	2.34	0.19	
26178	9.534	0.017	8.490	0.012		0.907	0.016	T	0.91	0.01	L	8.5202	0.0017	0.016	118		8.49	8.54		C			1							
26179	8.813	0.012	8.547	0.013		0.253	0.017	T	0.28	0.02	L	8.5829	0.0022	0.015	91		8.56	8.61		C			1							
26180	8.754	0.010	8.616	0.011		0.133	0.014	T	0.15	0.01	L	8.6613	0.0017	0.015	115		8.64	8.69					1							
26181	11.738	0.151	10.079	0.049		1.496	0.054	G	1.52	0.08	I	10.1207	0.0045	0.034	78		10.04	10.17					1							
26182	6.543	0.005	6.708	0.005		−0.139	0.005	G	−0.13	0.01	H	6.6802	0.0024	0.020	91		6.66	6.72	1.57	P 1 A			1							S
26183	9.774	0.029	9.184	0.027		0.551	0.035	T	0.62	0.03	L	9.2694	0.0028	0.020	69		9.23	9.30		C			1							
26184	8.347	0.011	7.818	0.011		0.496	0.014	T	0.57	0.01	L	7.8656	0.0014	0.009	66		7.85	7.88		C			1							S
26185	7.313	0.005	7.367	0.006		−0.051	0.002	G	−0.03	0.00	H	7.3751	0.0010	0.012	141		7.36	7.40					1							S
26186	7.419	0.005	7.312	0.006		0.109	0.004	G	0.12	0.00	H	7.3383	0.0013	0.011	114		7.32	7.35		C			1							S
26187	9.949	0.028	8.611	0.016		1.110	0.020	G	1.07	0.02	H	8.6743	0.0021	0.013	86		8.65	8.70		C			1							
26188	7.020	0.005	7.129	0.005	A	−0.083	0.003	G	−0.09	0.02	A	7.1374	0.0037	0.010	106	A	7.12	7.16			05349−0007	I 1	2 C A	AB	286	10.128	0.015	2.99	0.06	S
26189	9.870	0.021	9.413	0.021		0.444	0.023	T	0.51	0.02	L	9.4976	0.0022	0.022	104		9.46	9.53					1							
26190	7.364	0.006	6.412	0.004		0.845	0.003	G	0.88	0.04	E	6.4678	0.0013	0.010	95		6.45	6.49					1							S
26191	8.951	0.012	7.476	0.007		1.242	0.011	T	1.20	0.01	L	7.4996	0.0009	0.011	104		7.48	7.52		C			1							S
26192	8.212	0.013	7.626	0.010		0.549	0.012	T	0.62	0.01	L	7.6962	0.0012	0.009	82		7.68	7.72		C			1							S
26193	10.362	0.029	9.282	0.019		0.934	0.026	T	0.93	0.02	L	9.3651	0.0030	0.021	110		9.33	9.40					1							
26194	9.793	0.020	8.429	0.012		1.155	0.018	T	1.12	0.02	L	8.4449	0.0009	0.014	128		8.42	8.46		C			1							
26195	7.770	0.007	7.695	0.009		0.074	0.011	T	0.09	0.01	L	7.7256	0.0010	0.010	123		7.71	7.75		C			1							
26196	11.711	0.109	10.246	0.050		1.270	0.015	G	1.44	0.03	I	10.1836	0.0028	0.020	82		10.14	10.22		C			1							G
26197	5.369	0.005	5.606	0.005	*	−0.228	0.011	G	−0.22	0.03	C *	5.5912	0.0011	0.007	88	*	5.58	5.60		D	05350−0600	I 2	2 C B	AC	120	0.554	0.019	3.19	0.10	S
26198	8.802	0.011	8.341	0.011		0.448	0.012	T	0.52	0.01	L	8.3910	0.0012	0.014	125		8.37	8.42		C			1							S
26199	4.455	0.003	4.724	0.003		−0.248	0.006	G	−0.27	0.03	C	4.6889	0.0005	0.005	85		4.68	4.70		C	05350−0600	I 2	1 S							S
26200	8.664	0.012	6.862	0.006		1.504	0.015	G	1.53	0.04	E	6.8115	0.0014	0.010	91		6.79	6.83					1							S

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ 13	Standard Errors α* mas 14	δ 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
26201		05 35 03.57	+24 17 26.9	6.82		H	83.764 856 45	+24.290 798 72		6.42	6.59	−12.33	0.83	0.51	0.88	1.03	0.51	+22	+26	+ 0	+18	+32	+ 1	+24	+59	−12	+22	0	−0.79
26202		05 35 04.69	+15 38 20.6	7.52		H	83.769 529 12	+15.639 064 64		3.39	−9.29	−12.50	1.05	0.79	1.13	1.58	1.04	+22	+34	−21	−24	−19	+10	− 9	−52	+18	+44	3	1.62
26203		05 35 05.42	−15 08 31.2	9.55		H	83.772 600 95	−15.141 987 61		5.21	7.66	−8.78	1.18	1.18	1.68	1.09	1.22	− 6	+28	−28	+15	−34	− 8	−41	+ 9	+ 0	−11	0	0.91
26204		05 35 05.99	+13 24 47.1	8.14		H	83.774 938 20	+13.413 087 20		−0.11	−2.21	−5.13	0.95	0.69	1.06	1.31	0.86	+ 5	+34	−23	+ 1	+22	−24	+16	−14	+ 0	+16	3	0.92
26205		05 35 06.10	−60 53 30.2	8.42		H	83.775 412 78	−60.891 723 91		0.98	−1.34	21.30	0.68	0.72	0.72	0.76	0.91	−12	+12	− 1	+13	−15	+14	−18	+ 6	− 8	−18	0	0.34
26206	H	05 35 06.56	+30 55 44.5	8.12		G	83.777 326 45	+30.929 019 36	A	11.45	2.15	−23.24	2.89	2.15	1.84	2.19	1.47	− 7	+27	−23	+10	+25	+ 1	+11	+43	− 8	+40	1	−0.08
26207	H	05 35 08.28	+09 56 03.0	3.39		G	83.784 490 43	+09.934 162 94	A	3.09	−1.03	−1.86	0.79	0.54	0.78	0.97	0.53	+ 8	+28	−17	−12	−15	+ 3	−12	−25	+ 6	− 4	1	1.05
26208		05 35 08.91	+30 13 42.1	10.62		H	83.787 115 45	+30.228 350 35		6.67	28.62	−66.67	2.07	1.26	2.17	2.28	1.40	−22	+52	−20	+26	− 5	+ 3	− 5	+54	+ 1	−11	0	1.84
26209		05 35 09.18	−03 42 37.7	8.99		H	83.788 231 03	−03.710 474 88		5.05	3.85	−34.83	1.24	0.75	1.68	1.32	0.80	+17	+43	− 2	− 3	−28	+22	−33	− 2	−24	+16	0	1.03
26210		05 35 09.21	−00 16 10.6	7.50		H	83.788 356 44	−00.269 600 62		2.20	1.85	0.48	0.83	0.48	1.02	0.96	0.51	+23	+40	+10	− 6	−26	−11	−30	+21	−32	+27	2	0.78
26211		05 35 09.57	+05 27 44.0	8.31		H	83.789 864 11	+05.462 209 93		0.51	−0.28	1.49	1.01	0.49	1.16	1.14	0.48	− 1	+26	− 3	−19	−21	+ 5	−25	+21	−17	+ 9	0	−0.77
*26212		05 35 12.80	+09 36 47.8	6.72		H	83.803 315 50	+09.613 269 49		2.35	−0.36	−2.52	0.77	0.50	0.83	0.94	0.54	+20	+28	−15	− 5	− 9	− 5	−10	− 8	− 6	+17	2	1.02
*26213		05 35 12.79	−00 44 07.3	6.97		G	83.803 278 20	−00.735 358 11		2.49	0.34	1.72	0.71	0.45	0.91	0.87	0.47	+14	+26	− 3	+ 7	−35	+10	−33	+25	−26	+17	0	2.87
26214		05 35 13.02	+18 34 15.7	9.31		H	83.804 240 25	+18.571 021 16		4.32	−6.37	7.37	1.56	0.80	1.62	2.30	0.86	+ 2	+36	+ 4	−23	+27	− 2	+15	+15	− 5	+ 6	0	0.50
26215	H	05 35 13.24	+10 14 24.4	5.60		G	83.805 161 63	+10.240 102 04	A	2.23	1.45	−3.76	0.82	0.56	0.82	1.01	0.56	− 1	+27	−19	− 2	− 4	− 7	− 2	− 7	+12	− 6	2	0.14
26216	H	05 35 13.82	−02 22 52.3	8.35		G	83.807 584 41	−02.381 204 83	*	1.89	1.25	−0.47	0.83	0.54	1.00	0.96	0.57	+10	+23	− 2	+27	−11	−13	−13	+27	−19	+18	0	0.37
26217	H	05 35 14.04	−46 56 43.3	8.66		H	83.808 510 28	−46.945 372 39	A	11.46	52.76	0.46	1.34	1.31	1.12	1.21	1.31	+ 0	+22	−15	− 4	− 1	+ 1	− 1	−18	− 5	− 8	1	0.95
26218		05 35 14.20	−69 40 47.3	13.26		H	83.809 157 22	−69.679 801 72	B	17.78	19.26	−34.09	90.80	92.84	55.37	77.11	78.55	−22	− 9	− 1	−13	+ 3	+22	+ 1	−16	−25	−46	0	−1.12
26219		05 35 15.45	−33 04 48.0	5.76		G	83.814 394 88	−33.080 009 09		10.28	28.70	117.16	0.43	0.49	0.59	0.48	0.61	− 6	+19	− 5	+10	− 4	+25	−10	−31	−11	−17	0	1.72
26220	H	05 35 15.82	−05 23 14.3	4.98		H	83.815 928 96	−05.387 315 36	B	−1.85	−0.92	0.13	23.22	17.40	2.12	2.06	1.34	+ 7	− 4	−11	+11	−11	+26	− 8	+ 8	− 5	−10	6	8.75
26221		05 35 16.47	−05 23 22.9	5.13		G	83.818 608 63	−05.389 696 24	A	−1.85	−0.92	0.13	1.94	1.41	2.12	2.06	1.34	+ 1	+14	−21	− 4	−27	+26	−19	+ 1	− 5	−10	6	8.75
26222		05 35 16.63	−69 40 38.4	10.61		G	83.819 291 96	−69.677 345 37	A	−1.14	6.40	−1.71	3.37	3.53	2.90	3.89	4.10	−22	− 9	+11	−20	+11	+19	+ 8	−27	−28	−42	0	−1.12
26223		05 35 16.66	+08 42 02.7	7.21	2	H	83.819 430 83	+08.700 762 82		3.81	−3.63	−9.45	0.96	0.49	1.08	0.94	0.49	+ 9	+51	− 9	−28	−23	−16	−25	−29	−11	+16	0	0.58
26224		05 35 17.20	−05 23 15.7	6.71		G	83.821 660 16	−05.387 680 76	C	−1.85	−0.92	0.13	53.34	36.43	2.12	2.06	1.34	−11	+22	− 8	+ 9	−15	+26	−17	+14	− 5	−10	6	8.75
26225		05 35 17.23	+25 49 44.3	7.87		H	83.821 793 39	+25.828 985 06		3.80	−2.22	−10.92	1.09	0.74	1.26	1.35	0.73	+19	+19	−33	+ 5	+58	−11	+33	+69	−39	+44	0	0.68
26226		05 35 17.51	−08 16 52.3	9.15		H	83.822 938 97	−08.281 191 90		4.70	−5.63	−3.90	0.92	0.76	1.26	0.99	0.79	+ 5	+27	−29	− 8	−29	+ 7	−30	− 8	−13	+11	0	−0.01
26227		05 35 17.58	+29 16 17.6	10.37		G	83.823 245 18	+29.271 546 75		0.72	18.42	−59.34	1.74	1.14	1.90	1.85	1.18	+ 1	+42	−16	+ 9	+24	− 2	+18	+48	− 4	+11	0	0.60
26228		05 35 18.01	+33 14 27.9	11.00		H	83.825 023 10	+33.241 082 96		1.98	−8.94	−2.64	2.98	1.81	2.63	3.48	2.26	+39	+34	− 0	+53	+40	− 4	+49	+68	+ 4	+52	0	0.15
26229		05 35 19.01	+19 45 10.8	8.07		H	83.829 204 28	+19.752 992 35		6.12	10.19	−34.91	1.02	0.57	1.14	1.19	0.58	+ 1	+27	−20	− 2	+42	+12	+26	+39	−15	+32	0	0.65
26230		05 35 19.69	+43 14 21.7	7.31		H	83.832 055 56	+43.239 369 69		2.52	−7.33	−7.22	0.87	0.71	0.99	1.20	0.85	− 2	+15	−12	+33	+ 3	+11	+ 5	+52	−11	−23	0	−1.87
26231		05 35 20.42	+13 17 04.4	8.00		H	83.835 088 53	+13.284 550 44		13.34	48.14	−60.88	1.11	0.71	1.18	1.28	0.87	+12	+51	− 9	+19	+20	− 1	+18	− 1	+ 5	+17	0	1.22
26232		05 35 21.36	−37 32 41.0	9.16		H	83.838 992 78	−37.544 735 18		2.83	16.09	18.92	0.66	0.88	0.92	0.67	1.09	− 5	+ 8	−16	+13	− 3	+13	+ 2	−21	− 2	+ 5	0	0.16
26233	H	05 35 21.87	−04 29 39.0	6.57	1	H	83.841 106 14	−04.494 174 72	A	2.68	2.12	0.94	1.38	0.71	0.98	0.86	0.56	− 7	+18	+ 4	− 6	−12	+15	−13	+ 5	−23	− 4	7	−0.33
26234	H	05 35 22.32	−04 25 27.6	6.24		G	83.842 983 92	−04.424 323 72	A	2.89	−0.48	1.52	1.32	0.74	1.06	0.94	0.59	+ 2	+19	+ 9	− 4	−19	+19	−17	− 2	−24	− 6	6	0.93
26235	H	05 35 22.90	−05 24 57.8	4.98		H	83.845 415 91	−05.416 063 31	E	1.72	1.68	1.50	1.32	0.99	1.00	0.93	0.64	−17	+11	−25	− 1	− 5	+ 7	+ 0	+20	−11	+15	19	0.50
26236		05 35 23.12	+59 45 48.3	8.13		H	83.846 352 87	+59.763 405 07		5.14	−1.90	−2.04	0.79	0.62	0.95	0.90	0.63	+11	+13	−24	−17	+23	− 6	+20	− 8	+ 8	+21	0	1.65
26237		05 35 23.16	−04 50 18.0	4.58		G	83.846 506 94	−04.838 340 45		4.15	4.29	−7.15	1.26	0.92	1.59	1.44	0.97	+11	+13	− 7	−23	−22	+32	−19	−16	− 7	− 4	2	
26238		05 35 23.95	+06 45 53.2	8.47		H	83.849 772 26	+06.764 783 71		5.52	−7.33	2.81	1.20	0.48	1.37	1.36	0.47	+ 6	+29	+ 7	−32	−31	+25	−31	+ 2	−33	−15	0	−1.13
26239		05 35 25.34	+10 31 03.5	8.31		G	83.855 578 04	+10.517 648 96		2.92	2.75	−7.31	0.85	0.63	0.98	0.97	0.66	+14	+25	−31	− 2	− 3	−10	− 4	−16	+10	+15	0	1.45
26240		05 35 25.89	+22 26 17.3	8.35		H	83.857 886 29	+22.438 127 25		5.78	24.66	−26.83	1.20	0.64	1.25	1.18	0.60	+19	+46	+ 3	+20	+32	+ 3	+21	+54	− 5	+29	2	−0.59
26241		05 35 25.98	−05 54 35.6	2.75	1	H	83.858 254 75	−05.909 899 84		2.46	2.27	−0.62	0.60	0.42	0.77	0.65	0.47	+ 6	+37	− 9	+ 1	−20	+ 9	−25	+20	−27	+ 3	0	1.37
26242		05 35 26.14	−45 06 36.8	10.31		H	83.858 902 79	−45.110 225 55		4.59	22.14	−34.70	1.05	1.11	1.25	1.27	1.32	− 1	+11	−24	−14	−11	+24	− 5	−15	+ 8	+ 3	1	0.12
*26243		05 35 26.57	−15 44 16.6	6.82	1	H	83.860 716 12	−15.737 952 01		4.24	−0.91	7.94	0.59	0.59	0.80	0.59	0.66	− 4	+12	−29	+17	−34	− 4	−42	+ 8	− 2	−12	0	−0.64
*26244		05 35 26.56	+41 32 22.1	8.73		G	83.860 658 19	+41.539 478 92		0.77	−2.98	−0.59	1.01	0.75	1.10	1.24	0.86	+ 7	+32	− 7	+19	+11	− 3	+10	+40	+ 3	+14	0	1.87
*26245	H	05 35 26.78	−33 16 10.1	6.74		H	83.861 587 23	−33.269 485 75	A	20.99	−42.54	105.71	0.88	1.16	0.85	0.72	0.91	−22	+ 9	−14	− 6	− 5	+24	− 3	−37	+ 3	+ 3	1	0.09
*26246	H	05 35 26.76	−08 38 44.1	8.03		H	83.861 513 32	−08.645 587 63	A	2.99	−5.43	0.00	1.16	0.89	1.39	1.15	0.87	− 4	+30	−36	− 3	−25	+12	−26	+ 2	− 7	+14	2	−0.44
*26247		05 35 27.16	+72 27 57.6	10.21	3	H	83.863 185 77	+72.465 990 82		−1.88	1.11	1.93	0.83	1.13	1.59	0.85	1.22	+12	+17	+15	+10	+13	+18	+12	− 2	+ 7	+10	1	1.23
*26248		05 35 27.12	+24 02 22.7	5.37		H	83.863 002 22	+24.039 637 93		5.44	14.98	−20.22	0.86	0.52	0.90	1.03	0.51	+17	+31	− 6	+15	+33	− 4	+23	+60	−10	+23	0	−1.05
26249	H	05 35 27.68	+37 54 07.2	7.58		G	83.865 332 47	+37.902 003 52	A	8.63	−28.09	−17.37	1.26	0.89	1.34	1.25	0.82	−18	+48	−40	+ 9	+21	− 3	− 1	+49	−23	+24	1	1.08
26250		05 35 27.82	+21 17 39.8	9.24		H	83.865 929 66	+21.294 397 00		5.30	−1.09	−22.12	1.40	0.74	1.52	1.59	0.73	+ 1	+46	−11	+ 1	+30	−21	+16	+48	− 7	+15	0	−0.52
26251		05 35 28.37	−43 23 52.2	8.68		H	83.868 200 09	−43.397 829 44		3.69	−4.83	12.19	0.58	0.71	0.73	0.59	0.87	− 7	+ 9	−19	−15	+ 9	+ 0	+10	− 3	− 6	+ 0	0	−0.76
26252		05 35 29.20	+05 49 27.2	9.02		H	83.871 676 41	+05.824 220 76		4.57	9.96	−3.53	1.19	0.56	1.40	1.29	0.55	− 1	+28	− 3	−28	− 6	+12	−16	+ 7	−22	+11	0	0.35
26253		05 35 29.72	+65 46 51.7	10.48		H	83.873 820 68	+65.781 020 66		2.30	12.42	−8.89	1.15	1.14	1.87	1.28	1.23	−20	+30	−20	+10	+20	−17	+18	+19	+11	− 6	0	−0.52
26254		05 35 30.23	+00 29 44.6	8.33		G	83.875 969 73	+00.495 712 12		2.53	6.44	−12.38	1.02	0.54	1.13	1.15	0.54	+ 9	+43	+ 2	−21	−34	− 9	−38	+23	−29	+15	0	0.88
26255		05 35 30.43	+04 50 27.7	8.89		H	83.876 803 70	+04.841 020 05		2.82	−5.17	−5.03	1.09	0.54	1.26	1.30	0.54	− 1	+32	+ 2	−13	−20	+ 3	−24	+32	−25	+ 0	0	0.28
26256		05 35 30.65	+07 16 21.4	9.20		H	83.877 702 85	+07.272 608 92	A	6.21	1.86	−27.67	2.99	1.39	3.01	3.27	1.26	+ 2	+30	− 1	−27	−39	+21	−32	−18	−20	−15	1	0.50
26257	H	05 35 31.08	−04 21 50.6	6.56		G	83.879 486 33	−04.364 048 61	A	2.58	3.78	1.07	0.89	0.60	1.01	0.89	0.58	+21	+31	+ 6	−12	−14	+26	−20	−15	−28	− 5	12	0.08
26258		05 35 31.36	−05 16 02.6	6.75		H	83.880 683 17	−05.267 387 97		2.77	1.76	1.66	0.71	0.49	0.88	0.78	0.51	+ 4	+21	− 8	+ 4	−26	+12	−25	+19	−13	+ 3	2	−0.19
26259	H	05 35 31.79	+07 23 18.6	9.45		H	83.882 445 63	+07.388 504 51	B	6.35	−7.64	−4.78	5.40	3.01	4.46	3.94	2.17	−14	+42	−21	−18	−33	+14	−28	−20	− 8	−12	1	0.84
26260		05 35 33.41	−45 02 46.7	10.07		H	83.889 221 25	−45.046 303 40		4.55	12.00	16.03	0.91	1.02	1.13	1.12	1.18	− 1	+ 8	−30	−11	−13	+25	− 5	−17	+12	+ 3	0	−1.16
26261	H	05 35 33.90	+38 01 11.1	8.09		H	83.891 267 14	+38.019 742 36	A	3.95	−1.17	−3.60	1.75	1.20	1.67	1.58	0.99	−25	+37	−41	+ 9	+21	+ 4	− 7	+56	−29	+11	1	−1.14
26262		05 35 35.37	+35 03 34.4	8.80		H	83.897 374 02	+35.059 556 70		0.98	4.33	−1.79	1.13	0.77	1.29	1.37	0.87	+11	+31	−20	+22	+ 9	− 2	+ 6	+45	− 7	+16	0	0.18
26263	H	05 35 35.90	−03 15 10.2	6.40	1	G	83.899 600 25	−03.252 837 54	A	1.25	0.85	−1.00	0.82	0.58	0.92	0.92	0.58	− 1	+ 8	− 3	− 1	−29	− 2	−30	+ 9	−16	+17	1	0.98
26264		05 35 36.13	−78 49 15.2	6.04	1	H	83.900 544 32	−78.820 883 25		4.10	12.55	18.18	0.48	0.43	0.49	0.60	0.52	−11	+25	− 5	−27	+ 0	−20	− 4	+ 7	− 1	− 6	0	−0.28
26265		05 35 37.46	−03 34 42.3	9.29		G	83.906 095 98	−03.578 414 44		1.73	1.46	−0.88	1.24	0.77	1.60	1.27	0.81	+21	+42	+ 1	− 9	−27	+ 8	−33	+ 2	−25	+22	0	0.30
26266		05 35 37.52	−62 03 07.2	8.33		H	83.906 326 18	−62.051 990 36		11.31	28.41	−57.21	0.67	0.73	0.74	0.70	0.89	−16	+31	−15	+ 4	−10	+ 6	−11	+ 5	− 3	−23	1	1.88
26267		05 35 38.12	+48 04 41.2	7.50		H	83.908 843 66	+48.078 117 32		5.21	10.47	−27.44	0.97	0.74	1.01	1.13	0.80	+10	+25	− 9	+35	+22	−11	+15	+60	− 4	+27	0	1.60
26268		05 35 39.49	−04 51 21.9	5.24		H	83.914 521 09	−04.856 086 20		8.80	−1.44	8.05	0.58	0.40	0.73	0.66	0.42	+13	+21	− 6	−12	−24	+24	−22	+ 6	−12	+ 0	2	−0.73
*26269		05 35 39.54	−81 36 43.0	7.12		H	83.914 742 97	−81.611 943 05		20.12	−30.56	30.06	0.49	0.50	0.54	0.49	0.60	− 5	+26	−10	+12	− 6	+ 3	− 8	+30	−18	−12	0	−1.72
*26270		05 35 39.51	−49 45 06.1	8.56		H	83.914 618 40	−49.751 703 96		0.97	−5.82	46.87	0.72	0.69	0.77	0.86	0.79	− 2	+ 5	−11	− 3	− 7	+14	− 6	−18	+11	−14	0	−0.38
26271		05 35 39.85	−03 18 57.9	8.37		G	83.916 045 15	−03.316 080 36		2.24	2.09	−2.01	0.87	0.56	1.12	0.98	0.61	+13	+32	− 1	+ 8	−15	+ 4	−20	+19	−23	+22	0	0.29
26272		05 35 40.53	+21 24 11.8	7.56		H	83.918 875 83	+21.403 276 47		0.28	−5.60	−7.91	0.98	0.55	1.06	1.01	0.55	+ 9	+51	−19	+ 5	+39	−16	+21	+49	−10	+36	0	0.98
26273		05 35 41.07	−27 37 13.1	8.22		G	83.921 116 77	−27.620 298 23		11.90	23.52	−217.85	0.56	0.82	0.98	0.65	1.02	−18	+19	− 3	−11	+14	+11	+12	−30	−15	−17	0	−1.52
26274		05 35 41.27	−07 22 27.5	9.32		G	83.921 954 20	−07.374 315 26		16.85	117.93	113.49	1.08	0.79	1.40	1.17	0.84	+ 2	+26	−16	− 4	−30	−12	−35	+ 8	−24	+ 5	0	0.28
26275	H	05 35 43.66	+36 54 22.0	10.01		H	83.931 936 32	+36.906 101 93	A	−0.64	−8.09	−14.46	3.46	1.87	3.75	2.96	1.88	− 6	+50	−38	+10	+22	− 9	+ 2	+42	−33	+41	3	−0.56
26276		05 35 43.96	+00 44 00.3	8.75		G	83.933 175 66	+00.733 417 20		0.16	−0.82	1.39	1.18	0.56	1.27	1.24	0.56	+13	+46	− 1	−23	−33	+ 1	−37	+25	−30	+13	2	−1.08
26277		05 35 44.26	−62 47 52.4	9.33		G	83.934 426 45	−62.797 875 93		30.82	−74.58	249.05	0.85	0.94	0.94	0.94	1.05	+ 1	+13	+11	− 7	+ 6	−12	+ 6	−17	+ 1	−15	0	−1.87
26278		05 35 44.35	+45 29 35.7	8.54		H	83.934 792 52	+45.493 245 49		2.45	2.32	−3.00	1.04	0.88	1.19	1.12	0.88	+25	+26	−23	+41	+38	− 3	+29	+64	−20	+36	0	0.24
26279		05 35 44.56	+18 45 29.4	7.63	1	H	83.935 651 53	+18.758 160 15		−0.17	8.05	−9.51	1.12	0.64	1.21	1.34	0.73	+ 1	+42	− 7	−11	+25	+ 8	+20	−10	+ 2	+27	0	0.02
26280		05 35 45.51	+01 19 22.9	8.52		H	83.939 644 99	+01.323 040 36		1.73	2.98	14.34	1.30	0.64	1.50	1.71	0.61	+ 7	+21	−30	−32	−44	+31	−42	+34	−31	+14	0	−0.07
26281	H	05 35 45.64	+20 26 16.2	9.41		G	83.940 152 77	+20.437 832 36	*	−0.13	10.25	3.73	9.10	4.09	2.60	3.44	1.60	+ 3	+ 6	− 8	−17	+35	+ 9	+22	+32	−12	+ 6	1	0.91
26282		05 35 46.45	+18 45 44.0	9.61	2	H	83.943 558 40	+18.762 234 72		6.47	−29.72	16.22	2.12	1.25	2.27	2.74	1.53	− 8	+42	−14	−19	+19	+ 8	+18	−22	+ 7	+27	9	0.14
26283		05 35 47.09	+65 37 25.6	8.98		H	83.946 216 40	+65.623 769 65		2.81	1.58	−17.53	0.81	0.79	1.17	0.89	0.85	+14	+20	+ 1	− 9	+ 2	−21	+ 5	+15	+13	+ 7	1	2.11
26284		05 35 47.72	−25 44 18.6	7.66	2	H	83.948 818 92	−25.738 501 95		3.63	2.52	9.90	0.47	0.75	0.98	0.60	0.89	−15	+ 5	−17	+ 3	− 2	+ 5	− 3	−34	+38	−24	1	−1.13
26285		05 35 47.75	−19 56 48.4	7.95		H	83.948 972 20	−19.946 782 22		0.13	9.82	−0.84	0.64	0.72	1.03	0.97	0.97	− 4	+22	−30	+ 0	−12	− 3	−11	− 7	+ 2	+15	2	1.77
26286	H	05 35 49.70	+24 55 22.8	9.84		H	83.957 094 92	+24.922 994 58	A	3.42	−1.64	−5.81	3.19	1.81	3.23	3.14	1.56	+ 1	+60	−14	+ 2	+29	+ 3	+ 4	+51	−24	+13	1	0.16
26287		05 35 51.45	+05 01 44.1	7.97		H	83.964 393 04	+05.028 918 33		5.28	−7.03	−45.76	0.95	0.48	1.08	1.13	0.47	+ 1	+25	+ 2	−11	−23	− 2	−24	+24	−18	+ 6	0	−0.06
26288		05 35 53.55	−13 14 42.4	7.60		H	83.973 121 69	−13.245 113 80		2.97	9.37	0.75	0.77	0.68	0.96	0.75	0.74	+ 2	− 2	− 6	+17	−41	− 7	−48	− 3	+15	−20	0	−0.92
26289		05 35 53.64	−23 06 09.6	11.26		G	83.973 508 79	−23.102 679 21		9.29	24.78	−92.57	1.69	2.57	3.54	2.30	3.34	+ 7	+ 8	− 9	+ 1	−13	+13	−19	−28	− 7	−17	2	
26290		05 35 55.22	+35 30 27.4	9.04		H	83.980 100 72	+35.507 605 51		10.90	−6.15	−9.01	1.37	0.91	1.56	1.61	1.02	− 1	+45	−26	+33	+ 1	+ 6	− 1	+46	− 8	+ 6	0	−0.55
26291		05 35 55.52	+27 39 44.7	6.27		H	83.981 321 70	+27.662 423 30		4.08	−27.05	−31.47	0.89	0.65	0.91	0.96	0.65	+37	+30	−19	+32	+65	− 2	+45	+70	−23	+63	5	0.54
26292		05 35 56.20	−30 32 10.6	7.62		H	83.984 178 43	−30.536 289 21		2.16	−1.45	−14.20	0.52	0.70	0.84	0.56	0.93	+ 3	+ 8	−33	+ 1	−15	+26	− 9	−24	+ 9	+ 8	0	−0.17
26293	H	05 35 56.23	+39 01 26.6	8.92		H	83.984 284 24	+39.024 063 57	A	11.57	−31.14	−1.14	2.13	1.53	2.09	2.48	1.62	− 7	+30	−22	+21	+11	−14	+ 7	+52	− 8	− 6	1	−0.28
26294		05 35 58.25	+09 31 54.2	8.65		G	83.992 717 14	+09.531 722 36		2.48	2.57	0.09	1.06	0.69	1.18	1.27	0.75	+14	+37	− 8	−20	−15	− 2	−19	−49	− 4	+ 0	2	1.54
26295		05 35 58.47	+24 44 54.3	10.48	3	H	83.993 605 22	+24.748 422 54		10.05	2.67	−26.17	1.85	1.13	2.01	2.19	1.15	+ 8	+26	−11	+13	+31	−19	+19	+51	−15	+25	0	−1.03
26296		05 36 00.43	+77 55 56.2	8.35		H	84.001 809 03	+77.932 278 26		2.14	3.22	−7.11	0.61	0.72	0.87	0.68	0.84	− 7	+22	−12	−11	+ 4	− 4	+ 0	+ 8	− 3	+14	0	−0.32
26297		05 36 01.14	+63 31 08.6	7.81		H	84.004 730 67	+63.519 045 18		5.21	−7.68	−23.57	0.60	0.56	0.87	0.66	0.63	− 4	+12	+ 2	−14	−14	−18	− 8	+ 4	+19	−24	0	−0.55
26298	H	05 36 02.59	+19 32 58.0	7.16		H	84.010 804 07	+19.549 432 46	A	0.27	−3.66	−9.28	1.37	0.88	1.34	1.45	0.91	−20	+31	−20	− 9	+32	+ 7	+24	− 5	−10	+17	7	0.50
26299	H	05 36 02.70	+26 16 06.0	8.20		G	84.011 233 85	+26.268 320 59	A	1.95	−3.72	−6.45	2.16	3.31	1.62	2.25	1.15	+14	+ 6	−20	+ 5	+34	−20	+32	+52	−34	+20	0	−0.66
26300		05 36 02.85	−47 18 49.4	6.10	1	H	84.011 888 68	−47.313 726 79		6.25	−8.71	−7.97	0.50	0.48	0.55	0.55	0.58	−18	+18	−17	− 8	− 2	+ 5	+ 2	−14	+19	−23	0	−1.30

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No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
26201	8.155	0.010	6.938	0.005		1.040	0.009	T	1.01	0.01	L	6.9871	0.0006	0.006	98		6.97	7.00					1							
26202	7.512	0.008	7.528	0.012		−0.010	0.013	T	0.01	0.01	L	7.5231	0.0015	0.009	49		7.51	7.54		C			1							S
26203	11.266	0.068	9.635	0.027		1.365	0.058	T	1.33	0.07	L	9.6968	0.0043	0.027	92		9.66	9.75					1							
26204	8.349	0.014	8.169	0.016		0.172	0.020	T	0.19	0.02	L	8.1956	0.0016	0.009	49		8.18	8.21		C			1 S							
26205	10.331	0.031	8.568	0.013		1.469	0.027	T	1.48	0.04	L	8.5484	0.0016	0.013	97		8.53	8.57		C			1							
26206	8.700	0.015	8.226	0.014	*	0.444	0.020	G	0.51	0.02	H *	8.2474	0.0016	0.012	76	*	8.23	8.27		D	05351+3056	I 1	2 C B	AS	7	0.466	0.002	0.03	0.02	
26207	3.312	0.007	3.517	0.006	A	−0.160	0.025	G	−0.13	0.02	A *	3.3298	0.0006	0.005	65	*	3.32	3.34		D	05351+0956	I 1	2 C A	AB	44	4.340	0.005	1.96	0.02	S
26208	11.329	0.080	10.817	0.089		0.602	0.107	G	0.67	0.10	R	10.7444	0.0064	0.031	65		10.70	10.79					1							G
26209	9.441	0.020	9.055	0.021		0.365	0.027	T	0.43	0.03	L	9.0735	0.0021	0.022	81		9.03	9.11					1							
26210	7.347	0.005	7.478	0.007		−0.116	0.011	G	−0.10	0.01	H	7.4655	0.0009	0.008	107		7.45	7.48		C			1							S
26211	8.406	0.009	8.305	0.010		0.098	0.013	T	0.11	0.01	L	8.3469	0.0012	0.014	119		8.32	8.37					1							
26212	6.545	0.006	6.708	0.007		−0.133	0.005	G	−0.12	0.01	H	6.6788	0.0006	0.006	68		6.67	6.69		D			1							S
26213	6.822	0.004	6.970	0.006		−0.107	0.004	G	−0.09	0.01	H	6.9376	0.0010	0.010	104		6.92	6.95					1							S
26214	9.837	0.031	9.423	0.033		0.391	0.042	T	0.46	0.05	L	9.3933	0.0033	0.019	67		9.37	9.42					1							
26215	5.757	0.005	5.636	0.005	A	0.149	0.042	G	0.09	0.01	L *	5.6409	0.0009	0.005	70	*	5.63	5.65		D	05352+1014	I 1	2 C A	AB	352	2.822	0.024	4.01	0.13	S
26216	8.280	0.008	8.321	0.011	*	−0.051	0.008	G	−0.03	0.01	H *	8.3248	0.0020	0.014	106	*	8.30	8.35			05352−0223	H 1	2 C S C	AB	290	0.115	0.086	1.77	1.57	
26217	9.553	0.017	8.782	0.014	*	0.686	0.017	T	0.74	0.01	L *	8.8015	0.0016	0.015	110	*	8.78	8.83		D	05352−4657	I 1	2 C A	AB	252	0.454	0.004	1.30	0.02	
26218											T	13.4070	0.2393			B				D	05353−6941	I 2	1 C I B							D
26219	7.196	0.005	5.882	0.003		1.120	0.001	G	1.04	0.04	E	5.9318	0.0008	0.006	122		5.92	5.94		C			1							S
26220											T	4.8594	0.0273	0.259	90	–	4.62	5.43		D	05353−0524	I 4	2 C F C	BD	30	8.608	0.082	1.14	0.72	S Y
26221						0.020	0.042	G	−0.01	0.02	L	4.6103	0.0057	0.046	88	–	4.56	4.70		D	05353−0524	I 4	1 C P C							S G
26222	10.621	0.048	10.759	0.093	A	0.125	0.040	G	0.14	0.04	H	10.5740	0.0208	0.067	88	A	10.42	10.65		D	05353−6941	I 2	1 C P B							D
26223	9.134	0.015	7.477	0.007		1.411	0.014	T	3.25	0.04	O	7.0215	0.0116	0.074	89		6.89	7.19		U 2			1 S							S
26224						0.080	0.040	G	0.09	0.04	R	4.7663	0.0178	0.230	89	–	4.63	5.56		D	05353−0524	I 4	1 C F C							S G
26225	8.012	0.011	7.893	0.011		0.120	0.015	G	0.13	0.01	H	7.9169	0.0013	0.008	68		7.90	7.93					1							S
26226	9.378	0.021	9.163	0.024		0.205	0.030	T	0.23	0.03	L	9.2103	0.0024	0.018	92		9.18	9.24		C			1							
26227	11.231	0.081	10.477	0.067		0.719	0.004	G	0.77	0.00	H	10.5191	0.0033	0.030	70		10.46	10.56		C			1							G
26228	11.634	0.161	11.195	0.172		0.616	0.107	G	0.68	0.10	R	11.1313	0.0053	0.045	68		11.02	11.19					1 G							G
26229	8.400	0.015	8.080	0.016		0.304	0.021	T	0.35	0.03	L	8.1499	0.0016	0.011	71		8.13	8.17		C			1							
26230	8.622	0.014	7.439	0.010		1.014	0.013	T	0.99	0.01	L	7.4803	0.0017	0.011	66		7.46	7.50		C			1							S
26231	8.562	0.016	8.033	0.015		0.496	0.020	T	0.57	0.02	L	8.1136	0.0016	0.010	54		8.09	8.13		C			1							S
26232	9.701	0.018	9.207	0.017		0.465	0.022	T	0.54	0.02	L	9.2583	0.0020	0.021	121		9.21	9.29		C			1							
26233	6.373	0.004	6.538	0.005	*	−0.142	0.005	T	−0.14	0.01	L *	6.5179	0.0014	0.009	94	*	6.50	6.53	0.90	P 1 A	05354−0430	H 1	2 C C	AB	276	0.383	0.042	3.73	0.26	S P
26234	6.056	0.004	6.231	0.005	*	−0.148	0.007	G	−0.14	0.03	C *	6.1974	0.0008	0.005	91	*	6.19	6.21		D	05354−0426	I 1	2 C A	AB	94	0.373	0.004	1.44	0.04	S
26235	4.881	0.009	4.902	0.016	*	−0.097	0.014	G	0.03	0.03	C *	4.9953	0.0007	0.006	93	*	4.99	5.00		D	05353−0524	I 4	2 C B	EN	283	0.383	0.034	3.23	0.15	S
26236	8.381	0.009	8.157	0.010		0.200	0.015	G	0.22	0.02	H	8.1909	0.0012	0.013	116		8.17	8.21					1							S
26237	4.351	0.002	4.571	0.003		−0.183	0.003	G	−0.19	0.00	H	4.5178	0.0006	0.006	93		4.51	4.53		D	05354−0450	I 1	1 X S							S
26238	8.791	0.010	8.497	0.011		0.280	0.014	T	0.32	0.02	L	8.5419	0.0016	0.015	142		8.52	8.58					1							
26239	8.400	0.012	8.320	0.015		0.063	0.003	G	0.07	0.00	H	8.3368	0.0014	0.012	72		8.32	8.36		C			1							
26240	9.042	0.016	8.422	0.014		0.577	0.019	T	0.65	0.02	L	8.4744	0.0019	0.012	75		8.45	8.50		C			1							
26241	2.499	0.003	2.740	0.003		−0.210	0.004	T	−0.22	0.01	L	2.6706	0.0008	0.006	77		2.66	2.68		M	05355−0555	I 1	1 S							S
26242	10.825	0.040	10.396	0.045		0.556	0.005	G	0.63	0.01	H	10.4299	0.0025	0.025	106		10.37	10.47		C			1							
26243	6.658	0.005	6.791	0.005		−0.124	0.004	G	−0.11	0.01	H	6.7764	0.0032	0.022	99		6.75	6.82	0.86	P 1 A			1							S
26244	8.800	0.016	8.750	0.020		0.050	0.015	G	0.06	0.01	H	8.7512	0.0027	0.016	59		8.73	8.78		C			1 S							
26245	7.336	0.005	6.811	0.006	*	0.502	0.006	T	0.57	0.01	L *	6.8465	0.0008	0.008	124	*	6.83	6.86		D	05354−3316	I 1	2 C A	AB	322	0.439	0.004	1.33	0.02	S
26246	8.108	0.010	8.104	0.013	A	0.100	0.495	G	0.02	0.01	L *	8.0386	0.0016	0.010	91	*	8.02	8.06		D	05354−0839	I 1	2 C A	AB	84	3.676	0.011	2.51	0.05	S
26247	11.961	0.106	10.375	0.040		1.353	0.093	T	3.92	0.96	K	9.7177	0.0261	0.322	185		9.32	10.30	236.80	P 1 B			1 S							G P
26248	5.254	0.002	5.361	0.003		−0.092	0.003	T	−0.07	0.00	L	5.3480	0.0005	0.005	95		5.34	5.36		C			1							S
26249	7.966	0.013	7.659	0.017	A	0.323	0.015	G	0.37	0.02	H *	7.6655	0.0017	0.012	52	*	7.64	7.70		D	05355+3754	I 1	2 C A	AB	193	1.947	0.017	3.61	0.13	S
26250	9.945	0.025	9.335	0.023		0.568	0.030	T	0.64	0.03	L	9.3645	0.0024	0.017	78		9.34	9.39		C			1							
26251	8.563	0.009	8.660	0.012		−0.095	0.002	G	−0.08	0.00	H	8.6533	0.0016	0.016	132		8.62	8.69		C			1							
26252	9.563	0.017	9.066	0.017		0.467	0.022	T	0.54	0.02	L	9.1267	0.0017	0.018	114		9.10	9.16		C			1							
26253	12.803	0.274	10.785	0.064		1.242	0.197	G	1.20	0.19	K	10.6461	0.0034	0.034	152		10.58	10.71					1							G
26254	8.289	0.008	8.314	0.011		−0.046	0.005	G	−0.02	0.01	H	8.3274	0.0011	0.009	102		8.31	8.35					1							
26255	8.869	0.012	8.875	0.015		−0.001	0.018	T	0.02	0.02	L	8.8973	0.0016	0.014	113		8.87	8.92		C			1							
26256	9.834	0.020	9.232	0.018	A	0.561	0.024	T	0.63	0.02	L	9.3261	0.0097	0.026	139	A	9.29	9.38			05355+0716	I 1	2 C A	AB	268	13.160	0.029	2.16	0.08	
26257	6.260	0.007	6.431	0.008	A	−0.160	0.015	G	−0.16	0.02	H *	6.2651	0.0011	0.007	92	*	6.25	6.28		D	05355−0422	I 1	2 C A	AB	60	4.257	0.006	1.96	0.02	S
26258	7.089	0.021	6.889	0.028		0.184	0.034	T	0.20	0.04	L	6.8162	0.0012	0.008	95		6.80	6.83					1 S							S
26259	9.255	0.031	8.819	0.024	*	0.412	0.036	T	0.48	0.04	L *	9.5483	0.0031	0.027	133	*	9.52	9.60		R	05355+0723	I 1	2 C A	BA	285	1.647	0.011	0.31	0.02	
26260	10.747	0.038	10.076	0.034		0.621	0.043	T	0.69	0.04	L	10.1968	0.0034	0.027	105		10.16	10.27		C			1							
26261	8.120	0.013	8.118	0.016	*	0.007	0.019	T	0.03	0.02	L *	8.1021	0.0014	0.008	47	*	8.09	8.11		D	05356+3801	I 1	2 C A	AB	240	0.542	0.015	2.56	0.05	S
26262	9.759	0.029	8.908	0.022		0.763	0.027	T	0.80	0.02	L	8.9440	0.0020	0.014	64		8.92	8.97		C			1							
26263	6.248	0.004	6.385	0.005	*	−0.122	0.007	G	−0.11	0.03	C *	6.3624	0.0013	0.011	92	*	6.34	6.38	1.01	P 1 A	05356−0315	I 1	2 C C	AB	352	0.953	0.035	4.13	0.17	S
26264	6.018	0.003	6.043	0.003		−0.018	0.004	T	0.00	0.00	L	6.0428	0.0008	0.011	131		6.03	6.06	2.37	P 1 A			1 G							S P
26265	9.275	0.018	9.242	0.023		0.014	0.003	G	0.03	0.00	H	9.3016	0.0034	0.021	80		9.27	9.34		C			1							
26266	9.427	0.018	8.416	0.013		0.827	0.015	G	0.85	0.01	H	8.4756	0.0018	0.018	106		8.45	8.50					1							
26267	9.266	0.022	7.638	0.012		1.363	0.020	T	1.33	0.02	L	7.6454	0.0016	0.010	55		7.63	7.66					1							
26268	5.555	0.003	5.272	0.003		0.269	0.004	T	0.30	0.01	L	5.3137	0.0009	0.006	96		5.31	5.33			05357−0451	I 1	1							S
26269	7.678	0.006	7.185	0.005		0.496	0.001	G	0.57	0.00	H	7.2329	0.0010	0.009	128		7.22	7.25		C			1							S
26270	9.780	0.021	8.653	0.014		0.970	0.020	T	0.95	0.02	L	8.7276	0.0019	0.017	102		8.68	8.76					1							
26271	8.283	0.009	8.352	0.012		−0.058	0.007	G	−0.04	0.01	H	8.3462	0.0016	0.013	87		8.32	8.37		C			1							
26272	7.726	0.007	7.588	0.010		0.133	0.011	T	0.15	0.01	L	7.6056	0.0013	0.010	83		7.59	7.62		C			1							S
26273	9.120	0.014	8.301	0.011		0.707	0.002	G	0.76	0.00	H	8.3595	0.0013	0.015	133		8.34	8.39		C			1							S
26274	10.380	0.028	9.402	0.021		0.817	0.002	G	0.86	0.00	H	9.4588	0.0028	0.020	103		9.43	9.49		C			1							
26275	10.508	0.057	10.132	0.065	A	0.414	0.107	G	0.48	0.12	R *	10.1047	0.0029	0.030	51	*	10.06	10.15		D	05357+3654	M 1	2 C A	AB	297	1.590	0.021	1.91	0.10	G
26276	8.754	0.012	8.722	0.015		0.020	0.015	G	0.04	0.01	H	8.7608	0.0012	0.013	106		8.74	8.78		C			1							
26277	10.907	0.061	9.514	0.031		1.119	0.002	G	1.25	0.02	A	9.4584	0.0017	0.017	98		9.43	9.48					1							
26278	8.649	0.012	8.546	0.015		0.119	0.010	G	0.13	0.01	H	8.5817	0.0016	0.015	74		8.55	8.61		C			1							
26279	9.968	0.033	7.843	0.012		1.757	0.028	T	1.78	0.03	L	7.7281	0.0017	0.015	61		7.70	7.75		M			1							
26280	9.661	0.020	8.581	0.013		0.934	0.018	T	0.93	0.01	L	8.6821	0.0016	0.013	111		8.66	8.70		C			1							
26281	11.203	0.106	9.547	0.040	*	1.420	0.020	G	1.40	0.03	H *	9.5973	0.0049	0.025	73	*	9.55	9.64		R	05358+2026	H 1	2 C C	AB	347	0.242	0.051	2.46	0.54	G
26282	10.385	0.049	9.686	0.042		0.644	0.053	T	0.71	0.05	L	9.7384	0.0052	0.057	60		9.50	9.78		U 2			1 S							G P
26283	9.209	0.013	9.004	0.015		0.196	0.019	T	0.21	0.02	L	9.0426	0.0023	0.022	125		9.00	9.09		C			1							
26284	10.662	0.036	7.917	0.008		2.194	0.027	T	2.24	0.03	L	7.7160	0.0091	0.109	163		7.60	7.89	82.70	P 1 A			1 S							S
26285	9.989	0.023	8.117	0.010		1.556	0.020	T	1.57	0.02	L	8.0721	0.0015	0.015	113		8.04	8.10					1							
26286	10.071	0.030	9.938	0.037	*	0.128	0.045	T	0.14	0.05	L *	9.8896	0.0026	0.021	80	*	9.85	9.93		D	05358+2455	I 1	2 C A	AB	335	0.555	0.006	1.32	0.03	G
26287	8.556	0.012	8.026	0.011		0.519	0.015	G	0.59	0.02	H	8.0799	0.0012	0.011	111		8.06	8.10					1							S
26288	9.647	0.019	7.760	0.009		1.568	0.017	T	1.59	0.02	L	7.7140	0.0013	0.015	85		7.69	7.74					1							
26289	12.037	0.106	11.294	0.090		0.800	0.015	G	0.84	0.01	H	11.4210	0.0042	0.051	199		11.34	11.51		C			1 X S							G
26290	9.603	0.025	9.055	0.024		0.513	0.031	T	0.59	0.03	L	9.1530	0.0019	0.015	62		9.13	9.18		C			1							
26291	8.279	0.012	6.441	0.005		1.529	0.010	T	1.57	0.02	L	6.3849	0.0011	0.011	83		6.37	6.40					1							S
26292	8.767	0.010	7.720	0.007		0.909	0.009	T	0.90	0.02	A	7.7829	0.0011	0.011	133		7.76	7.81					1							S
26293	9.684	0.030	8.992	0.025	A	0.644	0.126	G	0.67	0.04	L *	9.0448	0.0022	0.014	74	*	9.02	9.07		C	05359+3901	M 1	2 C A	AB	151	1.785	0.029	2.99	0.11	
26294	8.625	0.018	8.645	0.024		−0.037	0.017	G	−0.01	0.02	H	8.6399	0.0020	0.012	78		8.62	8.66		C			1							
26295	11.497	0.091	10.733	0.072		0.696	0.091	T	0.75	0.07	L	10.6273	0.0478	0.439	90		9.96	11.03	6.73	P 1 A			1 S							G
26296	10.035	0.019	8.503	0.010		1.287	0.017	T	1.25	0.02	L	8.5134	0.0015	0.018	138		8.49	8.55		C			1							
26297	7.981	0.008	7.834	0.009		0.141	0.015	G	0.16	0.01	H	7.8626	0.0015	0.012	138		7.84	7.88					1							S
26298	7.259	0.007	7.178	0.009	*	0.080	0.010	T	0.09	0.01	L *	7.1959	0.0017	0.008	56	*	7.18	7.21		D	05360+1933	H 1	2 C D	AB	68	0.752	0.036	3.64	0.14	S D
26299	8.226	0.013	8.203	0.016	*	0.158	0.015	G	0.17	0.01	H *	8.2113	0.0014	0.010	70	*	8.20	8.23		C	05360+2616	H 1	2 C A	AB	359	0.300	0.013	2.51	0.16	
26300	7.596	0.007	6.229	0.004		1.159	0.000	G	1.18	0.04	E	6.2619	0.0018	0.016	122		6.24	6.29	20.92	P 1 A			1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
26301	H	05 36 03.46	−12 20 23.8	9.08		H	84.014 402 90	−12.339 942 60	A	7.69	13.49	−12.74	2.48	2.68	2.62	2.13	2.14	+20	−7	−22	−18	−32	+13	−33	−25	+8	+12	0	−0.31
26302		05 36 03.90	−15 22 53.5	8.98		G	84.016 246 94	−15.381 514 76		6.00	−15.49	−7.04	0.92	0.94	1.21	0.97	1.12	−1	+25	−14	+22	−33	−8	−39	+13	−7	−4	0	−0.21
26303		05 36 05.01	−16 51 45.0	8.58		H	84.020 866 42	−16.862 511 18		5.79	−11.78	−1.89	0.83	0.93	1.30	0.95	1.16	−38	+25	−29	+39	−38	−6	−43	+38	−6	−10	0	−1.26
26304		05 36 06.24	−07 23 47.4	7.39	1	G	84.025 982 17	−07.396 490 54		4.15	−4.04	5.23	0.70	0.49	0.88	0.73	0.53	+9	+32	−9	−4	−34	−8	−38	+10	−25	+6	0	0.31
26305		05 36 06.44	+01 49 45.4	9.05		H	84.026 820 37	+01.829 264 23		0.93	−9.33	−2.90	1.26	0.69	1.45	1.67	0.65	−9	+29	−30	−14	−48	+24	−47	+44	−32	+4	2	−0.06
26306		05 36 08.53	+12 26 11.3	7.16		H	84.035 523 04	+12.436 458 41		5.11	1.62	−21.08	0.94	0.70	1.01	1.43	0.93	+23	+18	−6	+7	+23	+6	+15	−10	−19	+22	0	0.95
26307		05 36 09.67	+36 14 50.1	8.57		H	84.040 301 85	+36.247 241 33		1.47	−0.97	18.70	1.38	0.79	1.59	1.36	0.85	−12	+61	−24	+27	−9	+22	−3	+30	+0	+3	0	−1.44
26308		05 36 09.77	−13 49 20.3	8.64		G	84.040 722 66	−13.822 311 18		0.52	1.65	−4.08	0.90	0.77	1.15	0.99	0.84	+1	+7	−13	−2	−41	+9	−37	+10	−10	−30	0	−0.82
26309		05 36 10.28	−28 42 28.8	6.26		G	84.042 827 44	−28.708 005 75		17.68	25.52	−3.92	0.41	0.56	0.71	0.52	0.71	−11	+14	−29	−7	+3	+13	+8	−19	−1	−4	1	1.28
26310		05 36 11.24	+44 19 35.1	7.26		H	84.046 815 15	+44.326 418 82		14.96	−101.72	5.29	0.84	0.68	0.93	1.07	0.79	+6	+28	+6	+22	+8	+10	+11	+54	+4	−7	0	0.53
26311		05 36 12.81	−01 12 06.9	1.69	1	G	84.053 385 72	−01.201 917 25		2.43	1.49	−1.06	0.72	0.41	0.91	0.80	0.44	+5	+46	−8	+35	−28	+15	−34	+42	−40	+5	0	−0.45
26312		05 36 14.09	−02 15 31.8	8.45		G	84.058 688 79	−02.258 831 18		1.45	2.63	−2.46	0.83	0.54	0.99	0.96	0.57	+16	+27	+1	+26	−13	−7	−14	+32	−22	+24	0	0.84
26313		05 36 14.50	+06 38 46.3	9.46		H	84.060 415 04	+06.646 191 77		5.57	−3.80	−6.29	1.88	1.21	1.91	2.03	1.28	−48	+46	−21	−45	+37	+1	+35	−69	+7	−54	0	−0.44
26314		05 36 15.03	−05 38 52.5	6.56		H	84.062 613 08	−05.647 920 24		1.84	0.82	−1.02	0.70	0.45	0.87	0.77	0.50	+9	+32	−6	+4	−18	−5	−25	+15	−30	+12	0	1.00
26315		05 36 15.95	+47 42 55.2	6.10		H	84.066 446 22	+47.715 337 87		9.79	14.38	−19.63	0.86	0.63	0.86	0.97	0.68	+27	+27	−11	+45	+39	−14	+30	+63	−14	+42	0	1.88
26316		05 36 16.93	+44 46 11.9	8.45		H	84.070 528 45	+44.769 965 54		3.39	7.18	0.11	1.14	0.96	1.24	1.45	1.07	+30	+23	−9	+33	+16	+10	+22	+62	−2	+14	5	−2.08
26317		05 36 17.17	−55 24 38.6	9.52		H	84.071 539 37	−55.410 735 03		1.34	−12.83	8.53	0.82	0.85	0.88	0.85	0.98	−2	+0	−7	+7	−9	−2	−13	−12	+10	−13	0	−1.30
26318		05 36 17.34	−46 01 22.7	8.23		H	84.072 252 95	−46.022 963 64		8.50	29.64	11.12	0.71	0.67	0.76	0.87	0.75	+7	+11	−25	+18	−25	+23	−22	−18	+14	−2	1	0.42
26319		05 36 17.83	−01 38 07.2	8.01	1	H	84.074 303 20	−01.635 328 28		2.43	0.04	−0.72	0.84	0.52	1.00	0.95	0.53	+5	+31	−5	+18	−32	+6	−32	+32	−24	+8	1	−0.06
26320		05 36 20.61	+39 01 56.4	8.05		H	84.085 866 22	+39.032 328 96		5.30	2.39	−17.09	0.96	0.69	1.05	1.23	0.83	−3	+25	−7	+34	+1	−17	+3	+51	+9	−17	0	0.91
26321		05 36 20.75	−79 54 51.5	8.49		H	84.086 476 30	−79.914 309 09		3.04	1.28	−3.91	0.61	0.57	0.62	0.68	0.75	−1	+11	−10	−7	+5	−9	+8	+25	−4	−8	0	1.01
26322		05 36 21.18	+34 03 17.5	11.98		G	84.088 262 15	+34.054 850 65		8.41	−12.15	−5.59	3.98	2.61	4.23	4.78	2.99	+17	+40	+1	+21	+20	−7	+18	+49	+1	+18	5	0.15
26323		05 36 21.67	−57 27 29.2	7.61		H	84.090 303 98	−57.458 116 61		3.53	−0.77	49.28	0.68	0.69	0.74	0.73	0.91	+12	−38	−6	−1	−15	−8	−22	−4	+15	+26	0	0.07
26324		05 36 22.34	−66 17 25.3	8.78	2	H	84.093 070 55	−66.290 357 28		0.93	−0.11	12.19	0.64	0.78	0.71	0.46	0.84	+8	+25	+4	−64	−3	−13	−1	−41	−2	+21	1	2.26
26325		05 36 24.46	−44 02 16.9	7.89		H	84.101 927 28	−44.038 018 82		3.09	0.13	−8.58	0.60	0.65	0.71	0.63	0.83	−3	−7	−11	−17	+2	+0	+2	−11	+2	−6	0	−0.24
26326		05 36 25.01	+32 00 13.2	7.99		H	84.104 221 67	+32.003 661 43		16.28	−4.05	−49.55	1.05	0.68	1.22	1.32	0.76	−6	+45	−28	+19	−5	+11	−2	+45	+4	+18	0	−0.68
26327		05 36 25.43	−06 42 57.7	10.34	2	H	84.105 955 61	−06.716 015 25		3.72	3.39	−5.61	4.08	2.53	5.48	3.73	2.84	−14	+56	−18	+2	−29	+2	−43	+22	−43	−18	8	4.16
26328	H	05 36 26.41	+21 59 35.9	6.88		G	84.110 044 06	+21.993 314 40	A	15.35	−44.21	−84.81	2.29	1.34	1.99	1.87	1.07	−15	+38	−7	+6	+25	+0	+6	+48	−11	+5	8	0.85
26329		05 36 27.94	−09 57 47.9	8.80		H	84.116 407 29	−09.963 319 21		3.64	−0.93	0.41	0.79	0.65	1.10	0.85	0.69	+6	+29	−14	+1	−20	−16	−27	+7	−24	+9	0	−0.33
26330		05 36 28.41	+25 35 16.3	8.57		G	84.118 359 29	+25.587 871 52		14.70	−51.48	−2.43	1.37	1.00	1.41	1.68	0.99	+47	+12	−19	+29	+65	+5	+53	+79	−32	+51	0	−0.23
26331		05 36 29.36	+03 18 29.7	9.58		H	84.122 319 37	+03.308 242 71		1.78	−0.33	−0.05	1.60	0.74	1.73	1.82	0.75	+18	+45	+12	−29	−29	−9	−33	+22	−33	+15	0	−0.18
26332		05 36 30.18	+25 56 24.4	6.52		H	84.125 735 14	+25.940 101 20		11.78	0.56	26.61	1.02	0.69	1.20	1.47	0.73	+27	+10	−32	+19	+41	−10	+32	+73	−43	+20	2	0.29
26333		05 36 30.36	+42 11 04.6	9.07		H	84.126 480 95	+42.184 600 06		0.94	−0.70	−3.11	1.17	0.93	1.29	1.61	1.15	+0	+12	+2	+19	+7	−1	+10	+46	+3	−13	3	1.37
26334		05 36 30.59	−01 59 01.8	7.85		H	84.127 450 73	−01.983 827 15		0.98	−1.13	3.09	0.85	0.53	0.97	0.92	0.53	+25	+38	+12	+20	−19	−1	−19	+34	−20	+22	2	1.06
26335		05 36 30.99	+11 19 40.8	8.78		H	84.129 133 89	+11.328 006 02		87.90	−2.56	−57.60	1.11	0.84	1.29	1.32	0.90	−1	+37	−32	−2	+6	−6	+8	−42	+16	+8	0	0.43
*26336		05 36 32.01	−72 58 56.0	7.95		H	84.133 365 87	−72.982 221 42		3.91	6.33	18.45	0.62	0.55	0.67	0.79	0.82	−9	−8	+7	−5	−16	+6	−16	−27	−12	−2	0	0.17
*26337		05 36 32.00	+34 10 47.3	9.14		G	84.133 318 74	+34.179 804 56		0.46	0.19	−4.08	1.34	0.89	1.45	1.66	1.03	+11	+32	+4	+16	+18	−4	+16	+40	−1	+10	0	0.70
26338		05 36 32.38	−68 54 01.7	10.31		G	84.134 898 08	−68.900 465 77		2.16	−0.48	1.05	1.22	1.37	1.31	1.67	1.87	−15	+13	−5	−21	+21	−3	+13	−45	−9	−37	1	−0.17
*26339		05 36 32.92	−30 09 31.8	9.09		H	84.137 150 66	−30.158 823 86		9.14	55.20	−44.20	0.71	0.93	1.11	0.83	1.21	+0	+7	−21	+4	−5	−3	−7	−17	+2	−3	0	−1.36
*26340		05 36 32.89	−51 46 30.3	8.26		H	84.137 048 23	−51.775 076 85		7.24	17.51	25.67	0.59	0.63	0.65	0.68	0.75	+5	−5	−7	+10	−16	−3	−19	−16	+12	−5	0	1.43
26341		05 36 33.47	+12 06 02.7	7.68		H	84.139 447 75	+12.100 748 28		2.34	0.09	−6.50	1.04	0.78	1.14	1.75	1.00	+13	+9	−3	−5	+29	+13	+19	−24	−22	+10	0	1.42
26342		05 36 34.62	+29 01 09.6	9.49		H	84.144 233 85	+29.019 338 24		4.18	10.68	−27.08	1.30	0.89	1.38	1.42	0.91	+19	+33	−12	+16	+42	−1	+29	+55	−15	+30	2	2.14
26343	H	05 36 35.11	−34 43 21.5	7.61		H	84.146 298 73	−34.722 628 00	A	3.53	−24.46	−20.07	1.04	1.48	1.12	0.84	1.39	+21	+8	+7	−5	−6	+15	−11	−28	−10	+13	2	0.18
26344		05 36 35.22	+54 25 43.3	5.74	1	H	84.146 770 09	+54.428 684 26		4.37	−7.14	−10.59	0.52	0.37	0.71	0.60	0.38	+13	+26	−3	−3	+11	−15	+11	−31	+19	+1	0	2.36
26345	H	05 36 35.69	−06 03 53.1	5.71		G	84.148 723 14	−06.064 752 48	A	1.70	0.00	0.35	0.80	0.53	0.93	0.79	0.53	−6	+40	−31	−10	−17	+13	−23	−2	−25	−7	7	1.10
26346		05 36 35.99	−11 48 04.7	8.79		H	84.149 970 38	−11.801 295 82		13.43	−12.07	22.13	0.98	0.85	1.34	1.16	0.97	−11	+29	−23	+1	−27	−2	−38	+14	−23	+7	0	2.40
26347		05 36 36.17	−48 17 04.8	7.40		H	84.150 713 45	−48.284 661 16		9.08	10.74	9.14	0.63	0.58	0.67	0.71	0.68	−11	+24	−16	+1	−2	+5	−3	−22	+14	−28	0	0.05
26348		05 36 36.34	−35 03 40.9	6.88		H	84.151 398 05	−35.061 347 24		4.73	11.13	57.28	0.47	0.59	0.67	0.53	0.70	−7	+4	−32	−11	−11	+21	−7	−41	+16	−7	0	−0.44
26349		05 36 38.15	−10 29 56.3	7.85		H	84.158 962 50	−10.498 970 24		5.33	−8.94	14.31	0.72	0.59	0.94	0.72	0.61	+6	+29	+1	+24	−28	−20	−34	+28	−27	+3	2	1.05
26350		05 36 39.26	+61 24 25.3	8.02		H	84.163 582 19	+61.407 020 74		6.38	2.24	15.58	0.64	0.61	0.99	0.76	0.62	+2	+7	−10	−11	+8	−11	+6	−6	+0	+11	1	1.04
26351		05 36 39.80	+27 54 42.3	8.22		H	84.165 833 83	+27.911 763 25		0.36	−0.52	−4.11	1.04	0.80	1.10	1.16	0.80	+31	+25	−25	+29	+65	−3	+43	+73	−27	+62	4	−0.51
26352		05 36 40.63	−74 42 57.7	7.93		H	84.169 296 51	−74.716 019 01		4.40	−9.07	28.39	0.65	0.48	0.67	0.64	0.73	−13	+31	+11	−28	+4	+5	−6	−29	−22	−11	0	0.44
26353	H	05 36 41.84	+02 41 11.4	8.84		H	84.174 353 60	+02.686 498 36	A	4.30	1.67	2.08	1.67	0.89	1.67	2.00	0.84	+12	+29	+0	−33	−40	−10	−41	+19	−22	+26	2	0.07
26354		05 36 42.30	+34 12 06.0	9.03	2	H	84.176 258 13	+34.201 659 23		3.58	2.17	−3.96	1.24	0.86	1.34	1.62	0.97	+20	+24	+3	+29	+18	−1	+17	+55	−5	+15	0	−1.06
26355		05 36 44.06	−24 42 12.0	8.34		H	84.183 567 62	−24.703 328 16		6.87	−3.10	8.66	0.47	0.71	0.98	0.60	0.92	−4	+1	−4	−9	−8	+9	−7	−6	+10	−18	1	0.54
26356		05 36 45.09	+11 50 08.5	8.26		H	84.187 892 45	+11.835 699 15		2.78	1.45	−5.53	1.10	0.80	1.19	1.50	0.90	+15	+12	−9	+0	+0	+6	−2	−37	−11	+14	0	1.95
26357		05 36 45.13	−52 47 14.7	8.76		H	84.188 045 74	−52.787 430 37		2.78	2.22	16.09	0.63	0.68	0.71	0.64	0.78	−8	+14	−19	+6	−9	+1	−9	+9	+3	−5	0	−0.33
26358	H	05 36 48.71	+63 30 30.6	8.51		H	84.202 950 60	+63.508 494 70	A	2.53	−14.50	−14.82	1.19	1.16	1.52	1.23	1.12	−5	+9	−4	−15	−1	−24	−4	−16	+15	−3	0	0.73
26359		05 36 49.25	+15 37 06.2	7.72		H	84.205 194 13	+15.618 378 11		4.70	7.23	10.04	1.04	0.70	1.15	1.56	0.93	+23	+34	−28	−18	−17	+2	−9	−30	+18	+51	0	0.41
26360		05 36 49.30	+37 48 53.4	9.00		H	84.205 396 55	+37.814 824 55		2.95	8.52	−12.21	1.60	1.03	1.85	1.76	1.12	−17	+55	−36	+17	−1	+18	+1	+30	+3	+33	0	0.25
26361		05 36 50.79	+71 03 36.6	8.53		H	84.211 617 40	+71.060 175 13		3.18	−17.78	−37.93	0.43	0.62	0.90	0.46	0.72	−7	+17	−12	−3	−1	+8	+3	+5	+19	+2	0	0.20
26362		05 36 51.25	+79 54 41.9	9.28		H	84.213 543 51	+79.911 651 13		1.07	0.43	−16.34	0.65	0.89	0.98	0.70	0.97	+10	+11	−8	+19	+6	+3	+7	+16	+10	+10	1	0.83
26363		05 36 52.42	+40 10 56.6	6.08		H	84.218 413 71	+40.182 385 43		1.28	−4.33	−4.18	0.89	0.57	1.01	0.99	0.71	+19	+47	+1	+44	+27	+9	+43	+51	+30	+33	0	1.99
26364		05 36 53.26	+38 20 32.4	7.65		H	84.221 898 25	+38.342 322 76		2.86	−32.07	−25.77	0.99	0.70	1.07	1.34	0.84	−10	+22	−16	+38	−3	−14	−4	+49	+6	−15	0	−1.08
26365		05 36 54.30	+23 10 24.6	9.59		H	84.226 232 98	+23.173 491 97		−0.38	−7.42	−0.87	1.89	1.06	2.10	2.79	0.94	−7	−3	+32	−27	+49	+40	+33	+35	−14	−11	7	−0.21
26366		05 36 54.33	+09 17 29.1	4.09		G	84.226 377 75	+09.291 412 00		28.10	96.84	−304.18	0.88	0.53	0.91	0.93	0.63	+16	+51	−5	−14	−33	−8	−26	−50	−2	+25	0	1.85
26367		05 36 54.80	−56 11 16.2	8.26		H	84.228 342 72	−56.187 825 97		1.07	−2.97	21.27	0.65	0.70	0.72	0.73	0.86	−2	+12	−12	+18	−2	−9	−2	−3	+11	−2	0	0.61
26368		05 36 54.99	−66 33 37.1	6.28		G	84.229 115 09	−66.560 313 64		3.81	−6.11	10.81	0.41	0.48	0.47	0.32	0.53	−6	+23	+2	−49	+8	−11	+7	−27	−8	+3	0	0.82
*26369		05 36 55.07	−47 57 48.2	9.84		H	84.229 454 24	−47.963 383 16	B	41.23	5.42	21.87	28.56	25.70	15.54	20.58	19.61	−16	+24	−11	+17	+7	+11	+10	−16	+5	−25	1	−0.12
*26370		05 36 55.03	−33 50 22.6	8.49		H	84.229 279 03	−33.839 600 33		2.30	−11.67	−12.84	0.59	0.74	0.82	0.70	1.00	−20	+15	−18	+7	+4	+9	+8	−23	−3	−11	0	0.68
26371		05 36 55.10	+61 13 57.3	7.98		H	84.229 565 16	+61.232 570 36		2.63	4.20	−17.80	0.63	0.57	0.86	0.78	0.61	+2	+17	−10	−3	+18	−1	+18	−12	+9	+29	0	0.93
26372		05 36 55.58	+74 19 10.2	7.01		H	84.231 597 66	+74.319 492 01		16.11	35.58	−99.93	0.36	0.46	0.60	0.40	0.53	+1	+11	+0	−1	+4	+11	+5	+3	+3	−1	1	−0.07
26373		05 36 56.83	−47 57 52.9	7.95		G	84.236 802 24	−47.964 687 27	A	41.90	25.31	−0.04	2.19	1.96	1.74	2.30	2.15	−17	+23	−8	+20	+8	+9	+10	−17	+9	−28	1	−0.12
26374		05 36 57.73	+31 19 00.7	10.14		H	84.240 555 07	+31.316 853 22		1.28	1.71	−23.17	1.61	1.02	1.79	1.85	1.14	+7	+39	−14	+7	+23	−1	+13	+40	−5	+29	0	−0.97
26375		05 36 59.71	−19 55 40.5	8.65		G	84.248 808 15	−19.927 917 65		0.03	0.12	−2.56	0.75	0.83	1.21	1.22	1.06	−9	+22	−33	+9	−12	−9	−11	+9	+6	+9	2	0.31
26376		05 37 00.20	−19 51 30.1	8.49		H	84.250 813 67	−19.858 365 65		4.01	−6.46	17.07	0.76	0.83	1.22	1.32	1.05	−6	+17	−36	−3	−13	+2	−9	+2	+8	+4	0	0.97
26377		05 37 00.29	+12 28 29.6	8.45		H	84.251 208 85	+12.474 887 34		3.95	3.25	−12.52	1.03	0.77	1.12	1.66	1.06	+18	+18	−16	+8	−5	−17	−4	−18	+8	+25	0	0.65
*26378		05 37 01.24	−59 29 48.1	8.87		H	84.255 175 19	−59.496 697 91		2.42	−1.72	23.60	0.75	0.83	0.81	0.87	1.11	−15	−2	−8	−5	−1	+5	−2	−15	+4	−22	0	0.27
*26379		05 37 01.19	−51 56 55.4	8.66		H	84.254 945 26	−51.948 732 75		4.99	−18.08	−34.91	0.66	0.67	0.71	0.72	0.79	−3	+12	−7	+7	−12	−3	−15	−8	−1	−9	1	−1.29
26380		05 37 01.73	−73 41 56.7	6.69		H	84.257 202 05	−73.699 082 04		26.47	138.79	−107.29	0.51	0.43	0.56	0.54	0.61	−12	+7	+26	−35	+7	+20	−4	−32	−24	−13	0	0.50
26381		05 37 02.54	+20 43 54.5	7.68		G	84.260 567 15	+20.731 808 57		30.08	−79.75	−419.96	1.12	0.74	1.15	1.37	0.88	+22	+33	−23	+38	+26	−14	+23	+31	+1	+38	3	0.89
26382		05 37 03.71	+17 02 25.5	5.53		H	84.265 456 79	+17.040 409 10		18.56	42.90	−34.86	0.79	0.51	0.86	1.03	0.63	+16	+32	−16	+22	+31	−20	+21	+26	−14	+24	3	1.36
*26383		05 37 04.02	−83 17 28.1	8.59		H	84.266 729 75	−83.291 131 30		6.96	3.82	−92.95	0.67	0.66	0.70	0.76	0.79	−8	+20	−13	+22	−8	+9	−7	+35	−7	−9	0	−1.37
*26384		05 37 03.91	+52 31 26.1	10.15		G	84.266 304 62	+52.523 928 98		26.12	101.32	−208.10	1.49	0.91	1.90	1.87	0.94	+15	+35	+4	−17	+1	−21	+5	−30	+24	−19	0	−0.68
26385		05 37 04.25	+37 02 42.7	8.15		H	84.267 704 86	+37.045 202 52		6.61	13.40	−26.36	1.32	0.78	1.56	1.20	0.80	−4	+61	−21	+16	+14	+20	+8	+25	−6	+23	0	−0.56
26386		05 37 04.35	+11 02 06.2	5.97	1	H	84.268 131 10	+11.035 043 89		3.97	52.25	−16.18	0.72	0.56	0.82	0.77	0.59	+9	+35	−31	−2	−6	−2	−1	−34	+12	+26	0	−0.38
*26387		05 37 04.71	+20 21 34.1	9.30		H	84.269 619 89	+20.359 477 56		8.71	−4.52	−11.69	1.45	1.03	1.57	2.06	1.31	−1	+24	−28	+9	+23	−9	+22	+4	+4	+24	0	0.89
*26388		05 37 04.64	−33 49 11.3	8.50		H	84.269 348 80	−33.819 810 06		3.55	−15.49	24.56	0.60	0.75	0.84	0.69	1.01	−16	+18	−18	+5	+1	+7	+3	−25	−7	−9	0	0.64
*26389		05 37 05.44	+22 07 00.9	8.87		H	84.272 683 06	+22.116 922 31		−1.09	0.35	−1.88	1.25	0.71	1.34	1.31	0.76	+9	+40	−9	+18	+23	−4	+12	+40	−11	+34	0	0.96
*26390		05 37 05.44	−11 43 02.8	9.73		G	84.272 664 61	−11.717 436 56		4.92	−8.06	−33.68	1.19	1.04	1.69	1.24	0.99	−3	+16	−20	−1	−40	+15	−36	+13	−18	−17	0	0.63
26391		05 37 07.16	+60 36 37.6	8.29		H	84.279 844 25	+60.610 432 88		5.68	−2.71	−59.42	0.71	0.62	0.92	0.79	0.60	+16	+13	−18	+3	+11	−10	+9	−5	+1	+32	2	0.20
26392	H	05 37 07.19	+41 49 42.0	7.09		G	84.279 965 91	+41.828 335 57	A	22.35	4.28	−32.27	1.20	0.91	1.20	1.46	1.01	−9	+27	−16	+17	−11	−6	−13	+46	−11	−5	3	−0.03
26393		05 37 08.33	−50 24 31.5	7.95		H	84.284 721 57	−50.408 757 30		2.79	−7.45	16.51	0.55	0.63	0.65	0.63	0.76	−9	+19	−13	−3	+8	−17	+8	−15	+7	−10	1	0.41
*26394		05 37 08.79	−80 28 18.0	5.65		G	84.286 635 98	−80.471 674 50		54.92	311.97	1050.19	0.43	0.42	0.45	0.46	0.54	−11	+16	−4	−4	−1	−9	+1	+22	−2	−23	0	−0.65
*26395		05 37 08.76	−11 46 31.7	6.10		G	84.286 500 77	−11.775 460 37		15.14	20.52	−22.66	0.66	0.53	0.81	0.67	0.53	−17	+26	−27	+14	−44	+14	−42	+27	−15	−29	0	0.97
26396	H	05 37 08.84	+26 55 28.3	5.83		H	84.286 825 53	+26.924 528 23	B	6.83	11.11	−22.68	2.80	1.75	1.91	1.93	1.16	−23	+26	−32	−6	+54	−20	+13	+68	−38	+36	5	1.33
26397		05 37 08.99	+34 48 43.1	8.10		G	84.287 465 97	+34.811 964 57		1.15	1.62	−2.97	1.08	0.68	1.22	1.24	0.78	+5	+49	−16	+18	+5	−6	−3	+49	−15	+13	0	−1.26
26398		05 37 09.46	−22 50 06.9	8.62		H	84.289 422 85	−22.835 260 37		1.07	2.43	−7.66	0.54	0.91	1.26	0.80	1.14	+26	−6	−20	−1	−34	+12	−34	−17	+11	−9	1	1.15
26399		05 37 10.95	+49 47 54.8	8.60		H	84.295 620 75	+49.798 549 59		2.44	−1.68	−1.99	1.30	0.81	1.35	1.43	0.87	+8	+48	−11	+11	+43	+4	+21	+44	−17	+33	0	0.80
26400		05 37 10.97	−26 23 55.3	11.34		G	84.295 698 29	−26.398 692 87		5.44	−7.98	−104.85	1.30	1.87	2.29	1.59	2.32	−9	−1	+5	−4	+5	+4	+1	−19	+11	−26	0	−0.28

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
26301	9.761	0.023	9.162	0.020	*	0.558	0.022	T	0.63	0.02	L *	9.1995	0.0023	0.020	73	*	9.16	9.23		D	05361−1220	H 1	2 C A	AB	200	0.466	0.004	0.52	0.02	
26302	9.547	0.018	8.991	0.017		0.505	0.015	G	0.58	0.02	H	9.0889	0.0024	0.022	96		9.04	9.13		C			1							
26303	8.685	0.012	8.594	0.014		0.082	0.017	T	0.09	0.02	L	8.6151	0.0020	0.018	100		8.59	8.65		C			1							
26304	7.282	0.006	7.366	0.008		−0.081	0.001	G	−0.06	0.00	H	7.3714	0.0020	0.017	106		7.34	7.40		U 2			1							S P
26305	9.346	0.016	9.051	0.017		0.280	0.022	T	0.32	0.03	L	9.1211	0.0013	0.018	120		9.08	9.16					1							
26306	8.488	0.017	7.273	0.009		1.039	0.015	T	1.01	0.01	L	7.3327	0.0017	0.010	54		7.31	7.35					1 S							S
26307	9.944	0.027	8.675	0.016		1.081	0.025	T	1.04	0.02	L	8.7419	0.0020	0.014	66		8.72	8.77		C			1							
26308	8.581	0.011	8.649	0.015		−0.019	0.015	G	0.00	0.01	H	8.6381	0.0021	0.021	84		8.59	8.67			05362−1349	I 1	1							
26309	6.457	0.003	6.282	0.004		0.151	0.006	G	0.16	0.03	C	6.3136	0.0007	0.008	134		6.30	6.32		C			1							S
26310	7.772	0.012	7.305	0.012		0.493	0.015	G	0.51	0.01	L	7.3540	0.0017	0.009	57		7.34	7.37					1							S
26311	1.553	0.007	1.692	0.005		−0.184	0.008	G	−0.16	0.02	A	1.6235	0.0017	0.013	96		1.60	1.65		U 2	05363−0112	I 1	1							S
26312	8.433	0.009	8.454	0.011		0.010	0.015	G	0.03	0.01	H	8.4578	0.0015	0.013	120		8.44	8.48		C			1							
26313	9.987	0.026	9.535	0.027		0.426	0.034	T	0.49	0.04	L	9.5522	0.0021	0.023	97		9.51	9.59		C			1							
26314	6.289	0.009	6.496	0.013		−0.180	0.011	G	−0.20	0.01	L	6.4877	0.0011	0.007	84		6.47	6.50		C			1							S
26315	6.447	0.008	6.138	0.005		0.295	0.010	T	0.34	0.01	L	6.1798	0.0010	0.007	57		6.17	6.19		C			1							S
26316	8.481	0.014	8.439	0.017		0.043	0.020	T	0.06	0.02	L	8.4702	0.0024	0.012	61		8.45	8.49					1							S
26317	10.134	0.030	9.545	0.027		0.490	0.015	G	0.56	0.02	H	9.6226	0.0023	0.020	94		9.59	9.65		C			1							
26318	8.774	0.013	8.284	0.013		0.473	0.014	T	0.54	0.01	L	8.3393	0.0013	0.012	92		8.32	8.37					1							S
26319	7.892	0.008	8.005	0.011		−0.092	0.007	G	−0.07	0.01	H	7.9864	0.0023	0.017	116		7.96	8.01		U			1							S
26320	9.562	0.024	8.175	0.014		1.173	0.022	T	1.13	0.02	L	8.2128	0.0014	0.011	69		8.19	8.23		D			1							
26321	8.710	0.010	8.503	0.011		0.191	0.015	T	0.21	0.02	L	8.5514	0.0016	0.014	131		8.53	8.57					1							
26322						0.204	0.015	G	0.22	0.02	H	12.0544	0.0096	0.057	58		11.92	12.18					1							D
26323	9.618	0.021	7.785	0.010		1.576	0.020	G	1.84	0.02	A	7.7001	0.0020	0.015	83		7.67	7.73					1							S
26324	10.839	0.048	9.009	0.017		1.554	0.042	T	2.49	0.07	O	8.7973	0.0063	0.044	112		8.73	8.86		U 2			1							
26325	9.290	0.014	8.013	0.009		1.087	0.013	T	1.05	0.01	L	8.0584	0.0014	0.015	113		8.03	8.09		C			1							S
26326	8.644	0.015	8.047	0.014		0.557	0.018	T	0.63	0.02	L	8.1100	0.0008	0.012	64		8.09	8.14		D			1							
26327	11.546	0.099	10.792	0.078		0.689	0.099	T	0.75	0.08	L	10.3522	0.0084	0.066	98		10.26	10.59		U 2	05364−0643	I 1	1 S							G
26328						0.501	0.020	G	0.48	0.02	H *	6.9741	0.0024	0.015	76	*	6.96	7.01		R	05364+2200	I 1	2 C A	AB	272	3.996	0.005	0.44	0.01	S
26329	10.183	0.028	8.945	0.016		1.057	0.025	T	1.02	0.02	L	8.9718	0.0017	0.014	92		8.95	9.00		C			1							
26330	9.168	0.019	8.615	0.017		0.506	0.002	G	0.58	0.00	H	8.6772	0.0012	0.013	70		8.66	8.70		D			1							
26331	9.879	0.025	9.625	0.029		0.242	0.036	T	0.27	0.04	L	9.6526	0.0030	0.023	104		9.61	9.69		C			1							
26332	7.039	0.006	6.559	0.006		0.452	0.008	T	0.52	0.01	L	6.6178	0.0005	0.006	71		6.61	6.63		C			1							S
26333	10.342	0.048	9.182	0.029		0.996	0.044	T	0.97	0.04	L	9.2298	0.0022	0.014	57		9.21	9.25					1							
26334	7.768	0.006	7.834	0.009		−0.056	0.009	T	−0.03	0.01	L	7.8397	0.0008	0.008	108		7.82	7.86					1							S
26335	10.733	0.066	9.039	0.025		1.415	0.056	T	1.40	0.09	L	8.9163	0.0022	0.019	58		8.89	8.96		C			1							
26336	9.273	0.016	8.043	0.010		1.050	0.015	T	1.02	0.01	L	8.1141	0.0016	0.013	82		8.09	8.13		C			1							
26337	9.102	0.023	9.092	0.030		0.014	0.006	G	0.03	0.01	H	9.1465	0.0028	0.020	65		9.12	9.18					1							D
26338	10.636	0.052	10.323	0.061		0.358	0.024	G	0.42	0.03	H	10.4139	0.0043	0.038	82		10.33	10.47					1 S							D
26339	9.841	0.020	9.156	0.017		0.621	0.020	T	0.69	0.02	L	9.2251	0.0019	0.022	136		9.19	9.27		C			1							
26340	8.719	0.011	8.304	0.011		0.406	0.013	T	0.47	0.01	L	8.3559	0.0014	0.012	106		8.34	8.38					1							S
26341	8.877	0.017	7.785	0.012		0.944	0.016	T	0.93	0.01	L	7.8435	0.0017	0.010	50		7.82	7.87		C			1							S
26342	9.964	0.029	9.545	0.031		0.396	0.039	T	0.46	0.04	L	9.5834	0.0023	0.020	73		9.54	9.62		C			1 S							G
26343	8.971	0.011	7.747	0.007	*	1.046	0.010	T	1.02	0.01	L *	7.7764	0.0013	0.014	133	*	7.76	7.80		D	05366−3443	I 1	2 C A	AB	201	0.459	0.004	1.22	0.02	S
26344	7.898	0.007	5.926	0.003		1.671	0.006	T	1.86	0.02	O	5.8334	0.0018	0.019	156		5.81	5.86		U 2			1							S P
26345	5.424	0.003	5.678	0.004	*	−0.212	0.011	G	−0.23	0.01	H *	5.6299	0.0008	0.006	88	*	5.62	5.65		D	05366−0604	I 1	2 C B	AB	289	5.385	0.016	3.23	0.08	S
26346	9.399	0.016	8.832	0.015		0.530	0.020	T	0.60	0.02	L	8.9032	0.0024	0.017	83		8.88	8.93		C			1 G							
26347	7.906	0.008	7.441	0.008		0.438	0.010	T	0.51	0.01	L	7.5025	0.0010	0.011	102		7.48	7.52					1							S
26348	8.653	0.009	7.021	0.005		1.366	0.008	T	1.33	0.01	L	7.0247	0.0010	0.010	123		7.01	7.04					1							S
26349	8.076	0.009	7.870	0.009		0.197	0.012	T	0.22	0.01	L	7.9146	0.0020	0.016	100		7.89	7.94					1							
26350	9.166	0.013	8.131	0.009		0.900	0.012	T	0.90	0.01	L	8.1736	0.0013	0.014	124		8.14	8.21					1							S
26351	8.413	0.012	8.264	0.014		0.334	0.015	G	0.39	0.02	H	8.3005	0.0019	0.013	82		8.28	8.32					1							
26352	9.152	0.017	8.057	0.011		0.946	0.016	T	0.94	0.01	L	8.0902	0.0014	0.010	100		8.07	8.11					1							
26353	9.286	0.016	8.878	0.016	*	0.386	0.021	T	0.45	0.02	L *	8.9242	0.0016	0.016	113	*	8.90	8.95		D	05367+0241	I 1	2 C A	AB	286	0.953	0.023	2.74	0.05	
26354	9.146	0.026	9.136	0.034		0.052	0.009	G	0.06	0.01	H	9.0551	0.0165	0.103	70		8.97	9.25	16.86	P 1 A			1							G P
26355	8.350	0.007	8.331	0.009		0.018	0.010	T	0.04	0.01	L	8.3532	0.0014	0.018	192		8.33	8.39					1							
26356	8.186	0.012	8.222	0.015		−0.028	0.018	T	−0.01	0.02	L	8.2556	0.0018	0.012	52		8.23	8.27		C			1							S
26357	8.840	0.011	8.761	0.014		0.071	0.016	T	0.08	0.02	L	8.7883	0.0019	0.016	124		8.76	8.82		C			1							
26358	9.816	0.027	8.601	0.015	*	1.039	0.024	T	1.01	0.02	L *	8.6735	0.0019	0.019	135	*	8.65	8.71		D	05368+6330	I 1	2 C A	AB	168	6.163	0.007	1.54	0.03	
26359	9.062	0.018	7.841	0.011		1.043	0.016	T	1.01	0.01	L	7.8871	0.0014	0.009	57		7.88	7.90		C			1							
26360	9.853	0.043	9.083	0.034		0.701	0.043	T	0.76	0.04	L	9.1373	0.0047	0.021	46		9.11	9.17					1							
26361	8.830	0.008	8.554	0.008		0.263	0.011	T	0.30	0.01	L	8.6045	0.0012	0.015	242		8.58	8.64					1							
26362	10.702	0.035	9.434	0.020		1.080	0.031	T	1.04	0.03	L	9.4496	0.0022	0.021	141		9.41	9.51					1							
26363	7.354	0.008	6.195	0.005		1.032	0.012	G	1.07	0.03	C	6.2448	0.0009	0.008	67		6.23	6.26		C			1 G							S
26364	9.593	0.030	7.820	0.014		1.477	0.026	T	1.49	0.04	L	7.7802	0.0017	0.011	57		7.76	7.80		C			1							
26365	9.692	0.028	9.619	0.037		0.149	0.015	G	0.16	0.01	H	9.6391	0.0041	0.027	61		9.60	9.68					1 S							G
26366	5.301	0.002	4.198	0.002		0.951	0.023	G	1.02	0.02	A	4.2350	0.0005	0.004	101		4.23	4.24		C			1 G							S
26367	10.318	0.027	8.443	0.011		1.558	0.023	T	1.58	0.02	L	8.3807	0.0018	0.015	104		8.35	8.41		C			1 S							
26368	6.209	0.004	6.275	0.004		−0.052	0.003	G	−0.03	0.00	H	6.2736	0.0008	0.006	112		6.26	6.28		C			1							S
26369	11.086	0.068	9.702	0.032	B	1.171	0.059	T	1.13	0.05	L	9.8556	0.1130			B				D	05369−4758	I 2	1 C I B							
26370	9.846	0.022	8.615	0.013		1.051	0.020	T	1.02	0.02	L	8.6624	0.0017	0.015	129		8.63	8.69		C			1							
26371	9.336	0.014	8.104	0.009		1.052	0.013	T	1.02	0.01	L	8.1490	0.0013	0.015	124		8.12	8.18					1							S
26372	7.427	0.004	7.054	0.005		0.353	0.006	T	0.41	0.01	L	7.0932	0.0008	0.009	206		7.08	7.11					1							S
26373	8.993	0.018	8.019	0.013	A	0.845	0.005	G	0.86	0.00	H	8.0568	0.0255	0.060	100	A	7.99	8.16		D	05369−4758	I 2	1 C P B							
26374	10.803	0.057	10.231	0.055		0.600	0.015	G	0.67	0.01	H	10.2664	0.0036	0.022	70		10.23	10.31		C			1							G
26375	8.722	0.011	8.647	0.013		0.061	0.002	G	0.07	0.00	H	8.6779	0.0019	0.017	120		8.65	8.71		C			1							
26376	8.831	0.011	8.512	0.012		0.306	0.018	T	0.35	0.02	L	8.5669	0.0018	0.018	115		8.53	8.60		C			1							S
26377	8.721	0.016	8.468	0.018		0.225	0.015	G	0.25	0.02	H	8.5172	0.0021	0.011	51		8.48	8.55		C			1							
26378	10.127	0.024	8.952	0.015		1.008	0.022	T	0.98	0.02	L	9.0323	0.0017	0.016	103		9.00	9.07					1							
26379	9.146	0.014	8.719	0.014		0.417	0.016	T	0.48	0.02	L	8.7534	0.0017	0.016	108		8.73	8.78		C			1							
26380	7.394	0.007	6.759	0.005		0.584	0.007	G	0.66	0.01	H	6.8192	0.0007	0.007	100		6.81	6.83		C			1							S
26381	8.481	0.014	7.701	0.014		0.667	0.008	G	0.73	0.01	H	7.7918	0.0013	0.010	60		7.78	7.82		C			1							S
26382	5.810	0.004	5.558	0.005		0.237	0.011	G	0.26	0.03	C	5.5961	0.0011	0.006	49		5.58	5.60					1							S
26383	9.255	0.013	8.653	0.012		0.560	0.013	T	0.63	0.01	L	8.7140	0.0018	0.021	122		8.68	8.75					1							
26384	11.546	0.071	10.249	0.037		1.122	0.002	G	1.21	0.00	I	10.2957	0.0042	0.039	122		10.23	10.36					1							G
26385	9.030	0.020	8.259	0.016		0.702	0.020	T	0.76	0.02	L	8.2957	0.0018	0.011	53		8.28	8.32					1							
26386	8.053	0.010	6.166	0.006		1.592	0.001	G	1.65	0.03	C	6.0811	0.0021	0.015	68		6.05	6.11		U 2			1							S
26387	9.847	0.039	9.328	0.038		0.487	0.049	T	0.56	0.05	L	9.4074	0.0025	0.017	48		9.38	9.43		C			1							
26388	9.863	0.024	8.613	0.014		1.066	0.022	T	1.03	0.02	L	8.6671	0.0016	0.015	129		8.64	8.69					1							
26389	9.001	0.021	8.895	0.026		0.103	0.031	T	0.12	0.03	L	8.9074	0.0020	0.014	63		8.88	8.94		C			1							
26390	10.311	0.033	9.837	0.035		0.500	0.020	G	0.57	0.02	H	9.8353	0.0024	0.021	81		9.80	9.89		C			1							
26391	8.360	0.009	8.302	0.011		0.058	0.013	T	0.07	0.01	L	8.3136	0.0018	0.016	102		8.28	8.34		C			1							S
26392	7.695	0.012	7.100	0.010	*	0.569	0.010	G	0.64	0.01	H *	7.2047	0.0012	0.009	56	*	7.19	7.22		D	05371+4150	I 1	2 C A	AB	359	2.538	0.003	1.30	0.01	S
26393	9.118	0.013	8.048	0.009		0.927	0.012	T	0.92	0.01	L	8.1065	0.0013	0.011	108		8.09	8.13		C			1							S
26394						0.600	0.003	G	0.64	0.07	F	5.7855	0.0007	0.006	132		5.77	5.79					1							S
26395	6.167	0.003	6.101	0.005		0.051	0.004	G	0.06	0.00	H	6.1224	0.0007	0.005	93		6.11	6.13		C			1							S
26396	5.773	0.006	5.860	0.007	*	−0.075	0.008	T	−0.05	0.01	L *	5.8125	0.0006	0.004	86	*	5.81	5.82		D	05371+2656	I 1	2 C A	BA	145	1.130	0.004	0.00	0.01	S
26397	8.192	0.016	8.155	0.019		0.034	0.022	T	0.05	0.02	L	8.1488	0.0020	0.012	65		8.13	8.17		C			1 S							
26398	9.753	0.014	8.723	0.010		0.925	0.041	G	0.96	0.04	H	8.7828	0.0015	0.022	210		8.75	8.82		R			1							
26399	10.272	0.037	8.729	0.018		1.296	0.032	T	1.26	0.03	L	8.7526	0.0016	0.011	56		8.74	8.78					1							
26400	11.935	0.109	11.267	0.092		0.722	0.015	G	0.77	0.01	H	11.5041	0.0049	0.045	138		11.41	11.60					1							G

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
26401	H	05 37 12.91	−42 42 55.6	9.30	2	H	84.303 797 18	−42.715 434 81	A	13.39	11.90	−13.76	1.43	1.69	1.60	1.47	2.06	−10	−13	−21	−6	+2	−6	−1	−12	+17	−8	0	2.14
*26402	H	05 37 13.33	+04 46 07.0	7.74		H	84.305 533 85	+04.768 597 70	A	−1.55	−1.62	0.05	1.75	1.29	1.74	1.72	1.17	−22	+38	−6	−38	+14	−13	+16	−58	+5	−25	3	0.23
*26403		05 37 13.26	−06 35 00.6	10.10	3	H	84.305 257 50	−06.583 492 90		−0.67	1.39	−0.60	1.43	0.95	1.80	1.51	1.07	−18	+50	−24	+9	−33	+7	−39	+22	−29	−9	0	−0.19
26404		05 37 13.64	−24 24 07.6	7.68		H	84.306 828 08	−24.402 103 32		17.08	13.58	−15.48	0.40	0.62	0.85	0.50	0.88	+4	−1	−3	−16	−9	+6	−9	−7	+2	−10	0	1.49
26405		05 37 14.52	−01 40 03.8	7.89		H	84.310 513 87	−01.667 721 48		2.07	1.01	−0.91	0.88	0.51	0.98	0.99	0.53	−3	+39	−12	+37	−26	+18	−29	+48	−29	+4	3	1.65
26406		05 37 14.94	−11 24 01.7	9.18		H	84.312 241 88	−11.400 461 11		2.46	0.03	7.92	1.07	0.87	1.36	1.04	0.83	+9	+29	−5	+6	−43	−7	−44	+5	−14	−1	0	1.84
26407		05 37 15.05	+83 51 41.4	7.14		G	84.312 692 08	+83.861 489 78		4.88	4.44	−21.18	0.42	0.46	0.54	0.51	0.54	+5	+10	−7	+15	+0	+13	+5	−2	+3	+27	3	2.02
26408	H	05 37 15.07	+64 09 17.5	6.15		G	84.312 783 75	+64.154 851 21	A	8.77	1.06	−66.45	0.62	0.57	0.72	0.63	0.55	+2	+5	+0	−28	+6	+4	+8	−31	+5	−2	0	1.28
26409		05 37 15.40	+39 00 11.5	8.79		G	84.314 172 44	+39.003 193 01		5.27	−0.32	−17.58	1.11	0.77	1.24	1.24	0.86	−9	+36	−19	+23	+11	−7	+7	+37	−5	−2	0	0.45
26410	H	05 37 16.05	+66 41 48.2	6.26		G	84.316 879 49	+66.696 715 01	*	12.60	−19.69	−9.45	0.32	0.41	0.65	0.43	0.51	−4	+12	−9	+15	+20	−4	+19	+25	+3	−6	1	1.30
26411		05 37 16.35	+19 00 37.9	9.39		H	84.318 130 25	+19.010 532 98		1.32	−7.60	−16.95	1.52	0.90	1.69	1.86	1.09	−2	+26	−5	−9	+20	+19	+16	−6	−6	+37	0	−1.15
26412		05 37 16.49	−27 52 16.3	6.15		H	84.318 721 54	−27.871 198 98		22.44	20.78	−67.08	0.46	0.82	0.73	0.62	1.02	+9	+5	−27	−32	+4	+12	−2	−59	+10	−7	0	1.19
26413	H	05 37 16.85	+44 04 15.2	7.24		G	84.320 189 67	+44.070 885 99	*	0.33	3.82	−1.73	0.90	0.76	1.00	1.22	0.92	−13	+20	−3	+36	−14	+14	−10	+56	+5	−22	0	−1.06
26414		05 37 19.31	+08 57 06.8	6.11		H	84.330 460 34	+08.951 880 07		3.76	−0.59	−2.28	0.78	0.48	0.91	0.81	0.50	+3	+48	−19	+0	−30	−5	−26	−46	+8	+3	0	0.81
26415		05 37 19.33	+68 12 12.0	8.97		H	84.330 547 01	+68.203 321 15		5.83	−19.67	−9.27	0.66	0.71	1.13	0.83	0.76	−1	+16	−10	+25	+26	+12	+26	+7	+7	+10	0	0.66
26416		05 37 19.75	−16 42 00.3	8.39		H	84.332 294 43	−16.700 085 24		4.74	16.99	10.95	0.83	0.76	1.25	0.95	0.84	−20	+20	−23	+21	−35	−6	−39	+19	−23	−3	0	−0.26
26417		05 37 20.27	+47 56 22.8	7.36		H	84.334 471 50	+47.939 662 47		4.84	−15.13	−10.58	0.96	0.69	0.99	1.11	0.73	+36	+27	−14	+48	+38	−17	+29	+59	−20	+43	2	1.25
26418		05 37 21.63	+07 40 08.2	8.17		H	84.340 138 06	+07.668 942 45		9.13	3.18	−16.38	1.02	0.70	1.20	0.97	0.67	−1	+37	−34	−34	−26	+5	−12	−64	+24	+19	0	0.55
26419		05 37 21.73	+31 19 53.0	8.25		H	84.340 549 48	+31.331 378 20		9.90	22.63	−52.89	1.12	0.69	1.29	1.30	0.76	−6	+46	−25	+1	+19	+1	+9	+39	−8	+17	0	−1.71
26420		05 37 21.77	−38 01 22.4	6.90		H	84.340 709 43	−38.022 893 00		3.07	11.82	14.65	0.45	0.56	0.61	0.47	0.63	−4	+20	−13	+19	−8	+31	−8	−25	−3	−10	1	−0.64
26421		05 37 22.76	+03 32 22.4	9.55		H	84.344 838 78	+03.539 545 66		2.24	6.14	−7.33	1.47	0.73	1.66	1.67	0.76	+9	+41	+15	−19	−26	−3	−33	+6	−34	+8	0	−0.34
26422		05 37 24.48	−76 40 33.0	9.36		H	84.352 006 62	−76.675 828 94		3.89	3.49	−14.04	0.82	0.71	0.83	0.81	0.94	+1	+17	+6	−34	−7	+1	−10	−7	−5	−5	1	0.27
26423		05 37 25.38	−44 36 57.3	9.13		H	84.355 759 05	−44.615 911 46		2.28	−2.13	11.47	0.79	0.84	0.96	0.87	0.99	+4	−8	−25	−20	−11	+30	−5	−19	+15	+0	0	1.44
26424		05 37 26.31	+46 49 17.4	8.02		H	84.359 642 64	+46.821 491 84		4.43	18.76	−31.84	1.03	0.83	1.16	1.13	0.83	+2	+35	−19	+24	+25	−3	+13	+53	−10	+26	0	1.09
26425		05 37 26.49	−75 27 01.4	8.23		H	84.360 365 50	−75.450 392 82		3.56	7.14	31.79	0.62	0.51	0.68	0.69	0.78	−18	+25	+3	+7	−8	+13	−16	−12	−23	−19	0	−0.05
26426		05 37 27.05	+56 29 16.2	7.46		H	84.362 698 72	+56.487 832 62		5.31	−0.11	−7.56	0.78	0.52	0.89	0.90	0.51	+16	+11	+7	−38	+6	+10	+3	−29	+5	+18	0	0.88
26427		05 37 27.36	−05 56 18.2	6.03		H	84.363 983 72	−05.938 385 75		2.40	2.51	−2.18	0.65	0.43	0.83	0.69	0.46	+9	+36	+2	+3	−26	+0	−32	+17	−32	+4	0	1.75
26428		05 37 27.73	−47 12 04.1	7.56		H	84.365 536 16	−47.201 146 96		5.49	−5.24	4.85	0.58	0.59	0.66	0.61	0.73	−10	+24	−19	−15	+0	+0	+4	−14	+18	−7	0	−2.32
26429	H	05 37 29.41	+65 08 30.5	7.84		H	84.372 546 50	+65.141 815 02	*	7.05	−8.41	6.02	0.64	0.60	0.91	0.72	0.65	+3	+27	−18	−7	+15	−22	+13	−2	+9	+7	2	−0.69
26430		05 37 29.47	+44 35 23.2	7.32		H	84.372 783 69	+44.589 788 76		6.04	3.70	−39.99	0.92	0.72	1.06	1.10	0.85	+14	+39	+2	+26	+5	+12	+14	+50	+12	+1	0	−0.03
26431		05 37 30.30	−00 14 25.5	8.35		G	84.376 248 10	−00.240 410 43		1.74	−3.43	−0.90	1.01	0.56	1.16	1.22	0.56	+13	+30	−3	−21	−25	−11	−31	+39	−33	+25	2	−2.13
26432		05 37 30.60	−09 14 21.6	10.04		G	84.377 493 65	−09.239 329 42		2.21	1.24	−0.74	1.10	0.87	1.59	1.21	0.93	−6	+21	−26	−1	−20	−6	−26	+22	−33	+0	2	−1.34
26433		05 37 31.47	−31 03 42.6	7.19		H	84.381 116 84	−31.061 831 04		5.67	20.64	−6.36	0.48	0.60	0.74	0.52	0.76	−14	+25	−19	+24	−6	+30	+0	−21	+9	−10	0	0.42
26434		05 37 32.54	+37 05 12.0	8.01	2	H	84.385 575 79	+37.086 654 80		8.43	−39.18	34.29	1.41	0.78	1.58	1.08	0.76	−41	+72	−43	+2	+17	+8	+16	+3	+3	+15	0	0.09
*26435		05 37 33.00	+16 33 23.9	8.74		H	84.387 515 70	+16.556 645 77		3.05	5.48	−19.85	1.15	0.72	1.21	1.46	0.91	+18	+34	−6	+7	−11	+5	−6	+3	+9	+37	0	0.97
*26436	H	05 37 32.99	−27 35 05.1	8.46		H	84.387 451 56	−27.584 742 08	A	9.44	15.89	0.84	0.94	1.29	1.47	1.02	1.74	−18	+23	−16	−11	+5	−10	−3	−13	−18	+2	0	1.02
26437		05 37 33.53	+74 41 21.1	7.75		H	84.389 725 09	+74.689 206 58		19.96	−25.01	−181.37	0.46	0.55	0.73	0.51	0.63	+4	+4	+4	+6	+8	+12	+8	+9	−1	+4	0	−0.24
26438		05 37 34.41	+19 46 46.3	8.86		H	84.393 392 05	+19.779 526 68		4.77	−1.51	−8.83	1.31	0.87	1.41	1.72	1.03	−3	+15	+13	−2	+36	+18	+28	−6	−17	+17	0	0.12
26439	H	05 37 34.80	−01 25 19.7	7.11		H	84.395 011 36	−01.422 131 20	A	2.51	0.95	−1.06	0.99	0.65	1.10	1.12	0.60	+6	+39	−5	+9	−34	+20	−35	+39	−28	+2	0	0.37
26440		05 37 34.82	−12 41 57.3	8.33		H	84.395 101 37	−12.699 256 52		6.26	−21.28	9.62	0.74	0.62	0.95	0.75	0.60	−3	+8	−17	−5	−34	+4	−31	+14	−12	−21	0	−0.88
26441		05 37 36.58	+23 08 19.9	8.74		H	84.402 418 32	+23.138 874 57		0.26	0.68	−7.01	1.20	0.77	1.26	1.75	0.86	+11	+24	+1	+7	+24	−3	+22	+49	−4	−3	2	1.31
26442		05 37 36.75	−04 56 02.9	7.15	1	G	84.403 135 02	−04.934 131 05		2.34	−0.34	3.37	0.68	0.47	0.88	0.82	0.53	+13	+26	−6	+8	+0	+1	−8	+33	−27	+21	2	−0.58
26443		05 37 36.92	+48 49 43.1	10.70		H	84.403 838 05	+48.828 651 43		1.36	−2.09	−12.27	2.43	1.57	2.56	2.63	1.73	−19	+51	−20	+30	+0	+16	−8	+49	−12	+6	0	0.22
26444		05 37 37.03	+06 06 44.0	7.64		G	84.404 290 72	+06.112 222 56		21.01	93.40	−89.05	1.06	0.67	1.20	1.23	0.71	−15	+16	−17	−34	+9	+30	+15	−43	+0	−3	0	1.02
26445		05 37 37.11	+02 19 04.5	10.36		H	84.404 619 77	+02.317 920 53	B	−0.48	−14.80	−5.79	17.12	9.04	9.40	12.44	5.28	+6	+21	−14	−30	−46	+10	−41	+3	−12	+16	17	0.18
26446		05 37 37.18	−08 12 01.4	7.70		H	84.404 904 33	−08.200 391 97		3.45	−7.05	1.50	0.68	0.51	0.84	0.75	0.57	+17	+31	−1	+18	−8	−3	−12	+27	−19	+19	4	−1.87
26447		05 37 37.69	+15 14 40.8	7.44		H	84.407 025 88	+15.244 658 79		6.43	−3.91	−14.66	1.07	0.69	1.16	1.90	1.03	+23	+33	−27	−22	−8	+2	−6	−23	+13	+57	0	1.85
26448		05 37 38.15	−03 39 17.8	9.81		H	84.408 947 77	−03.654 931 79		0.91	−1.11	1.76	1.23	0.81	1.65	1.26	0.81	+7	+30	−7	+6	−33	+13	−34	+20	−22	+2	3	0.83
26449		05 37 38.20	+23 08 50.9	9.05	2	G	84.409 152 63	+23.147 465 62		2.35	−0.74	−5.06	1.27	0.82	1.33	1.84	0.92	+14	+21	+1	+10	+25	−2	+23	+49	−5	+0	0	1.27
26450		05 37 38.44	+02 19 17.5	8.65		H	84.410 167 44	+02.321 537 99	A	4.08	−9.13	−4.66	3.01	1.70	2.42	3.46	1.49	+9	+21	−7	−30	−47	+2	−41	+6	−11	+16	17	0.18
26451		05 37 38.68	+21 08 33.3	2.97	2	H	84.411 184 47	+21.142 592 99	*	7.82	2.39	−18.04	1.14	0.76	1.02	1.45	1.02	+18	+20	−20	+31	+43	−5	+44	+31	−8	+63	0	1.54
26452		05 37 39.17	+68 44 07.9	9.60		H	84.413 221 15	+68.735 529 05		13.14	245.70	−143.91	0.86	1.08	1.55	1.05	1.18	−7	+20	−12	+16	+15	+22	+16	+16	+2	−10	3	1.59
*26453		05 37 39.61	−28 37 34.6	7.26		G	84.415 045 33	−28.626 285 62		16.80	24.24	−3.92	0.49	0.66	0.82	0.61	0.92	−12	+15	−11	−9	+4	+14	+6	−19	−5	−8	0	0.45
*26454		05 37 39.57	−53 32 07.5	7.42		H	84.414 886 79	−53.535 420 45		6.32	−1.57	21.70	0.55	0.58	0.62	0.68	0.76	+2	−13	−31	−1	−17	+15	−16	+16	+2	+8	0	−0.90
26455	H	05 37 40.19	+58 32 57.2	8.55		H	84.417 476 80	+58.549 226 79	A	6.21	−2.89	−42.44	1.66	1.32	1.82	1.94	1.28	+11	−13	−13	−9	+27	−4	+17	−19	+13	+6	1	0.43
26456		05 37 40.48	−02 26 36.8	8.52		G	84.418 651 87	−02.443 556 60		2.52	−3.28	−3.60	0.89	0.61	1.08	1.07	0.65	+19	+27	+0	+19	−13	−8	−16	+41	−23	+32	0	−0.55
26457		05 37 41.48	−26 43 05.3	7.52		H	84.422 829 41	−26.718 137 81		12.21	−19.83	24.64	0.45	0.64	0.82	0.56	0.86	+0	+15	+7	−4	+4	−1	+4	−8	+5	−17	1	1.57
26458		05 37 42.16	−49 34 50.3	9.19		H	84.425 685 81	−49.580 631 35		5.35	25.40	40.32	0.76	0.83	0.86	0.95	0.96	−7	+6	−2	−13	+0	+9	+0	−28	+17	−20	1	0.75
26459		05 37 44.32	−34 58 18.0	9.35		H	84.434 683 78	−34.971 654 43		5.90	4.45	17.33	0.74	1.04	1.12	0.84	1.25	−8	+10	−34	−12	+0	+15	+7	−38	+22	−7	0	−0.87
26460		05 37 44.64	−28 41 23.3	5.28		H	84.436 012 82	−28.689 793 91		23.54	−37.99	42.58	0.39	0.48	0.62	0.48	0.68	−12	+15	−13	−14	+5	+15	+7	−25	−12	−7	0	−0.48
26461		05 37 44.65	+58 22 07.4	8.99		H	84.436 032 35	+58.368 735 64		0.47	9.08	−13.22	1.09	0.79	1.30	1.30	0.82	+19	−12	−13	−53	−2	+15	−2	−44	+13	+6	0	2.01
26462		05 37 45.63	−54 34 00.9	10.47		H	84.440 127 82	−54.566 911 23	B	30.99	−6.54	84.33	43.91	48.62	24.17	25.38	30.98	−2	+5	−18	−4	−16	+21	−15	−5	+8	+11	2	3.49
26463		05 37 45.80	+33 33 33.0	6.36		H	84.440 813 30	+33.559 155 07		6.54	16.61	4.98	0.86	0.63	0.88	1.12	0.71	+33	+18	−19	+34	+42	−2	+35	+57	−17	+42	3	−0.38
26464		05 37 45.89	−00 46 41.7	7.61	1	G	84.441 211 95	−00.778 253 17		3.07	0.70	−1.81	0.85	0.48	1.00	0.98	0.49	+13	+35	−1	−11	−24	−7	−31	+41	−29	+25	2	−0.43
26465		05 37 47.78	−41 09 47.3	7.96		G	84.449 089 22	−41.163 127 41		7.74	4.29	45.14	0.56	0.70	0.73	0.58	0.84	−10	+9	−5	+3	+0	+11	+1	−25	−11	−4	0	0.21
26466		05 37 48.09	−34 41 22.9	6.57		H	84.450 359 29	−34.689 682 52		3.35	2.00	−4.92	0.43	0.54	0.61	0.48	0.65	−11	+11	−20	−2	−9	+22	−6	−31	+6	−11	0	−1.24
26467		05 37 48.23	+02 44 47.0	9.17		H	84.450 940 52	+02.746 390 68		4.37	−0.69	−2.67	1.40	0.79	1.49	1.88	0.78	+15	+6	−15	−30	−40	+8	−34	+4	−9	+22	0	0.08
26468		05 37 48.28	−54 33 52.1	7.72		H	84.451 154 61	−54.564 470 01	A	9.58	−0.50	99.62	2.03	2.13	1.68	1.87	2.17	−1	+3	−22	−7	−17	+18	−15	−13	+6	+14	2	3.49
26469		05 37 50.10	+03 19 30.8	9.34		H	84.458 732 41	+03.325 216 17		5.32	−14.50	−5.26	1.58	0.91	1.63	2.12	0.96	+20	+0	−14	−43	−35	+29	−29	−29	−2	+19	0	−1.13
26470		05 37 50.10	−54 48 59.4	8.30		H	84.458 744 91	−54.816 495 35		1.08	7.18	18.81	0.68	0.66	0.73	0.74	0.75	−3	−2	−23	+10	−17	+20	−14	−6	+6	+1	1	0.63
26471		05 37 50.25	+00 19 02.3	7.82		H	84.459 359 70	+00.317 317 92		10.77	13.49	−3.06	0.97	0.47	1.14	1.07	0.50	+5	+49	−3	−17	−23	−5	−39	+34	−42	+19	4	0.90
26472		05 37 50.45	+02 44 21.6	10.09		H	84.460 214 02	+02.739 336 95		3.36	6.32	0.89	2.10	1.17	2.21	2.81	1.15	+18	+5	−15	−34	−42	+9	−36	+2	−9	+23	0	1.34
26473		05 37 50.69	−28 56 14.5	7.43		H	84.461 212 49	−28.937 370 29		2.38	4.68	7.38	0.53	0.72	0.89	0.65	0.86	−22	+18	−31	−6	+7	+7	+9	−29	−2	−17	0	0.07
26474		05 37 52.13	+71 39 16.1	6.62		H	84.467 214 67	+71.654 474 38		3.74	6.40	−41.53	0.34	0.46	0.64	0.38	0.51	−4	+17	−14	−3	+7	+13	+10	+1	+10	+11	0	−0.47
26475		05 37 53.31	+15 54 57.1	8.31		G	84.472 105 41	+15.915 869 81		7.87	15.77	9.82	1.22	0.78	1.44	1.70	0.98	+10	+43	−40	−1	−26	+18	−7	−24	+20	+55	0	0.36
*26476	H	05 37 53.45	+00 58 07.0	7.47		H	84.472 724 59	+00.968 613 77	A	2.03	0.90	−1.63	1.53	0.76	1.44	1.35	0.62	−2	+43	−11	−25	−30	+21	−46	+31	−42	+6	3	−0.32
*26477		05 37 53.39	−04 48 50.5	6.16		H	84.472 445 52	−04.814 036 16		2.91	−2.46	0.87	0.64	0.44	0.83	0.80	0.50	+21	+20	−8	+0	−10	+8	−14	+25	−25	+30	2	−1.15
26478		05 37 53.65	−39 48 08.5	8.24		H	84.473 546 31	−39.802 373 05		14.00	44.26	53.14	0.59	0.77	0.81	0.61	0.92	−3	−7	−22	−9	−7	+11	−6	−26	+12	−2	0	−1.29
26479		05 37 55.25	−35 11 57.7	9.15		H	84.480 225 84	−35.199 370 94		2.35	5.72	−21.82	0.73	0.94	1.00	0.86	1.15	−12	+10	−21	−6	+0	+10	+0	−39	+0	−16	0	0.12
26480		05 37 55.59	+07 14 55.5	9.09		H	84.481 627 87	+07.248 762 77		8.66	−5.83	−9.64	1.38	0.91	1.61	1.27	0.90	−10	+48	−29	−30	−11	+0	+1	−59	+18	+12	0	−0.11
26481		05 37 56.25	+00 59 14.7	8.03		H	84.484 385 97	+00.987 423 39		3.07	−0.83	−0.94	1.19	0.52	1.32	1.29	0.55	+1	+52	−16	−23	−34	+5	−46	+31	−47	+10	0	−0.26
26482		05 37 57.49	+35 36 15.1	7.24		H	84.489 527 82	+35.604 188 04		5.79	−20.55	−14.92	0.98	0.66	1.11	1.07	0.72	−7	+47	−33	+30	+13	+4	+4	+50	−17	+14	0	1.70
26483	H	05 37 57.84	−61 29 35.4	8.30		H	84.491 005 20	−61.493 157 84	A	2.09	4.48	34.92	1.64	1.79	1.51	1.82	2.38	−6	−4	+2	−15	−7	−3	−1	+3	+19	−48	1	0.42
26484		05 37 58.46	+22 27 54.8	8.99		H	84.493 599 42	+22.465 226 31		0.84	−9.05	−4.64	1.25	0.78	1.36	1.71	1.05	−8	+26	−7	+5	+10	−9	+9	+10	+5	+13	0	−0.21
26485		05 38 00.72	+59 21 52.0	7.95		H	84.502 987 72	+59.364 453 21		3.84	−9.69	−10.15	0.71	0.60	0.97	0.76	0.59	+12	+18	−5	−9	+23	−7	+19	+1	−6	+13	0	−0.35
26486		05 38 00.96	+78 21 33.1	7.73		H	84.503 999 75	+78.359 187 78		14.51	69.16	−259.55	0.52	0.60	0.76	0.56	0.65	+4	+31	−17	+5	+11	+5	+7	+11	−9	+28	0	−1.95
26487		05 38 01.11	+07 32 29.2	5.87		H	84.504 634 93	+07.541 455 41		5.86	11.39	−14.74	0.80	0.53	0.98	0.74	0.53	−14	+51	−36	−19	−14	+2	+3	−53	+23	+15	0	−0.45
26488		05 38 01.79	−42 57 50.9	7.43		G	84.507 454 43	−42.964 151 50		16.42	109.76	274.41	0.54	0.63	0.66	0.57	0.85	−3	+14	−20	−25	+4	−3	+4	−11	−3	+2	1	1.69
26489		05 38 02.17	−64 54 33.7	9.42		G	84.509 049 26	−64.909 356 99		3.23	2.45	2.43	0.80	0.86	0.89	0.94	1.15	−6	+5	+10	+2	+2	−25	+4	−3	+8	−27	0	1.49
26490		05 38 03.75	+46 12 32.3	8.44		H	84.515 614 35	+46.208 963 30		2.74	7.37	−18.51	1.04	0.84	1.09	1.12	0.86	+25	+26	−18	+46	+40	−5	+32	+59	−17	+38	0	−1.65
26491		05 38 03.95	+44 34 55.0	9.13		H	84.516 476 89	+44.581 939 44		5.72	10.17	3.85	1.20	1.02	1.35	1.56	1.29	+23	+19	−25	+31	+28	−5	+28	+53	−8	+19	0	0.07
26492		05 38 05.38	+06 32 04.3	10.90		H	84.522 403 28	+06.534 518 31		0.26	−2.14	−1.10	2.39	1.58	2.81	2.78	1.67	−37	+49	−38	−20	+10	+0	+19	−57	+23	−29	0	1.69
26493		05 38 05.45	−14 45 22.2	8.33		H	84.522 704 87	−14.756 166 81		5.64	−18.47	5.67	0.86	0.78	1.14	0.87	0.85	−14	+26	−15	+19	−37	+5	−41	+34	−27	−14	0	0.21
26494	H	05 38 06.52	−00 11 03.5	7.46		G	84.527 150 99	−00.184 298 95	A	4.40	−2.08	1.98	2.12	1.09	1.82	1.97	0.96	+30	+20	−6	−11	−24	−3	−22	+19	−33	+14	3	0.70
26495		05 38 06.91	−27 12 38.7	6.53		H	84.528 778 05	−27.210 747 37		1.39	−3.86	−0.59	0.40	0.53	0.67	0.51	0.72	−10	+7	−14	−11	+10	+8	+12	−14	−6	−4	1	−0.43
26496		05 38 07.17	−41 39 03.6	8.71		H	84.529 888 08	−41.651 003 98		7.73	36.59	39.58	0.69	0.89	0.90	0.71	1.08	−4	+5	−1	−5	+4	+15	+6	−20	−4	−1	0	−1.03
26497		05 38 07.66	−07 45 13.7	9.62		H	84.531 906 63	−07.753 803 91		3.54	1.14	−1.74	1.03	0.77	1.34	1.17	0.85	+6	+28	−5	+4	−22	−7	−25	+13	−18	+12	2	−0.74
26498		05 38 08.84	+59 49 32.2	9.19	2	H	84.536 850 10	+59.825 608 81		1.96	8.91	−14.82	1.02	0.87	1.36	1.17	0.86	−2	+25	−23	−26	+20	−21	+14	−7	+6	+4	2	2.23
26499		05 38 08.96	−47 42 51.6	7.62		H	84.537 313 70	−47.714 321 11		3.28	13.21	13.13	0.73	0.86	0.75	0.84	1.25	−32	+40	−29	−29	+33	−19	+32	−60	+31	−45	1	1.09
26500		05 38 09.23	−00 10 55.8	8.56		H	84.538 457 05	−00.182 162 02	D	−0.62	−7.25	−0.09	4.67	2.20	3.65	6.11	2.06	+24	+28	−5	−39	−22	+0	−30	+8	−28	+38	16	1.61

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
26401	10.024	0.032	9.200	0.025	*	0.727	0.031	T	0.78	0.02	L *	9.4368	0.0041	0.034	115	*	9.36	9.48		U 2	05372−4243	I 1	2 C A	AB	116	3.939	0.007	1.11	0.03	
26402	7.804	0.008	7.795	0.011	*	0.013	0.013	T	0.03	0.01	L *	7.7558	0.0017	0.012	77	*	7.74	7.77		D	05372+0446	I 1	2 C A	AB	178	0.562	0.003	1.04	0.02	S
26403	10.447	0.044	10.157	0.050		0.276	0.062	T	0.31	0.08	L	10.1772	0.0459	0.509	92		9.70	12.19		U 2 C			1 S							G P
26404	8.201	0.007	7.740	0.006		0.448	0.007	T	0.52	0.01	L	7.7807	0.0011	0.014	206		7.76	7.81			05372−2424	I 1	1							S
26405	7.745	0.007	7.864	0.010		−0.102	0.010	G	−0.09	0.01	H	7.8576	0.0013	0.014	120		7.84	7.88					1							S
26406	9.248	0.017	9.172	0.022		0.075	0.026	T	0.09	0.03	L	9.2105	0.0027	0.018	83		9.19	9.24		C			1							
26407	7.133	0.005	7.144	0.007		−0.001	0.002	G	0.02	0.00	H	7.1535	0.0007	0.008	125		7.14	7.17		C			1							S
26408	6.162	0.004	6.165	0.004	A	0.006	0.007	G	0.01	0.00	L *	6.1524	0.0007	0.006	115	*	6.14	6.16		D	05373+6409	I 1	2 C A	AB	56	1.523	0.017	3.57	0.08	S
26409	9.147	0.021	8.810	0.022		0.290	0.015	G	0.33	0.02	H	8.8915	0.0021	0.013	67		8.87	8.92					1							
26410	6.518	0.002	6.273	0.002	*	0.231	0.002	G	0.26	0.00	H *	6.3116	0.0006	0.007	253	*	6.30	6.32		D	05373+6642	I 1	2 C S A	AB	175	0.180	0.004	0.98	0.10	S
26411	9.828	0.033	9.441	0.035		0.366	0.045	T	0.43	0.05	L	9.4715	0.0037	0.016	56		9.44	9.50		C			1							
26412	6.520	0.004	6.181	0.004		0.322	0.005	T	0.37	0.01	L	6.2245	0.0008	0.007	138		6.21	6.24		C			1 G							S
26413	8.496	0.020	7.374	0.009	*	1.200	0.015	G	1.16	0.01	H *	7.3911	0.0016	0.011	62	*	7.37	7.41		C	05373+4404	M 1	2 C S B	AS	217	0.094	0.015	0.95	1.00	S
26414	5.892	0.003	6.087	0.003		−0.170	0.004	T	−0.18	0.01	L	6.0523	0.0005	0.005	122		6.04	6.07		C			1							S
26415	9.370	0.013	9.009	0.014		0.342	0.018	T	0.40	0.02	L	9.0518	0.0020	0.020	166		9.01	9.08					1							
26416	9.873	0.023	8.504	0.013		1.159	0.021	T	1.12	0.02	L	8.5514	0.0019	0.019	108		8.51	8.59					1							
26417	8.672	0.018	7.462	0.012		1.035	0.017	T	1.01	0.01	L	7.5286	0.0010	0.008	61		7.51	7.54		D			1							S
26418	8.460	0.009	8.181	0.010		0.265	0.013	T	0.30	0.02	L	8.2392	0.0012	0.012	107		8.22	8.26		C			1							
26419	8.720	0.013	8.284	0.013		0.437	0.007	G	0.51	0.01	H	8.3483	0.0013	0.013	73		8.33	8.37		C			1							
26420	8.618	0.009	7.041	0.005		1.322	0.008	T	1.28	0.01	L	7.0578	0.0011	0.010	132		7.04	7.08					1							S
26421	9.605	0.026	9.606	0.037		0.004	0.042	T	0.02	0.04	L	9.5576	0.0023	0.018	89		9.53	9.59		C			1							
26422	9.824	0.020	9.394	0.021		0.420	0.023	T	0.49	0.02	L	9.4551	0.0028	0.022	112		9.41	9.49					1							
26423	11.036	0.056	9.226	0.021		1.507	0.047	T	1.54	0.07	L	9.2599	0.0022	0.020	107		9.22	9.29					1							
26424	9.364	0.022	8.113	0.014		1.067	0.020	T	1.03	0.02	L	8.1920	0.0019	0.014	58		8.17	8.21		C			1							
26425	9.235	0.015	8.330	0.012		0.804	0.014	T	0.83	0.01	L	8.3785	0.0013	0.012	97		8.36	8.40					1							S
26426	8.688	0.009	7.569	0.006		0.980	0.015	G	0.96	0.01	H	7.6255	0.0011	0.012	150		7.61	7.65		C			1							S
26427	5.750	0.003	5.992	0.004		−0.210	0.004	T	−0.22	0.01	L	5.9561	0.0008	0.007	88		5.95	5.97		C			1							S
26428	8.826	0.011	7.664	0.007		0.997	0.010	T	0.98	0.01	L	7.7258	0.0010	0.010	116		7.71	7.75					1							
26429	8.093	0.008	7.872	0.009	*	0.211	0.011	T	0.23	0.01	L *	7.9084	0.0015	0.014	119	*	7.89	7.94			05375+6509	H 1	2 C S A	AB	301	0.157	0.017	1.36	0.51	S
26430	8.537	0.014	7.417	0.010		0.965	0.013	T	0.95	0.01	L	7.4876	0.0018	0.011	63		7.47	7.51					1							S
26431	8.236	0.009	8.336	0.012		−0.079	0.002	G	−0.06	0.00	H	8.3206	0.0010	0.011	125		8.30	8.34		C			1							
26432	10.314	0.034	10.044	0.040		0.206	0.015	G	0.23	0.02	H	10.1057	0.0017	0.018	98		10.07	10.14					1							G
26433	8.644	0.010	7.316	0.006		1.127	0.009	T	1.09	0.01	L	7.3596	0.0011	0.011	127		7.34	7.39		C			1							S
26434	8.728	0.018	8.121	0.016		0.566	0.021	T	0.64	0.02	L	8.1377	0.0037	0.066	49		8.11	8.49		U 2 C			1							P
26435	8.850	0.017	8.762	0.020		0.086	0.024	T	0.10	0.03	L	8.7739	0.0015	0.013	60		8.76	8.81		C			1							
26436	8.938	0.011	8.498	0.011	A	0.500	0.495	G	0.48	0.03	L *	8.5506	0.0019	0.019	141	*	8.52	8.58			05375−2735	I 1	2 C A	AB	100	1.030	0.030	3.43	0.17	
26437	8.480	0.008	7.814	0.007		0.617	0.009	T	0.69	0.01	L	7.8844	0.0011	0.014	183		7.86	7.91		C			1							S
26438	9.015	0.022	8.866	0.027		0.120	0.020	G	0.13	0.02	H	8.9053	0.0023	0.013	49		8.89	8.93		C			1							
26439	7.025	0.006	7.136	0.007	*	−0.095	0.008	T	−0.08	0.01	L *	7.0823	0.0007	0.007	115	*	7.07	7.09		D	05376−0125	I 1	2 C A	AB	14	0.756	0.002	1.62	0.01	S
26440	8.601	0.012	8.346	0.013		0.239	0.018	T	0.27	0.02	L	8.3996	0.0015	0.011	83		8.38	8.43		C			1							
26441	8.683	0.021	8.758	0.028		0.052	0.015	G	0.06	0.01	H	8.7591	0.0025	0.015	58		8.73	8.79					1							
26442	6.951	0.005	7.149	0.006		−0.161	0.002	G	−0.15	0.02	A	7.1064	0.0026	0.020	92		7.06	7.13	2.44	P 1 A			1							S
26443											T	10.8668	0.0041	0.031	60		10.82	10.92		D			1							G
26444	8.314	0.010	7.705	0.009		0.578	0.015	G	0.65	0.01	H	7.7626	0.0010	0.011	86		7.74	7.78		C			1							S
26445	10.354	0.039	10.121	0.052	B	0.222	0.061	T	0.24	0.07	L	10.1304	0.0383			B				D	05376+0220	I 2	1 C I A							
26446	7.934	0.008	7.725	0.009		0.200	0.011	T	0.22	0.01	L	7.7683	0.0011	0.010	112		7.75	7.79		C			1							S
26447	8.785	0.018	7.565	0.012		1.043	0.017	T	1.01	0.01	L	7.6123	0.0014	0.008	44		7.60	7.62		C			1							S
26448	9.839	0.023	9.823	0.033		0.069	0.004	G	0.08	0.00	H	9.8376	0.0024	0.025	104		9.80	9.87		C			1							G
26449	8.951	0.023	8.898	0.029		0.127	0.015	G	0.14	0.01	H	9.0313	0.0122	0.076	58		8.88	9.07		U 2 C			1							P
26450	8.881	0.040	8.723	0.048	A	0.152	0.058	T	0.17	0.06	L	8.6984	0.0155	0.055	106	A	8.59	8.76		D	05376+0220	I 2	1 C P A							
26451	2.802	0.007	2.972	0.008		−0.148	0.009	T	−0.15	0.01	L	2.9184	0.0118	0.055	51		2.85	2.98		U 2 C			1 V							S P
26452	10.202	0.023	9.654	0.022		0.513	0.028	T	0.59	0.03	L	9.7071	0.0027	0.030	164		9.65	9.75					1							
26453	7.725	0.008	7.293	0.009		0.404	0.008	G	0.47	0.01	H	7.3562	0.0012	0.012	134		7.33	7.38					1							S
26454	7.565	0.007	7.421	0.007		0.131	0.009	T	0.15	0.01	L	7.4653	0.0012	0.011	95		7.45	7.49					1							S
26455	9.152	0.014	8.633	0.014	A	0.100	0.495	G	0.52	0.05	L *	8.6539	0.0020	0.018	106	*	8.63	8.70		D	05377+5833	I 1	2 C A	AB	131	4.199	0.022	3.00	0.15	
26456	8.619	0.016	8.510	0.019		0.062	0.001	G	0.07	0.00	H	8.5478	0.0015	0.014	126		8.52	8.57		C			1							
26457	7.924	0.007	7.555	0.007		0.360	0.009	T	0.42	0.01	L	7.6005	0.0010	0.013	156		7.58	7.63		C			1							S
26458	9.810	0.022	9.278	0.021		0.507	0.023	T	0.58	0.02	L	9.3062	0.0025	0.019	92		9.27	9.34		C			1							
26459	10.099	0.024	9.381	0.020		0.646	0.024	T	0.71	0.02	L	9.4849	0.0026	0.022	120		9.45	9.53		C			1							
26460	5.844	0.003	5.332	0.003		0.486	0.012	G	0.54	0.02	A	5.3864	0.0007	0.006	139		5.38	5.40		C			1							S
26461	10.470	0.035	9.118	0.020		1.146	0.032	T	1.11	0.03	L	9.1561	0.0015	0.016	94		9.13	9.19					1							
26462	10.816	0.054	10.021	0.041	B	0.721	0.052	T	0.77	0.04	L	10.4109	0.2367			B				D	05378−5434	I 2	1 C I D							D
26463	8.063	0.013	6.496	0.005		1.306	0.015	G	1.27	0.02	H	6.5157	0.0010	0.007	67		6.50	6.53		C			1							S
26464	7.443	0.007	7.582	0.010		−0.125	0.005	G	−0.11	0.01	H	7.5698	0.0028	0.029	123		7.54	7.62	0.71	P 1 A			1							S
26465	8.583	0.011	8.002	0.010		0.546	0.015	G	0.62	0.01	H	8.0765	0.0015	0.014	111		8.05	8.10					1							S
26466	8.223	0.009	6.714	0.004		1.269	0.008	T	1.23	0.01	L	6.7338	0.0009	0.009	134		6.72	6.75					1							S
26467	9.520	0.021	9.170	0.023		0.332	0.029	T	0.39	0.04	L	9.2501	0.0021	0.023	99		9.22	9.28		C			1							
26468	8.652	0.013	7.800	0.010	A	0.764	0.012	T	0.80	0.01	L	7.8629	0.0304	0.014	95	A	7.84	7.88		D	05378−5434	I 2	1 C P D							S D
26469	9.758	0.027	9.351	0.028		0.385	0.036	T	0.45	0.04	L	9.4219	0.0029	0.021	74		9.38	9.45		C			1							
26470	9.665	0.023	8.418	0.014		1.064	0.021	T	1.03	0.02	L	8.4662	0.0015	0.011	97		8.45	8.49		C			1							
26471	8.180	0.008	7.851	0.008		0.300	0.015	G	0.34	0.02	H	7.8926	0.0012	0.012	118		7.87	7.91					1							S
26472	10.587	0.048	10.083	0.048		0.474	0.062	T	0.55	0.07	L	10.1928	0.0048	0.030	102		10.15	10.25					1							G
26473	8.989	0.012	7.547	0.007		1.216	0.011	T	1.18	0.01	L	7.5897	0.0013	0.014	132		7.57	7.61					1							S
26474	7.719	0.005	6.722	0.004		0.872	0.005	T	0.88	0.00	L	6.7821	0.0006	0.008	229		6.77	6.80		C			1							S
26475	8.890	0.015	8.375	0.015		0.541	0.015	G	0.61	0.02	H	8.4204	0.0019	0.009	60		8.40	8.44					1							
26476	7.359	0.006	7.454	0.008	*	−0.081	0.009	T	−0.06	0.01	L *	7.4505	0.0009	0.008	96	*	7.43	7.47		C	05379+0059	I 2	2 C A	AD	168	0.409	0.016	3.54	0.07	S
26477	6.119	0.003	6.179	0.004		−0.029	0.029	G	0.05	0.03	C	6.1770	0.0008	0.006	92		6.17	6.19		C			1							S
26478	8.896	0.011	8.312	0.010		0.547	0.011	T	0.62	0.01	L	8.3639	0.0016	0.014	113		8.34	8.39		C			1							S
26479	11.014	0.046	9.326	0.019		1.410	0.039	T	1.39	0.05	L	9.2849	0.0020	0.019	118		9.26	9.32		C			1							
26480	9.646	0.020	9.114	0.020		0.499	0.025	T	0.57	0.03	L	9.2006	0.0024	0.016	93		9.17	9.22			05379+0715	I 1	1							
26481	7.850	0.008	8.000	0.012		−0.130	0.010	G	−0.12	0.01	H	7.9875	0.0021	0.017	97		7.96	8.01			05379+0059	I 2	1							S
26482	8.595	0.014	7.349	0.009		1.063	0.013	T	1.03	0.01	L	7.4059	0.0011	0.009	67		7.39	7.43		C			1							S
26483	9.975	0.026	8.635	0.016	*	1.136	0.024	T	1.10	0.03	L *	8.4654	0.0017	0.013	97	*	8.44	8.49		D	05380−6130	I 1	2 C A	AB	56	1.049	0.004	0.10	0.02	
26484	9.191	0.028	9.019	0.033		0.165	0.041	T	0.18	0.04	L	9.0443	0.0022	0.012	45		9.02	9.06		C			1							
26485	8.044	0.009	7.955	0.011		0.087	0.013	T	0.10	0.01	L	7.9904	0.0014	0.015	114		7.96	8.02					1							S
26486	8.279	0.009	7.780	0.007		0.480	0.009	T	0.55	0.01	L	7.8365	0.0014	0.012	143		7.82	7.86		C			1							S
26487	5.780	0.004	5.852	0.003		−0.061	0.005	T	−0.04	0.01	L	5.8523	0.0006	0.006	98		5.84	5.86		C			1							S
26488	8.162	0.009	7.504	0.007		0.600	0.006	G	0.68	0.01	A	7.5577	0.0010	0.010	118		7.54	7.58		C			1							S
26489	9.727	0.020	9.477	0.024		0.256	0.004	G	0.29	0.01	H	9.4921	0.0023	0.020	96		9.47	9.54					1							
26490	8.732	0.014	8.451	0.016		0.267	0.020	T	0.30	0.03	L	8.5183	0.0016	0.010	67		8.50	8.54		C			1							
26491	9.406	0.023	9.126	0.026		0.264	0.036	T	0.30	0.04	L	9.1994	0.0021	0.016	66		9.17	9.23		C			1							
26492	11.041	0.065	10.909	0.091		0.127	0.105	T	0.14	0.11	L	10.9416	0.0055	0.035	84		10.88	10.99		C			1							G
26493	9.610	0.018	8.444	0.012		1.000	0.017	T	0.98	0.01	L	8.4955	0.0014	0.018	93		8.46	8.53					1							
26494	7.746	0.032	7.783	0.035	A	−0.028	0.017	G	−0.01	0.02	H *	7.4445	0.0011	0.009	118	*	7.43	7.46		D	05381−0011	I 2	2 C A	AB	240	1.524	0.004	0.40	0.01	S
26495	8.591	0.014	6.696	0.007		1.574	0.012	T	1.59	0.01	L	6.6524	0.0008	0.009	156		6.64	6.67					1							S
26496	9.838	0.022	8.813	0.015		0.893	0.020	T	0.90	0.01	L	8.8697	0.0017	0.017	101		8.85	8.90		C			1							
26497	9.852	0.023	9.688	0.029		0.223	0.012	G	0.25	0.01	H	9.6894	0.0022	0.020	95		9.66	9.72		C			1							
26498	10.671	0.040	9.310	0.021		1.153	0.035	T	1.12	0.03	L	9.3581	0.0020	0.019	108		9.32	9.40		U	05381+5950	I 1	1							
26499	8.998	0.013	7.733	0.008		1.078	0.012	T	1.04	0.01	L	7.7932	0.0013	0.013	106		7.77	7.81		C			1 G							S
26500	8.621	0.017	8.484	0.020	D	0.135	0.002	G	0.15	0.00	H	8.6082	0.0213	0.111	119	D	8.51	8.91		D	05381−0011	I 2	2 C A	DC	118	11.413	0.010	0.29	0.04	

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
26501	H	05 38 09.50	−46 06 17.7	7.33		G	84.539 568 79	−46.104 906 64	A	39.59	−126.90	−465.04	1.00	0.99	0.94	0.95	0.95	+12	+12	−18	+19	−20	+29	−15	−25	+15	+18	2	0.52
26502		05 38 10.78	−60 03 32.8	8.64		G	84.544 910 62	−60.059 118 55		3.32	−6.67	−7.36	0.63	0.71	0.69	0.70	0.92	−7	+4	+14	+17	−11	−8	−10	+16	+3	−20	0	−1.40
26503		05 38 12.14	+50 31 56.5	8.08		G	84.550 574 72	+50.532 368 71		7.06	−3.21	−43.04	1.04	0.75	1.07	1.28	0.88	+36	+13	−17	+51	+47	−17	+37	+55	−32	+45	0	1.18
26504		05 38 12.35	−18 42 48.2	8.62		H	84.551 437 80	−18.713 392 82		5.04	−17.87	7.54	0.68	0.74	1.19	1.14	0.98	+15	+0	−20	−12	−10	+4	−10	+9	+8	+27	5	1.95
26505		05 38 12.38	+51 26 43.7	7.74		G	84.551 565 64	+51.445 482 89		48.72	−549.43	105.81	0.88	0.64	1.00	1.00	0.72	+12	+38	+3	+20	+8	−15	+9	+36	+1	−5	0	1.60
26506		05 38 12.86	+35 58 38.1	9.61		H	84.553 572 06	+35.977 255 69		6.53	−45.53	−8.48	1.48	1.00	1.71	1.69	1.12	+4	+41	−20	+25	+5	+10	+0	+37	−17	+12	0	0.05
26507		05 38 13.05	−44 05 25.1	9.09		H	84.554 391 05	−44.090 295 65		5.42	36.34	22.99	0.70	0.88	0.87	0.88	1.24	−1	−3	−16	−16	+5	−2	+8	−35	−7	+5	0	0.93
26508		05 38 13.74	−01 10 09.0	6.84	1	G	84.557 230 40	−01.169 173 13		2.08	0.09	−1.32	0.66	0.41	0.80	0.79	0.42	+5	+23	−6	+7	−22	+12	−24	+44	−24	+14	1	3.74
26509		05 38 14.09	−39 19 23.1	8.45		H	84.558 703 46	−39.323 091 19		3.25	6.06	32.90	0.61	0.75	0.80	0.64	0.87	+1	−2	+9	−1	−12	+7	−17	−17	+6	−14	0	−1.31
26510		05 38 15.28	−04 06 29.5	6.86		H	84.563 686 26	−04.108 187 70		10.02	16.47	−18.68	0.66	0.43	0.83	0.68	0.43	+3	+34	−13	+0	−28	+14	−31	+25	−23	+5	0	0.13
26511		05 38 16.13	−14 20 28.5	8.31		G	84.567 202 39	−14.341 241 16		12.17	14.08	−34.92	0.89	0.75	1.22	0.92	0.79	+4	+27	−11	+6	−35	+4	−36	+23	−31	−8	2	−0.22
26512		05 38 16.15	+01 59 16.2	7.41		H	84.567 281 70	+01.987 846 23		2.56	−7.21	2.13	0.88	0.48	0.92	1.08	0.49	+22	+33	−13	−39	−35	−3	−36	−7	−17	+31	2	−1.22
26513		05 38 16.21	+04 56 02.3	7.93		H	84.567 544 97	+04.933 976 02		1.64	−3.82	−6.90	0.99	0.65	1.13	0.99	0.68	−27	+49	−21	−18	+19	−17	+19	−37	+6	−8	2	−0.26
26514		05 38 16.40	−59 06 59.7	7.04		G	84.568 324 11	−59.116 585 02		4.07	−0.44	10.01	0.51	0.51	0.53	0.60	0.68	−14	+6	−11	−4	+1	−4	+2	−2	+8	−24	0	1.05
26515		05 38 17.42	−50 38 27.7	6.43		H	84.572 587 18	−50.641 041 42		6.25	−0.72	19.10	0.43	0.48	0.49	0.46	0.57	−2	+9	−5	+5	−2	+1	−2	−4	−1	+2	0	−0.09
26516		05 38 17.82	−42 36 34.0	9.67		H	84.574 241 38	−42.609 450 20		0.86	−7.84	6.24	0.76	0.94	0.95	0.86	1.26	−7	+10	−13	−19	+3	−8	+2	−19	+2	−1	1	−0.19
26517		05 38 20.63	+69 23 57.9	8.45	2	H	84.585 954 14	+69.399 413 60		−0.32	−1.82	−7.79	0.53	0.77	1.10	0.57	0.86	−6	+9	+9	−23	+16	+10	+16	+8	+3	−7	1	0.62
26518		05 38 21.74	+08 29 14.4	6.72		H	84.590 569 15	+08.487 325 01		6.36	−1.12	−6.33	0.80	0.52	0.98	0.86	0.54	−5	+44	−27	−10	−16	+12	−11	−53	+9	−5	0	0.80
26519	H	05 38 22.18	+51 05 23.0	8.92		G	84.592 428 43	+51.089 713 83	A	1.83	−0.25	−3.61	2.81	1.87	2.16	2.69	1.72	+0	+2	−13	+22	+10	−13	+4	+31	−26	+9	0	−0.34
26520	H	05 38 23.65	+18 08 10.7	9.33		H	84.598 524 72	+18.136 307 71	A	5.41	3.94	−39.00	2.60	1.83	2.52	3.02	1.82	−5	+42	−15	−2	+22	+1	+28	−13	+2	+7	1	0.16
26521		05 38 25.76	−54 57 15.0	7.15		H	84.607 336 34	−54.954 159 77		1.81	−16.63	−6.26	0.53	0.54	0.57	0.55	0.59	−13	+7	−20	+7	−11	+12	−9	−3	+7	−11	1	−0.36
26522		05 38 26.29	+04 14 43.2	9.94		H	84.609 548 67	+04.245 333 10		0.66	−5.33	0.58	1.65	1.13	1.89	1.91	1.23	−10	+38	−13	−17	+0	−14	−1	−43	+4	−11	0	1.23
26523		05 38 26.49	−61 10 01.5	8.08		G	84.610 355 48	−61.167 077 32		4.06	−4.01	31.08	0.60	0.62	0.64	0.66	0.84	−1	+15	+7	+6	−11	+9	−18	−10	−19	−15	2	1.37
26524		05 38 27.02	−05 02 40.7	7.64		G	84.612 581 20	−05.044 651 89		4.26	−0.97	−12.90	0.75	0.51	0.99	0.85	0.56	+18	+29	−1	−9	−21	+4	−26	+23	−32	+16	2	−0.22
26525		05 38 28.44	+24 59 31.6	9.56		H	84.618 491 18	+24.992 099 74		12.55	−3.73	−43.48	1.49	0.88	1.65	1.79	0.91	−12	+37	−12	−4	+34	+18	+13	+48	−18	+10	0	−0.87
26526	H	05 38 31.33	−00 08 52.0	8.61		G	84.630 559 14	−00.147 785 50	A	1.74	−1.15	−0.65	1.57	0.90	1.64	1.83	0.84	+8	+15	−15	−19	−28	+8	−27	+27	−23	+9	3	0.39
26527		05 38 31.82	+33 17 11.5	9.70		G	84.632 595 61	+33.286 533 54		6.39	1.34	−4.64	1.44	1.00	1.67	2.00	1.10	+3	+16	−18	+17	+11	+19	+8	+48	−5	+17	0	0.05
26528		05 38 33.19	−28 50 11.7	7.97		G	84.638 289 19	−28.836 583 12		9.52	−21.90	34.73	0.55	0.76	0.97	0.67	0.91	−14	+19	−29	−5	+4	+7	+7	−15	+4	−9	0	−1.01
26529		05 38 33.60	+49 58 58.5	8.50		H	84.640 015 45	+49.982 904 82		3.62	6.89	−29.84	1.14	0.79	1.12	1.29	0.90	+37	+37	−1	+41	+37	−1	+31	+49	−7	+50	0	1.01
26530		05 38 34.73	−06 09 49.9	8.23		H	84.644 689 42	−06.163 874 12		3.77	2.89	−3.83	0.80	0.57	1.07	0.83	0.61	+4	+31	+3	−6	−30	−4	−32	+18	−28	−9	0	1.72
26531		05 38 36.47	−41 17 47.2	7.93		G	84.651 977 74	−41.296 450 70	A	11.74	−5.65	−18.95	1.42	1.79	1.42	1.33	1.96	+2	+5	−8	+3	−11	+16	−12	−20	+2	+2	3	2.28
26532		05 38 37.11	−52 02 15.7	8.83		H	84.654 611 81	−52.037 689 07		1.35	−6.52	26.16	0.72	0.73	0.78	0.82	0.90	+0	+5	−12	+9	−5	−1	−6	−9	+3	−5	1	−0.31
26533		05 38 37.46	−41 17 58.6	9.54		H	84.656 093 88	−41.299 620 77	B	19.14	−5.27	−20.79	10.85	14.41	6.27	5.82	8.51	+1	+8	−10	+2	−11	+17	−10	−21	+9	+1	3	2.28
26534		05 38 37.80	−16 55 08.5	7.59		H	84.657 508 50	−16.919 038 80		17.88	106.17	−102.82	0.67	0.65	0.98	0.76	0.72	−33	+26	+2	+35	−44	−7	−45	+31	−22	−16	0	−0.62
26535		05 38 37.97	−06 34 26.2	5.96		H	84.658 219 79	−06.573 957 68		2.08	0.39	−0.42	0.62	0.42	0.75	0.66	0.46	+3	+36	−10	−9	−28	+0	−32	+20	−28	−1	5	0.84
26536	H	05 38 38.10	+30 29 32.8	5.40		G	84.658 748 22	+30.492 441 47	*	7.29	−21.15	−11.98	1.43	5.16	0.96	0.97	0.64	+15	+7	+0	+4	+8	+1	+17	+18	−12	+21	7	−0.92
26537		05 38 38.35	+39 56 25.1	8.79		H	84.659 783 84	+39.940 310 92		2.97	−1.28	−9.21	1.05	0.75	1.11	1.15	0.82	−19	+30	−10	+5	+32	+1	+26	+10	−8	−2	0	−0.06
26538		05 38 38.61	+32 40 32.6	7.98		H	84.660 876 38	+32.675 729 47		4.23	3.11	−9.34	1.07	0.69	1.19	1.22	0.72	−2	+34	−21	+23	+16	+7	+9	+46	−7	+23	0	−0.28
26539	H	05 38 38.81	+20 02 06.5	9.34		H	84.661 727 57	+20.035 126 94	A	5.43	0.23	−30.14	4.08	2.56	3.81	4.74	2.98	−10	+22	−9	−3	+15	+2	+2	+5	+7	−3	9	1.07
26540		05 38 39.29	−58 16 11.8	8.48		H	84.663 690 85	−58.269 938 32		2.78	41.16	28.00	0.74	0.78	0.81	0.83	1.02	+2	−9	+0	−10	−17	−18	−21	−10	+20	−3	0	0.17
26541		05 38 39.72	−08 28 15.7	7.10		G	84.665 500 32	−08.471 021 40		3.91	−0.78	2.38	0.61	0.47	0.78	0.67	0.51	+11	+27	−6	+9	−16	−11	−21	+25	−27	+11	0	0.63
26542		05 38 40.43	−38 21 24.7	9.55		G	84.668 460 91	−38.356 866 50		34.45	64.71	−252.93	0.82	0.98	1.07	0.93	1.10	−8	+20	+9	+17	+5	+26	−3	−20	−6	−23	0	−0.96
26543		05 38 40.60	−12 56 33.3	7.90		H	84.669 162 97	−12.942 596 00		4.38	3.66	11.77	0.73	0.57	0.91	0.75	0.58	+5	+27	−8	−5	−34	−1	−32	+14	−11	−9	0	−1.78
26544		05 38 41.66	+32 28 30.4	7.94		H	84.673 578 53	+32.475 109 28		14.63	36.59	−47.27	0.85	0.59	0.95	1.02	0.63	+15	+26	−20	+18	+20	−1	+16	+46	−5	+28	0	−1.31
26545		05 38 43.53	−40 42 26.5	5.81		H	84.681 361 24	−40.707 358 01		6.65	−2.31	21.19	0.46	0.55	0.57	0.55	0.79	−10	+12	−2	+37	−19	+14	−9	−25	−14	−1	0	1.30
26546		05 38 43.83	+41 50 21.5	6.59		H	84.682 632 82	+41.839 312 85		5.63	51.43	−37.65	0.86	0.67	0.96	1.10	0.91	−3	+35	−17	+16	−1	+7	+1	+34	+8	+11	0	1.00
26547		05 38 43.91	−20 06 52.9	8.41		G	84.682 978 53	−20.114 705 89		3.71	−4.44	4.58	0.70	0.69	1.07	1.16	0.86	−3	+16	−15	−7	−8	+8	−10	+19	−25	+2	0	−0.08
26548		05 38 44.43	+70 21 52.3	6.97		H	84.685 123 90	+70.364 531 32		5.81	9.93	−30.30	0.32	0.50	0.72	0.32	0.61	−7	+18	−17	−7	+8	−4	+9	+14	+15	+4	0	2.41
26549	H	05 38 44.77	−02 36 00.2	3.77		H	84.686 522 11	−02.600 067 91	*	2.84	4.61	−0.40	1.46	0.95	0.91	0.88	0.53	+7	+14	−1	+14	−12	−6	−31	+3	−28	+0	6	−1.46
26550		05 38 44.87	+30 13 26.4	9.32		G	84.686 964 47	+30.223 992 01		8.35	−2.59	−14.63	1.27	0.84	1.40	1.36	0.85	+6	+38	−22	+24	+27	+0	+18	+57	−9	+25	0	0.15
26551		05 38 45.62	−02 35 58.9	6.81		G	84.690 100 95	−02.599 691 73	D	2.84	4.61	−0.40	24.74	14.12	0.91	0.88	0.53	+29	−15	−7	−2	−2	−6	+2	−4	−28	+0	6	−1.46
26552		05 38 46.24	−17 04 14.5	7.98		H	84.692 671 37	−17.070 705 37		1.24	10.50	−22.18	0.66	0.60	1.00	0.76	0.67	−34	+31	−10	+31	−39	−2	−40	+22	−31	−13	3	0.01
26553		05 38 46.74	−52 29 20.5	8.71		H	84.694 745 50	−52.489 034 91		14.76	75.07	75.09	0.65	0.69	0.72	0.65	0.82	−4	+6	−18	+1	+0	+0	+0	+5	−3	−2	0	0.15
26554		05 38 47.06	+36 09 03.7	12.17		H	84.696 091 76	+36.151 015 80	B	−7.94	−2.52	−25.16	38.22	26.27	21.95	21.38	14.79	−18	+53	−38	+5	+18	+17	+13	+35	−16	+14	0	0.11
26555		05 38 47.83	+08 02 18.0	8.57		G	84.699 277 85	+08.038 321 10		9.42	−14.47	−3.12	1.22	0.82	1.51	1.10	0.82	−9	+61	−29	−11	−20	+12	−5	−67	+15	+8	0	−0.52
26556		05 38 48.54	+55 44 52.5	7.89		H	84.702 233 25	+55.747 919 37		16.22	−13.95	20.40	0.59	0.45	0.80	0.66	0.44	+16	+17	+2	+4	+14	−14	+13	−24	+7	+12	0	−0.08
26557		05 38 49.27	+36 09 16.2	9.76		H	84.705 299 88	+36.154 513 47	A	10.87	17.48	−27.45	4.26	2.89	3.85	3.81	2.61	−11	+49	−34	+14	+28	+15	+17	+41	−17	+19	0	0.11
26558		05 38 50.20	−04 16 18.4	9.20		G	84.709 162 72	−04.271 780 86		2.86	−2.30	−0.20	1.10	0.70	1.42	1.16	0.71	+1	+34	−12	+4	−30	+20	−33	+24	−23	+7	0	−0.77
26559		05 38 51.14	−13 32 54.7	8.40		H	84.713 092 11	−13.548 527 66		3.13	−0.95	−3.45	0.82	0.71	1.07	0.84	0.72	−4	−1	+3	+9	−43	−18	−40	+27	−11	−16	0	−0.19
26560		05 38 52.54	+35 04 41.2	8.10		H	84.718 907 21	+35.078 112 63		6.36	5.51	−1.87	1.45	0.82	1.45	1.46	1.06	+13	+60	−13	+46	+28	+14	+15	+66	−14	+36	0	1.00
26561		05 38 52.64	+02 51 42.4	7.90		G	84.719 315 36	+02.861 775 87		1.20	−4.88	−0.83	0.99	0.74	1.11	1.37	0.81	+24	−15	−42	−45	−36	+27	−28	−56	+27	+27	0	0.19
*26562		05 38 53.13	−37 45 31.6	8.31		H	84.721 386 88	−37.758 774 32		0.55	−0.21	11.24	0.94	1.18	1.24	0.95	1.35	−7	+16	−10	−1	−5	+8	−6	−25	+5	−12	3	
*26563		05 38 53.09	−07 12 45.8	4.77		H	84.721 215 89	−07.212 708 44	+	21.24	−15.00	−49.55	1.27	1.03	2.05	1.08	1.23	−11	−10	−15	−13	+4	+52	+5	−4	−81	−72	0	2.22
26564		05 38 53.79	−51 38 17.0	9.25		H	84.724 119 24	−51.638 046 09		4.44	−19.81	20.67	0.85	0.83	0.88	0.98	0.95	−3	−13	−17	+20	−18	+3	−24	−15	+10	−21	3	−0.42
26565		05 38 53.87	−12 46 33.7	9.07		H	84.724 468 94	−12.776 029 76		0.93	−4.42	0.57	0.85	0.70	1.09	0.96	0.72	−4	+15	−15	−2	−28	+13	−24	+17	−13	−16	0	0.73
26566		05 38 54.58	+26 18 56.9	9.20	2	H	84.727 396 98	+26.315 794 57		3.00	−5.08	−4.41	1.43	1.00	1.72	1.65	1.02	+17	+38	−41	+21	+56	−18	+24	+73	−41	+52	0	1.69
26567		05 38 55.34	−71 38 20.4	9.61		H	84.730 562 80	−71.639 006 03		1.73	29.71	36.25	0.75	0.86	0.86	0.82	1.12	−14	+14	+6	+0	+0	+11	−5	−7	−21	−31	0	−1.03
26568		05 38 55.74	+20 01 50.3	9.30		H	84.732 233 92	+20.030 634 37		6.56	−12.35	−37.73	1.52	1.03	1.61	2.02	1.42	−2	+37	−14	−2	+21	+3	+20	−5	+3	+12	3	1.78
26569		05 38 56.75	+49 24 58.4	6.85		H	84.736 447 21	+49.416 216 43		4.09	12.86	−2.89	0.90	0.62	0.90	0.97	0.66	+31	+39	−2	+37	+41	+5	+30	+46	−13	+47	3	0.04
26570		05 38 57.27	+31 22 42.5	8.99		H	84.738 642 07	+31.378 472 17		4.77	0.53	−6.55	1.32	0.86	1.49	1.57	0.93	−3	+42	−21	+21	+12	+6	+8	+54	−11	−3	0	1.80
26571		05 38 57.36	+26 37 05.1	6.45		H	84.739 014 39	+26.618 094 15		7.65	13.55	−10.52	0.87	0.65	1.00	1.00	0.67	+33	+24	−37	+23	+64	−23	+36	+75	−41	+65	2	−1.35
26572		05 38 57.51	+53 34 10.5	8.83		G	84.739 629 97	+53.569 594 95		4.63	−9.89	1.65	0.91	0.64	1.32	1.01	0.60	+27	+20	+6	−12	−18	−12	−16	−53	+21	+11	0	0.25
26573		05 38 57.56	+05 27 49.9	9.79		H	84.739 828 98	+05.463 866 93		3.87	4.91	−4.98	1.95	1.21	1.93	1.97	1.23	−31	+38	−13	−49	+25	−4	+24	−64	+1	−24	0	−0.08
26574		05 38 58.02	+28 27 36.5	8.39	2	H	84.741 736 95	+28.460 145 04		−1.68	−2.71	−4.98	1.04	0.71	1.11	1.19	0.71	+11	+35	−15	+26	+30	−6	+20	+70	−10	+19	4	−1.42
26575		05 38 59.78	+04 08 19.2	8.16		H	84.749 082 87	+04.138 678 77		1.46	0.11	−7.73	1.26	0.81	1.44	1.44	0.87	−13	+49	−17	−23	+0	−24	+0	−45	+8	−8	0	1.70
26576		05 39 00.66	−08 47 43.5	9.92		G	84.752 767 88	−08.795 405 78		3.62	−6.88	2.40	1.03	0.86	1.43	1.07	0.92	+13	+28	−4	+4	−22	−13	−28	+22	−30	+13	4	−0.20
26577		05 39 00.94	−06 29 50.3	8.67		H	84.753 896 79	−06.497 315 25		3.02	2.49	−7.62	0.96	0.67	1.28	1.03	0.72	+7	+28	−4	−7	−31	−6	−35	+14	−35	+3	0	1.43
26578		05 39 00.99	−48 13 18.5	9.49		H	84.754 141 44	−48.221 803 17		2.64	5.61	15.18	0.84	0.85	0.93	1.07	1.05	−10	+28	−2	+10	+3	+7	−3	−27	+7	−35	0	−1.66
26579		05 39 01.49	−02 38 56.4	8.07		G	84.756 216 98	−02.648 987 98		2.55	−0.55	−1.00	0.84	0.52	0.99	0.94	0.52	+17	+32	−3	+14	−29	+1	−29	+36	−26	+21	1	0.72
26580		05 39 01.71	+45 26 53.3	8.07		H	84.757 130 30	+45.448 130 44		8.62	65.63	−128.88	1.28	0.89	1.46	1.47	1.14	+40	+48	+2	+62	+43	+23	+55	+59	+27	+51	0	1.89
26581		05 39 02.40	−05 11 40.0	7.60		G	84.760 002 39	−05.194 455 92		3.01	−0.18	−4.16	0.68	0.45	0.90	0.73	0.48	+12	+33	+0	−4	−21	+2	−27	+23	−34	+10	2	0.04
26582		05 39 03.32	−11 01 54.2	9.21		G	84.763 829 00	−11.031 727 37		7.79	11.53	7.60	0.98	0.82	1.25	0.94	0.78	+18	+32	+2	+1	−40	−11	−41	+9	−19	+5	4	0.19
26583		05 39 03.38	+05 15 50.5	10.58		H	84.764 079 79	+05.264 031 41		−0.48	−4.44	4.57	2.23	1.43	2.40	2.18	1.42	−28	+42	−18	−37	+18	−14	+17	−55	+2	−12	0	0.59
26584		05 39 04.26	−43 44 19.3	8.71		H	84.767 766 21	−43.738 706 48		3.77	8.33	−28.58	0.66	0.81	0.79	0.68	1.03	−8	+11	−4	−32	+10	+4	+11	−28	−7	−12	0	−1.80
26585		05 39 04.27	+37 58 35.9	7.51		H	84.767 810 60	+37.976 646 25		3.74	−1.88	−1.27	0.91	0.63	0.99	1.22	0.79	−8	+27	−6	+35	−11	−9	−5	+45	+17	−13	0	0.82
26586		05 39 04.51	−44 06 38.3	10.70		H	84.768 800 20	−44.110 631 26		2.40	5.18	9.91	1.20	1.36	1.41	1.31	1.67	+4	−9	−19	−33	+1	+13	+2	−31	+15	−5	0	−0.74
26587		05 39 05.39	+56 21 37.3	7.03		H	84.772 475 42	+56.360 361 85		16.64	9.34	−132.59	0.65	0.46	0.79	0.72	0.45	−1	+17	+1	−29	+18	+1	+16	−30	+2	+2	0	0.36
26588		05 39 05.52	−05 53 50.9	8.30		H	84.773 013 62	−05.897 484 26		10.45	14.17	−22.27	0.77	0.52	1.02	0.79	0.54	+9	+28	+3	−13	−30	+5	−32	+11	−36	−5	0	1.75
26589		05 39 07.00	−58 57 27.3	7.22		H	84.779 173 63	−58.957 569 48		5.28	−5.78	48.72	0.59	0.57	0.61	0.77	0.80	−14	+6	−14	+4	−12	+16	−9	+10	+3	−27	2	1.56
26590		05 39 07.54	+14 33 24.3	7.54		H	84.781 408 52	+14.556 763 09		4.92	−11.19	−1.53	1.05	0.61	1.16	1.30	0.72	+11	+43	−7	+0	+21	−13	+13	+0	−7	+15	6	−0.60
26591		05 39 08.10	−17 49 52.8	8.20		H	84.783 765 13	−17.831 342 43		7.95	−59.63	30.49	0.74	0.70	1.10	0.79	0.80	−16	+29	−15	+12	−30	+2	−36	+13	−29	+4	0	−0.38
26592		05 39 08.72	+41 21 31.9	6.44		H	84.786 335 30	+41.358 853 00		13.05	−30.68	−119.51	0.79	0.65	0.89	1.03	0.88	+2	+34	−19	+22	−3	+5	+0	+34	+9	+16	0	0.49
26593		05 39 11.13	−24 52 50.7	7.51		H	84.796 371 93	−24.880 746 85		3.80	−1.41	−8.00	0.42	0.62	0.85	0.53	0.72	−2	+1	−15	−11	−8	+14	−6	−15	+12	−17	1	1.43
26594		05 39 11.15	+04 07 17.3	4.50	2	H	84.796 441 23	+04.121 466 67		2.01	0.76	0.07	0.81	0.51	0.94	0.90	0.55	−16	+53	−13	−20	+7	−33	+2	−36	+1	−14	2	1.19
26595		05 39 11.39	−40 09 11.0	9.46		H	84.797 453 97	−40.153 057 40		1.84	2.44	1.46	0.74	1.01	1.02	0.73	1.24	+0	+18	+12	−6	−5	−3	−8	−24	−18	+2	0	0.17
26596		05 39 11.39	+09 55 14.2	10.09		H	84.797 472 51	+09.920 615 05		9.02	3.41	−25.08	1.82	1.21	2.13	1.80	1.23	−17	+51	−22	−27	−2	−11	+3	−67	+16	−18	0	0.66
26597		05 39 11.54	−41 45 13.4	8.56		H	84.798 062 54	−41.753 720 56		3.97	−21.14	−38.95	0.68	0.80	0.85	0.69	0.99	−2	−1	−4	−20	−1	+18	+0	−24	−2	+2	0	−0.50
26598		05 39 11.81	+67 13 37.8	8.84		H	84.799 197 91	+67.227 173 36		5.52	16.60	−34.08	0.59	0.68	1.13	0.86	0.82	−1	+7	+0	+25	+28	+0	+23	+27	−1	−5	0	1.24
26599		05 39 14.83	+23 19 24.2	7.52	1	H	84.811 780 24	+23.323 375 92		0.88	−0.78	−6.54	0.96	0.66	1.02	1.17	0.86	+14	+31	−10	+8	+21	+3	+17	+16	−3	+46	0	−0.70
26600		05 39 15.01	−29 42 36.0	8.19		H	84.812 531 41	−29.709 998 37		11.50	3.96	47.42	0.59	0.72	0.90	0.68	0.87	−12	+9	−27	−16	+4	−5	+3	−18	−4	−12	0	−0.14

No.	Tycho Magnitudes					Colour Indices							Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag			Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3		44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
26501	8.393	0.014	7.580	0.014	A	0.769	0.016	G	0.81	0.01	H *		7.4729	0.0011	0.013	91	*	7.45	7.50		D	05382−4606	I 1	2 C A	AB	74	4.930	0.007	1.78	0.02	S
26502	9.071	0.013	8.663	0.013		0.376	0.015	G	0.44	0.02	H		8.7240	0.0017	0.018	115		8.70	8.75					1							
26503	8.512	0.014	8.097	0.014		0.367	0.003	G	0.43	0.00	H		8.1659	0.0021	0.013	63		8.14	8.19		C			1							S
26504	9.965	0.018	8.730	0.011		1.054	0.016	T	1.02	0.01	L		8.7875	0.0017	0.020	142		8.76	8.83					1							
26505	8.773	0.016	7.819	0.012		0.834	0.011	G	0.88	0.01	H		7.8670	0.0014	0.010	70		7.85	7.89		C			1							
26506	10.395	0.046	9.676	0.039		0.661	0.049	T	0.72	0.04	L		9.7512	0.0030	0.021	59		9.71	9.79		C			1							G
26507	9.482	0.017	9.138	0.018		0.326	0.023	T	0.38	0.03	L		9.1658	0.0016	0.018	106		9.14	9.20		C			1 G							
26508	6.629	0.004	6.797	0.006		−0.152	0.003	G	−0.15	0.00	H		6.7826	0.0012	0.011	126		6.77	6.80		M			1							S
26509	8.451	0.009	8.453	0.012		0.003	0.014	T	0.02	0.01	L		8.4618	0.0013	0.016	105		8.44	8.49			05382−3919	I 1	1							S
26510	7.008	0.005	6.874	0.006		0.129	0.007	T	0.14	0.01	L		6.9112	0.0008	0.009	108		6.90	6.93					1							S
26511	8.778	0.012	8.327	0.012		0.439	0.013	T	0.51	0.01	L		8.3968	0.0016	0.016	87		8.37	8.43		C			1							S
26512	8.681	0.012	7.522	0.008		0.995	0.011	T	0.97	0.01	L		7.5747	0.0011	0.010	104		7.56	7.59					1							S
26513	8.149	0.008	7.959	0.009		0.182	0.011	T	0.20	0.01	L		7.9862	0.0018	0.011	85		7.97	8.01		C			1							S
26514	7.133	0.006	7.051	0.007		0.070	0.002	G	0.08	0.00	H		7.0670	0.0009	0.011	97		7.05	7.09					1							S
26515	6.379	0.004	6.419	0.004		−0.047	0.002	G	−0.03	0.00	H		6.4248	0.0007	0.008	114		6.41	6.44		C			1							S
26516	10.907	0.046	9.740	0.027		1.001	0.042	T	0.98	0.03	L		9.8310	0.0025	0.026	119		9.78	9.88		C			1							
26517	10.784	0.030	8.737	0.010		1.695	0.025	T	1.72	0.03	L		8.5540	0.0034	0.042	208		8.49	8.62		U 2			1 S							
26518	8.265	0.009	6.864	0.005		1.184	0.008	T	1.14	0.01	L		6.8811	0.0007	0.008	110		6.86	6.90					1							S
26519	9.202	0.020	8.936	0.022	*	0.240	0.015	G	0.27	0.02	H *		8.9793	0.0026	0.016	66	*	8.95	9.01		D	05384+5105	I 1	2 C A	AB	284	0.435	0.005	0.57	0.03	
26520	10.035	0.035	9.528	0.035	A	0.600	0.495	G	0.59	0.07	B *		9.4453	0.0044	0.024	57	*	9.41	9.50		D	05384+1808	I 1	2 C A	AB	180	1.110	0.011	1.50	0.06	
26521	9.052	0.016	7.302	0.008		1.459	0.014	T	1.47	0.02	L		7.2843	0.0013	0.011	96		7.26	7.30					1							S
26522	10.283	0.051	10.005	0.062		0.264	0.075	T	0.30	0.09	L		10.0160	0.0035	0.026	75		9.97	10.06		C			1							G
26523	8.034	0.008	8.079	0.010		−0.042	0.002	G	−0.02	0.00	H		8.0766	0.0014	0.013	99		8.05	8.10		C			1							S
26524	8.018	0.008	7.668	0.009		0.318	0.010	G	0.37	0.01	H		7.7250	0.0011	0.011	90		7.71	7.75					1							S
26525	10.355	0.036	9.629	0.032		0.666	0.039	T	0.73	0.03	L		9.7022	0.0033	0.022	70		9.67	9.74		C			1							G
26526	8.577	0.010	8.637	0.013	A	−0.024	0.016	G	0.00	0.02	H *		8.6014	0.0017	0.015	112	*	8.58	8.63		C	05385−0009	I 1	2 C B	AB	236	6.320	0.051	3.51	0.15	
26527	9.720	0.028	9.635	0.037		0.100	0.020	G	0.11	0.02	H		9.7306	0.0028	0.018	64		9.71	9.78		C			1							G
26528	8.419	0.009	7.999	0.011		0.417	0.015	G	0.48	0.02	H		8.0560	0.0015	0.015	140		8.03	8.08					1							S
26529	8.784	0.018	8.528	0.019		0.225	0.015	G	0.25	0.02	H		8.5643	0.0022	0.011	61		8.54	8.59		C			1							
26530	8.264	0.011	8.231	0.013		0.035	0.016	T	0.05	0.01	L		8.2482	0.0018	0.014	95		8.23	8.28		C			1							S
26531	8.382	0.012	7.941	0.010	A	0.435	0.015	G	0.50	0.02	H		7.9862	0.0120	0.061	106	A	7.93	8.09		D	05386−4118	I 2	1 C P A							S
26532	10.144	0.026	8.954	0.016		1.019	0.024	T	0.99	0.02	L		8.9984	0.0019	0.016	109		8.96	9.03		C			1							
26533	10.313	0.033	9.495	0.026	B	0.738	0.032	T	0.79	0.02	L		9.7428	0.0470			B				D	05386−4118	I 2	1 C I A							
26534	8.325	0.009	7.659	0.008		0.607	0.009	T	0.68	0.01	L		7.7188	0.0015	0.012	138		7.70	7.74					1							S
26535	5.671	0.003	5.919	0.004		−0.216	0.004	T	−0.23	0.01	L		5.8817	0.0006	0.007	91		5.87	5.90					1							S
26536	5.853	0.003	5.378	0.003	*	0.450	0.015	G	0.53	0.01	L *		5.4441	0.0008	0.006	81	–	5.44	5.46		D	05386+3030	I 1	3 C B							S G
26537	10.754	0.057	8.948	0.022		1.503	0.048	T	1.53	0.07	L		8.9156	0.0023	0.014	62		8.89	8.94		C			1							
26538	9.185	0.018	8.102	0.012		0.940	0.015	G	0.93	0.01	H		8.1441	0.0015	0.012	69		8.13	8.17					1							S
26539	10.431	0.056	9.883	0.055	A	0.653	0.155	G	0.87	0.07	B *		9.4982	0.0048	0.021	50	*	9.46	9.53		R	05386+2002	I 1	2 C A	AB	24	4.564	0.010	1.12	0.07	
26540	9.612	0.019	8.619	0.013		0.869	0.017	T	0.88	0.01	L		8.6420	0.0014	0.014	92		8.61	8.67					1							
26541	6.996	0.004	7.087	0.006		−0.071	0.010	G	−0.05	0.01	H		7.0801	0.0009	0.007	112		7.07	7.09		C			1							S
26542	10.913	0.043	9.686	0.024		1.043	0.005	G	1.09	0.01	I		9.6725	0.0020	0.022	117		9.64	9.72		C			1							
26543	8.114	0.009	7.918	0.010		0.180	0.013	T	0.20	0.01	L		7.9611	0.0015	0.012	94		7.94	7.98		C			1							S
26544	8.532	0.013	8.010	0.012		0.470	0.015	G	0.57	0.01	L		8.0527	0.0012	0.008	78		8.04	8.07			05387+3228	I 1	1 S							S
26545	5.705	0.003	5.796	0.003		−0.078	0.004	T	−0.06	0.01	L		5.7894	0.0007	0.005	106		5.78	5.80		C			1 G							S
26546	8.493	0.012	6.764	0.007		1.442	0.011	T	1.44	0.02	L		6.7257	0.0018	0.013	56		6.71	6.75					1 S							S
26547	8.419	0.009	8.403	0.011		0.006	0.003	G	0.03	0.00	H		8.4228	0.0019	0.018	122		8.39	8.46		C			1							
26548	6.891	0.003	6.953	0.004		−0.045	0.004	G	−0.02	0.00	H		6.9592	0.0007	0.009	249		6.94	6.98					1							S
26549	3.510	0.003	3.765	0.003	*	−0.190	0.400	G	−0.25	0.01	L *		3.6811	0.0019	0.016	116	–	3.66	3.72		D	05387−0236	I 2	2 C P B	AB	132	0.252	0.005	1.21	0.05	S G
26550	9.827	0.025	9.329	0.025		0.430	0.015	G	0.50	0.02	H		9.4056	0.0028	0.021	82		9.37	9.44					1							G
26551	6.375	0.012	6.557	0.014	D	−0.180	0.017	G	−0.17	0.03	L		3.7103	0.0087	0.125	132	–	3.67	4.25		D	05387−0236	I 2	1 C F B							S G
26552	7.927	0.007	7.972	0.009		−0.036	0.002	G	−0.01	0.00	H		7.9757	0.0010	0.012	141		7.96	8.00					1							S
26553	9.411	0.015	8.752	0.013		0.602	0.015	T	0.67	0.01	L		8.8359	0.0016	0.018	121		8.81	8.86					1							
26554											T		12.2523	0.0778			B				D	05388+3609	I 2	1 C I C							
26555	8.831	0.013	8.596	0.014		0.235	0.015	G	0.26	0.02	H		8.6259	0.0012	0.013	87		8.61	8.65		C			1							
26556	8.464	0.009	7.950	0.008		0.483	0.011	T	0.55	0.01	L		8.0010	0.0011	0.011	166		7.98	8.03					1							S
26557	10.357	0.048	9.777	0.044	A	0.542	0.058	T	0.62	0.06	L		9.8806	0.0130	0.026	62	A	9.83	9.91		D	05388+3609	I 2	1 C P C							G
26558	9.203	0.013	9.157	0.017		0.009	0.006	G	0.03	0.01	H		9.2179	0.0022	0.021	107		9.17	9.24					1							
26559	8.692	0.010	8.432	0.011		0.244	0.015	T	0.27	0.02	L		8.4740	0.0025	0.019	94		8.45	8.51					1 S							S
26560	8.506	0.014	8.122	0.014		0.376	0.003	G	0.44	0.00	H		8.1912	0.0012	0.012	66		8.17	8.21					1 G							
26561	7.777	0.010	7.868	0.012		−0.081	0.009	G	−0.06	0.01	H		7.8698	0.0012	0.010	79		7.85	7.89		C			1							S
26562	10.162	0.024	8.446	0.011		1.432	0.021	T	1.42	0.03	L		8.4462	0.0017	0.015	126		8.43	8.47		C			1 X							
26563	4.956	0.002	4.800	0.003		0.139	0.001	G	0.16	0.02	A		4.8242	0.0004	0.004	81		4.82	4.83					1 O							S D
26564	9.612	0.019	9.277	0.020		0.323	0.030	T	0.37	0.04	L		9.3253	0.0023	0.015	97		9.29	9.35		C			1							
26565	9.063	0.014	9.058	0.018		0.006	0.020	T	0.03	0.02	L		9.0775	0.0019	0.016	89		9.05	9.11		C			1							
26566	9.783	0.028	9.237	0.026		0.512	0.034	T	0.58	0.04	L		9.3092	0.0217	0.087	67		9.15	9.37		U 2 C			1 S							
26567	9.767	0.020	9.647	0.026		0.109	0.030	T	0.12	0.03	L		9.6502	0.0030	0.020	106		9.62	9.68					1							
26568	9.974	0.038	9.331	0.034		0.597	0.044	T	0.67	0.04	L		9.4252	0.0036	0.019	49		9.39	9.45		C			1							
26569	8.104	0.011	6.966	0.007		0.979	0.010	T	0.96	0.01	L		7.0107	0.0012	0.008	61		6.99	7.02		C			1							S
26570	10.979	0.057	9.163	0.021		1.511	0.048	T	1.54	0.07	L		9.1161	0.0017	0.015	75		9.09	9.14		C			1							
26571	7.680	0.009	6.551	0.006		0.980	0.015	G	0.88	0.04	E		6.6037	0.0008	0.005	72		6.60	6.61					1							S
26572	9.281	0.013	8.866	0.013		0.418	0.015	G	0.48	0.02	H		8.9304	0.0012	0.016	154		8.90	8.96		C			1							
26573	10.231	0.032	9.832	0.034		0.377	0.043	T	0.44	0.05	L		9.8730	0.0030	0.022	79		9.83	9.91		C			1							G
26574	8.727	0.012	8.432	0.013		0.350	0.015	G	0.41	0.02	H		8.4696	0.0039	0.044	95		8.41	8.53		U 2			1							
26575			9.009	0.016		1.660	0.218	G	1.73	0.26	K		8.2672	0.0019	0.016	73		8.24	8.29					1							
26576	10.462	0.036	9.950	0.035		0.480	0.020	G	0.55	0.02	H		10.0227	0.0022	0.021	104		9.99	10.06		C			1							G
26577	8.851	0.015	8.689	0.017		0.148	0.021	T	0.16	0.02	L		8.7230	0.0015	0.015	88		8.70	8.76		C			1							
26578	9.658	0.020	9.516	0.025		0.137	0.030	T	0.15	0.03	L		9.5422	0.0022	0.019	96		9.51	9.57		C			1							
26579	7.950	0.010	8.053	0.013		−0.080	0.010	G	−0.06	0.01	H		8.0422	0.0013	0.012	128		8.02	8.06		C			1 S							S
26580	9.065	0.022	8.153	0.016		0.809	0.020	T	0.84	0.01	L		8.2233	0.0012	0.012	55		8.20	8.25					1 G							S
26581	7.450	0.006	7.566	0.010		−0.120	0.011	G	−0.11	0.01	H		7.5670	0.0010	0.011	100		7.55	7.58		C			1							S
26582	9.783	0.019	9.242	0.018		0.480	0.020	G	0.55	0.02	H		9.3207	0.0021	0.021	97		9.29	9.36					1							
26583	11.007	0.052	10.568	0.058		0.414	0.072	T	0.48	0.08	L		10.6738	0.0028	0.031	74		10.63	10.73		C			1							G
26584	10.228	0.029	8.818	0.015		1.191	0.026	T	1.15	0.02	L		8.8764	0.0016	0.018	117		8.85	8.91		C			1							
26585	7.549	0.010	7.508	0.014		0.043	0.016	T	0.06	0.01	L		7.5284	0.0013	0.009	59		7.51	7.54		C			1							S
26586	11.418	0.081	10.761	0.069		0.500	0.020	G	0.57	0.02	H		10.8111	0.0035	0.034	106		10.76	10.89		C			1							G
26587	7.513	0.005	7.078	0.005		0.411	0.004	G	0.48	0.00	H		7.1283	0.0012	0.011	149		7.11	7.14					1							S
26588	8.822	0.013	8.357	0.012		0.438	0.016	T	0.51	0.02	L		8.4009	0.0012	0.012	101		8.38	8.42					1							
26589	8.553	0.010	7.339	0.007		1.038	0.010	T	1.01	0.01	L		7.3912	0.0016	0.011	91		7.37	7.41		C			1							S
26590	7.571	0.008	7.543	0.011		0.031	0.013	T	0.05	0.01	L		7.5570	0.0012	0.008	57		7.54	7.57					1							S
26591	8.704	0.011	8.244	0.010		0.447	0.012	T	0.52	0.01	L		8.3010	0.0017	0.016	122		8.28	8.33		C	05393−1751	I 3	1							S
26592	7.718	0.008	6.552	0.005		1.000	0.007	T	0.98	0.01	L		6.6065	0.0013	0.008	57		6.59	6.62		C			1							S
26593	9.346	0.013	7.651	0.006		1.416	0.011	T	1.40	0.02	L		7.6548	0.0010	0.013	190		7.63	7.68		C			1							
26594	4.390	0.003	4.520	0.004		−0.098	0.020	G	−0.02	0.02	A		4.4935	0.0029	0.025	76		4.44	4.53		U 2 C			1							S P
26595	10.418	0.030	9.543	0.023		0.781	0.028	T	0.82	0.02	L		9.6105	0.0025	0.019	110		9.58	9.65		C			1							
26596	10.789	0.039	10.225	0.037		0.532	0.040	T	0.60	0.04	L		10.2027	0.0033	0.028	117		10.15	10.24					1							S G
26597	9.938	0.023	8.693	0.014		1.062	0.021	T	1.03	0.02	L		8.7283	0.0020	0.016	105		8.70	8.75		C			1							
26598	9.836	0.014	8.918	0.010		0.813	0.013	T	0.84	0.01	L		8.9966	0.0015	0.020	203		8.96	9.04		C			1							
26599	10.076	0.036	7.743	0.012		1.924	0.030	T	1.96	0.03	L		7.6098	0.0024	0.016	49		7.58	7.64		U 2	05392+2319	I 1	1							
26600	8.712	0.010	8.234	0.010		0.435	0.015	G	0.50	0.02	H		8.2922	0.0016	0.015	134		8.26	8.32					1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
26601		05 39 15.16	+30 09 02.0	7.67		H	84.813 171 14	+30.150 563 42		5.74	−12.45	−2.13	0.91	0.57	0.99	0.91	0.57	+14	+47	−14	+24	+28	+2	+22	+59	−3	+24	4	1.17
26602	H	05 39 16.23	−17 50 57.9	6.40		H	84.817 617 07	−17.849 415 10	A	2.50	−6.97	2.78	0.80	0.76	0.97	0.75	0.75	−27	+13	−19	−3	−21	+10	−27	+24	−16	−16	0	−0.16
26603		05 39 16.74	−25 30 25.3	8.94		H	84.819 737 15	−25.507 015 19		5.60	20.36	53.82	0.65	0.91	1.23	0.83	1.05	−6	+4	−8	+10	−8	+16	−7	+1	+9	−14	1	0.84
*26604	H	05 39 17.19	+10 15 35.7	8.25		H	84.821 627 39	+10.259 924 00	A	17.29	1.98	−28.94	4.15	3.22	2.99	3.38	2.77	+22	+20	−23	−50	−53	+8	−43	−76	+19	+49	2	0.94
*26605		05 39 16.98	−17 49 42.9	7.77		H	84.820 744 39	−17.828 593 89		0.63	4.24	−2.77	1.45	1.47	2.09	1.53	1.65	−4	+24	−10	−1	−26	+10	−27	−12	−12	+3	2	
26606		05 39 18.31	+29 12 54.8	5.98	1	H	84.826 304 20	+29.215 230 28		2.77	−1.48	−7.25	0.79	0.48	0.84	0.78	0.47	+1	+50	−14	+27	+17	+0	+11	+63	−3	+12	0	0.45
26607	H	05 39 22.55	+43 42 33.5	8.19		H	84.843 961 92	+43.709 300 11	*	6.60	−7.22	3.23	1.04	0.90	1.17	1.31	1.14	−7	+15	−9	+32	+11	+11	+10	+40	−13	−9	0	−0.52
26608		05 39 23.27	−25 32 05.2	8.43		G	84.846 962 17	−25.534 780 86		6.07	13.66	−28.87	0.56	0.74	1.00	0.72	0.87	−11	+0	−2	+22	−12	+8	−13	+9	+15	−21	1	−1.22
26609	H	05 39 23.89	+11 50 05.8	8.82		H	84.849 529 26	+11.834 933 39	*	3.37	−3.99	−4.90	3.65	3.07	2.01	2.07	1.22	+0	+40	−23	−35	−4	+4	−5	−58	+14	−10	0	−0.06
26610		05 39 24.21	−25 14 35.6	7.78		H	84.850 894 47	−25.243 233 39		14.40	0.36	42.03	0.50	0.64	0.91	0.61	0.80	−10	+18	−6	−3	−11	−2	−15	+6	+5	+0	0	−0.14
26611	H	05 39 24.80	+30 53 26.8	7.63		H	84.853 343 32	+30.890 776 89	A	2.13	−1.34	−3.58	1.91	1.14	1.54	1.55	0.90	+4	+28	−29	+11	+28	−5	+19	+54	−18	+9	3	0.51
26612		05 39 25.09	−11 12 36.8	7.99	2	H	84.854 545 49	−11.210 226 53		0.25	2.09	1.68	0.73	0.59	0.86	0.72	0.57	+9	+25	+2	+6	−43	−4	−42	+12	−5	−5	4	1.04
26613		05 39 25.95	+42 40 51.0	7.26		H	84.858 104 91	+42.680 820 55		2.70	−20.22	−6.09	0.94	0.77	1.05	1.61	1.32	−16	+21	−14	+4	+21	+30	+24	+19	−31	−54	0	1.39
26614		05 39 26.25	−22 50 16.9	10.25		G	84.859 387 89	−22.838 024 39		22.71	−23.17	−267.60	0.77	1.25	1.87	1.16	1.56	+3	−1	−19	+23	−25	−1	−24	+16	−5	−18	1	−0.59
26615		05 39 26.96	+03 24 59.4	9.13		H	84.862 319 83	+03.416 511 88		8.49	−17.85	−28.03	1.53	0.94	1.61	2.29	1.02	+0	−26	−28	−59	−15	+40	−5	−52	+17	+0	0	0.03
26616		05 39 27.11	+21 45 46.8	6.42		H	84.862 942 95	+21.763 006 96		4.94	2.87	−32.09	0.81	0.56	0.85	0.97	0.71	+13	+26	−20	+28	+34	−13	+28	+35	−12	+49	0	1.17
26617		05 39 27.29	+03 57 04.8	10.35		H	84.863 691 43	+03.951 334 20		8.32	255.83	−243.74	2.24	1.67	2.41	2.89	1.73	+5	+22	−38	−44	−27	+8	−14	−65	+30	+15	3	1.37
26618		05 39 27.52	+11 30 10.7	7.92		H	84.864 662 84	+11.502 983 36		1.43	21.07	−15.46	1.08	0.76	1.19	1.55	0.88	+4	+14	−1	−32	+1	+32	−8	−63	−14	−34	0	−0.38
26619		05 39 29.80	+29 50 00.6	8.54		H	84.874 161 36	+29.833 501 71		4.22	−7.79	−11.61	1.14	0.72	1.25	1.15	0.70	+1	+47	−21	+22	+28	+2	+17	+62	−12	+15	0	1.55
26620		05 39 30.02	−36 33 59.1	9.10	2	H	84.875 084 44	−36.566 406 05		2.86	1.73	13.55	1.32	1.75	1.83	1.44	2.26	+0	−4	−13	−6	−9	+10	−11	−26	+8	−4	0	
26621		05 39 30.46	−40 41 02.6	8.05		H	84.876 900 17	−40.684 069 02		9.85	19.17	11.38	0.59	0.68	0.72	0.68	0.86	−11	+15	−13	+31	−7	+13	−9	−16	−4	−16	0	−0.58
26622		05 39 30.49	+51 20 07.5	8.50		H	84.877 030 68	+51.335 426 13		4.46	−2.63	−10.03	1.00	0.80	1.09	1.16	0.94	+30	+28	−4	+38	+30	−13	+25	+53	−13	+24	0	0.82
26623		05 39 30.84	−09 42 23.8	6.49		H	84.878 490 27	−09.706 606 90		5.76	5.51	−8.86	0.63	0.49	0.82	0.71	0.56	+4	+23	−13	−1	−21	−7	−24	+29	−34	−6	0	1.87
26624		05 39 31.15	−03 33 53.0	5.99	1	H	84.879 805 19	−03.564 709 44		24.16	−3.88	2.10	0.61	0.41	0.73	0.64	0.39	+13	+27	+0	+7	−37	+8	−35	+30	−14	+9	0	−0.63
26625		05 39 32.54	+12 00 14.3	7.78		H	84.885 593 17	+12.003 982 39		10.66	19.20	−43.85	0.91	0.62	1.03	1.10	0.67	−13	+35	−28	−15	+0	−4	+3	−46	+20	−18	0	0.29
26626	H	05 39 34.26	−25 08 53.6	8.11		H	84.892 738 69	−25.148 210 50	A	3.09	−0.13	5.46	0.90	1.15	1.44	1.01	1.17	−12	+4	+6	−2	−8	+17	−6	+9	+5	−11	1	0.29
26627		05 39 34.55	+09 50 54.6	7.24		H	84.893 940 92	+09.848 508 81		2.74	1.45	−15.61	0.89	0.60	1.06	0.86	0.61	−7	+53	−25	−25	−13	−12	−6	−65	+17	−3	0	0.27
26628	H	05 39 34.59	−15 52 05.2	7.42		H	84.894 126 84	−15.868 112 33	*	4.69	7.03	4.97	0.75	0.66	1.03	0.80	0.69	−3	+22	−25	+14	−33	−9	−39	+22	−29	−6	0	−0.73
26629		05 39 35.61	−67 02 30.1	8.37		H	84.898 392 75	−67.041 684 10		9.72	9.47	−15.21	0.62	0.66	0.67	0.73	0.88	−3	+25	−6	−3	+8	−13	+2	−20	−9	−17	0	−0.60
26630		05 39 35.95	−32 58 49.7	8.85		H	84.899 800 06	−32.980 473 11		2.43	9.89	−11.37	0.65	0.86	0.97	0.68	1.04	−5	+11	−19	+0	−4	+14	+0	−15	+4	+5	4	1.69
26631		05 39 36.13	+06 52 57.0	8.43		G	84.900 530 92	+06.882 495 18		5.49	−3.53	−4.66	1.09	0.78	1.31	1.06	0.80	−19	+46	−33	−18	−4	+2	+12	−55	+22	+14	0	−1.13
26632		05 39 36.80	+37 59 20.0	6.96		H	84.903 344 09	+37.988 888 86		2.60	−2.20	−0.81	0.90	0.63	0.99	1.09	0.73	+1	+32	+3	+33	−14	−7	−5	+48	+16	−12	0	−0.96
26633		05 39 37.99	+00 50 02.0	6.91		H	84.908 286 51	+00.833 882 33		5.80	1.62	−13.84	1.04	0.50	1.24	0.99	0.55	−12	+65	−13	−8	−14	−7	−35	+7	−40	+4	0	0.87
26634		05 39 38.94	−34 04 26.6	2.65	1	G	84.912 249 75	−34.074 049 41		12.16	−0.10	−24.05	0.43	0.49	0.60	0.46	0.60	−9	+27	−26	−10	−7	+21	−3	−31	+3	−8	1	−0.55
26635		05 39 40.62	−41 50 46.7	9.53		H	84.919 260 59	−41.846 313 03		7.71	−9.91	94.90	0.85	1.03	1.11	0.91	1.40	−2	+7	−5	−8	+3	+19	+5	−13	−2	+10	0	−1.86
26636		05 39 41.99	−34 38 09.3	8.71		H	84.924 946 32	−34.635 925 47		1.51	−6.72	0.97	0.66	0.91	1.01	0.71	1.09	−15	+11	−38	−13	−8	+17	−1	−23	+19	−8	0	1.21
26637		05 39 43.25	+00 54 27.3	8.35		H	84.930 211 77	+00.907 576 48		2.66	−1.72	1.30	1.03	0.60	1.22	1.16	0.64	−1	+51	−5	−14	−11	−22	−20	−2	−23	+11	0	0.37
26638		05 39 43.72	+75 02 37.7	6.19	1	H	84.932 172 44	+75.043 809 82		5.63	−7.31	25.39	0.38	0.45	0.59	0.40	0.47	−6	+18	+5	+2	+13	+8	+13	−8	−2	+4	0	−1.25
26639		05 39 44.18	+07 18 57.1	9.50		H	84.934 087 26	+07.315 848 42		4.44	−1.96	−0.69	1.42	1.02	1.69	1.36	1.07	−10	+45	−23	−12	−8	+1	+2	−52	+13	+8	0	−0.23
26640		05 39 44.19	+25 53 49.7	5.18	1	H	84.934 136 04	+25.897 148 91		6.58	9.75	−23.79	0.82	0.55	0.89	0.89	0.58	+32	+31	−11	+20	+48	+11	+31	+56	−17	+55	0	−0.52
26641		05 39 44.23	−05 03 05.2	8.91		G	84.934 280 02	−05.051 442 23		20.28	42.47	297.46	0.93	0.59	1.25	0.96	0.63	+11	+33	−11	−13	−23	+5	−30	+14	−37	+12	0	0.31
26642		05 39 44.71	−20 26 06.7	6.89		G	84.936 300 39	−20.435 201 69	A	4.17	−5.73	8.70	1.38	1.32	1.53	1.86	1.35	+2	+25	−2	−2	−19	+19	−17	−4	−20	+6	18	1.78
*26643		05 39 45.36	−20 26 12.7	8.19		H	84.939 010 96	−20.436 865 51	B	9.63	−12.10	3.44	5.55	5.81	4.97	5.24	4.65	+2	+24	+4	+3	−16	+16	−18	−3	−27	+5	18	1.78
*26644		05 39 45.24	+04 26 04.5	8.00		G	84.938 494 92	+04.434 588 15		5.59	3.00	−0.58	1.12	0.72	1.25	1.14	0.76	−14	+49	−21	−29	+3	−13	+6	−48	+7	+3	2	2.02
26645	H	05 39 47.12	−29 37 55.6	8.85		H	84.946 350 77	−29.632 117 00	*	3.33	12.76	12.94	1.53	2.14	1.42	0.90	1.38	−31	+10	−19	−16	+3	−14	+1	−7	−7	+3	0	−0.42
26646		05 39 47.18	+10 20 21.3	8.62		H	84.946 574 00	+10.339 241 28		12.16	−7.33	−29.46	1.14	0.78	1.32	1.15	0.78	+3	+48	−19	−19	−29	−1	−21	−67	+10	+9	2	0.11
26647		05 39 47.86	+14 47 57.1	8.14		H	84.949 429 51	+14.799 193 71		2.22	−1.07	−1.25	1.10	0.67	1.25	1.51	0.82	+9	+42	−17	+3	+17	−23	+13	+2	+7	+11	0	−0.62
26648		05 39 49.08	+01 29 30.3	6.90		G	84.954 510 86	+01.491 739 69		4.24	3.58	−5.04	0.81	0.58	0.93	0.88	0.64	+2	+52	−24	−28	−7	−24	−9	−44	+6	+9	0	−1.07
26649		05 39 49.85	−32 37 44.9	5.44		G	84.957 714 46	−32.629 139 12		8.54	−15.92	−31.62	0.40	0.44	0.56	0.43	0.55	+5	+20	−13	−4	−12	+18	−14	−15	−9	+1	1	0.22
26650		05 39 50.53	+31 13 26.7	8.50		H	84.960 551 36	+31.224 074 44		9.34	10.16	−37.79	1.11	0.69	1.24	1.26	0.72	−8	+47	−23	+20	+14	+3	+9	+56	−11	−6	0	1.20
26651		05 39 51.50	+24 13 31.3	7.12		G	84.964 565 71	+24.225 367 81		18.64	−3.06	40.18	0.93	0.63	0.99	1.11	0.81	+26	+37	−17	+20	+24	+14	+24	+23	+4	+58	0	−0.43
26652		05 39 51.73	+72 10 37.8	7.94	1	H	84.965 557 75	+72.177 175 51		3.26	9.70	−23.61	0.44	0.57	0.82	0.47	0.67	+0	+11	−1	+15	+15	+17	+18	−2	+6	+8	1	−0.78
26653		05 39 52.36	+52 53 52.2	7.85	2	H	84.968 161 07	+52.897 832 69		35.91	−12.70	−141.66	0.82	0.54	1.12	1.00	0.55	+22	+26	+7	−1	+13	−9	+12	−30	+24	+6	0	1.40
26654		05 39 53.65	−13 52 11.5	9.00		G	84.973 535 88	−13.869 851 19		11.94	2.85	−212.16	0.92	0.78	1.11	1.02	0.82	+2	−1	+2	+16	−30	−6	−28	+27	−1	−1	0	0.86
26655		05 39 54.68	+13 01 21.9	7.09		H	84.977 827 33	+13.022 748 85		6.50	−1.17	−5.69	0.89	0.62	0.99	0.91	0.66	+16	+34	−29	−20	−4	+3	−3	−21	+0	+51	3	2.85
26656		05 39 55.42	−03 19 49.8	8.04	1	H	84.980 920 09	−03.330 490 59		1.67	2.42	−1.43	0.85	0.53	1.01	0.84	0.49	+21	+34	+5	+1	−39	+3	−37	+29	−21	+12	0	1.13
26657		05 39 56.09	−41 30 51.2	7.66		H	84.983 709 66	−41.514 210 15		4.45	−3.20	−18.55	0.55	0.68	0.73	0.58	0.92	−6	+12	−15	+1	+1	+18	+7	−12	+1	+9	0	0.58
26658	H	05 39 56.62	+30 05 11.3	8.11	2	G	84.985 935 39	+30.086 463 95	A	2.28	−1.61	−4.39	1.81	1.27	1.80	1.90	1.10	+22	+14	+0	+22	+41	+16	+32	+61	−17	+19	3	0.15
26659		05 39 56.79	−06 46 31.0	9.18		G	84.986 633 37	−06.775 283 07		0.50	−0.91	1.21	1.03	0.73	1.34	1.16	0.78	−1	+30	−8	+6	−32	−3	−35	+30	−32	+1	0	0.20
26660		05 39 57.16	−30 38 10.2	7.76		H	84.988 165 22	−30.636 165 62		4.37	1.53	−8.73	0.52	0.64	0.79	0.59	0.76	−11	+22	−24	+12	−7	+26	+0	−23	+2	−2	0	−0.35
26661		05 39 59.33	−85 54 51.6	6.77		H	84.997 189 63	−85.914 342 83		7.33	−20.70	6.90	0.48	0.50	0.54	0.54	0.56	−2	+18	+1	+6	−8	+2	−5	+15	+3	−20	0	−0.06
26662		05 39 59.99	+76 21 50.7	8.41		H	84.999 947 88	+76.364 083 04		6.20	0.21	10.27	0.60	0.73	0.91	0.74	0.86	−10	+15	−1	+4	+8	+2	+7	+19	+6	+0	0	0.77
26663		05 40 00.07	+63 13 45.1	8.51		H	85.000 308 90	+63.229 184 68		1.17	−1.82	−5.21	0.70	0.68	1.08	0.82	0.74	−2	+12	−13	−3	−3	−18	−4	−13	+18	−17	0	−0.74
26664		05 40 01.70	+06 03 40.2	8.67		G	85.007 072 98	+06.061 176 63		23.32	54.70	−245.76	1.24	0.82	1.31	1.39	0.91	−27	+51	−20	−34	+18	−13	+17	−59	+7	−21	0	1.45
26665		05 40 01.94	−38 49 25.9	9.43		H	85.008 067 78	−38.823 867 24		1.67	9.67	2.22	0.82	1.11	1.09	0.90	1.25	+9	+4	+0	−6	−21	+15	−24	−26	+3	−4	0	1.21
26666		05 40 02.92	+43 19 28.0	6.96		H	85.012 171 02	+43.324 457 24		5.39	−17.64	−40.42	0.83	0.71	0.95	1.14	0.99	+8	+11	−10	+30	+15	+5	+15	+38	−16	−8	0	−0.36
26667		05 40 03.85	−26 56 30.2	8.97		H	85.016 037 77	−26.941 720 79		6.50	−1.62	−1.81	0.60	0.85	1.12	0.76	1.12	−4	−17	−4	−7	+12	+7	+16	+13	−19	−11	0	0.50
26668		05 40 03.99	−01 25 31.7	7.00		H	85.016 623 23	−01.425 479 03		1.59	−2.54	3.83	0.85	0.46	0.99	0.94	0.47	+13	+38	−4	+10	−8	−3	−18	+40	−35	+22	6	−0.11
26669		05 40 04.62	+11 10 32.2	8.92	2	H	85.019 254 64	+11.175 606 78		1.24	0.71	−5.22	1.33	0.84	1.31	1.76	0.85	+31	+13	−18	−42	−45	+22	−39	−60	+4	+8	0	0.83
26670		05 40 05.03	−10 43 55.8	9.40		G	85.020 963 89	−10.732 169 78		8.43	29.92	16.17	1.17	0.92	1.49	1.07	0.90	+19	+41	−6	−13	−38	−8	−40	+10	−22	+10	2	−0.84
*26671		05 40 05.91	−23 43 25.1	7.14	1	H	85.024 635 94	−23.723 640 18		5.90	−19.13	−47.45	0.33	0.53	0.76	0.39	0.64	−7	+12	−3	−3	−9	+0	−8	−4	+8	−19	2	0.85
*26672		05 40 05.89	−62 56 14.5	8.40		H	85.024 546 48	−62.937 372 39		1.36	10.09	−21.47	0.66	0.74	0.74	0.77	0.96	−5	+21	−14	−8	+4	−16	+3	−17	+13	−14	0	−0.36
26673	H	05 40 06.13	+76 46 00.1	8.22		G	85.025 523 87	+76.766 686 00	A	8.60	−12.03	−67.87	0.84	1.04	1.16	0.87	1.10	−12	+11	+1	+2	+6	+9	+7	+20	+11	−1	0	−0.50
26674		05 40 06.41	−31 14 45.0	7.68		H	85.026 721 48	−31.245 822 22		3.33	−8.01	−0.08	0.47	0.55	0.69	0.53	0.65	−18	+26	−10	+22	−6	+27	−4	−18	−1	−18	0	0.67
26675		05 40 07.89	+37 38 10.7	11.91	3	H	85.032 876 41	+37.636 302 63		−19.25	63.32	−16.75	14.78	3.41	15.82	33.74	15.49	+20	+96	+14	−54	−19	−57	−34	−13	−32	+28	0	1.78
26676		05 40 09.57	+12 10 41.8	10.20		H	85.039 880 93	+12.178 274 27		14.30	271.77	−70.44	1.74	1.13	1.99	2.18	1.22	−16	+35	−27	−14	−7	−9	−2	−52	+27	−28	0	0.31
26677		05 40 09.58	+19 40 49.2	7.63		H	85.039 916 03	+19.680 336 15		2.67	−1.91	−0.72	0.92	0.68	0.94	1.23	0.90	+18	+19	−12	+23	+29	−5	+26	+27	−7	+21	0	1.43
26678		05 40 10.53	+05 39 54.0	7.84		H	85.043 885 06	+05.664 989 79		4.18	0.90	−6.17	1.14	0.79	1.29	1.33	0.92	−24	+30	−7	−23	+34	+11	+26	−42	−18	−28	0	1.79
26679		05 40 11.61	−43 35 04.7	8.07	2	H	85.048 359 01	−43.584 627 30		1.00	8.17	8.96	0.59	0.68	0.70	0.64	0.85	−9	+17	−8	−25	+10	+9	+9	−35	−8	−16	0	0.50
26680		05 40 11.73	+10 15 09.9	7.92		G	85.048 865 01	+10.252 757 91		10.54	−8.49	−28.52	0.97	0.62	1.14	0.94	0.63	−10	+52	−18	−10	−19	−4	−13	−59	+9	−7	2	−0.66
26681		05 40 13.26	−15 03 02.2	8.78		G	85.055 248 57	−15.050 619 46		12.77	4.39	−91.50	0.90	0.89	1.30	0.90	0.97	−14	+31	−22	+13	−28	−8	−36	+51	−36	−13	0	−1.04
26682		05 40 13.35	+69 58 54.6	6.92		H	85.055 643 48	+69.981 841 66		7.42	18.82	4.49	0.34	0.53	0.78	0.35	0.62	−9	+19	−16	−36	+14	−12	+11	+13	+12	+2	2	0.23
26683		05 40 13.54	−01 27 45.3	7.67		H	85.056 419 10	−01.462 573 79		3.08	−1.15	2.27	0.91	0.49	1.07	1.03	0.51	+13	+33	−4	+10	−8	−2	−18	+41	−35	+22	9	2.18
26684		05 40 14.04	+21 17 09.7	8.57		H	85.058 505 99	+21.286 017 58		1.35	−14.36	−10.18	1.22	0.78	1.29	1.39	0.98	+2	+41	−24	+28	+18	−6	+16	+25	−4	+37	0	0.68
26685		05 40 16.07	−49 32 23.1	8.86		H	85.066 943 14	−49.539 745 39		1.43	−5.52	−1.79	0.76	0.82	0.85	1.00	1.02	−16	+2	−10	+7	+10	+13	+6	−19	+4	−33	0	0.18
26686		05 40 17.07	−00 44 37.5	10.39		G	85.071 139 19	−00.743 746 56		2.34	−5.49	−2.34	1.56	0.90	1.82	1.82	0.94	+6	+38	−1	−5	−14	−8	−20	+13	−25	+10	0	1.65
26687		05 40 17.10	+00 58 20.6	8.88		G	85.071 266 35	+00.972 380 06		6.90	2.77	−0.72	1.55	0.90	1.84	1.44	0.90	−36	+71	−42	−12	+6	−22	−2	−37	+1	−12	0	−0.18
26688		05 40 17.51	−19 13 36.0	7.70		H	85.072 965 36	−19.226 680 07		20.61	−133.30	−195.88	0.55	0.57	0.89	0.82	0.70	+13	+15	−11	+8	−2	−19	−5	+29	−22	+21	3	2.80
26689		05 40 17.59	+16 23 35.6	7.36		H	85.073 295 57	+16.393 214 89		17.82	56.67	−162.29	1.01	0.66	1.08	1.44	0.89	+30	+19	−21	−16	−15	+18	−11	−17	+13	+61	0	−0.59
26690		05 40 18.15	+15 21 01.4	8.33		H	85.075 629 66	+15.350 399 94	B	8.18	13.96	−28.28	15.77	9.98	6.45	7.50	4.90	+22	+52	−16	+8	−9	+3	+10	−20	+28	+36	8	2.28
26691		05 40 18.24	+24 32 15.5	7.12		H	85.076 001 11	+24.537 646 81		8.08	4.49	−27.63	1.44	0.80	1.32	1.56	0.93	+39	+54	+11	+12	+37	+25	+37	+30	+2	+14	3	−0.28
26692		05 40 18.85	+15 21 00.6	6.98		G	85.078 547 12	+15.350 153 82	A	2.13	8.61	−30.90	3.07	2.06	2.53	3.33	2.13	+24	+46	−13	+2	−15	+1	+1	−26	+24	+33	8	2.28
26693		05 40 19.73	−03 25 37.4	7.03		H	85.082 193 97	−03.427 066 31		3.09	−4.71	−3.78	0.66	0.42	0.79	0.70	0.40	+13	+28	+0	+7	−39	+9	−37	+29	−19	+10	1	−0.28
26694		05 40 20.19	−02 26 08.2	7.62		G	85.084 121 91	−02.435 617 81		0.63	1.88	−0.47	0.84	0.50	1.01	1.02	0.48	+14	+28	−16	+6	−48	+24	−41	+29	−27	+14	0	−0.26
26695		05 40 24.38	+02 04 20.1	9.00		H	85.101 589 13	+02.072 248 30		2.89	3.01	0.85	1.36	1.02	1.32	1.58	1.08	+37	+29	−13	−43	−42	−6	−40	−61	+5	+32	0	−1.01
26696		05 40 24.89	+21 17 42.1	11.27		H	85.103 699 67	+21.295 021 98		0.45	−4.37	−1.94	3.02	1.95	3.24	3.35	2.41	−5	+41	−25	+25	+17	+1	+19	+20	+2	+38	0	0.89
26697		05 40 25.25	−04 25 16.4	8.06		H	85.105 219 55	−04.421 233 81		1.53	2.14	0.59	0.80	0.51	1.05	0.84	0.54	+12	+35	−11	+0	−25	−1	−33	+27	−34	+25	0	−0.56
26698		05 40 25.46	−22 38 53.9	7.89		H	85.106 087 42	−22.648 313 11		5.22	−2.15	−14.53	0.45	0.62	0.97	0.67	0.74	+5	+12	−14	+8	−27	−2	−23	+17	−24	−9	0	1.11
26699		05 40 26.11	+34 32 58.0	7.72		H	85.108 802 00	+34.549 444 74		5.61	−2.47	−7.84	1.06	0.69	1.19	1.30	0.74	−5	+43	−34	+32	+14	+8	+7	+53	−18	+8	0	1.33
26700		05 40 29.01	+61 56 56.0	6.86		H	85.120 881 15	+61.948 887 97		6.77	−11.10	7.63	0.61	0.48	0.80	0.76	0.56	−11	+24	−9	−31	+12	−20	+9	−10	+18	−4	2	1.06

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
26601	7.817	0.009	7.697	0.010		0.114	0.001	G	0.20	0.02	A	7.7285	0.0011	0.010	94		7.72	7.75					1							S
26602	6.274	0.003	6.384	0.004	*	−0.095	0.004	T	−0.08	0.01	L *	6.3695	0.0010	0.008	121	*	6.36	6.38		D	05393−1751	I 3	2 C	A	AB	156	0.609	0.002	1.19	0.01	S
26603	9.375	0.013	8.973	0.013		0.380	0.017	T	0.44	0.02	L	9.0231	0.0019	0.022	175		8.99	9.06		C			1							S
26604	9.060	0.016	8.299	0.014	*	0.694	0.016	T	0.75	0.01	L *	8.3866	0.0021	0.014	111	*	8.36	8.41		D	05393+1016	I 1	2 C	A	AB	318	6.193	0.011	0.69	0.02	S
26605	9.708	0.019	7.901	0.009		1.504	0.017	T	1.53	0.03	L	7.8920	0.0017	0.014	120		7.86	7.92			05393−1751	I 3	1 X							
26606	6.153	0.004	6.003	0.004		0.144	0.005	T	0.16	0.01	L	6.0315	0.0018	0.015	88		6.01	6.05	4.64	P 1 A			1							S P
26607	8.808	0.020	8.252	0.019	*	0.521	0.025	T	0.59	0.03	L *	8.3095	0.0017	0.010	58	*	8.29	8.33		D	05394+4343	I 1	2 C S A	AB	142	0.178	0.005	0.17	0.17	S
26608	8.850	0.010	8.430	0.010		0.389	0.015	G	0.45	0.02	H	8.5111	0.0018	0.019	176		8.48	8.55					1							
26609	9.410	0.023	8.902	0.022	*	0.477	0.029	T	0.55	0.03	L *	8.9319	0.0022	0.014	86	*	8.91	8.96		D	05394+1150	I 1	2 C	A	AS	51	0.275	0.010	0.40	0.13	
26610	8.416	0.007	7.837	0.007		0.543	0.007	T	0.62	0.01	L	7.8968	0.0013	0.014	185		7.87	7.92					1 G							S
26611	7.712	0.007	7.649	0.008	*	0.057	0.010	T	0.07	0.01	L *	7.6564	0.0014	0.011	78	*	7.64	7.67		D	05394+3053	H 1	2 C	B	AB	292	0.584	0.029	3.50	0.22	S
26612	7.870	0.007	7.958	0.011		−0.075	0.011	T	−0.05	0.01	L	7.9690	0.0041	0.027	105		7.92	8.02	1.84	P 1 A			1							S
26613	9.197	0.029	7.431	0.014		1.472	0.025	T	1.49	0.04	L	7.3939	0.0018	0.010	42		7.37	7.42		C			1							S
26614	11.669	0.067	10.223	0.029		1.111	0.009	G	1.19	0.01	I	10.3719	0.0028	0.032	230		10.32	10.43		C			1 S							G
26615	9.638	0.025	9.135	0.024		0.473	0.031	T	0.54	0.03	L	9.2362	0.0023	0.016	77		9.21	9.26		C			1							
26616	6.507	0.006	6.434	0.007		0.066	0.008	T	0.08	0.01	L	6.4501	0.0015	0.009	52		6.44	6.46					1							S
26617	11.268	0.116	10.539	0.106		0.640	0.040	G	0.70	0.04	R	10.4878	0.0047	0.030	75		10.44	10.53		C			1							G
26618	9.963	0.027	8.128	0.011		1.558	0.024	T	2.18	0.06	O	7.9808	0.0016	0.014	85		7.96	8.01					1							
26619	10.258	0.034	8.688	0.017		1.317	0.030	T	1.28	0.04	L	8.6950	0.0017	0.013	89		8.67	8.71		C			1							
26620	10.598	0.039	9.215	0.019		1.170	0.034	T	1.13	0.03	L	9.2368	0.0054	0.039	109		9.19	9.30		R 2			1 X							
26621	8.498	0.010	8.088	0.010		0.389	0.013	G	0.45	0.01	H	8.1434	0.0010	0.011	104		8.12	8.16		D			1							S
26622	8.655	0.016	8.528	0.019		0.123	0.023	T	0.14	0.02	L	8.5427	0.0021	0.013	67		8.51	8.56		C			1							
26623	6.350	0.004	6.467	0.004		−0.107	0.001	G	−0.09	0.00	H	6.4572	0.0008	0.007	83		6.45	6.47		C			1							S
26624	6.323	0.003	6.015	0.003		0.294	0.005	T	0.34	0.01	L	6.0604	0.0007	0.008	136		6.04	6.07		M			1							S
26625	8.212	0.012	7.822	0.012		0.399	0.015	G	0.46	0.02	H	7.8689	0.0012	0.011	86		7.85	7.89					1							S
26626	8.034	0.006	8.016	0.009	*	0.017	0.010	T	0.04	0.01	L *	8.1271	0.0017	0.018	179	*	8.10	8.16		D	05396−2509	I 1	2 C	A	AB	106	2.557	0.008	1.77	0.04	S
26627	8.817	0.009	7.360	0.005		1.228	0.008	T	1.19	0.01	L	7.4027	0.0009	0.008	127		7.39	7.41		C			1							S
26628	9.014	0.013	7.557	0.008	*	1.228	0.012	T	1.19	0.01	L *	7.5821	0.0014	0.014	91	*	7.56	7.61		D	05396−1552	H 1	2 C S A	AB	33	0.165	0.005	0.47	0.28	S
26629	8.940	0.014	8.430	0.014		0.480	0.015	G	0.55	0.02	H	8.4726	0.0017	0.013	96		8.45	8.49		C			1							S
26630	10.240	0.024	8.922	0.014		1.119	0.022	T	1.08	0.02	L	9.0153	0.0024	0.021	133		8.98	9.06					1							
26631	8.766	0.013	8.474	0.014		0.306	0.015	G	0.35	0.02	H	8.5100	0.0021	0.016	83		8.48	8.54					1							
26632	6.963	0.007	6.952	0.009		0.015	0.011	T	0.03	0.01	L	6.9736	0.0013	0.010	64		6.96	6.99		C			1							S
26633	8.479	0.013	7.052	0.007		1.205	0.012	T	1.16	0.01	L	7.0757	0.0011	0.009	79		7.06	7.09		C			1							S
26634	2.541	0.002	2.643	0.003		−0.120	0.001	G	−0.07	0.02	A	2.6124	0.0005	0.005	110		2.61	2.62		M	05396−3404	I 1	1							S
26635	10.323	0.034	9.615	0.029		0.639	0.034	T	0.70	0.03	L	9.6599	0.0028	0.022	99		9.62	9.70		C			1							
26636	10.137	0.026	8.830	0.016		1.111	0.024	T	1.07	0.03	L	8.8748	0.0020	0.018	123		8.85	8.90		C			1							
26637	8.269	0.013	8.327	0.016		−0.065	0.010	G	−0.04	0.01	H	8.3298	0.0020	0.014	80		8.30	8.35		C			1							
26638	8.263	0.007	6.370	0.003		1.606	0.006	T	1.79	0.02	O	6.2867	0.0011	0.012	172		6.27	6.31		U 2			1							S
26639	9.688	0.023	9.505	0.028		0.175	0.034	T	0.19	0.04	L	9.5562	0.0025	0.018	83		9.52	9.59		C			1							
26640	4.984	0.003	5.147	0.003		−0.150	0.005	G	−0.15	0.01	H	5.1278	0.0008	0.008	79		5.12	5.14		M			1 S							S
26641	9.685	0.020	8.982	0.017		0.647	0.010	G	0.71	0.01	H	9.0421	0.0016	0.014	107		9.02	9.07		C			1							
26642	6.763	0.006	6.860	0.007	A	−0.089	0.008	G	−0.07	0.01	H	6.8594	0.0080	0.045	110	A	6.82	7.00		D	05397−2026	I 2	1 C P A							S
26643	8.140	0.009	8.021	0.011	B	0.078	0.005	G	0.07	0.02	L	8.3005	0.0211			B				D	05397−2026	I 2	1 C I A							S
26644	7.949	0.009	7.999	0.014		−0.040	0.002	G	−0.02	0.00	H	8.0004	0.0018	0.013	78		7.98	8.02		C			1							S
26645	9.304	0.014	8.898	0.014	*	0.397	0.017	T	0.46	0.02	L *	8.9375	0.0017	0.018	129	*	8.91	8.96		D	05398−2938	H 1	2 C	A	AB	34	0.236	0.006	0.24	0.11	
26646	9.163	0.012	8.671	0.012		0.463	0.015	T	0.53	0.02	L	8.7194	0.0018	0.014	116		8.70	8.74		C			1							
26647	10.426	0.043	8.383	0.015		1.692	0.036	T	1.72	0.04	L	8.2431	0.0019	0.011	61		8.23	8.27		C			1							
26648	6.805	0.005	6.883	0.006		−0.065	0.014	G	−0.04	0.01	H	6.8835	0.0010	0.007	76		6.88	6.90		C			1							S
26649	6.600	0.004	5.537	0.003		0.913	0.002	G	0.91	0.01	G	5.6007	0.0006	0.006	130		5.59	5.61					1							S
26650	9.066	0.016	8.548	0.015		0.467	0.024	G	0.54	0.03	H	8.6028	0.0014	0.011	82		8.59	8.63		C			1							
26651	7.565	0.010	7.186	0.010		0.398	0.015	G	0.46	0.02	H	7.2150	0.0011	0.009	49		7.19	7.23					1							S
26652	8.128	0.006	7.956	0.009		0.165	0.010	T	0.18	0.01	L	7.9933	0.0016	0.019	209		7.96	8.02		U			1							S
26653	8.796	0.013	7.923	0.010		0.764	0.013	T	0.80	0.01	L	7.9866	0.0019	0.019	126		7.95	8.02		U 2			1							S
26654	9.572	0.021	9.027	0.020		0.518	0.002	G	0.59	0.00	H	9.1138	0.0015	0.013	81		9.09	9.14		D			1							
26655	7.267	0.009	7.134	0.009		0.128	0.012	T	0.14	0.01	L	7.1377	0.0013	0.011	57		7.12	7.16			05399+1301	I 1	1 S							S
26656	7.885	0.006	8.003	0.008		−0.122	0.004	G	−0.11	0.01	H	8.0007	0.0016	0.016	143		7.97	8.03	1.08	P 1 A			1							S P
26657	9.118	0.014	7.795	0.009		1.123	0.013	T	1.09	0.01	L	7.8293	0.0012	0.010	101		7.81	7.85		C			1							S
26658	9.056	0.016	8.225	0.013	A	0.874	0.060	G	0.76	0.01	L *	8.2087	0.0030	0.029	89	*	8.17	8.27		U 2	05399+3005	I 1	2 C	B	AB	184	1.165	0.029	3.15	0.19	
26659	9.168	0.017	9.184	0.022		−0.009	0.012	G	0.01	0.01	H	9.1922	0.0022	0.018	92		9.16	9.22		C			1							
26660	9.349	0.014	7.880	0.008		1.238	0.013	T	1.20	0.01	L	7.9179	0.0015	0.016	147		7.89	7.94					1							S
26661	7.941	0.008	6.880	0.006		0.940	0.015	G	0.95	0.02	A	6.9377	0.0007	0.009	126		6.92	6.95					1							S
26662	9.720	0.015	8.545	0.010		1.008	0.014	T	0.98	0.01	L	8.5795	0.0017	0.018	161		8.55	8.61					1							S
26663	10.574	0.030	8.664	0.011		1.586	0.025	T	1.61	0.03	L	8.6258	0.0018	0.020	145		8.59	8.66					1							
26664	9.744	0.026	8.736	0.019		0.827	0.005	G	0.87	0.01	H	8.8252	0.0016	0.013	73		8.80	8.84		C			1							
26665	11.279	0.065	9.454	0.022		1.518	0.054	T	1.55	0.08	L	9.5408	0.0025	0.023	100		9.51	9.58					1							
26666	8.868	0.022	7.123	0.011		1.455	0.019	T	1.46	0.03	L	7.0916	0.0015	0.009	46		7.08	7.10					1							S
26667	9.428	0.013	9.000	0.014		0.404	0.018	T	0.47	0.02	L	9.0566	0.0019	0.021	151		9.02	9.10		C			1							
26668	7.723	0.009	7.090	0.007		0.588	0.010	T	0.66	0.01	L	7.1223	0.0008	0.009	108		7.11	7.14		D			1							S
26669	9.016	0.013	8.922	0.015		0.092	0.019	T	0.10	0.02	L	8.9547	0.0097	0.046	92		8.90	9.03		U 2			1							
26670	9.961	0.027	9.448	0.026		0.470	0.020	G	0.54	0.02	H	9.5110	0.0019	0.016	87		9.48	9.54		C			1							
26671	8.667	0.007	7.275	0.004		1.177	0.006	T	1.14	0.01	L	7.3039	0.0011	0.014	245		7.27	7.32		U 2			1 S							S
26672	10.528	0.041	8.610	0.015		1.626	0.036	T	2.07	0.09	O	8.4813	0.0027	0.018	101		8.45	8.51					1							
26673	8.695	0.010	8.281	0.010	*	0.427	0.015	G	0.49	0.02	H *	8.3262	0.0014	0.016	154	*	8.31	8.36		D	05401+7646	H 1	2 C	B	AB	336	0.839	0.038	3.63	0.15	S
26674	7.649	0.006	7.668	0.008		−0.035	0.002	G	−0.01	0.00	H	7.6819	0.0009	0.012	146		7.66	7.70		C			1							S
26675						1.500	0.510	G	5.35	0.96	K	10.6152	0.5425	1.458	31		9.70	13.33	517.00	P 1 B			1 S							D P
26676	11.083	0.065	10.340	0.054		0.650	0.040	G	0.71	0.04	R	10.3314	0.0038	0.027	94		10.27	10.37					1							G
26677	7.727	0.010	7.637	0.012		0.088	0.015	T	0.10	0.02	L	7.6644	0.0018	0.008	52		7.65	7.68		C			1							S
26678	9.627	0.024	8.002	0.012		1.360	0.021	T	1.33	0.02	L	7.9914	0.0015	0.013	76		7.96	8.02		C			1							
26679	10.183	0.027	8.289	0.011		1.607	0.024	T	2.31	0.06	O	8.1143	0.0074	0.049	106		8.05	8.20		U 2			1							
26680	8.363	0.008	7.945	0.009		0.407	0.012	G	0.47	0.01	H	8.0141	0.0012	0.010	126		8.00	8.03		C			1							S
26681	9.539	0.020	8.853	0.018		0.590	0.020	G	0.66	0.02	H	8.8936	0.0024	0.018	82		8.86	8.92		C			1							
26682	8.131	0.006	7.029	0.004		0.951	0.006	T	0.94	0.00	L	7.0815	0.0005	0.009	272		7.07	7.10					1							S
26683	7.590	0.007	7.677	0.010		−0.074	0.011	T	−0.05	0.01	L	7.6520	0.0013	0.012	107		7.63	7.68					1							S
26684	9.042	0.028	8.618	0.028		0.401	0.037	T	0.47	0.04	L	8.6670	0.0038	0.021	49		8.63	8.71					1							
26685	10.039	0.026	8.959	0.018		0.934	0.024	T	0.93	0.02	L	9.0187	0.0020	0.015	93		9.00	9.05		C			1							
26686	10.884	0.057	10.443	0.060		0.401	0.017	G	0.47	0.02	H	10.4798	0.0037	0.028	96		10.44	10.52					1							G
26687	8.978	0.017	8.890	0.021		0.100	0.015	G	0.11	0.02	H	8.9202	0.0020	0.015	67		8.90	8.95		C			1							
26688	8.195	0.008	7.753	0.007		0.417	0.010	T	0.48	0.01	L	7.7988	0.0011	0.010	150		7.78	7.82		C			1							
26689	7.940	0.014	7.418	0.014		0.524	0.015	G	0.60	0.02	H	7.4783	0.0019	0.009	51		7.46	7.49					1							S
26690	8.791	0.037	8.364	0.038	B	0.448	0.020	G	0.46	0.17	L	8.4294	0.0316			B				D	05403+1521	I 2	1 C I A							
26691	8.499	0.015	7.245	0.010		1.069	0.014	T	1.03	0.01	L	7.2926	0.0012	0.009	39		7.28	7.31		C			1 G							S
26692	7.304	0.013	6.965	0.014	A	0.318	0.015	G	0.37	0.02	H	7.0586	0.0094	0.020	53	A	7.04	7.16		D	05403+1521	I 2	1 C P A							S
26693	7.055	0.005	7.039	0.005		0.019	0.007	T	0.04	0.01	L	7.0492	0.0009	0.008	149		7.04	7.06					1							S
26694	7.453	0.007	7.609	0.008		−0.117	0.008	G	−0.10	0.01	H	7.5780	0.0013	0.011	131		7.56	7.59					1							S
26695	10.567	0.044	9.116	0.023		1.223	0.039	T	1.18	0.04	L	9.1643	0.0036	0.018	79		9.14	9.19					1							
26696						0.506	0.100	G	0.58	0.10	R	11.3838	0.0103	0.054	49		11.31	11.47					1							G
26697	7.937	0.007	8.048	0.009		−0.091	0.012	G	−0.07	0.01	H	8.0397	0.0012	0.011	120		8.02	8.06		C			1							S
26698	7.975	0.006	7.889	0.007		0.078	0.008	T	0.09	0.01	L	7.9214	0.0013	0.015	201		7.89	7.95					1							S
26699	9.078	0.020	7.851	0.013		1.048	0.019	T	1.02	0.02	L	7.8859	0.0013	0.010	66		7.87	7.90		C			1							
26700	7.121	0.004	6.878	0.005		0.232	0.006	T	0.26	0.01	L	6.9241	0.0010	0.009	137		6.91	6.94		C			1 G							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
26701		05 40 29.50	−23 02 09.8	9.26		H	85.122 922 82	−23.036 066 20		0.77	1.82	1.49	0.58	0.89	1.31	0.87	1.12	−6	+10	−2	+43	−24	+0	−26	+21	−11	−24	0	1.12
26702		05 40 30.20	+75 19 40.1	8.25		H	85.125 822 95	+75.327 812 35		2.87	4.48	−1.91	0.56	0.64	0.82	0.69	0.73	−5	+6	+7	+2	+10	+2	+9	+2	−11	+7	0	−0.52
26703		05 40 30.29	−30 43 26.1	9.05		G	85.126 190 51	−30.723 902 92		9.84	120.53	142.41	0.72	0.83	1.09	0.84	0.93	−7	+26	−12	+27	−7	+33	−6	−10	−7	−10	0	−1.63
26704		05 40 30.91	−10 25 58.8	7.82		H	85.128 788 12	−10.432 992 15		6.81	−19.44	2.21	0.74	0.59	0.98	0.75	0.59	+2	+33	−10	+8	−27	+7	−27	+17	−14	−7	0	1.30
26705		05 40 31.02	+05 00 29.1	9.33		H	85.129 241 68	+05.008 074 26		8.80	−1.84	25.72	1.84	1.24	1.76	1.79	1.30	−39	+38	−4	−53	+37	−5	+32	−64	−9	−28	0	0.83
26706		05 40 31.11	+47 07 21.6	9.43		G	85.129 626 03	+47.122 669 96		4.58	57.67	−39.00	1.40	0.99	1.51	1.77	1.20	+12	−3	−19	+49	+20	−20	+18	+38	−22	+21	3	1.25
26707		05 40 31.62	−22 09 21.2	7.97		G	85.131 740 03	−22.155 898 63		7.62	−12.18	13.54	0.53	0.58	0.87	0.65	0.66	+6	+16	−5	−21	−20	+14	−19	−2	−9	+4	0	1.43
26708		05 40 32.45	+27 26 34.0	8.30	2	H	85.135 222 12	+27.442 783 66		−2.35	−1.03	−2.36	1.08	0.86	1.16	1.31	0.86	+28	+20	−30	+24	+68	−10	+42	+74	−33	+61	0	0.33
26709		05 40 32.61	−07 39 33.9	7.45		H	85.135 859 77	−07.659 424 51		5.19	25.69	8.62	0.89	0.54	1.12	0.87	0.59	−16	+53	−28	+13	−22	+1	−37	+28	−39	+6	0	1.52
26710		05 40 35.06	+55 05 57.8	8.07		G	85.146 090 65	+55.099 382 82		12.68	13.39	−105.78	0.70	0.49	1.00	0.77	0.47	+15	+30	+6	−7	+7	−20	+8	−35	+16	+0	0	−0.05
26711		05 40 35.78	+28 58 36.9	7.03		G	85.149 083 21	+28.976 915 25		3.76	1.25	1.45	0.91	0.59	0.97	0.96	0.59	+17	+43	−20	+26	+38	−5	+25	+65	−15	+31	0	0.84
26712		05 40 35.91	+31 21 29.6	6.04		H	85.149 627 67	+31.358 218 89		6.49	−5.00	−8.87	0.75	0.47	0.84	0.78	0.47	−7	+43	−16	+23	+12	+18	+8	+51	−4	+10	0	0.38
26713		05 40 37.29	−02 49 30.9	6.22		H	85.155 395 45	−02.825 241 20		1.94	1.70	1.95	0.65	0.40	0.77	0.70	0.37	+19	+36	+0	+7	−39	+14	−36	+30	−24	+11	1	−1.08
26714		05 40 39.70	−20 17 55.5	7.44	2	H	85.165 420 69	−20.298 746 99	*	5.87	26.11	−10.69	0.71	0.72	1.19	1.32	1.21	+12	+11	+10	−17	−2	+46	+5	−26	−18	−11	0	1.01
26715		05 40 40.26	−21 13 48.1	8.24		H	85.167 744 39	−21.230 019 39		2.92	−4.46	−5.36	0.90	0.70	1.15	1.03	0.83	−19	+34	−18	−27	−37	+9	−44	+17	−14	−14	0	1.69
26716		05 40 40.60	−03 55 11.3	9.19		G	85.169 148 52	−03.919 804 85		2.23	3.81	−1.01	1.06	0.72	1.31	1.22	0.71	+14	+27	−2	+9	−33	+9	−31	+33	−18	+21	0	−0.26
26717		05 40 41.19	+45 42 27.4	8.20		H	85.171 617 14	+45.707 605 37		4.75	3.56	−23.86	1.09	0.86	1.15	1.14	0.88	+29	+27	−18	+47	+37	−6	+32	+41	−13	+45	0	0.81
26718		05 40 42.05	+31 55 14.2	6.23	2	H	85.175 208 77	+31.920 617 92		2.38	0.46	−4.28	0.88	0.56	0.97	0.97	0.57	+7	+37	−13	+22	+29	+5	+20	+52	−9	+17	0	−0.37
26719		05 40 42.09	+06 55 59.3	10.78		H	85.175 389 64	+06.933 136 09		6.77	8.84	−1.33	2.05	1.56	2.47	1.97	1.62	−20	+45	−34	−16	−11	+9	+11	−61	+27	+16	0	−0.43
26720		05 40 42.41	+52 34 12.4	7.21		H	85.176 707 39	+52.570 121 30		4.62	−6.03	−9.73	0.86	0.59	1.08	0.94	0.61	+44	+42	+30	+23	+36	−10	+39	+10	+17	+27	0	2.49
26721		05 40 42.59	−53 13 02.1	7.58		H	85.177 443 36	−53.217 262 42		3.23	2.13	16.80	0.53	0.52	0.57	0.59	0.66	+5	−10	−22	+8	−16	+11	−15	−4	+0	+9	0	−0.88
26722		05 40 42.98	−36 35 05.9	7.84		G	85.179 071 31	−36.584 961 06		19.05	−124.73	28.15	0.56	0.66	0.75	0.61	0.78	+1	−9	−29	−7	−11	+19	−9	−24	+12	−5	0	2.99
26723		05 40 43.60	−53 04 27.6	8.56		H	85.181 646 94	−53.074 325 53		6.63	22.68	53.30	0.63	0.70	0.72	0.70	0.88	−3	+4	−15	+7	−10	+17	−9	+5	+10	+12	0	−1.35
26724		05 40 44.39	−12 13 45.6	7.88		H	85.184 972 33	−12.229 335 47		4.93	3.71	−2.03	0.72	0.58	0.91	0.71	0.59	+13	+22	−3	−4	−39	−5	−39	+9	−14	−4	0	0.23
26725		05 40 44.96	−25 40 21.6	8.83		H	85.187 320 75	−25.672 674 87		1.30	0.10	6.97	0.56	0.71	0.94	0.73	0.83	−2	+11	−1	+16	−2	+14	−3	+23	−10	−6	0	1.20
26726		05 40 45.25	−13 40 56.7	8.54		H	85.188 533 15	−13.682 430 23		3.48	4.20	1.18	0.98	0.85	1.16	1.00	0.95	−9	+15	−9	+15	−41	−1	−43	+34	−9	−13	0	1.18
26727	H	05 40 45.52	−01 56 33.3	1.74		H	85.189 686 72	−01.942 578 41	A	3.99	3.99	2.54	0.70	0.41	0.79	0.74	0.40	+15	+28	−15	−20	−37	+17	−42	+5	−35	−2	9	0.87
26728		05 40 46.19	−10 24 31.2	6.46	1	H	85.192 467 78	−10.408 663 70		6.08	−1.59	−0.03	0.64	0.47	0.77	0.64	0.49	+18	+36	+3	+1	−25	−1	−27	+6	−16	+0	0	0.62
26729		05 40 46.39	+09 15 56.2	7.96		G	85.193 274 46	+09.265 615 27		13.68	−53.23	−70.03	0.86	0.63	1.06	0.89	0.66	−5	+42	−34	−19	−13	−7	−3	−60	+27	+8	0	−0.05
26730	H	05 40 46.44	+26 59 54.1	9.02		H	85.193 500 67	+26.998 355 17	*	5.94	23.11	−75.82	2.42	2.10	1.86	2.03	1.32	+16	+2	−27	+19	+45	−15	+24	+65	−42	+45	1	0.52
26731		05 40 46.68	−28 16 24.2	9.28		H	85.194 519 31	−28.273 392 90		8.18	−17.97	11.74	0.79	0.88	1.26	0.98	1.03	−9	+22	−3	−3	−1	+16	−4	+2	−14	−5	0	1.19
26732		05 40 46.73	+25 15 53.0	8.55		H	85.194 722 02	+25.264 722 49		1.76	−1.24	−9.71	1.26	0.79	1.37	1.76	1.09	+2	+42	−16	+9	+17	+15	+19	+14	+7	+12	0	−0.42
26733		05 40 47.35	+37 19 55.1	8.29		H	85.197 294 85	+37.331 972 15		3.61	−6.63	−8.17	1.14	0.75	1.20	1.29	0.83	−26	+42	−13	+44	−24	+3	−20	+61	−1	−34	0	−0.99
26734		05 40 48.29	+17 11 45.7	8.90		H	85.201 223 58	+17.196 029 73		1.75	0.92	−1.41	1.30	0.86	1.34	2.11	1.21	+8	+11	−21	−41	−2	+21	−1	−38	+15	+36	0	0.94
26735		05 40 48.99	−31 24 06.7	8.66	2	H	85.204 141 45	−31.401 863 98		3.34	12.93	−26.17	0.62	0.69	0.87	0.68	0.76	−17	+22	−18	+6	−4	+20	−2	−15	−4	−17	1	1.16
26736		05 40 50.72	−01 07 43.6	4.95		H	85.211 315 77	−01.128 785 69		1.56	−1.85	−0.68	0.74	0.43	0.85	0.83	0.44	+2	+35	+1	+22	−4	−5	−13	+32	−28	+10	9	1.30
26737		05 40 52.01	−31 21 00.8	7.84		H	85.216 693 61	−31.350 219 79		27.15	−58.03	−365.31	0.50	0.55	0.70	0.55	0.64	−15	+22	−12	+14	−11	+17	−13	−9	−11	−20	0	0.20
26738		05 40 52.43	−29 43 14.7	7.02		H	85.218 475 05	−29.720 741 70		2.31	−0.45	8.74	0.51	0.52	0.71	0.58	0.61	−12	+14	−15	−27	+1	+4	−1	−2	−14	−6	0	0.86
26739		05 40 54.42	−31 59 47.1	8.45		H	85.226 748 72	−31.996 424 39		1.85	18.71	37.33	0.64	0.71	0.90	0.75	0.81	−14	+24	−24	−5	−5	+11	−2	−16	+2	−7	1	0.75
26740		05 40 54.62	−11 11 59.8	6.86		H	85.227 595 34	−11.199 936 81		3.83	37.56	−48.25	0.64	0.56	0.81	0.63	0.54	+19	+16	−13	−3	−44	+1	−44	−8	−5	+4	0	1.18
26741		05 40 55.75	−72 16 28.1	8.60		H	85.232 311 81	−72.274 470 32		10.70	−3.31	−28.43	0.63	0.60	0.72	0.68	0.92	−8	+13	+6	−8	−9	+14	−17	−37	−19	−7	0	−0.20
26742		05 40 56.37	−01 30 25.9	6.99	1	G	85.234 869 04	−01.507 186 17		1.96	3.11	2.09	0.82	0.48	0.98	1.01	0.53	+9	+34	−12	+7	−2	−11	−15	+38	−36	+31	6	0.95
26743		05 40 57.68	−03 50 35.4	7.30		H	85.240 316 08	−03.843 155 09		1.96	10.63	1.86	0.75	0.48	0.87	0.85	0.47	+18	+22	+0	+5	−32	+4	−30	+30	−20	+25	0	−1.60
*26744		05 40 57.82	+32 53 45.6	6.74		H	85.240 936 06	+32.895 993 54		16.13	−0.20	−1.21	0.79	0.54	0.90	0.96	0.57	+8	+28	−12	+22	+17	+9	+12	+53	−11	+11	2	−0.08
*26745		05 40 57.81	−69 15 31.1	10.80		G	85.240 863 64	−69.258 652 50		−2.26	0.86	−1.95	1.47	1.69	1.56	2.11	2.16	−27	+7	−15	−28	+26	+13	+19	−52	+1	−55	0	1.86
26746	H	05 40 59.34	+39 03 11.7	8.71		H	85.247 252 63	+39.053 253 24	A	5.08	−5.39	−10.03	1.97	1.44	1.95	2.50	1.53	+8	+16	−15	+2	+33	+10	+32	+42	+4	+26	1	0.39
26747		05 40 59.48	−21 32 37.8	7.80		H	85.247 830 06	−21.543 833 16		9.85	−31.50	−3.85	0.64	0.56	0.88	0.87	0.63	+0	+9	−6	−50	−22	+19	−19	+0	−3	+1	1	1.84
26748		05 40 59.70	+16 02 40.0	8.85		H	85.248 762 94	+16.044 446 28		1.72	0.52	−20.42	1.47	0.99	1.62	2.18	1.34	+25	+29	−23	−24	−32	+23	−21	−44	+10	+59	0	−0.28
26749		05 40 59.89	−01 09 32.5	8.80		G	85.249 550 54	−01.159 040 03		3.68	−5.60	−6.64	3.94	2.37	4.35	4.17	2.32	+6	+28	−10	−14	−15	+16	−15	−7	−8	+13	0	
26750		05 41 00.40	−08 03 16.0	8.05		H	85.251 652 28	−08.054 455 05		3.12	1.33	−9.44	0.75	0.53	1.02	0.76	0.56	+2	+42	−14	−2	−20	−13	−31	+17	−32	+10	0	−0.08
26751		05 41 01.54	−54 44 21.9	8.11		H	85.256 401 03	−54.739 414 89		2.87	−5.52	−27.64	0.67	0.63	0.70	0.75	0.75	−2	−3	−13	−2	−18	+20	−17	−11	+13	+1	1	0.41
26752		05 41 02.29	−02 43 00.7	7.93	2	H	85.259 543 49	−02.716 867 24		1.13	3.89	−0.77	0.89	0.51	1.07	0.96	0.48	+12	+38	−7	+6	−45	+23	−43	+26	−30	+2	0	0.74
*26753		05 41 02.49	+68 47 55.0	8.93	3	H	85.260 393 51	+68.798 612 73		1.55	−0.81	2.70	0.57	0.62	0.91	0.78	0.74	+2	−3	−4	+6	+17	+11	+15	+10	+6	−4	0	1.15
*26754		05 41 02.47	+28 06 23.1	9.35	3	H	85.260 277 36	+28.106 409 03		0.25	5.26	−14.47	1.49	1.02	1.54	2.11	1.04	+30	+20	−23	+35	+44	−18	+33	+69	−22	+29	0	−0.09
26755		05 41 02.50	−25 30 26.5	8.24		H	85.260 416 38	−25.507 365 68		3.12	1.18	5.30	0.50	0.65	0.89	0.64	0.76	−1	+0	−3	+8	−8	+7	−6	+24	−8	−9	2	0.85
26756		05 41 02.67	−02 18 17.3	7.52		H	85.261 115 88	−02.304 815 61		11.04	2.27	−49.07	0.95	0.58	1.35	1.29	0.53	+9	+21	−38	+0	−56	+47	−43	+27	−32	+4	0	0.00
26757		05 41 03.31	+41 21 40.2	8.61		H	85.263 789 44	+41.361 154 56		3.30	−11.78	−4.47	1.15	0.95	1.23	1.53	1.13	+15	+27	−25	+27	+34	−8	+29	+58	−8	+22	0	0.12
26758		05 41 03.73	+78 58 42.1	9.27	2	H	85.265 550 03	+78.978 374 83		1.81	−1.94	8.54	0.73	0.81	1.00	0.79	0.89	+6	+16	−2	+10	+6	+14	+7	+11	+4	+22	1	−0.12
26759		05 41 04.26	+26 07 41.4	8.82		H	85.267 738 91	+26.128 172 87		10.06	4.14	−51.69	1.38	0.83	1.52	1.48	1.03	−4	+52	−24	+16	+21	+12	+22	+16	+6	+54	3	0.21
26760		05 41 04.94	−61 51 28.2	9.65	2	H	85.270 589 58	−61.857 834 02		4.90	−13.64	−0.19	0.78	0.93	0.88	0.85	1.10	−5	+2	+10	+5	−13	+2	−14	+14	+11	−15	0	1.46
26761		05 41 05.46	+24 21 00.8	7.60		G	85.272 769 76	+24.350 215 59		17.34	−11.24	17.63	1.01	0.63	1.17	1.29	0.80	−2	+35	−20	+0	+16	+26	+16	+10	−3	+23	0	1.91
26762		05 41 05.59	+00 20 15.7	5.93		H	85.273 285 14	+00.337 686 02		19.46	12.30	27.76	0.98	0.64	1.04	1.05	0.67	−55	+63	−42	−28	+36	−20	+26	−48	+6	−43	0	0.01
26763		05 41 05.67	+39 38 07.7	7.85		H	85.273 643 38	+39.635 467 06		9.15	−68.54	−22.17	0.93	0.71	1.00	1.01	0.71	−21	+33	−14	+25	+9	+6	+6	+40	+3	−1	2	0.21
26764		05 41 06.14	+40 52 57.4	7.78		H	85.275 579 10	+40.882 598 41		4.65	0.59	−8.32	0.89	0.69	0.97	1.03	0.80	+5	+38	−14	+28	+15	−10	+15	+55	+2	+4	0	2.77
26765		05 41 06.45	+28 13 03.8	10.46		H	85.276 867 54	+28.217 714 21		4.55	3.56	−4.46	1.99	1.38	2.17	2.84	1.43	+12	+10	−35	+31	+41	−26	+24	+64	−30	+25	0	−0.56
26766		05 41 08.13	−03 37 57.2	7.90		G	85.283 857 94	−03.632 558 07		1.27	1.34	−3.11	0.80	0.52	0.97	0.91	0.50	+19	+27	+3	+8	−37	+8	−34	+30	−20	+21	0	−0.37
26767		05 41 09.70	+04 14 23.8	8.81		H	85.290 432 57	+04.239 954 99		6.01	26.09	−10.78	1.39	1.16	1.59	1.62	1.27	+3	+26	−43	−42	−29	+19	−10	−69	+33	+36	4	−0.47
26768		05 41 10.81	−54 27 51.6	7.86		H	85.295 036 59	−54.464 345 44		1.00	−6.80	−34.40	0.64	0.61	0.65	0.68	0.74	+7	−2	−11	−6	−16	+14	−18	−17	+2	−3	0	0.52
26769		05 41 11.46	+52 10 19.4	8.21		G	85.297 753 83	+52.172 051 24		8.66	−3.17	−65.84	0.87	0.66	1.06	1.01	0.71	+50	+36	+22	+15	+41	−19	+40	+12	+1	+29	4	1.71
26770		05 41 11.69	+20 03 45.1	8.11		H	85.298 721 50	+20.062 531 18		0.85	−2.08	−3.07	1.18	0.87	1.23	1.51	1.18	+26	+30	−19	+25	+27	+1	+26	+31	+4	+56	0	1.89
26771		05 41 12.70	−58 29 55.1	7.94		H	85.302 917 01	−58.498 629 33		3.73	12.90	57.97	0.66	0.67	0.74	0.76	0.82	+0	−8	−27	−4	−5	−23	−15	−7	+14	+1	0	0.77
26772		05 41 13.10	−57 26 28.3	9.23	2	H	85.304 581 33	−57.441 205 54		4.91	11.90	15.96	0.77	0.83	0.84	0.76	1.02	+5	−27	−24	+1	−22	+6	−26	−3	+6	+8	2	1.51
26773		05 41 14.59	−78 37 53.0	8.95		H	85.310 796 57	−78.631 383 45		0.88	−4.74	9.15	0.76	0.72	0.79	0.81	0.91	−9	+22	−6	−16	−4	+1	−5	+7	−4	−11	0	0.49
26774		05 41 15.08	+33 55 08.2	6.93		H	85.312 850 29	+33.918 955 86		8.22	13.83	−16.61	0.89	0.59	1.00	1.10	0.65	+4	+36	−29	+27	+14	+2	+12	+46	−4	+17	0	−0.57
26775		05 41 16.94	−26 20 48.1	7.54		G	85.320 568 86	−26.346 686 48	A	14.29	−138.28	6.23	1.24	1.54	1.54	1.35	1.72	−2	+4	+5	−5	−9	−20	−8	+22	−6	−5	4	1.21
*26776		05 41 17.77	−26 21 11.5	9.27		H	85.324 021 27	−26.353 199 97	B	13.96	−140.28	12.20	9.23	11.04	8.07	6.84	8.44	+1	+1	+1	−5	−4	−10	−4	+16	−6	−1	4	1.21
*26777	H	05 41 17.72	+16 32 03.1	4.84		G	85.323 814 26	+16.534 183 18	A	4.36	5.42	−14.54	3.56	2.24	1.23	2.25	1.17	+28	−4	−12	−50	−22	+32	−19	−48	+5	+40	0	−0.43
26778		05 41 20.00	−01 19 35.5	8.77		G	85.333 338 19	−01.326 538 70		1.99	−4.66	−3.00	1.12	0.68	1.34	1.46	0.72	+9	+27	−10	+1	−4	−7	−11	+10	−27	+17	6	1.44
26779		05 41 20.33	+53 28 56.4	6.21	1	H	85.334 720 92	+53.482 330 45		81.69	2.70	−523.61	0.66	0.47	0.83	0.75	0.49	+43	+30	+7	−6	−4	−2	−1	−37	+24	+35	0	0.17
26780	H	05 41 20.58	−35 14 49.3	8.42		H	85.335 745 75	−35.247 033 44	A	7.39	−4.30	17.88	3.88	4.66	3.96	3.69	6.11	+0	+2	−11	−1	+5	+9	+6	−10	−21	+16	3	2.61
26781		05 41 20.97	+29 29 14.9	6.40		H	85.337 360 27	+29.487 480 98	A	6.49	16.34	−25.72	1.99	1.29	1.75	1.81	1.07	+5	+33	−24	+11	+31	−6	+18	+57	−22	+16	7	0.42
26782		05 41 21.19	+02 21 40.8	8.63		H	85.338 274 04	+02.361 338 20		3.71	0.67	−16.05	1.33	0.90	1.22	1.57	0.98	+31	+17	−12	−52	−38	+6	−35	−60	+4	+26	0	−1.92
26783		05 41 21.46	+29 29 40.1	7.17		G	85.339 408 39	+29.494 481 08	B	4.10	6.24	−23.07	8.60	5.01	4.55	5.27	2.95	−8	+32	−16	−6	+34	−2	+14	+48	−21	+18	7	0.42
26784		05 41 21.70	−14 22 47.6	8.80		H	85.340 407 65	−14.379 888 86		2.43	0.65	−11.17	0.90	0.82	1.16	0.93	0.86	−9	+16	−9	+23	−31	−4	−32	+28	−11	−13	0	−0.04
26785		05 41 22.40	−06 56 06.7	7.64		H	85.343 353 06	−06.935 197 66		2.45	2.86	−0.29	0.74	0.49	0.92	0.92	0.53	+10	+14	−9	+5	−24	+2	−23	+22	−25	+20	0	1.27
26786		05 41 22.60	+17 31 19.9	6.97	2	H	85.344 180 73	+17.522 190 78		0.76	−1.55	−4.51	1.04	0.71	1.08	1.59	1.06	+28	+2	−15	−37	−14	+30	−14	−30	+11	+61	0	0.01
26787		05 41 23.40	−35 42 49.7	9.00		H	85.347 495 51	−35.713 803 23		18.23	6.04	−118.21	0.64	0.73	0.86	0.75	0.93	−6	+9	−15	+10	−8	+15	−7	−22	−10	−6	0	−0.20
26788		05 41 23.50	−50 45 17.3	8.16	2	H	85.347 920 44	−50.754 796 43		1.09	7.10	15.38	0.62	0.69	0.71	0.67	0.77	+2	+6	−20	−6	−14	+4	−14	−16	+9	−4	0	0.66
26789		05 41 24.50	+38 54 28.4	8.40		H	85.352 083 87	+38.907 884 00		3.72	−5.86	−15.71	1.00	0.71	1.13	1.36	0.82	−4	+24	−18	−1	+15	+22	+14	+19	+19	+30	0	0.02
26790		05 41 24.72	+77 32 10.6	8.05		G	85.352 985 93	+77.536 286 97		4.92	−4.83	−17.39	0.51	0.58	0.72	0.53	0.66	+5	+15	+4	−8	−1	−3	−2	+19	+5	+11	0	0.59
26791		05 41 25.13	−42 16 24.0	8.60		H	85.354 709 81	−42.273 340 55		2.93	−1.11	−3.52	0.69	0.81	0.86	0.75	1.13	−10	+1	−13	−10	+0	+8	+1	−7	+3	−3	0	−0.09
26792		05 41 25.87	+09 11 54.1	7.48		G	85.357 805 55	+09.198 351 26		2.62	0.98	−1.86	0.80	0.60	0.96	0.86	0.65	+2	+40	−33	−20	−9	−5	+0	−56	+23	+18	0	1.33
26793		05 41 26.11	+57 47 23.1	9.98		H	85.358 790 92	+57.789 761 79		2.38	−18.57	−6.87	1.22	0.98	1.51	1.54	1.03	+15	+6	+3	−28	−21	+8	−19	−35	−4	−3	0	0.79
26794		05 41 26.25	−59 46 02.5	8.38		H	85.359 363 22	−59.767 354 15		7.15	23.51	57.25	0.64	0.68	0.68	0.72	0.87	−15	−2	−7	+8	−2	−16	−3	+8	+4	−22	0	1.02
26795		05 41 26.77	+03 46 40.9	6.82	2	T	85.361 534 44	+03.778 024 27		6.93	34.52	6.16	0.88	0.76	1.13	1.11	0.81	+5	+9	−54	−39	−27	+21	−12	−60	+40	+31	0	1.39
26796		05 41 26.92	−33 24 02.6	6.35		G	85.362 173 59	−33.400 711 60		7.55	4.96	−12.26	0.40	0.44	0.55	0.44	0.52	−6	+14	−15	+9	−13	+17	−12	+3	−4	−9	1	2.24
26797		05 41 27.55	−06 46 07.5	9.22		G	85.364 784 16	−06.768 744 02		1.96	0.74	−1.11	1.06	0.73	1.32	1.35	0.79	+5	+8	−4	−5	−21	+1	−20	+20	−23	+10	0	0.89
26798		05 41 28.97	+13 08 53.9	9.22		H	85.370 712 96	+13.148 299 72		1.86	−0.64	−5.19	1.57	0.84	1.80	1.28	0.74	−33	+57	−44	−29	−12	+12	+9	−58	+20	+11	0	−0.40
26799		05 41 29.08	+34 48 46.7	9.13		H	85.371 166 57	+34.812 968 71		16.05	65.82	−20.40	1.35	1.04	1.43	1.63	1.09	+5	+28	−24	+39	+21	−1	+11	+66	−20	+17	0	−0.40
26800		05 41 30.21	−17 42 55.0	8.02		H	85.375 870 68	−17.715 277 45		4.30	−8.76	−5.64	0.66	0.64	0.94	0.87	0.77	−15	+20	−22	+18	−27	+2	−27	+19	−14	+0	0	1.48

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
26701	9.483	0.011	9.276	0.013		0.198	0.016	T	0.22	0.02	L	9.3270	0.0019	0.024	249		9.29	9.37					1							
26702	10.298	0.022	8.421	0.009		1.560	0.019	T	1.58	0.02	L	8.3703	0.0013	0.018	162		8.34	8.40		C			1							
26703	9.791	0.018	9.115	0.016		0.611	0.003	G	0.68	0.00	H	9.1806	0.0022	0.020	135		9.14	9.23		C			1							
26704	8.101	0.009	7.849	0.011		0.240	0.013	T	0.27	0.02	L	7.8877	0.0014	0.012	87		7.87	7.92		C			1							S
26705	9.896	0.027	9.393	0.026		0.473	0.034	T	0.54	0.04	L	9.4306	0.0035	0.021	70		9.41	9.47		C			1							
26706	9.907	0.033	9.460	0.034		0.390	0.015	G	0.46	0.02	H	9.5254	0.0029	0.019	55		9.48	9.58					1 S							
26707	8.480	0.008	8.010	0.007		0.450	0.015	G	0.52	0.02	H	8.0677	0.0014	0.017	166		8.04	8.10					1							S
26708	8.513	0.014	8.363	0.016		0.311	0.015	G	0.36	0.02	H	8.3794	0.0138	0.098	67		8.27	8.52	9.14	P 1 A			1							
26709	8.975	0.013	7.571	0.008		1.163	0.020	G	1.12	0.02	H	7.6159	0.0010	0.011	90		7.60	7.63		C			1							S
26710	8.586	0.008	8.136	0.008		0.468	0.015	G	0.54	0.02	H	8.1786	0.0013	0.015	178		8.15	8.21		C			1							S
26711	8.485	0.011	7.164	0.007		1.122	0.010	T	1.14	0.02	A	7.1855	0.0009	0.008	82		7.17	7.20		C			1							S
26712	6.071	0.003	6.036	0.003		0.037	0.004	T	0.05	0.00	L	6.0547	0.0006	0.004	77		6.04	6.06		C			1							S
26713	5.953	0.003	6.177	0.003		−0.194	0.004	T	−0.20	0.01	L	6.1451	0.0005	0.006	146		6.14	6.16					1							S
26714	8.814	0.011	7.572	0.007		1.060	0.010	T	1.03	0.01	L	7.6043	0.0044	0.047	111		7.53	7.68		U 2			1 V							S P
26715	9.935	0.017	8.361	0.009		1.320	0.015	T	1.28	0.02	L	8.3899	0.0012	0.016	179		8.36	8.42					1 G							
26716	9.202	0.014	9.183	0.018		0.025	0.008	G	0.04	0.01	H	9.2076	0.0020	0.019	131		9.18	9.24					1 S							
26717	8.572	0.016	8.210	0.017		0.352	0.021	T	0.41	0.02	L	8.2892	0.0027	0.013	60		8.26	8.32		C			1							S
26718	8.954	0.014	6.466	0.005		2.088	0.019	G	2.54	0.03	C	6.2431	0.0111	0.057	75		6.13	6.30		U 2			1 S							S
26719	11.083	0.064	10.572	0.064		0.480	0.082	T	0.55	0.09	L	10.8382	0.0029	0.031	81		10.78	10.88		D			1							G
26720	8.418	0.013	7.326	0.006		0.944	0.011	T	0.93	0.01	L	7.3731	0.0010	0.011	123		7.36	7.39		C			1							S
26721	7.687	0.007	7.589	0.009		0.088	0.010	T	0.10	0.01	L	7.6132	0.0010	0.009	108		7.60	7.63		C			1							S
26722	8.475	0.010	7.904	0.009		0.554	0.015	G	0.63	0.01	H	7.9556	0.0011	0.010	119		7.93	7.98					1							S
26723	8.978	0.013	8.619	0.014		0.340	0.018	T	0.40	0.02	L	8.6404	0.0017	0.016	110		8.62	8.67		C			1							
26724	9.107	0.013	7.976	0.009		0.973	0.012	T	0.96	0.01	L	8.0393	0.0016	0.013	99		8.02	8.06					1							
26725	8.742	0.009	8.802	0.012		−0.051	0.013	T	−0.03	0.01	L	8.8162	0.0014	0.020	165		8.78	8.85		C			1							
26726	9.855	0.022	8.619	0.014		1.055	0.020	T	1.02	0.02	L	8.7053	0.0021	0.019	80		8.68	8.75		C			1							
26727	1.566	0.005	1.697	0.004	*	−0.199	0.022	G	−0.18	0.02	A	* 1.6812	0.0011	0.009	88	*	1.67	1.69		D	05408−0156	I 1	2 C A	AB	164	2.419	0.006	2.13	0.03	S P
26728	6.296	0.004	6.442	0.006		−0.127	0.006	T	−0.12	0.01	L	6.4231	0.0022	0.014	87		6.40	6.45	1.10	P 1 A			1							S P
26729	8.743	0.013	8.037	0.011		0.652	0.015	G	0.72	0.01	H	8.0931	0.0008	0.008	96		8.08	8.10					1							S
26730	9.815	0.036	9.123	0.030	*	0.639	0.039	T	0.70	0.04	L	* 9.1559	0.0022	0.015	65	*	9.13	9.18		D	05408+2700	H 1	2 C A	AB	87	0.264	0.008	0.05	0.23	
26731	9.873	0.017	9.330	0.016		0.500	0.020	G	0.57	0.02	H	9.3885	0.0024	0.024	152		9.35	9.45		C			1							
26732	9.919	0.034	8.699	0.021		1.043	0.031	T	1.01	0.03	L	8.7127	0.0016	0.013	52		8.70	8.73		C			1							
26733	8.502	0.014	8.324	0.016		0.171	0.020	T	0.19	0.02	L	8.3509	0.0012	0.011	70		8.33	8.37					1							S
26734	9.054	0.019	8.876	0.023		0.163	0.029	T	0.18	0.03	L	8.9536	0.0025	0.015	49		8.93	8.97		C			1							
26735	10.070	0.022	8.790	0.013		1.089	0.020	T	1.05	0.02	L	8.8327	0.0030	0.035	147		8.78	8.89		U 2			1 S							
26736	4.679	0.003	4.902	0.003		−0.197	0.004	G	−0.21	0.02	A	4.8716	0.0005	0.005	94		4.86	4.88		C			1							S
26737	8.653	0.009	7.912	0.008		0.648	0.005	G	0.71	0.00	H	7.9775	0.0012	0.013	149		7.96	8.01					1							S
26738	8.217	0.008	7.115	0.006		0.951	0.008	T	0.94	0.01	L	7.1805	0.0009	0.009	137		7.16	7.20		C			1							S
26739	9.840	0.018	8.565	0.011		1.086	0.016	T	1.05	0.01	L	8.6207	0.0019	0.018	135		8.59	8.65		C			1							
26740	8.303	0.009	6.995	0.005		1.111	0.008	T	1.07	0.01	L	7.0264	0.0011	0.011	101		7.01	7.05					1							S
26741	9.206	0.015	8.642	0.014		0.532	0.015	T	0.60	0.02	L	8.7160	0.0020	0.018	101		8.69	8.74					1							
26742	6.810	0.006	6.971	0.008		−0.139	0.007	G	−0.13	0.01	H	6.9520	0.0018	0.015	101		6.93	6.97	1.54	P 1 A			1							S P
26743	9.164	0.012	7.448	0.006		1.432	0.011	T	1.42	0.02	L	7.4363	0.0015	0.012	140		7.42	7.45					1							S
26744	7.307	0.006	6.790	0.006		0.491	0.007	G	0.56	0.01	H	6.8474	0.0008	0.007	81		6.84	6.86					1							S
26745	11.173	0.084	10.844	0.098		0.347	0.013	G	0.41	0.02	H	10.8681	0.0054	0.042	87		10.76	10.92					1							D
26746	10.084	0.044	8.873	0.026	A	0.733	0.126	G	0.91	0.06	L	* 8.8694	0.0024	0.015	53	*	8.83	8.88		D	05410+3903	M 1	2 C B	AB	253	1.473	0.036	2.69	0.11	
26747	8.253	0.007	7.847	0.007		0.398	0.015	G	0.46	0.02	H	7.8922	0.0011	0.014	163		7.87	7.92		C			1							S
26748	10.442	0.063	9.026	0.031		1.196	0.055	T	1.16	0.05	L	9.0137	0.0027	0.011	38		8.99	9.03					1							
26749	8.958	0.021	8.857	0.026		0.100	0.000	G	0.11	0.00	H	8.8347	0.0021	0.017	92		8.81	8.87		C			1 X							
26750	8.152	0.008	8.065	0.010		0.085	0.012	T	0.10	0.01	L	8.0842	0.0012	0.011	96		8.06	8.10					1							S
26751	10.034	0.025	8.278	0.011		1.464	0.022	T	1.47	0.03	L	8.2398	0.0011	0.012	101		8.22	8.26					1							
26752	7.954	0.008	7.932	0.010		0.025	0.012	T	0.04	0.01	L	7.9459	0.0019	0.019	128		7.91	7.98		U 2			1							S
26753	12.336	0.149	9.289	0.017		2.700	0.510	G	2.70	0.52	J	8.9066	0.0981	0.495	160		8.30	9.49	326.50	P 1 B			1 S							P
26754	11.396	0.091	9.588	0.030		1.536	0.079	T	4.17	0.21	O	8.7187	0.0929	0.397	72		8.40	9.37	141.00	P 1 A			1 S							G
26755	8.124	0.007	8.213	0.008		−0.076	0.009	T	−0.06	0.01	L	8.2199	0.0014	0.017	182		8.20	8.26					1							S
26756	7.857	0.010	7.546	0.010		0.282	0.015	G	0.32	0.02	H	7.5893	0.0012	0.010	110		7.57	7.61		C			1							S
26757	10.431	0.049	8.790	0.021		1.373	0.042	T	1.34	0.05	L	8.7578	0.0019	0.016	63		8.73	8.78		C			1							
26758	11.628	0.077	9.490	0.020		1.767	0.064	T	1.79	0.07	L	9.3660	0.0037	0.049	147		9.28	9.46		U 2			1 S							
26759	9.308	0.028	8.870	0.028		0.413	0.036	T	0.48	0.04	L	8.9183	0.0018	0.014	58		8.90	8.94		C			1							
26760	10.160	0.025	9.708	0.026		0.440	0.029	T	0.51	0.03	L	9.7486	0.0039	0.043	106		9.70	10.04	1.09	P 1 A			1 S							
26761	8.180	0.012	7.673	0.015		0.519	0.015	G	0.59	0.02	H	7.7194	0.0012	0.008	42		7.70	7.73					1							S
26762	6.287	0.004	5.959	0.004		0.311	0.005	T	0.36	0.01	L	6.0019	0.0009	0.006	71		5.99	6.01		C			1							S
26763	8.286	0.017	7.897	0.016		0.417	0.004	G	0.48	0.00	H	7.9428	0.0014	0.011	57		7.92	7.96		C			1							S
26764	8.082	0.012	7.806	0.014		0.263	0.017	T	0.30	0.02	L	7.8491	0.0020	0.011	63		7.83	7.87		C			1							S
26765	11.100	0.061	10.533	0.060		0.530	0.076	T	0.60	0.08	L	10.5801	0.0050	0.029	70		10.52	10.62					1							G
26766	7.763	0.007	7.861	0.009		−0.105	0.000	G	−0.09	0.00	H	7.8721	0.0013	0.012	140		7.85	7.89					1							S
26767	9.276	0.022	8.854	0.022		0.399	0.029	T	0.46	0.03	L	8.9007	0.0017	0.018	69		8.87	8.93		C			1							
26768	9.636	0.020	8.005	0.010		1.365	0.018	T	1.33	0.02	L	8.0145	0.0016	0.014	106		7.99	8.04		C			1							S
26769	8.677	0.011	8.250	0.011		0.400	0.001	G	0.47	0.00	H	8.3112	0.0015	0.012	114		8.28	8.33		C			1							
26770	10.464	0.045	8.327	0.015		1.730	0.020	G	1.74	0.09	H	8.2139	0.0026	0.017	56		8.18	8.24		C			1							
26771	9.653	0.021	8.090	0.011		1.311	0.019	T	1.27	0.02	L	8.0992	0.0017	0.017	95		8.07	8.12					1							
26772	9.542	0.019	9.251	0.021		0.276	0.030	T	0.31	0.04	L	9.2998	0.0025	0.023	95		9.26	9.35		U 2 C			1							
26773	10.418	0.032	9.080	0.018		1.135	0.029	T	1.10	0.03	L	9.1140	0.0017	0.016	121		9.09	9.15					1							
26774	8.290	0.012	7.036	0.006		1.069	0.010	T	1.03	0.01	L	7.1012	0.0011	0.007	74		7.09	7.11		C			1							
26775	8.070	0.006	7.588	0.006	A	0.486	0.015	G	0.56	0.02	H	7.6519	0.0102	0.017	167	A	7.61	7.68		D	05413−2621	I 2	1 C P B							S
26776	9.957	0.020	9.293	0.017	B	0.615	0.022	T	0.68	0.02	L	9.4131	0.0381			B				D	05413−2621	I 2	1 C I B							
26777	4.677	0.003	4.819	0.003	*	−0.125	0.002	G	−0.10	0.03	C	* 4.8026	0.0006	0.005	40	*	4.80	4.81		D	05413+1632	I 1	2 C A	AB	242	0.323	0.015	1.51	0.04	S
26778	8.799	0.018	8.809	0.023		−0.009	0.001	G	0.01	0.00	H	8.7770	0.0021	0.015	92		8.75	8.80		C			1							
26779	7.274	0.005	6.297	0.004		0.840	0.006	G	0.88	0.00	G	6.3540	0.0006	0.010	139		6.34	6.38		U 2	05413+5329	I 2	1							S
26780	8.815	0.013	8.452	0.014	*	0.300	0.495	G	0.32	0.05	L	* 8.4962	0.0025	0.025	123	−	8.47	8.53		D	05413−3515	I 1	3 C A							S G
26781	6.272	0.004	6.366	0.005	A	−0.081	0.005	T	−0.06	0.01	L	6.3778	0.0105	0.017	85	A	6.34	6.40		D	05414+2929	I 2	1 C P D							S D
26782	9.411	0.020	8.724	0.018		0.635	0.022	T	0.70	0.02	L	8.7606	0.0022	0.015	67		8.74	8.79		C			1							
26783	7.097	0.005	7.126	0.007	B	−0.049	0.010	G	−0.03	0.01	H	7.1623	0.0171			B				D	05414+2929	I 2	1 C I D							S D
26784	11.051	0.056	8.988	0.018		1.746	0.048	T	1.93	0.12	O	8.8940	0.0026	0.020	87		8.86	8.96					1							
26785	7.494	0.007	7.623	0.009		−0.111	0.010	T	−0.10	0.01	L	7.6053	0.0009	0.010	100		7.59	7.62		C			1							S
26786	9.326	0.021	7.194	0.008		1.803	0.019	T	2.61	0.03	O	6.9664	0.0055	0.029	43		6.91	6.99		U 2			1 S							S
26787	9.794	0.023	9.061	0.019		0.657	0.023	T	0.72	0.02	L	9.1374	0.0017	0.019	126		9.10	9.17		C			1							
26788	10.291	0.030	8.365	0.012		1.633	0.027	T	2.07	0.07	O	8.2367	0.0024	0.029	114		8.19	8.28		U			1							
26789	8.745	0.017	8.434	0.018		0.300	0.015	G	0.34	0.02	H	8.4763	0.0019	0.010	55		8.46	8.50		C			1							
26790	8.190	0.007	8.063	0.008		0.110	0.015	G	0.12	0.01	H	8.0918	0.0012	0.013	154		8.07	8.12					1							S
26791	10.374	0.031	8.742	0.014		1.366	0.027	T	1.33	0.03	L	8.7534	0.0017	0.017	97		8.73	8.78		C			1							
26792	7.310	0.007	7.444	0.007		−0.140	0.015	G	−0.13	0.02	H	7.4328	0.0009	0.008	84		7.42	7.45		C			1							S
26793	11.494	0.075	10.128	0.037		1.157	0.066	T	1.12	0.06	L	10.1503	0.0028	0.024	113		10.11	10.20		C			1							G
26794	8.725	0.011	8.396	0.012		0.317	0.018	T	0.37	0.02	L	8.4570	0.0021	0.016	108		8.43	8.49					1							S
26795	8.259	0.014	6.940	0.010		1.120	0.013	T	1.08	0.01	L	6.9439	0.0103	0.056	68		6.90	7.09		U 2			1							S P
26796	6.301	0.003	6.340	0.004		−0.040	0.000	G	−0.02	0.00	H	6.3437	0.0008	0.008	146		6.33	6.36					1							S
26797	9.258	0.016	9.224	0.021		0.046	0.020	G	0.06	0.02	H	9.2381	0.0025	0.019	98		9.21	9.27					1							
26798	9.450	0.021	9.247	0.024		0.194	0.030	T	0.21	0.03	L	9.2849	0.0012	0.015	78		9.26	9.31		D	05415+1309	I 1	1							
26799	9.854	0.031	9.180	0.027		0.624	0.034	T	0.69	0.03	L	9.2612	0.0028	0.020	68		9.24	9.29		C			1							
26800	8.112	0.008	8.019	0.010		0.091	0.012	T	0.10	0.01	L	8.0577	0.0018	0.011	106		8.04	8.08		C			1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
26801		05 41 30.73	+53 29 27.8	9.78		G	85.378 028 24	+53.491 057 98		80.13	3.16	−517.26	1.33	0.89	1.67	1.61	1.04	+28	+30	−5	+11	+12	+2	+19	−17	+26	+37	0	2.00
26802		05 41 31.09	+81 08 52.0	9.09	2	H	85.379 529 75	+81.147 782 83		1.02	0.49	−8.65	0.71	0.80	0.97	0.70	1.02	+11	+31	+5	+0	+6	+4	+10	+28	+25	+20	0	−0.08
26803		05 41 31.09	+38 11 18.0	8.18		G	85.379 561 08	+38.188 327 15		2.68	−0.93	−3.05	1.04	0.68	1.16	1.15	0.75	+3	+41	−11	+17	+16	−4	+17	+39	+11	+14	0	−0.32
26804		05 41 31.69	+36 26 51.3	9.29		H	85.382 044 67	+36.447 576 79		8.62	−6.41	0.48	1.77	1.02	2.10	1.52	0.96	−31	+68	−48	+13	+15	−6	−6	+53	−19	+15	0	−1.70
26805		05 41 32.65	−48 15 02.4	7.14		G	85.386 059 63	−48.250 659 97	A	7.15	0.77	11.54	0.75	0.77	0.75	0.88	0.89	−15	+8	−2	+16	+1	−11	−11	−17	+19	−55	1	0.01
26806		05 41 33.60	+62 36 23.8	8.03		H	85.389 983 84	+62.606 611 05		3.11	6.04	−10.45	0.62	0.54	0.91	0.77	0.65	−1	+22	−5	+0	+8	−20	+12	−17	+26	−4	0	−1.13
26807		05 41 34.35	+15 12 51.1	7.67		G	85.393 111 17	+15.214 184 07		26.51	74.64	−199.60	0.99	0.61	1.11	1.10	0.70	+18	+42	−17	+4	+11	−9	+4	+1	−11	+32	0	0.18
26808		05 41 35.15	−15 20 15.1	7.00		H	85.396 442 67	−15.337 518 99		7.45	−39.31	−17.16	0.68	0.59	0.90	0.66	0.60	−2	+16	−19	+21	−31	−4	−36	+21	−17	−6	0	−0.90
26809		05 41 35.30	−16 26 03.2	9.06		H	85.397 091 24	−16.434 213 29		14.12	−2.28	−132.90	0.95	0.91	1.39	1.06	1.08	−33	+39	−22	+18	−38	−3	−37	+31	+2	−19	6	−0.02
26810		05 41 35.49	−33 40 38.6	9.24		H	85.397 861 15	−33.677 385 79		8.41	33.42	−83.17	0.66	0.79	0.97	0.79	0.93	−11	+17	−17	+4	−1	+25	+0	−18	−6	−19	0	0.71
26811		05 41 35.92	−09 29 34.9	8.28		H	85.399 685 63	−09.493 023 24		9.03	−15.29	−8.07	0.72	0.60	0.99	0.79	0.66	+23	+28	−4	+2	−12	−20	−19	+29	−35	+25	0	−0.59
26812		05 41 36.03	−03 43 52.2	7.73		H	85.400 109 05	−03.731 163 15		5.31	16.62	−9.59	0.76	0.48	0.91	0.98	0.52	+22	+21	−5	+9	−25	−7	−25	+29	−32	+40	0	−0.65
26813		05 41 36.51	−76 04 23.0	9.88	2	H	85.402 113 51	−76.073 057 01		9.32	37.21	99.87	0.98	0.92	1.06	0.91	1.22	−3	+34	+5	−21	−3	+2	−11	−10	−23	−14	0	1.61
26814		05 41 36.70	+60 37 22.9	6.99		H	85.402 933 21	+60.623 019 66		5.79	8.58	−31.78	0.60	0.49	0.75	0.69	0.51	+20	+11	−13	+7	+18	−16	+16	−4	+3	+29	0	−1.48
26815		05 41 38.26	−30 40 26.5	8.83		H	85.409 406 20	−30.674 014 37		10.43	−1.24	−53.21	0.67	0.72	0.94	0.79	0.80	−14	+25	−13	+22	−15	+23	−14	+3	−7	−20	0	0.42
26816		05 41 38.39	−02 15 32.5	7.81		H	85.409 954 19	−02.259 021 82		2.12	−1.57	0.31	0.99	0.55	1.23	1.17	0.54	+13	+22	−17	−15	−35	+23	−32	+18	−31	+10	2	0.67
26817		05 41 38.91	−56 26 17.2	7.78		H	85.412 134 34	−56.438 105 31		4.73	34.74	22.30	0.61	0.61	0.64	0.71	0.74	+0	+2	−17	+29	−1	+0	+1	+3	+7	+9	1	0.20
26818		05 41 39.00	+25 30 48.8	8.45		H	85.412 482 81	+25.513 555 80		0.64	−3.36	−4.25	1.17	0.72	1.32	1.35	0.90	+6	+49	−22	+11	+19	+18	+18	+15	+3	+51	6	1.49
26819		05 41 39.62	−44 55 36.4	8.04		H	85.415 102 54	−44.926 775 95		1.73	1.16	−2.40	0.62	0.67	0.73	0.65	0.82	+6	+3	−16	−20	−12	+19	−10	−24	+18	+5	0	0.67
26820	H	05 41 40.31	−02 53 47.5	6.41		H	85.417 951 23	−02.896 514 93	A	11.95	50.55	23.66	1.30	0.89	1.21	1.05	0.58	+5	+45	−5	+12	−32	+20	−37	+22	−31	+0	5	0.65
26821		05 41 41.51	−16 43 33.0	6.22		H	85.422 971 49	−16.725 843 31		2.67	−3.83	5.38	0.49	0.47	0.70	0.55	0.53	−21	+25	−11	+21	−34	−7	−37	+24	−15	−9	0	−0.39
26822		05 41 42.29	+01 46 34.0	8.65		H	85.426 223 53	+01.776 120 60		4.70	−8.49	−10.48	1.05	0.73	1.15	1.18	0.82	+17	+43	−1	−14	−12	−15	−16	−35	−6	+8	0	1.01
26823		05 41 42.77	−67 24 10.0	7.04		H	85.428 212 06	−67.402 781 92		3.76	3.65	8.10	0.53	0.55	0.55	0.58	0.74	−9	+23	−8	−12	+6	−1	+1	−25	−9	−20	0	1.32
26824		05 41 42.80	−77 41 49.7	9.52		H	85.428 344 84	−77.697 130 31		3.19	9.35	41.25	0.80	0.84	0.86	0.88	0.93	−6	+9	+6	+14	−17	+18	−18	+17	−3	−12	0	−0.83
26825	H	05 41 43.76	−28 04 06.5	9.51		G	85.432 335 76	−28.068 467 88	*	1.65	0.84	5.06	0.85	0.91	1.32	1.07	1.03	−4	+16	+6	+2	−2	+14	−5	+8	−14	−5	0	0.56
26826		05 41 44.14	+19 21 25.6	8.17		H	85.433 932 85	+19.357 098 62		1.37	−4.01	−3.43	1.16	0.79	1.16	1.43	1.02	−2	+40	−16	+29	+25	−3	+20	+34	−4	+6	0	−1.10
26827	H	05 41 46.11	+48 27 55.9	7.83		H	85.442 112 99	+48.465 534 98	A	3.26	−5.18	10.91	1.90	1.16	1.36	1.42	1.05	+37	+15	−22	+31	+35	−15	+18	+45	−27	+52	0	−0.37
26828		05 41 46.63	+22 52 14.4	7.92		H	85.444 283 66	+22.870 657 11		12.32	194.34	−125.43	0.94	0.64	0.99	1.23	0.85	+17	+26	−10	+17	+21	+3	+19	+22	−4	+41	0	1.22
26829		05 41 47.48	+63 17 47.3	7.10		H	85.447 846 12	+63.296 478 80		14.41	−6.33	−220.11	0.56	0.53	0.81	0.64	0.59	−3	+18	−4	−10	−1	−15	+0	−10	+12	−14	3	0.87
26830	H	05 41 49.23	−50 00 16.0	8.59		H	85.455 125 95	−50.004 452 06	A	18.62	61.20	75.97	1.86	2.81	1.93	1.70	2.67	−21	+27	−20	−5	+2	−4	+0	−11	−15	−9	0	−0.27
26831		05 41 50.46	−12 18 39.2	7.17		H	85.460 258 24	−12.310 901 48		8.92	−14.51	6.04	0.64	0.55	0.82	0.65	0.57	+12	+6	−12	+6	−36	−7	−39	+4	−8	+8	0	0.18
26832		05 41 52.38	+26 15 31.4	8.36		H	85.468 259 93	+26.258 712 87		3.04	−1.52	−4.08	1.23	0.76	1.35	1.34	0.96	+8	+51	−20	+9	+22	+16	+22	+11	+6	+60	0	−0.42
26833		05 41 53.29	+37 06 55.2	8.26		H	85.472 051 86	+37.115 325 57		7.92	−20.34	−27.44	1.14	0.81	1.21	1.43	0.87	+15	+19	−18	+43	+17	−14	+14	+61	−6	+5	0	−2.20
26834		05 41 53.54	−15 37 48.9	7.36		G	85.473 078 98	−15.630 255 85		36.05	243.90	−117.96	0.61	0.58	0.92	0.65	0.61	−20	+27	−18	+30	−35	+3	−36	+22	−19	−6	0	−0.57
26835		05 41 53.61	+04 59 17.6	7.67		H	85.473 394 37	+04.988 214 62		5.26	−0.78	−12.10	1.10	0.91	1.20	1.23	1.02	−28	+17	+25	−44	+38	+21	+29	−68	−32	−32	3	−0.47
26836		05 41 54.76	+23 19 34.6	6.57		H	85.478 146 81	+23.326 272 88		4.64	11.02	−18.30	0.88	0.57	0.96	1.05	0.75	+21	+37	−19	+15	+20	+9	+18	+17	−3	+59	0	−0.19
26837		05 41 55.01	−04 27 53.3	9.80		H	85.479 226 62	−04.464 800 79		2.31	−5.03	−0.38	1.29	0.81	1.73	1.36	0.83	+23	+22	−1	−14	−38	−2	−39	+18	−40	+24	2	1.01
26838		05 41 56.72	+35 37 52.8	6.85		H	85.486 346 12	+35.631 330 30		9.63	−15.61	1.10	0.94	0.61	1.08	0.99	0.63	−4	+49	−26	+12	+26	+4	+8	+43	−22	+23	0	0.47
26839		05 41 57.17	+24 19 06.8	7.75		H	85.488 216 57	+24.318 544 46		2.38	1.57	−2.37	1.03	0.69	1.17	1.35	0.87	+13	+19	−11	+1	+24	+24	+22	+14	−11	+29	0	1.55
*26840		05 41 57.27	−24 24 15.6	8.49	2	H	85.488 605 61	−24.404 339 10		0.53	7.81	−2.87	0.48	0.70	1.00	0.57	0.74	+0	+3	−5	−23	−8	+22	−3	−11	+4	−20	1	−0.14
*26841		05 41 57.18	−66 05 31.5	9.21		H	85.488 261 82	−66.092 069 89		3.08	−7.27	17.36	0.62	0.79	0.76	0.45	0.91	+0	+16	+14	−57	+15	−6	+15	−8	+1	+17	1	−0.67
26842		05 41 57.53	−62 54 49.6	6.89		H	85.489 719 99	−62.913 778 22		6.22	−3.98	9.96	0.51	0.51	0.54	0.61	0.63	−4	+12	−14	−7	−4	−8	−4	−14	+20	−12	0	0.81
26843		05 41 58.73	−51 59 36.0	8.27		H	85.494 691 66	−51.993 333 02		4.33	8.77	−55.14	0.61	0.66	0.68	0.77	0.84	−6	−5	−13	+24	+0	−10	−3	−5	+5	−12	0	0.10
26844		05 41 58.82	+15 20 14.4	10.72		H	85.495 078 83	+15.337 330 32		46.51	78.74	−44.01	2.11	1.42	2.35	2.55	1.70	+12	+21	−9	+10	+10	−4	+7	−6	−14	+21	3	0.98
26845		05 41 59.36	+29 31 21.5	8.88	2	G	85.497 341 57	+29.522 640 20		0.60	3.27	−2.95	1.30	0.83	1.40	1.40	0.84	+16	+42	−9	+22	+35	−7	+22	+63	−11	+29	0	0.05
26846		05 42 00.55	−18 58 59.3	8.91		H	85.502 274 00	−18.983 125 25		1.44	0.62	−11.63	0.64	0.71	1.12	1.09	1.08	+10	+23	−15	−16	−2	−30	−15	+15	−24	+40	0	0.25
26847		05 42 00.71	+71 38 44.7	8.11		H	85.502 952 46	+71.645 758 12	A	2.64	−0.82	3.75	0.90	1.24	1.31	0.91	1.23	−4	+9	−13	−6	+4	+9	+8	−14	+10	+8	2	1.12
26848		05 42 00.91	+76 27 54.5	8.22		H	85.503 786 36	+76.465 140 63		6.06	3.12	−30.71	0.53	0.67	0.80	0.64	0.78	+0	+8	+12	+5	+11	+12	+9	+21	+1	+6	2	1.57
26849		05 42 01.12	+34 48 57.5	9.03		H	85.504 677 32	+34.815 983 42		8.79	16.45	−17.03	1.37	0.97	1.52	1.65	1.03	+2	+40	−36	+34	+30	+6	+20	+56	−16	+29	0	2.35
26850		05 42 01.37	+40 15 36.5	9.48		H	85.505 694 83	+40.260 137 88		8.74	−25.57	−4.26	1.39	1.07	1.51	1.70	1.23	−20	+32	−8	+35	−19	−5	−13	+55	+8	−30	3	3.92
26851		05 42 02.44	+71 38 37.7	10.03		H	85.510 174 15	+71.643 807 17	B	2.38	−1.53	0.13	5.81	8.35	4.63	4.76	5.54	−6	+6	−14	−6	+7	+12	+11	−8	+10	+6	2	1.12
26852		05 42 02.61	+27 46 14.5	8.26		H	85.510 869 93	+27.770 703 58		−0.24	−1.40	−0.66	1.09	0.78	1.19	1.62	1.00	+22	+32	−32	+26	+38	−17	+24	+52	−13	+52	0	−1.44
26853		05 42 03.99	+22 39 37.4	6.35		H	85.516 607 01	+22.660 385 94		9.08	−0.36	−25.09	0.78	0.54	0.81	1.00	0.71	+21	+19	−10	+21	+31	+1	+27	+27	−13	+45	0	0.84
26854		05 42 04.91	+30 17 58.3	9.19		G	85.520 462 83	+30.299 526 88		7.50	8.09	−25.70	1.60	0.84	1.80	1.64	0.86	−13	+59	−17	+8	+15	+9	+12	+53	−6	−18	0	−0.37
26855		05 42 05.89	−63 17 44.7	9.84		H	85.524 532 06	−63.295 748 41		7.33	−1.24	30.68	0.89	0.96	0.96	1.03	1.25	−22	+8	−25	−10	+18	−18	+17	−7	+14	−19	0	−0.22
26856		05 42 06.57	+23 00 48.8	10.22		G	85.527 381 79	+23.013 566 24		−0.23	2.56	−7.08	1.69	1.11	1.94	2.20	1.51	+2	+40	−28	+9	+7	+19	+14	+7	+11	+51	0	−2.23
26857		05 42 08.07	+12 29 35.4	11.56		G	85.533 635 64	+12.493 155 00		172.78	1999.05	−1570.64	3.23	1.83	3.88	2.67	1.67	−24	+55	−38	−25	−17	+10	+3	−65	+23	+3	0	0.71
26858		05 42 08.79	−12 59 24.9	7.40		H	85.536 623 64	−12.990 237 82		4.30	−6.07	−4.08	0.75	0.64	0.99	0.73	0.64	+11	+17	−30	−5	−41	+4	−44	−1	−10	+2	0	−0.31
26859		05 42 08.81	−43 30 30.2	7.47		H	85.536 714 20	−43.508 377 98		3.92	8.58	26.60	0.53	0.62	0.64	0.50	0.71	−4	+22	−7	−26	−3	−3	+0	−20	+14	−9	1	1.80
26860		05 42 09.20	−42 29 29.4	10.19		H	85.538 322 20	−42.491 509 09		6.73	−11.89	−53.70	0.96	1.23	1.23	1.03	1.56	−7	+6	−1	−13	−4	−8	−5	−7	+0	+1	0	0.43
26861	H	05 42 10.58	+13 35 30.7	8.75		H	85.544 068 48	+13.591 867 79	A	1.36	−5.05	−3.85	2.47	1.57	2.49	2.94	1.46	−5	+2	+1	−14	−30	+16	−20	−35	−12	−18	1	−0.43
26862		05 42 11.58	−30 32 07.7	6.18		H	85.548 262 44	−30.535 461 99		5.76	−5.74	8.08	0.41	0.42	0.55	0.47	0.47	−13	+17	−12	+14	−14	+19	−13	+7	−10	−20	0	1.43
26863		05 42 12.51	+31 52 24.1	9.04		G	85.552 123 40	+31.873 357 31		6.74	17.58	−43.94	1.18	0.76	1.31	1.22	0.73	−9	+40	−13	+21	+23	+8	+11	+58	−12	+2	0	−0.81
26864		05 42 13.32	+07 24 10.4	10.83		G	85.555 516 33	+07.402 875 48		19.31	−330.36	−360.59	2.07	1.40	2.39	2.53	1.60	−8	+37	−10	+4	−9	+12	−9	−48	+6	−16	0	−0.87
26865		05 42 13.96	−22 22 25.5	5.88		H	85.558 159 90	−22.373 736 87		4.26	−0.16	8.88	0.39	0.47	0.67	0.49	0.55	+12	+16	−4	−13	−22	+2	−21	+4	−11	+8	0	−0.09
26866		05 42 14.49	−17 31 49.4	6.15		G	85.560 360 23	−17.530 388 91		5.46	−16.77	5.16	0.57	0.53	0.78	0.66	0.61	−27	+21	−26	+36	−33	−7	−36	+31	−19	−4	0	1.50
26867		05 42 14.50	+08 22 24.9	7.96		H	85.560 418 67	+08.373 577 36		5.85	−13.03	−16.32	1.01	0.66	1.15	1.07	0.73	+16	+47	−5	+5	−18	−5	−17	−39	+2	+14	0	0.89
26868		05 42 15.19	−34 40 04.6	5.29	1	H	85.563 295 61	−34.667 936 77		8.99	5.06	51.30	0.40	0.44	0.53	0.43	0.49	−5	+12	−19	−9	−12	+18	−10	−5	−6	−10	0	0.13
26869		05 42 15.87	−75 49 52.4	7.86		H	85.566 106 60	−75.831 232 63		9.37	16.95	71.38	0.56	0.56	0.62	0.56	0.73	−14	+24	+0	−10	−1	+17	−7	−12	−19	−26	0	1.62
26870		05 42 17.62	+02 22 01.9	6.67		H	85.573 404 83	+02.367 185 71		3.84	−3.09	−3.55	0.83	0.57	0.90	0.88	0.63	+7	+42	+1	−25	−10	−10	−12	−41	−6	+2	0	0.79
26871		05 42 19.36	+53 30 56.0	9.02		H	85.580 663 94	+53.515 562 86		8.25	−5.47	−27.15	1.18	0.80	1.40	1.40	0.85	+50	+35	+24	+14	+12	−8	+17	−25	+8	+52	0	−0.42
26872		05 42 19.87	+43 03 34.6	7.26	2	H	85.582 785 49	+43.059 601 52		1.61	−3.02	−3.79	0.85	0.70	0.97	1.15	0.85	−9	+24	+7	+33	−8	+16	−7	+56	−3	−23	0	−0.04
26873		05 42 20.03	−27 42 26.6	7.84		H	85.583 465 06	−27.707 398 04		8.29	−5.76	−14.13	0.51	0.58	0.81	0.64	0.70	−3	−2	−9	−8	−1	+23	+1	+6	−13	−3	0	−0.30
26874	H	05 42 20.50	−37 27 29.2	7.81		G	85.585 399 84	−37.458 099 62	A	1.94	1.79	11.68	1.96	1.67	0.94	0.77	0.94	−6	+6	+11	+2	+1	+6	−2	+9	−1	−12	0	0.04
26875		05 42 20.67	+29 43 34.8	9.15		H	85.586 114 07	+29.726 332 72		2.96	−1.85	−5.16	1.45	0.86	1.63	1.57	0.86	+8	+41	−7	+9	+35	+2	+20	+55	−15	+17	0	−0.33
26876		05 42 21.30	−08 08 00.2	8.86		G	85.588 757 48	−08.133 383 26		2.89	1.76	0.16	1.02	0.68	1.38	1.06	0.70	+0	+36	−16	+12	−22	−15	−32	+30	−36	+11	0	−0.39
26877		05 42 22.55	+79 19 55.1	8.33		H	85.593 958 76	+79.331 972 79	A	0.70	−0.83	−46.52	1.35	1.66	1.53	1.20	1.44	+7	+14	+4	+10	+3	+18	+7	+13	+11	+8	1	−1.45
26878	H	05 42 23.83	+79 19 45.4	8.33		H	85.599 283 13	+79.329 265 47	B	0.70	−0.83	−46.52	4.00	5.31	1.53	1.20	1.44	+1	+0	−3	+0	+6	+18	+4	+9	+11	+8	1	−1.45
26879		05 42 24.29	+18 41 14.8	8.06		G	85.601 192 34	+18.687 437 27		8.44	22.90	−36.99	1.16	0.76	1.20	1.33	0.95	−17	+35	−10	−9	+30	+2	+25	−2	−7	+15	0	1.07
26880		05 42 24.62	+20 36 45.6	7.94		H	85.602 582 94	+20.612 665 26		7.19	−2.83	−21.38	1.05	0.64	1.11	1.04	0.77	+20	+49	−11	+24	+30	−7	+21	+31	−11	+53	0	2.06
26881		05 42 24.88	−09 35 25.4	7.66		H	85.603 652 34	−09.590 400 86		2.78	27.92	−59.54	0.69	0.53	0.88	0.67	0.54	+1	+28	−14	+6	−31	−3	−34	+29	−26	−6	0	0.17
26882		05 42 26.45	+65 41 51.7	5.62		H	85.610 201 31	+65.697 701 40		11.70	−0.27	−21.48	0.47	0.44	0.65	0.53	0.49	+5	+18	−11	−14	+3	−16	+4	−3	+11	+0	2	−0.20
26883		05 42 27.37	−50 28 31.0	9.00		H	85.614 026 47	−50.475 283 45		19.58	35.07	149.55	0.72	0.83	0.82	0.88	0.99	−7	+15	−21	−4	−6	−5	−9	−32	+10	−17	0	−0.07
26884		05 42 27.97	−70 13 40.2	11.22		G	85.616 528 94	−70.227 827 37		2.46	9.31	−42.23	1.62	1.83	1.77	1.87	2.28	−5	+13	+4	−12	−1	+16	−6	−30	−7	−23	1	−0.92
26885		05 42 28.66	+01 28 28.8	4.90		H	85.619 434 91	+01.474 664 98		10.80	−55.34	−14.85	0.72	0.51	0.81	0.85	0.62	+1	+40	−13	−6	−10	−18	−11	−17	+0	+3	3	−0.23
26886		05 42 28.77	+18 59 15.7	7.31		G	85.619 875 75	+18.987 683 34		6.13	8.49	−21.53	0.94	0.65	0.98	1.18	0.84	+15	+33	−8	+16	+26	−10	+22	+20	−5	+21	0	1.89
26887		05 42 30.07	+10 32 18.6	7.28		H	85.625 296 07	+10.538 498 92		3.89	7.77	−16.99	1.06	0.54	1.01	1.11	0.65	−19	+45	−17	−12	−9	−5	−9	−36	+2	−6	0	0.59
26888		05 42 30.34	+77 06 58.4	8.25		H	85.626 436 12	+77.116 216 67		4.71	−14.37	7.87	0.57	0.73	0.88	0.58	0.84	+0	+5	−5	−6	−5	−3	−5	+19	+8	−4	0	−1.31
26889		05 42 31.16	+36 12 00.5	8.05		H	85.629 825 54	+36.200 148 29		4.11	3.31	−2.23	1.50	0.78	1.81	1.16	0.74	−33	+75	−48	+3	+27	−11	−7	+53	−26	+18	0	0.14
26890		05 42 31.63	+61 18 45.8	9.64		H	85.631 772 97	+61.312 726 75		22.02	290.89	−130.22	1.31	1.08	1.55	1.64	1.28	−10	+16	−4	−21	+23	−9	+23	−11	+3	−18	2	−0.94
26891		05 42 32.47	+73 31 24.8	9.00		H	85.635 281 16	+73.523 556 85		1.70	0.94	−0.34	0.60	0.83	1.02	0.69	0.92	+7	+4	−8	−3	+2	+5	+3	+4	+7	+8	0	−1.46
26892		05 42 32.54	−11 38 39.8	7.03		H	85.635 582 18	−11.644 398 19		2.61	−2.96	−2.48	0.63	0.53	0.79	0.65	0.53	+17	+11	−16	+3	−34	−5	−34	+12	−11	+9	0	−0.54
26893		05 42 32.91	−00 00 57.8	6.85		H	85.637 145 60	−00.016 060 48		3.12	2.80	−18.40	1.05	0.68	1.07	1.07	0.72	−55	+60	−41	−23	+30	−4	+32	−50	+15	−46	3	0.34
26894	H	05 42 33.76	−10 37 43.8	7.01		H	85.640 672 00	−10.628 831 34	*	2.15	−6.30	5.12	0.72	0.57	0.93	0.72	0.56	−10	+26	−19	+3	−41	+13	−39	+26	−19	−21	2	0.57
26895		05 42 33.85	−33 00 19.2	8.64		H	85.641 060 60	−33.005 346 99		6.57	−2.04	14.34	0.54	0.66	0.81	0.57	0.74	−11	+22	−27	+8	−6	+24	−5	+20	−21	−2	0	−0.84
26896		05 42 34.74	−17 01 04.0	8.05		H	85.644 765 73	−17.017 769 86		6.65	0.50	−28.94	0.72	0.69	1.05	0.83	0.76	−13	+25	−27	+19	−29	−10	−33	+11	−16	+4	0	0.07
26897		05 42 36.69	−65 07 48.4	8.47		H	85.652 885 87	−65.130 113 55		3.64	13.26	21.54	0.69	0.73	0.73	0.67	0.75	+4	+24	+9	−35	+5	−11	+6	−50	+1	+3	0	0.89
26898		05 42 36.87	+03 40 54.8	9.09		H	85.653 618 26	+03.681 894 86		4.64	7.92	−15.25	1.29	1.32	1.67	1.75	1.45	+3	+8	−53	−37	−19	+12	−7	−72	+40	+20	0	1.24
26899		05 42 38.63	+61 36 11.1	7.77		G	85.660 968 21	+61.603 093 07		8.18	22.32	−23.29	0.74	0.64	0.94	0.99	0.74	−11	+7	−1	−17	+28	−2	+25	−6	+2	−10	2	−0.01
26900	H	05 42 39.26	−74 51 32.4	8.80		H	85.663 594 89	−74.859 006 75	B	10.65	29.43	66.17	2.29	2.24	2.08	2.25	3.00	−8	+32	+17	−19	+15	+0	+11	−10	−15	−14	0	1.63

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
26801	11.511	0.080	9.838	0.027		1.473	0.011	G	1.91	0.06	I	9.7993	0.0028	0.031	137		9.76	9.85		C	05413+5329	I 2	1						G
26802	11.303	0.057	9.289	0.018		1.706	0.049	T	2.10	0.11	O	9.1601	0.0029	0.032	124		9.11	9.20		U			1						
26803	8.299	0.012	8.238	0.015		0.308	0.015	G	0.35	0.02	H	8.2318	0.0014	0.011	66		8.22	8.25		C			1						
26804	9.636	0.029	9.321	0.032		0.299	0.040	T	0.34	0.05	L	9.3619	0.0019	0.019	60		9.34	9.39		C			1						
26805	7.141	0.005	7.136	0.006	A	−0.004	0.004	G	0.02	0.00	H	7.1625	0.0060	0.012	94	A	7.15	7.18		C	05415−4815	I 1	2 C A	AB	134	12.536	0.027	3.58	0.16	S
26806	8.359	0.008	8.070	0.009		0.315	0.006	G	0.36	0.01	H	8.1098	0.0012	0.014	145		8.09	8.13		C			1							S
26807	8.531	0.013	7.785	0.011		0.692	0.015	G	0.75	0.01	H	7.8112	0.0016	0.009	58		7.80	7.83		C			1							S
26808	8.441	0.011	7.120	0.007		1.122	0.010	T	1.08	0.01	L	7.1674	0.0014	0.009	77		7.15	7.18		C			1							S
26809	9.766	0.016	9.077	0.014		0.636	0.018	T	0.70	0.02	L	9.1934	0.0020	0.018	143		9.16	9.24		C			1							S
26810	9.993	0.023	9.287	0.020		0.637	0.023	T	0.70	0.02	L	9.3701	0.0019	0.016	136		9.34	9.40		C			1							
26811	8.724	0.010	8.315	0.010		0.387	0.013	T	0.45	0.01	L	8.3744	0.0015	0.012	107		8.35	8.39		C			1							
26812	7.721	0.005	7.724	0.008		−0.008	0.005	G	0.01	0.01	H	7.7381	0.0013	0.013	143		7.72	7.76					1							S
26813	10.707	0.038	9.881	0.029		0.728	0.037	T	0.78	0.03	L	10.0218	0.0098	0.062	108		9.93	10.10		U 2 C			1							
26814	7.268	0.006	7.021	0.006		0.235	0.008	T	0.26	0.01	L	7.0638	0.0011	0.009	102		7.04	7.08					1							S
26815	9.674	0.017	8.896	0.014		0.692	0.017	T	0.75	0.01	L	8.9653	0.0016	0.018	149		8.93	8.99		C			1							
26816	7.931	0.009	7.846	0.011		0.077	0.013	T	0.09	0.01	L	7.8411	0.0017	0.013	101		7.82	7.86					1							S
26817	9.186	0.014	7.895	0.009		1.098	0.013	T	1.06	0.01	L	7.9467	0.0012	0.012	100		7.92	7.97					1							S
26818	8.469	0.020	8.469	0.025		0.005	0.029	T	0.03	0.03	L	8.4635	0.0016	0.013	59		8.44	8.49					1 S							
26819	10.035	0.026	8.190	0.011		1.534	0.022	T	1.58	0.05	L	8.1598	0.0013	0.015	108		8.13	8.19					1							
26820	6.791	0.005	6.454	0.004	*	0.320	0.006	T	0.37	0.01	L *	6.4870	0.0007	0.006	129	*	6.48	6.50		D	05417−0254	I 1	2 C A	AB	194	0.462	0.003	1.16	0.02	S
26821	6.033	0.003	6.189	0.003		−0.136	0.004	T	−0.13	0.01	L	6.1700	0.0006	0.007	137		6.16	6.18		C			1							S
26822	8.806	0.013	8.654	0.016		0.146	0.019	T	0.16	0.02	L	8.7014	0.0017	0.013	77		8.68	8.73		C			1							
26823	7.001	0.006	7.018	0.007		−0.015	0.007	G	−0.02	0.01	A	7.0362	0.0008	0.007	90		7.02	7.04		C			1							S
26824	10.095	0.024	9.590	0.023		0.475	0.030	T	0.55	0.03	L	9.6213	0.0024	0.023	117		9.56	9.65		C			1							
26825	9.678	0.016	9.527	0.021	*	0.130	0.020	G	0.14	0.02	H *	9.5578	0.0030	0.030	157	*	9.51	9.61			05417−2804	H 1	2 C S A	AB	287	0.168	0.018	0.64	0.59	
26826	8.433	0.017	8.190	0.019		0.232	0.024	T	0.26	0.03	L	8.2383	0.0017	0.013	50		8.22	8.26		C			1							S
26827	8.053	0.013	7.855	0.013	*	0.189	0.017	T	0.21	0.02	L *	7.8900	0.0016	0.009	58	*	7.88	7.91		D	05418+4828	M 1	2 C A	AB	256	0.396	0.017	2.69	0.10	S
26828	8.464	0.011	7.984	0.016		0.495	0.007	G	0.57	0.01	H	8.0331	0.0023	0.013	62		8.02	8.06					1							S
26829	8.296	0.009	7.221	0.007		0.931	0.009	T	0.93	0.01	L	7.2605	0.0010	0.010	134		7.24	7.28					1							S
26830	9.689	0.021	8.790	0.016	*	0.784	0.020	T	0.82	0.01	L *	8.7273	0.0014	0.013	92	*	8.70	8.75		D	05418−5000	I 1	2 C A	AB	171	0.786	0.004	0.12	0.01	
26831	7.327	0.005	7.194	0.007		0.128	0.008	T	0.14	0.01	L	7.2214	0.0012	0.008	100		7.21	7.24		C			1							S
26832	10.591	0.059	8.556	0.019		1.723	0.051	T	2.09	0.12	O	8.4323	0.0027	0.018	59		8.41	8.46					1							
26833	9.597	0.025	8.366	0.015		1.051	0.023	T	1.02	0.02	L	8.4278	0.0011	0.012	64		8.41	8.45		D			1							
26834	8.343	0.009	7.441	0.008		0.801	0.009	T	0.78	0.02	A	7.5086	0.0014	0.012	106		7.49	7.53		C			1							S
26835	7.950	0.011	7.689	0.010		0.252	0.015	G	0.28	0.02	H	7.7373	0.0013	0.011	68		7.72	7.75		C			1							S
26836	6.480	0.005	6.568	0.005		−0.051	0.016	G	−0.03	0.02	H	6.5574	0.0010	0.006	60		6.55	6.57		C			1							S
26837	10.162	0.027	9.826	0.031		0.319	0.038	T	0.37	0.05	L	9.8782	0.0026	0.025	126		9.84	9.93		C			1							G
26838	6.886	0.007	6.834	0.008		0.024	0.006	G	0.04	0.01	H	6.8623	0.0014	0.008	64		6.85	6.87					1							S
26839	7.862	0.010	7.747	0.014		0.111	0.016	T	0.12	0.02	L	7.7910	0.0018	0.011	46		7.77	7.81					1							S
26840	10.518	0.023	8.662	0.009		1.575	0.020	T	1.68	0.07	O	8.5950	0.0021	0.025	216		8.56	8.64		U 2			1							
26841	9.557	0.019	9.231	0.021		0.313	0.031	T	0.36	0.04	L	9.2870	0.0019	0.020	110		9.24	9.33					1							
26842	6.880	0.005	6.879	0.005		−0.013	0.003	G	0.01	0.00	H	6.8894	0.0012	0.009	96		6.88	6.91					1							S
26843	9.713	0.020	8.391	0.012		1.122	0.018	T	1.08	0.02	L	8.4364	0.0016	0.013	104		8.41	8.46		C			1							
26844	12.288	0.287	10.772	0.124		1.689	0.143	G	2.84	0.43	I	10.6739	0.0070	0.046	48		10.61	10.74					1							G
26845	9.305	0.018	8.951	0.020		0.350	0.015	G	0.41	0.02	H	8.9702	0.0069	0.038	80		8.91	9.02		U 2 C			1							
26846	10.428	0.027	9.021	0.014		1.189	0.024	T	1.15	0.02	L	9.0751	0.0015	0.015	129		9.05	9.10		C			1							
26847	8.415	0.007	8.113	0.007	A	0.287	0.009	T	0.33	0.01	L	8.1810	0.0038	0.025	218	A	8.15	8.23		D	05420+7139	I 2	1 C P A							S
26848	8.305	0.007	8.221	0.009		0.083	0.011	T	0.10	0.01	L	8.2543	0.0017	0.016	155		8.23	8.28					1							
26849	9.525	0.024	9.087	0.025		0.413	0.032	T	0.48	0.04	L	9.1267	0.0017	0.015	73		9.10	9.15					1							
26850	10.032	0.038	9.504	0.036		0.350	0.040	G	0.41	0.05	R	9.5583	0.0052	0.031	61		9.52	9.62					1 S							G
26851	10.351	0.028	9.937	0.030	B	0.391	0.038	T	0.46	0.04	L	10.1816	0.0206			B				D	05420+7139	I 2	1 C I A							
26852	8.414	0.018	8.281	0.021		0.128	0.026	T	0.14	0.03	L	8.3076	0.0019	0.013	51		8.29	8.33					1							
26853	7.896	0.010	6.483	0.007		1.194	0.010	T	1.15	0.01	L	6.5131	0.0012	0.007	62		6.50	6.53		C			1							S
26854	9.682	0.022	9.226	0.022		0.410	0.015	G	0.48	0.02	H	9.2964	0.0021	0.014	75		9.27	9.32		C			1							
26855	10.426	0.032	9.854	0.030		0.538	0.032	T	0.61	0.03	L	9.9535	0.0032	0.022	98		9.91	9.99		C			1							
26856	10.277	0.040	10.184	0.061		0.182	0.015	G	0.20	0.02	H	10.2506	0.0029	0.026	56		10.21	10.29		D			1							G
26857						1.675	0.032	G	2.83	0.02	A	11.4553	0.0059	0.047	107		11.37	11.53					1							D
26858	8.485	0.012	7.483	0.008		0.876	0.011	T	0.89	0.01	L	7.5600	0.0011	0.010	88		7.55	7.58		C			1							S
26859	9.109	0.013	7.610	0.007		1.261	0.012	T	1.22	0.01	L	7.6335	0.0017	0.013	115		7.62	7.66					1							S
26860	10.798	0.044	10.199	0.039		0.558	0.043	T	0.63	0.04	L	10.3145	0.0034	0.031	100		10.25	10.37					1							G
26861	8.907	0.015	8.803	0.018	A	0.063	0.140	G	0.07	0.15	R *	8.7800	0.0028	0.018	86	*	8.75	8.83		D	05422+1336	I 1	2 C A	AB	100	5.952	0.043	2.66	0.08	
26862	6.202	0.003	6.177	0.003		0.023	0.004	T	0.04	0.00	L	6.1972	0.0006	0.006	143		6.19	6.21		C			1							S
26863	9.670	0.020	9.119	0.019		0.510	0.015	G	0.58	0.02	H	9.1636	0.0017	0.014	92		9.14	9.20		C			1							
26864						1.040	0.012	G	1.09	0.01	I	10.9525	0.0039	0.029	83		10.91	11.00		C			1							G
26865	5.975	0.002	5.886	0.003		0.080	0.003	T	0.09	0.00	L	5.9088	0.0006	0.006	168		5.90	5.92		C			1							S
26866	7.954	0.008	6.300	0.003		1.376	0.004	G	1.25	0.04	E	6.3121	0.0007	0.010	119		6.30	6.33					1							S
26867	9.325	0.016	8.080	0.011		1.062	0.015	T	1.03	0.01	L	8.1279	0.0014	0.012	86		8.11	8.15					1							
26868	5.244	0.002	5.282	0.002		−0.032	0.002	T	−0.01	0.00	L	5.2851	0.0010	0.009	144		5.27	5.30	1.38	P 1 A			1							S
26869	8.286	0.010	7.904	0.010		0.362	0.013	T	0.42	0.01	L	7.9499	0.0013	0.011	108		7.93	7.97		C			1							S
26870	6.607	0.006	6.663	0.005		−0.032	0.018	G	−0.01	0.02	H	6.6637	0.0010	0.006	65		6.65	6.68		C			1							S
26871	9.527	0.015	9.070	0.015		0.431	0.019	T	0.50	0.02	L	9.1204	0.0014	0.016	140		9.09	9.15		C			1							
26872	7.247	0.011	7.247	0.012		0.001	0.014	T	0.02	0.01	L	7.2716	0.0051	0.052	57		7.16	7.30		U 2 C			1							S P
26873	8.130	0.007	7.876	0.008		0.242	0.010	T	0.27	0.01	L	7.9147	0.0014	0.015	152		7.89	7.94					1							S
26874	9.243	0.014	7.949	0.009	*	1.130	0.015	G	1.09	0.02	H *	7.9806	0.0015	0.014	128	*	7.96	8.00		D	05423−3727	H 1	2 C A	AB	271	0.336	0.006	1.63	0.05	S
26875	9.352	0.019	9.171	0.023		0.173	0.028	T	0.19	0.03	L	9.2028	0.0030	0.020	78		9.17	9.24					1							
26876	9.217	0.016	8.924	0.017		0.278	0.025	T	0.32	0.03	L	8.9496	0.0020	0.015	88		8.92	8.97					1							
26877	10.108	0.024	8.948	0.015	A	0.715	0.126	G	0.77	0.10	R	8.4712	0.0042	0.056	152	–	8.43	8.69		D	05424+7920	I 2	1 C P B							G
26878	9.340	0.025	8.790	0.021	*						T	8.4646	0.0039	0.045	147	–	8.42	8.65		D	05424+7920	I 2	2 C F B	BC	172	2.143	0.011	0.81	0.07	G
26879	8.597	0.018	8.096	0.017		0.471	0.015	G	0.54	0.02	H	8.1732	0.0021	0.009	42		8.16	8.20					1							
26880	8.091	0.014	7.957	0.015		0.129	0.019	T	0.14	0.02	L	7.9883	0.0017	0.009	48		7.98	8.00		C			1							
26881	9.075	0.012	7.783	0.008		1.099	0.011	T	1.06	0.01	L	7.8246	0.0013	0.012	119		7.81	7.84		C			1							S
26882	7.241	0.005	5.757	0.003		1.249	0.005	T	1.21	0.01	L	5.7831	0.0006	0.006	118		5.77	5.79		C			1							S
26883	10.020	0.024	9.057	0.017		0.834	0.023	T	0.85	0.02	L	9.1444	0.0013	0.014	102		9.11	9.17		D			1							
26884						0.906	0.024	G	0.91	0.02	I	11.3557	0.0044	0.050	100		11.23	11.42					1 S							G
26885	6.397	0.004	5.029	0.003		1.144	0.049	G	1.17	0.02	A	5.0619	0.0007	0.005	77		5.06	5.07					1							S
26886	9.094	0.027	7.441	0.014		1.340	0.020	G	1.30	0.02	H	7.4550	0.0012	0.008	46		7.44	7.47		C			1							S
26887	7.551	0.007	7.314	0.006		0.216	0.015	G	0.24	0.02	H	7.3517	0.0010	0.008	97		7.34	7.37		C			1 G							S
26888	9.637	0.015	8.369	0.009		1.080	0.014	T	1.04	0.01	L	8.4218	0.0014	0.017	147		8.39	8.45					1							S
26889	8.365	0.015	8.084	0.016		0.267	0.021	T	0.30	0.03	L	8.1211	0.0020	0.011	59		8.10	8.15					1							
26890	10.752	0.053	9.692	0.033		0.909	0.049	T	0.95	0.05	L	9.7878	0.0044	0.029	92		9.74	9.84					1							
26891	11.310	0.055	9.190	0.015		1.753	0.046	T	1.78	0.05	L	9.0978	0.0021	0.023	188		9.05	9.13					1							
26892	8.305	0.008	7.133	0.006		1.005	0.008	T	0.98	0.01	L	7.1953	0.0010	0.010	106		7.18	7.23					1							S
26893	8.091	0.010	6.956	0.007		0.978	0.015	G	0.96	0.01	H	7.0132	0.0009	0.007	64		7.00	7.03					1							S
26894	8.013	0.008	7.112	0.007	*	0.801	0.008	T	0.83	0.01	L *	7.1650	0.0011	0.010	107	*	7.15	7.18		D	05426−1038	H 1	2 C S A	AB	166	0.157	0.010	1.30	0.24	S
26895	8.798	0.010	8.666	0.012		0.120	0.014	T	0.13	0.01	L	8.6892	0.0017	0.018	147		8.66	8.72		C			1							
26896	8.303	0.008	8.078	0.009		0.215	0.011	T	0.24	0.01	L	8.1121	0.0018	0.014	119		8.09	8.14					1							S
26897	9.698	0.023	8.598	0.016		0.949	0.022	T	0.94	0.02	L	8.6311	0.0018	0.014	94		8.61	8.65		C			1							
26898	9.626	0.026	9.129	0.025		0.467	0.033	T	0.54	0.04	L	9.1944	0.0025	0.018	66		9.17	9.23		C			1							
26899	8.335	0.011	7.829	0.009		0.503	0.015	G	0.58	0.02	H	7.8752	0.0013	0.017	107		7.85	7.92					1							S
26900	9.294	0.023	8.748	0.021	*	0.518	0.023	T	0.59	0.02	L *	8.9147	0.0019	0.016	105	*	8.89	8.95		D	05427−7452	I 1	2 C A	BA	355	4.357	0.004	0.13	0.02	

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
26901		05 42 39.36	−77 27 07.7	8.91		H	85.663 979 72	−77.452 130 67		2.85	2.11	6.74	0.74	0.74	0.79	0.79	0.81	−2	+9	+12	+12	−13	+18	−18	+0	−6	−15	0	2.06
26902		05 42 41.48	+36 08 59.5	8.94		H	85.672 821 60	+36.149 852 28		1.66	2.21	−3.66	1.86	0.93	2.29	1.37	0.88	−35	+77	−47	−1	+26	−14	−12	+54	−30	+14	0	−0.05
*26903		05 42 41.70	+44 37 46.0	8.91		H	85.673 747 41	+44.629 454 37		8.10	16.81	−22.48	1.20	0.89	1.40	1.34	0.94	−1	+37	−27	+28	+24	+4	+18	+35	−13	+26	0	1.17
*26904	H	05 42 41.65	−67 08 19.5	7.51		G	85.673 537 12	−67.138 761 10	*	12.85	21.40	−37.51	1.66	1.77	0.84	0.92	1.13	−2	+15	−2	−24	+2	−12	+1	−9	−14	−12	1	1.52
26905		05 42 42.47	+70 28 11.2	8.01		H	85.676 963 88	+70.469 778 65		4.04	−12.58	14.43	0.41	0.66	0.96	0.40	0.75	−6	+17	−16	−1	+10	−4	+11	+2	+7	+9	0	1.66
26906		05 42 43.40	+33 44 20.3	10.09		H	85.680 853 09	+33.738 964 52		6.12	8.74	−50.80	1.70	1.17	1.94	2.10	1.26	−5	+32	−32	+20	+17	−7	+11	+50	−12	−1	2	2.73
26907		05 42 45.69	+02 40 49.2	8.55		G	85.690 373 92	+02.680 323 82		31.90	254.37	−526.90	1.62	0.99	1.28	2.09	1.11	+4	+14	−7	−70	−7	+12	−3	−69	−1	−5	0	−0.85
26908		05 42 46.06	−04 38 10.3	8.50		H	85.691 918 35	−04.636 188 29		1.49	−2.29	0.70	0.89	0.58	1.16	0.91	0.56	+23	+32	+11	−8	−40	−13	−41	+20	−35	+25	0	0.86
26909		05 42 46.61	+40 14 36.3	9.39		H	85.694 207 65	+40.243 427 90		7.19	−25.39	−51.10	1.31	1.04	1.48	1.71	1.21	−7	+24	−1	+30	−11	−3	−5	+52	+10	−24	0	0.30
26910		05 42 47.46	+38 11 52.9	7.12		H	85.697 729 63	+38.198 015 11		8.23	−2.76	−5.91	0.87	0.54	0.97	0.89	0.56	−7	+48	−8	+7	+16	+5	+13	+32	+8	+12	0	−0.09
26912		05 42 48.68	+21 23 20.9	8.57		H	85.702 836 96	+21.389 145 03		3.49	0.71	−0.78	1.30	0.85	1.40	1.62	1.08	+3	+21	−8	+17	+11	−8	+11	+14	+1	+29	0	0.47
26913		05 42 48.84	+17 23 22.2	8.19		H	85.703 518 26	+17.389 499 27		3.85	8.58	−22.39	1.18	0.80	1.25	1.71	1.12	+26	+11	−11	−35	−13	+28	−12	−34	+5	+57	0	−0.95
26914		05 42 48.85	+04 51 08.6	9.60		H	85.703 536 73	+04.852 398 66		6.46	−0.97	−0.25	2.30	1.88	2.04	2.75	2.05	−34	−2	−25	−68	+18	+29	+29	−80	+17	−17	0	−1.18
26915		05 42 49.36	+33 22 27.9	8.63		H	85.705 672 42	+33.374 415 12		2.25	−2.28	5.70	1.19	0.75	1.36	1.45	0.83	−12	+39	−11	+3	+10	−5	+8	+40	−1	−17	0	−0.51
26916		05 42 49.64	+19 50 51.1	9.48		H	85.706 834 64	+19.847 528 26		2.46	−1.54	−13.64	1.50	0.98	1.63	1.66	1.22	+9	+47	−28	+19	+33	−16	+23	+25	−11	+48	0	1.35
26917		05 42 49.84	−34 04 55.0	8.29		H	85.707 663 34	−34.081 935 80		2.39	−1.19	−20.21	0.62	0.66	0.85	0.68	0.72	−3	+18	−13	+5	−13	+25	−10	+5	−4	−12	2	−0.90
26918	H	05 42 50.46	−18 21 42.1	8.38		H	85.710 261 40	−18.361 707 46	*	5.16	10.04	−6.09	1.28	1.27	1.34	1.16	1.13	−19	+29	−28	+20	−19	+14	−14	+10	−9	+16	1	−0.65
26919		05 42 50.59	−45 14 07.8	7.64		H	85.710 799 85	−45.235 505 74		3.39	−5.89	3.82	0.53	0.57	0.66	0.70	0.71	+2	+7	−10	−1	−11	+36	−8	−18	+0	+0	0	2.09
26920		05 42 50.81	−35 06 08.7	9.56		G	85.711 716 49	−35.102 426 33		9.19	−37.26	−203.82	0.78	0.85	1.05	0.86	1.01	−8	+17	−6	−3	−6	+16	−9	+1	−18	−6	0	1.04
26921		05 42 51.16	+35 22 45.2	8.52		G	85.713 185 15	+35.379 228 56		7.63	7.62	−27.55	1.20	0.79	1.36	1.30	0.80	−15	+44	−28	+15	+26	+3	+8	+46	−24	+7	0	−0.30
26922	H	05 42 51.41	+05 36 11.8	8.97		H	85.714 221 48	+05.603 277 04	A	6.63	−1.78	−6.53	3.54	2.23	3.20	2.79	2.04	−30	+59	−7	−36	+27	−18	+17	−62	−8	−24	4	0.62
26923		05 42 53.05	−29 19 47.4	8.47		H	85.721 038 07	−29.329 844 74		2.90	−6.66	6.16	0.57	0.64	0.85	0.68	0.71	−6	+14	−4	−4	−6	+13	−6	+20	−17	−9	0	2.54
26924		05 42 53.46	−33 57 30.0	7.21		H	85.722 736 81	−33.958 333 19		4.40	2.15	−28.32	0.50	0.51	0.66	0.54	0.56	−3	+23	−17	+3	−12	+21	−9	+7	−4	−8	0	−0.52
26925		05 42 53.68	+18 58 49.4	6.66		H	85.723 653 82	+18.980 389 40		8.40	−6.74	−11.71	0.88	0.59	0.91	1.12	0.77	+20	+35	−9	+27	+27	−15	+22	+30	−6	+26	3	1.12
26926	H	05 42 53.91	−06 47 46.7	5.97		H	85.724 615 74	−06.796 314 91	*	19.94	12.26	60.59	0.66	0.45	0.83	0.80	0.49	+17	+19	−4	+6	−16	+2	−18	+31	−28	+22	0	1.73
26927		05 42 54.75	−16 46 16.4	10.02		H	85.728 122 22	−16.771 231 55		−0.83	0.66	−0.30	1.13	1.23	1.81	1.20	1.39	−19	+30	−22	+16	−31	−8	−38	+19	−19	−3	0	0.95
26928		05 42 56.32	+05 14 08.9	8.15		G	85.734 672 45	+05.235 809 56		4.13	−0.73	−8.04	1.24	0.85	1.30	1.45	0.98	−17	+47	−6	−45	+23	−18	+18	−62	+2	−26	0	−0.62
26929		05 42 56.42	+72 18 05.7	8.17		H	85.735 063 92	+72.301 593 25		4.37	9.15	−34.99	0.45	0.65	0.90	0.47	0.76	+3	+9	+1	+14	+13	+18	+16	−6	+11	+7	0	2.53
26930		05 42 58.10	+14 10 42.7	6.72		H	85.742 100 57	+14.178 521 07		8.98	−46.14	−8.25	0.86	0.55	0.98	1.02	0.61	−2	+43	−20	−5	−8	−9	−11	−40	+10	−19	0	1.97
26931		05 42 58.26	+33 18 52.6	6.91		H	85.742 735 96	+33.314 608 46		8.86	−2.88	−24.14	0.83	0.53	0.95	1.03	0.58	+4	+36	−14	+14	+16	−14	+15	+50	−3	−6	0	−0.82
*26932		05 42 58.72	−84 54 03.6	7.93		H	85.744 673 47	−84.901 010 81		5.15	−1.94	1.10	0.57	0.55	0.63	0.64	0.64	−6	+20	+7	−11	−13	−9	−4	+21	+22	−23	0	0.07
*26933		05 42 58.70	+54 15 27.5	9.27		H	85.744 584 29	+54.257 629 95		23.49	−146.05	−152.01	1.04	0.76	1.40	1.20	0.80	+14	+32	−11	−5	−7	−9	+1	−36	+21	+20	1	0.31
*26934		05 42 58.81	−04 49 58.0	9.68		G	85.745 052 06	−04.832 775 45		1.20	−0.82	−2.64	1.13	0.72	1.61	1.09	0.72	+18	+35	+1	−7	−38	−5	−43	+23	−44	+18	0	0.66
*26935		05 42 58.80	−07 28 51.3	8.18		H	85.745 006 26	−07.480 922 49		16.82	51.59	−99.33	0.92	0.61	1.20	0.97	0.64	+10	+32	+6	+1	−30	−6	−34	+22	−36	+7	0	−0.15
26936		05 42 59.06	+05 29 53.3	9.59		H	85.746 076 47	+05.498 150 35		12.50	−14.66	−8.31	1.93	1.21	2.12	1.88	1.31	−16	+61	−14	−34	+11	−19	+6	−56	+0	−14	0	1.43
26937		05 42 59.44	+01 29 30.9	8.26		G	85.747 685 31	+01.491 914 13		3.80	−5.03	0.04	0.87	0.65	1.00	1.09	0.78	+6	+34	−6	−12	−1	−19	−6	−31	−8	+8	0	0.41
26938		05 42 59.84	+44 51 05.2	7.57		H	85.749 339 67	+44.851 457 72		4.60	−19.63	0.20	0.89	0.64	1.02	0.92	0.65	−3	+44	−26	+27	+22	+8	+20	+26	−4	+33	0	1.34
26939	H	05 43 00.57	−02 18 45.4	8.27		H	85.752 375 44	−02.312 613 04	A	5.02	7.16	4.35	2.31	4.50	1.89	1.75	1.01	−5	+16	−16	−32	−14	+26	−12	−16	−9	−7	1	−0.33
26940	H	05 43 00.75	+73 59 08.8	6.77	1	H	85.753 132 07	+73.985 768 60	A	6.45	−8.08	11.57	0.46	0.55	0.67	0.47	0.56	−7	+9	+4	−4	+7	−3	+7	+5	+3	−3	2	0.21
26941		05 43 01.10	−11 49 27.8	8.72		H	85.754 592 43	−11.824 380 61		5.87	21.35	24.54	0.79	0.68	1.08	0.75	0.64	+9	+19	−18	+9	−40	−9	−45	+14	−19	−2	0	0.78
26942		05 43 01.66	+56 34 53.2	6.05		H	85.756 906 34	+56.581 452 57		16.26	16.09	28.70	0.53	0.43	0.70	0.59	0.42	+1	+17	+22	−11	+13	−2	+8	−43	−10	−13	3	0.49
26943		05 43 01.83	−42 50 53.1	8.81		H	85.757 639 52	−42.848 086 22		1.31	−0.09	6.72	0.63	0.74	0.78	0.64	0.88	−8	+19	−4	−8	−2	−15	−3	−13	−1	−10	0	0.57
*26944		05 43 02.02	+22 40 32.5	8.30	2	H	85.758 400 44	+22.675 689 66		1.36	−7.25	−6.03	1.03	0.70	1.16	1.27	0.90	+9	+40	−34	+13	+34	−11	+23	+27	−11	+55	5	−0.96
*26945		05 43 02.02	−60 52 05.9	9.24		H	85.758 397 17	−60.868 296 33		0.95	−5.27	17.25	0.73	0.71	0.76	0.85	0.88	−4	+16	−4	+2	−12	+3	−11	−1	+7	−23	0	−0.36
26946		05 43 02.60	+30 54 09.9	8.12		H	85.760 831 20	+30.902 749 36		2.42	1.43	−2.28	1.01	0.64	1.09	1.10	0.63	+5	+38	−18	+23	+28	+5	+21	+57	−7	+11	0	0.77
26947	H	05 43 03.19	+25 21 47.8	8.15		G	85.763 274 51	+25.363 284 54	A	9.40	2.80	−19.66	2.10	1.35	2.23	2.14	1.42	+1	+45	−37	+17	+17	+22	+27	+8	+10	+42	0	1.42
26948	H	05 43 04.88	−35 16 01.3	9.55	2	H	85.770 313 86	−35.267 030 22	A	9.47	−3.90	−73.96	1.50	1.67	1.83	1.55	1.81	−4	+7	−8	+2	−9	+7	−5	+2	−18	−7	2	2.21
26949		05 43 05.23	−05 48 27.4	9.46		G	85.771 807 01	−05.807 610 69		1.12	−6.87	−13.25	1.06	0.65	1.40	1.07	0.67	+26	+34	−5	−30	−42	−2	−46	+3	−43	+25	0	0.27
26950		05 43 07.49	−07 59 57.2	11.80		H	85.781 218 64	−07.999 214 14		3.22	−121.53	−151.69	3.74	2.35	4.75	5.26	4.09	+2	+37	−16	−5	−8	−18	−51	+16	−47	−15	2	0.99
26951		05 43 07.82	+20 04 22.7	9.86		H	85.782 577 93	+20.072 980 87		7.24	8.33	−34.08	1.74	1.09	1.84	1.86	1.38	+2	+52	−18	+19	+24	+1	+22	+14	−2	+44	0	2.72
26952		05 43 09.14	+35 13 51.1	8.82		H	85.788 098 90	+35.230 864 90		2.46	2.26	−4.77	1.26	0.88	1.42	1.45	0.88	+3	+36	−30	+24	+38	+10	+26	+52	−22	+22	0	0.73
26953		05 43 09.32	−01 36 47.4	6.31	1	H	85.788 815 64	−01.613 177 71		4.80	4.86	−29.07	0.80	0.61	0.95	0.98	0.67	−29	+39	−34	−22	+22	−22	+16	−39	+11	−33	2	1.70
26954		05 43 11.27	+08 09 46.3	9.85		H	85.796 950 98	+08.162 850 10		6.83	4.39	−5.46	1.31	0.88	1.59	1.46	1.04	−11	+44	−29	−3	−10	−7	+2	−36	+32	−7	0	−0.47
26955		05 43 11.89	−04 59 49.9	9.07	2	G	85.799 547 74	−04.997 182 56		2.37	2.26	−4.50	0.94	0.60	1.30	0.92	0.59	+19	+33	−1	−10	−40	−2	−45	+23	−40	+20	0	0.41
26956		05 43 12.71	+46 25 17.4	8.68		H	85.802 976 23	+46.421 494 87		1.79	0.98	−14.65	1.25	0.91	1.41	1.45	0.95	+18	+14	−29	+47	+37	−25	+28	+45	−11	+15	0	0.50
26957		05 43 13.75	+41 41 47.6	6.81		H	85.807 291 25	+41.696 545 77		11.23	62.30	−100.62	0.84	0.68	0.97	1.31	0.91	−25	+19	−6	+5	+7	+24	+9	+37	−25	−53	2	0.87
26958		05 43 13.83	−46 27 14.0	7.98	3	H	85.807 637 21	−46.453 878 17		1.05	−2.62	15.33	0.59	0.66	0.70	0.73	0.77	+1	+8	−2	+11	−4	+12	−8	−17	+8	−19	0	−0.14
26959		05 43 14.52	−33 25 29.9	6.83	2	H	85.810 485 00	−33.424 985 14		1.89	−1.52	4.08	0.43	0.48	0.60	0.46	0.53	−3	+16	−15	+1	−11	+20	−9	+7	−8	−7	0	1.64
26960	T	05 43 16.23	+41 07 06.7	10.31		H	85.817 606 59	+41.118 518 99	B	5.18	−5.91	−2.58	36.59	29.32	2.36	3.07	2.17	−23	+3	−1	+1	+1	−9	+1	+3	+9	−7	0	0.77
26961		05 43 17.17	+41 07 22.4	7.47		G	85.821 535 22	+41.122 879 41	A	5.18	−5.91	−2.58	2.81	2.04	2.36	3.07	2.17	−2	+42	−12	+16	+12	−9	+15	+49	+9	−7	0	0.77
26962		05 43 18.22	−10 42 44.1	9.60		G	85.825 921 50	−10.712 258 52		6.86	17.98	37.94	1.15	0.89	1.45	1.23	0.88	+15	+5	−22	−21	−52	+25	−43	+11	−27	−11	0	0.54
26963		05 43 18.44	−44 32 42.2	9.83		H	85.826 840 56	−44.545 056 52		10.76	−47.61	−142.04	0.98	0.96	1.08	1.03	1.16	−3	−17	−2	−28	−1	+22	+0	−25	−5	−9	0	0.32
26964		05 43 19.50	+23 12 15.9	6.23		H	85.831 243 80	+23.204 410 36		2.97	6.41	−15.78	0.85	0.56	0.95	0.93	0.68	+2	+44	−25	+16	+32	+3	+20	+29	−18	+44	3	1.21
26965		05 43 19.88	−54 49 10.7	8.59		H	85.832 852 47	−54.819 635 21		7.77	−2.52	22.04	0.73	0.81	0.81	0.77	1.05	−6	+4	−4	+4	−11	+5	−9	+0	−4	−2	6	1.05
26966		05 43 21.66	−18 33 26.8	5.73		G	85.840 245 42	−18.557 443 24		14.45	18.45	−13.20	0.58	0.49	0.76	0.69	0.61	−15	+30	−25	+35	−24	−1	−23	+18	−20	+21	2	0.17
26967		05 43 22.00	+21 24 57.7	8.35		H	85.841 675 54	+21.416 039 24		3.40	11.42	−29.85	1.15	0.76	1.24	1.82	1.10	+11	+11	−4	+13	+1	+3	+3	+6	+8	+22	0	0.12
26968		05 43 22.02	+59 42 13.9	8.67		G	85.841 764 38	+59.703 857 86		8.10	−15.64	−25.27	0.77	0.67	1.02	0.88	0.68	+17	+13	−4	−3	+13	−17	+10	−23	−2	+18	2	1.27
26969		05 43 22.81	+29 12 01.0	6.62		H	85.845 061 75	+29.200 279 89		5.53	3.08	−24.13	0.87	0.63	0.96	1.08	0.70	+29	+29	−40	+30	+52	−20	+33	+60	−27	+64	2	−0.48
26970		05 43 23.27	+50 42 08.4	7.25		H	85.846 949 90	+50.702 320 94		3.46	8.34	−40.57	0.88	0.68	0.97	1.06	0.87	+51	+32	+15	+31	+28	−13	+27	+31	−3	+39	0	0.90
26971		05 43 23.92	+05 21 31.2	6.73		H	85.849 654 76	+05.358 654 23		2.98	−1.92	−7.28	0.83	0.56	0.93	0.92	0.63	−18	+44	−18	−8	+10	−9	+10	−41	+3	−9	0	−0.82
26972		05 43 25.90	+48 14 41.1	9.82		H	85.857 919 03	+48.244 762 71		−2.68	3.52	−4.17	1.53	1.16	1.81	1.79	1.27	+14	+34	−29	+24	+23	+5	+16	+31	−19	+38	8	0.61
26973		05 43 26.41	−47 49 24.6	8.52		H	85.860 044 80	−47.823 496 30		27.86	52.78	214.35	0.69	0.76	0.79	0.73	0.86	−16	+24	−6	−9	+9	+5	+8	−32	+7	−27	0	0.24
26974		05 43 26.61	+52 29 19.4	7.14		H	85.860 884 57	+52.488 726 16		33.02	244.22	22.00	0.80	0.55	0.95	0.87	0.56	+45	+37	+29	+28	+37	−9	+35	−5	+3	+33	0	1.05
26975		05 43 26.67	−49 50 32.8	7.59	1	G	85.861 144 71	−49.842 437 69		2.17	−6.61	15.96	0.56	0.53	0.59	0.73	0.72	−14	+0	−10	+9	+4	−17	−3	−15	+5	−33	0	1.66
26976		05 43 27.46	−26 08 39.7	7.93		H	85.864 400 29	−26.144 366 36		2.71	−4.18	15.83	0.50	0.66	0.87	0.62	0.87	−2	−2	−11	+2	+1	−6	+0	+20	−12	−2	0	0.68
26977		05 43 28.57	−25 37 19.1	8.70		H	85.869 027 78	−25.621 982 28		18.53	−25.67	−44.09	0.58	0.79	1.05	0.77	1.12	−6	+8	+6	+12	−4	+4	−5	+2	−10	−7	0	0.16
26978		05 43 28.61	+43 29 36.2	9.16		H	85.869 224 00	+43.493 387 43		−0.02	0.77	−5.25	1.17	0.81	1.33	1.36	0.92	+8	+32	−16	+21	+21	+6	+16	+38	−10	+13	0	−1.46
26979		05 43 29.45	+42 19 40.8	9.41		H	85.872 708 51	+42.327 993 01		0.14	0.93	−2.63	1.35	1.01	1.41	2.00	1.23	−30	+19	−14	+18	−6	+14	−6	+54	−8	−38	2	2.29
26980	H	05 43 29.69	+16 41 54.1	8.18		H	85.873 705 67	+16.698 358 75	*	3.59	−5.20	−6.26	4.56	3.43	1.67	2.66	1.87	−27	+21	−2	−52	−7	+16	−3	−61	+3	+8	0	0.39
26981		05 43 30.15	−39 24 24.9	6.25		H	85.875 621 46	−39.406 917 39		18.73	48.43	3.90	0.45	0.47	0.55	0.51	0.57	+0	+8	−2	+7	−1	+2	−4	−4	−8	−16	0	−0.38
26982		05 43 30.51	+18 08 43.3	8.80		H	85.877 135 68	+18.145 373 61		1.57	−2.86	−1.29	1.45	0.94	1.73	2.10	1.26	−2	−1	−23	−32	−7	+44	−7	−16	+5	+48	0	0.95
26983		05 43 31.00	−47 32 46.3	7.63	2	H	85.879 185 67	−47.546 200 52		2.15	0.05	−7.89	0.61	0.63	0.69	0.64	0.66	−13	+30	−10	+1	−1	+4	−2	−16	+2	−24	0	1.13
26984		05 43 32.35	+08 45 30.3	8.05		G	85.884 782 88	+08.758 410 71		4.65	11.50	5.11	0.94	0.59	1.10	0.95	0.65	+5	+52	−17	−19	−11	−14	−2	−44	+18	+13	0	0.18
26985		05 43 32.63	−76 46 06.5	8.76		G	85.885 949 23	−76.768 462 41		22.59	103.27	229.69	0.68	0.68	0.71	0.70	0.83	−1	+17	+5	−23	−2	+2	−3	−16	−1	−12	1	0.14
26986		05 43 33.22	+04 30 17.6	9.17		H	85.888 413 00	+04.504 895 91		7.47	8.26	−26.52	1.80	1.33	1.85	2.27	1.43	−29	−9	−35	−63	+10	+35	+24	−69	+23	−7	0	0.06
26987		05 43 33.45	−07 17 32.2	9.53		G	85.889 368 45	−07.292 275 00		3.52	−2.32	−0.07	1.23	0.85	1.63	1.36	0.86	+23	+26	+10	−10	−27	−6	−26	+20	−33	+13	0	−0.74
26988		05 43 33.77	+61 02 17.7	7.63		G	85.890 717 93	+61.038 243 31		11.44	7.44	−79.05	0.68	0.57	0.89	0.82	0.66	+7	+24	−19	−19	+12	−17	+9	−20	+5	+9	0	−0.26
26989	H	05 43 34.76	+66 32 40.8	8.59		H	85.894 838 61	+66.544 669 65	*	4.92	−5.29	−3.90	9.03	10.95	2.02	1.26	1.36	−91	+6	−5	+4	−1	+1	+3	+0	−11	−23	0	2.10
26990		05 43 35.79	−39 55 24.8	8.14		H	85.899 122 88	−39.923 568 34		19.17	25.30	14.89	0.57	0.67	0.73	0.57	0.75	−3	+12	−3	−3	−3	+4	−4	+4	−10	−11	0	−1.60
26991	H	05 43 36.08	+12 59 44.3	8.29		H	85.900 344 35	+12.995 651 68	A	0.95	−11.31	−7.52	3.30	1.87	3.11	3.16	1.76	−12	+30	−9	−17	−9	+16	−6	−46	−5	−8	1	0.44
26992		05 43 36.55	+06 53 18.7	7.22		H	85.902 291 57	+06.888 514 11		2.25	−4.99	−7.40	0.79	0.53	0.92	0.81	0.60	+4	+46	−8	+0	+3	−10	−2	−33	−9	+10	0	−1.18
26993		05 43 36.83	+29 45 10.1	9.12		H	85.903 440 34	+29.752 813 32		4.64	−1.92	−9.87	1.39	0.90	1.53	1.62	0.96	+2	+42	−25	+19	+27	−13	+12	+52	−15	+21	0	0.31
26994		05 43 37.44	+10 01 10.5	8.45		H	85.906 005 19	+10.019 570 67		3.34	4.19	−16.86	1.15	0.66	1.39	1.23	0.67	−22	+51	−42	+8	−23	+10	−7	−39	+18	+0	2	−0.08
26995		05 43 37.48	−68 04 53.0	7.49		H	85.906 155 62	−68.081 383 09		4.62	−11.75	37.53	0.66	0.62	0.61	0.72	0.75	−17	+12	−4	−42	+12	+12	+9	−46	−10	−35	1	0.66
26996		05 43 37.63	+59 56 18.0	7.84		G	85.906 777 00	+59.938 338 89		10.66	−7.36	−113.92	0.64	0.58	0.87	0.68	0.55	+24	+27	+3	−3	+0	−13	−1	−27	−2	+23	0	0.29
26997		05 43 38.14	+55 19 44.3	7.32		H	85.908 901 38	+55.328 984 24		4.55	33.50	−31.07	0.61	0.52	0.86	0.69	0.49	+14	+21	+13	−3	+1	−11	+1	−46	−1	+12	1	−0.48
26998		05 43 39.06	+25 26 22.4	6.81	2	H	85.912 752 18	+25.439 552 33		3.81	−1.52	−2.91	0.99	0.61	1.12	1.01	0.72	+1	+52	−27	+3	+16	+15	+19	−1	+5	+60	0	0.43
26999		05 43 39.32	−08 56 15.9	7.61		G	85.913 814 17	−08.937 756 61		1.52	2.28	−1.42	0.61	0.48	0.82	0.65	0.51	+18	+32	−10	−3	−15	−20	−24	+32	−33	+26	0	1.77
27000	H	05 43 40.76	+66 32 54.5	10.69		H	85.919 840 00	+66.548 479 77	*	3.58	3.67	−14.23	5.85	6.88	4.53	2.78	3.08	−10	+14	−6	+18	+1	−3	−7	+7	+5	−9	1	0.84

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
26901	10.668	0.040	9.083	0.018		1.329	0.035	T	1.29	0.04	L	9.0613	0.0017	0.018	116		9.03	9.09		C			1							
26902	9.055	0.022	8.940	0.027		0.104	0.032	T	0.12	0.04	L	8.9822	0.0021	0.014	55		8.96	9.01		C			1							
26903	9.440	0.022	8.962	0.022		0.463	0.024	T	0.53	0.03	L	9.0196	0.0030	0.016	65		8.99	9.05		C			1							
26904	8.100	0.010	7.576	0.008	*	0.541	0.001	G	0.61	0.00	H	* 7.6232	0.0012	0.010	97	*	7.60	7.64		D	05427−6708	I 1	2 C A	AB	272	0.283	0.017	2.54	0.23	S
26905	9.570	0.011	8.129	0.007		1.216	0.010	T	1.18	0.01	L	8.1741	0.0010	0.015	264		8.15	8.20					1							
26906	10.704	0.061	10.214	0.062		0.461	0.079	T	0.53	0.08	L	10.1884	0.0029	0.026	72		10.14	10.23		R	05427+3344	I 1	1 S							G
26907	9.620	0.033	8.653	0.024		0.887	0.014	G	0.93	0.01	H	8.6911	0.0021	0.011	63		8.67	8.71		C			1							
26908	8.863	0.011	8.530	0.012		0.316	0.015	T	0.36	0.02	L	8.5766	0.0015	0.014	134		8.55	8.60		C			1							
26909	10.283	0.039	9.460	0.031		0.742	0.038	T	0.79	0.03	L	9.5297	0.0031	0.022	58		9.49	9.56		C			1							G
26910	8.365	0.012	7.239	0.010		0.969	0.012	T	0.95	0.01	L	7.2873	0.0009	0.007	69		7.28	7.30					1							S
26912	10.255	0.054	8.727	0.025		1.284	0.047	T	1.24	0.05	L	8.7251	0.0027	0.013	41		8.70	8.74		C			1							
26913	9.628	0.028	8.319	0.017		1.112	0.026	T	1.07	0.03	L	8.3615	0.0020	0.010	46		8.34	8.39					1							
26914	9.770	0.027	9.593	0.032		0.170	0.039	T	0.19	0.04	L	9.6609	0.0042	0.027	62		9.62	9.71					1							G
26915	10.147	0.036	8.797	0.019		1.073	0.243	G	1.06	0.04	L	8.8005	0.0021	0.015	77		8.78	8.83		D	05428+3322	I 1	1							
26916	10.162	0.042	9.540	0.038		0.579	0.049	T	0.65	0.04	L	9.6025	0.0019	0.019	56		9.58	9.63		D			1							G
26917	9.725	0.018	8.407	0.011		1.119	0.017	T	1.08	0.02	L	8.4566	0.0013	0.015	135		8.43	8.48		C			1							
26918	8.634	0.010	8.410	0.012	*	0.214	0.015	T	0.24	0.02	L	* 8.4429	0.0016	0.015	98	*	8.42	8.48		D	05428−1822	I 1	2 C A	AB	154	0.236	0.005	0.70	0.12	
26919	7.512	0.007	7.613	0.007		−0.090	0.002	G	−0.07	0.00	H	7.6140	0.0013	0.012	103		7.59	7.64					1							S
26920	10.383	0.032	9.578	0.025		0.679	0.003	G	0.74	0.00	H	9.6932	0.0022	0.022	122		9.66	9.72		C			1							
26921	8.770	0.015	8.510	0.017		0.241	0.015	G	0.27	0.02	H	8.5788	0.0016	0.015	66		8.55	8.61		D			1							
26922	9.271	0.021	9.018	0.023	*	0.241	0.029	T	0.27	0.04	L	* 9.0355	0.0037	0.023	69	*	9.01	9.07		D	05429+0536	I 1	2 C A	AB	109	0.611	0.012	1.49	0.05	
26923	8.863	0.010	8.488	0.010		0.355	0.013	T	0.42	0.01	L	8.5522	0.0013	0.016	147		8.53	8.58		C			1							
26924	8.527	0.009	7.316	0.006		1.036	0.008	T	1.01	0.01	L	7.3748	0.0009	0.011	140		7.35	7.39			05429−3357	I 1	1							S
26925	6.644	0.007	6.666	0.010		−0.015	0.011	T	0.01	0.01	L	6.6646	0.0008	0.006	51		6.65	6.68		C	05429+1859	I 1	1 S							S
26926	6.477	0.003	6.017	0.003	*	0.447	0.003	T	0.52	0.00	L	* 6.0651	0.0011	0.006	104	*	6.06	6.08			05429−0648	I 1	2 C S A	AB	245	0.135	0.019	0.73	0.41	S
26927	11.566	0.075	10.134	0.033		1.077	0.047	G	1.04	0.04	H	10.1883	0.0034	0.036	126		10.13	10.24					1							G
26928	8.206	0.012	8.160	0.014		0.037	0.009	G	0.05	0.01	H	8.1753	0.0014	0.012	70		8.16	8.20					1							
26929	8.788	0.009	8.222	0.008		0.529	0.011	T	0.60	0.01	L	8.2873	0.0013	0.016	207		8.26	8.32					1							
26930	8.130	0.010	6.843	0.006		1.095	0.001	G	1.09	0.02	A	6.8868	0.0007	0.008	91		6.88	6.91		C			1							S
26931	7.453	0.006	6.982	0.007		0.444	0.008	T	0.51	0.01	L	7.0129	0.0008	0.006	74		7.01	7.02		C	05430+3319	I 1	1							S
26932	8.469	0.010	7.984	0.011		0.483	0.014	G	0.55	0.01	H	8.0380	0.0013	0.013	128		8.02	8.06		C			1							S
26933	10.401	0.028	9.379	0.019		0.891	0.025	T	0.90	0.02	L	9.4244	0.0029	0.031	140		9.37	9.48		R			1							
26934	9.825	0.021	9.656	0.026		0.171	0.026	G	0.19	0.03	H	9.7191	0.0021	0.021	144		9.68	9.76		C			1							
26935	9.011	0.013	8.248	0.011		0.696	0.013	T	0.75	0.01	L	8.3213	0.0017	0.012	91		8.30	8.34					1							S
26936	10.102	0.033	9.616	0.033		0.457	0.042	T	0.53	0.04	L	9.6866	0.0036	0.022	68		9.65	9.72					1							G
26937	8.175	0.010	8.255	0.013		−0.079	0.002	G	−0.06	0.00	H	8.2424	0.0016	0.012	81		8.23	8.26		C			1							
26938	7.749	0.009	7.576	0.011		0.158	0.014	T	0.17	0.01	L	7.6316	0.0013	0.012	68		7.62	7.65		C			1							S
26939	8.435	0.011	8.325	0.014	*	0.099	0.016	T	0.11	0.02	L	* 8.3124	0.0022	0.014	78	*	8.29	8.34		C	05430−0219	H 1	2 C C	AB	174	0.350	0.051	3.54	0.52	
26940	7.148	0.004	6.801	0.004	*	0.329	0.006	T	0.38	0.01	L	* 6.8458	0.0018	0.019	189	*	6.82	6.88		U 2	05430+7359	M 1	2 C A	AB	330	0.883	0.012	3.55	0.05	S
26941	8.772	0.011	8.722	0.013		0.051	0.016	T	0.06	0.01	L	8.7449	0.0015	0.014	111		8.72	8.78		C			1							
26942	7.273	0.005	6.152	0.004		0.951	0.001	G	0.94	0.00	H	6.2095	0.0008	0.007	131		6.20	6.22		C			1							S
26943	8.638	0.010	8.785	0.014		−0.125	0.002	G	−0.11	0.00	H	8.7726	0.0022	0.022	116		8.73	8.80					1							
26944	8.231	0.013	8.291	0.017		−0.050	0.019	T	−0.03	0.02	L	8.2876	0.0030	0.025	56		8.23	8.31		U 2			1							
26945	9.339	0.017	9.245	0.021		0.085	0.025	T	0.10	0.03	L	9.2803	0.0024	0.018	102		9.25	9.31					1							
26946	9.876	0.024	8.271	0.012		1.350	0.015	G	1.32	0.02	H	8.2676	0.0014	0.010	89		8.25	8.29		C			1							
26947	8.629	0.020	8.465	0.023	A	0.250	0.015	G	0.28	0.02	H	* 8.2187	0.0021	0.011	53	*	8.20	8.24		D	05431+2522	I 1	2 C A	AB	98	2.669	0.008	1.28	0.03	
26948	10.319	0.029	9.637	0.025	A	0.664	0.096	G	0.73	0.08	R	* 9.6830	0.0065	0.053	127	*	9.58	9.75		U 2	05431−3516	H 1	2 C D	AB	206	3.650	0.160	4.21	0.92	D
26949	9.824	0.021	9.506	0.022		0.332	0.008	G	0.39	0.01	H	9.5412	0.0015	0.015	114		9.51	9.56		C			1							
26950						0.384	0.015	G	0.45	0.02	H	11.8928	0.0068	0.060	78		11.77	11.99					1 G							G
26951	10.453	0.055	9.957	0.054		0.466	0.070	T	0.54	0.07	L	9.9655	0.0037	0.018	44		9.93	10.00		C			1							G
26952	8.918	0.016	8.859	0.020		0.208	0.015	G	0.23	0.02	H	8.8807	0.0022	0.015	71		8.86	8.91		C			1							
26953	8.234	0.012	6.483	0.005		1.467	0.013	G	1.48	0.02	H	6.4428	0.0021	0.012	79		6.42	6.46		U 2			1							S
26954	10.000	0.027	9.847	0.034		0.147	0.041	T	0.16	0.04	L	9.9044	0.0021	0.025	88		9.87	9.95					1							G
26955	9.108	0.013	9.078	0.016		0.044	0.021	G	0.06	0.02	H	9.0912	0.0023	0.031	142		9.05	9.16		U 2			1							
26956	11.165	0.090	8.939	0.024		1.500	0.040	G	1.50	0.10	R	8.8116	0.0038	0.022	57		8.79	8.86					1 S							
26957	7.687	0.013	6.898	0.009		0.710	0.007	G	0.76	0.01	H	6.9506	0.0009	0.008	56		6.94	6.97		C			1							S
26958	14.114	0.906	8.307	0.011		4.750	0.510	G	3.54	0.53	P	7.6770	0.0159	0.167	102		7.41	8.03		U 2			1 S							
26959	8.979	0.011	7.067	0.005		1.621	0.010	T	2.50	0.03	O	6.8506	0.0043	0.059	140		6.75	6.93		U 2			1 S							S P
26960											T	10.3200	0.1633			B				D	05433+4107	I 2	1 C F D							D
26961	7.463	0.009	7.431	0.010	A	0.010	0.015	G	0.03	0.01	H	7.4734	0.0141	0.025	65	A	7.42	7.51		D	05433+4107	I 2	1 C P D							S D
26962	10.093	0.027	9.645	0.028		0.440	0.020	G	0.51	0.02	H	9.7034	0.0024	0.021	101		9.68	9.74					1							
26963	10.624	0.035	9.908	0.029		0.645	0.034	T	0.71	0.03	L	9.9667	0.0021	0.024	104		9.92	10.01		D			1							
26964	6.137	0.005	6.220	0.005		−0.071	0.006	T	−0.05	0.01	L	6.2099	0.0012	0.006	53		6.19	6.22		C			1							S
26965	9.037	0.014	8.634	0.014		0.394	0.017	T	0.46	0.02	L	8.6816	0.0021	0.017	105		8.65	8.72					1 G							
26966	5.716	0.003	5.729	0.003		−0.014	0.003	G	0.01	0.00	H	5.7349	0.0007	0.006	106		5.72	5.75					1							S
26967	8.447	0.018	8.361	0.021		0.084	0.026	T	0.10	0.03	L	8.3837	0.0012	0.009	45		8.37	8.41		D			1							
26968	9.380	0.017	8.724	0.015		0.590	0.015	G	0.66	0.01	H	8.7961	0.0017	0.017	110		8.77	8.83		C			1							
26969	7.996	0.016	6.734	0.008		1.075	0.014	T	1.04	0.01	L	6.7853	0.0010	0.007	70		6.77	6.80		C			1							S
26970	8.533	0.018	7.364	0.012		1.003	0.017	T	0.98	0.01	L	7.4164	0.0012	0.009	68		7.40	7.44					1							S
26971	6.676	0.006	6.729	0.007		−0.034	0.011	G	−0.01	0.01	H	6.7278	0.0010	0.007	76		6.72	6.74		C			1							S
26972	11.241	0.083	10.017	0.049		1.046	0.075	T	1.02	0.06	L	9.9892	0.0045	0.027	58		9.93	10.03		C			1							G
26973	9.580	0.023	8.615	0.016		0.861	0.010	G	0.90	0.01	H	8.6592	0.0022	0.016	97		8.63	8.68					1							
26974	7.892	0.006	7.216	0.006		0.624	0.003	G	0.69	0.00	H	7.2727	0.0010	0.008	136		7.26	7.29					1							S
26975	7.424	0.007	7.583	0.010		−0.135	0.005	G	−0.13	0.01	H	7.5480	0.0017	0.015	91		7.53	7.57		M	05434−4951	I 1	1							S
26976	9.308	0.013	8.047	0.008		1.075	0.012	T	1.04	0.01	L	8.0936	0.0016	0.014	166		8.07	8.12					1							S
26977	9.568	0.013	8.783	0.011		0.697	0.013	T	0.75	0.01	L	8.8383	0.0018	0.021	174		8.81	8.87					1							
26978	11.996	0.209	9.456	0.034		2.139	0.174	T	1.95	0.25	K	9.2472	0.0028	0.016	64		9.22	9.28		C			1							
26979	9.645	0.032	9.405	0.035		0.229	0.045	T	0.25	0.06	L	9.4803	0.0033	0.024	59		9.41	9.51					1							G
26980	8.287	0.021	8.193	0.025	*	0.092	0.031	T	0.10	0.03	L	* 8.2165	0.0016	0.010	46	*	8.20	8.24		D	05435+1642	I 1	2 C A	AB	140	0.236	0.009	0.95	0.09	
26981	6.677	0.004	6.291	0.004		0.377	0.005	T	0.44	0.01	L	6.3344	0.0006	0.006	120		6.32	6.34					1							S
26982	8.860	0.023	8.786	0.028		0.073	0.034	T	0.08	0.04	L	8.8278	0.0044	0.016	40		8.79	8.85					1							
26983	9.748	0.022	7.858	0.010		1.603	0.020	T	2.46	0.05	O	7.6494	0.0052	0.051	91		7.54	7.74		U 2			1 S							S P
26984	8.339	0.009	8.048	0.010		0.260	0.006	G	0.29	0.01	H	8.1154	0.0016	0.008	84		8.10	8.13		C			1							S
26985	9.621	0.018	8.849	0.015		0.700	0.005	G	0.75	0.01	H	8.8942	0.0020	0.014	121		8.87	8.91					1							
26986	9.654	0.023	9.221	0.024		0.409	0.031	T	0.48	0.03	L	9.2614	0.0033	0.019	66		9.24	9.30					1							
26987	9.579	0.021	9.525	0.027		0.040	0.015	G	0.06	0.01	H	9.5614	0.0022	0.021	90		9.52	9.60					1							
26988	8.246	0.010	7.683	0.010		0.544	0.015	G	0.62	0.01	H	7.7460	0.0016	0.011	109		7.73	7.77		C			1 G							S
26989	8.648	0.010	8.371	0.012	*	−0.200	0.495	G	0.11	0.05	L	* 8.6247	0.0013	0.019	204	−	8.60	8.66		D	05436+6633	I 2	3 C B							G
26990	8.843	0.010	8.206	0.009		0.586	0.010	T	0.66	0.01	L	8.2636	0.0022	0.020	127		8.23	8.30					1							S
26991	8.558	0.009	8.403	0.010	*	0.149	0.012	T	0.16	0.01	L	* 8.3411	0.0016	0.017	113	*	8.31	8.37		D	05436+1300	I 1	2 C A	AB	250	0.807	0.005	0.44	0.01	S
26992	7.153	0.006	7.200	0.007		−0.060	0.015	G	−0.04	0.01	H	7.2097	0.0011	0.007	78		7.20	7.22					1							S
26993	9.200	0.019	9.137	0.025		0.063	0.029	T	0.07	0.03	L	9.1465	0.0031	0.026	64		9.12	9.19					1							
26994	8.604	0.014	8.463	0.016		0.136	0.020	T	0.15	0.02	L	8.4984	0.0016	0.009	71		8.48	8.52					1							
26995	8.727	0.012	7.602	0.008		0.969	0.011	T	0.95	0.01	L	7.6526	0.0011	0.010	100		7.63	7.67		C			1							S
26996	8.375	0.010	7.892	0.009		0.455	0.012	T	0.52	0.01	L	7.9406	0.0013	0.012	111		7.92	7.97					1							S
26997	8.598	0.009	7.432	0.006		1.000	0.008	T	0.98	0.01	L	7.4840	0.0010	0.011	142		7.46	7.50		C			1							S
26998	6.827	0.008	6.825	0.010		0.003	0.011	T	0.02	0.01	L	6.8188	0.0040	0.028	52		6.78	6.85		U 2			1							S P
26999	7.472	0.006	7.584	0.008		−0.109	0.001	G	−0.09	0.00	H	7.5822	0.0010	0.010	110		7.57	7.60					1							S
27000	11.089	0.046	10.424	0.038	*	0.616	0.050	T	0.68	0.04	L	* 10.8216	0.0051	0.056	189	*	10.73	10.94			05436+6633	I 2	2 C B	DE	31	0.296	0.046	1.28	0.35	G

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ α* (19)	π α* (20)	π δ (21)	μα* α* (22)	μα* δ (23)	μα* π (24)	μδ α* (25)	μδ δ (26)	μδ π (27)	μδ μα* (28)	Soln F1 % (29)	F2 (30)
27001		05 43 41.12	−45 49 59.2	6.38		G	85.921 327 67	−45.833 101 30		12.24	24.48	97.57	0.49	0.49	0.56	0.61	0.57	−6	+7	−4	+8	−5	+26	−8	−19	−1	−19	0	1.99
27002		05 43 41.18	−37 42 32.3	8.48		H	85.921 577 44	−37.708 975 22		6.04	10.49	31.74	0.56	0.66	0.75	0.56	0.68	−3	+12	+15	+13	−4	+17	−9	−7	−10	−15	0	−0.68
27003		05 43 41.59	−22 46 49.9	7.91		H	85.923 293 65	−22.780 529 35		1.72	−10.73	−4.52	0.44	0.69	1.02	0.62	0.83	−4	+13	−3	+30	−16	+12	−19	+1	−6	−20	0	0.19
27004		05 43 42.23	+04 00 15.3	7.89		G	85.925 954 91	+04.004 261 50		7.86	−0.45	−2.20	1.05	0.99	1.21	1.27	1.10	−1	+5	−44	−43	−22	+20	−5	−71	+34	+31	0	−1.98
27005		05 43 42.87	−73 32 21.2	8.12		H	85.928 642 36	−73.539 210 37		3.77	−7.46	18.69	0.56	0.54	0.66	0.58	0.78	−9	+10	+17	−15	−1	+19	−10	−40	−23	−14	0	0.14
27006		05 43 42.95	−45 37 16.4	7.93		G	85.928 953 19	−45.621 235 98		3.16	8.43	35.50	0.61	0.62	0.72	0.79	0.77	+10	−6	−20	−15	−7	+35	+0	−27	+2	+7	0	1.82
27007		05 43 43.78	−00 56 19.2	8.79		H	85.932 433 47	−00.938 660 93		1.14	0.91	0.10	1.30	0.92	1.47	1.54	1.01	−36	+48	−31	−34	+32	−25	+22	−42	+2	−30	3	−0.93
27008	H	05 43 45.09	−06 14 40.4	11.90		H	85.937 872 90	−06.244 553 18	A	5.36	38.43	−4.37	11.12	9.70	7.20	6.28	4.41	+32	+9	−7	−4	−11	+15	−15	+9	−26	+10	0	0.09
27009		05 43 45.57	+09 54 52.5	8.92		H	85.939 873 65	+09.914 581 68		2.73	−9.20	−6.13	1.27	0.75	1.43	1.45	0.82	+7	+42	−19	+2	−21	+13	−15	−34	+5	+13	0	−0.23
27010		05 43 45.82	−14 40 14.2	9.22		G	85.940 903 40	−14.670 597 81		6.27	−0.10	−4.02	0.85	0.78	1.10	0.92	0.85	+21	+8	−6	−6	−31	−14	−34	−11	−9	+9	0	1.24
27011		05 43 46.50	−21 25 43.1	6.68		H	85.943 751 30	−21.428 633 56		4.48	3.65	−10.04	0.50	0.51	0.78	0.69	0.66	+6	+25	−16	−31	−29	+5	−28	−4	−4	+14	0	−0.32
27012		05 43 46.71	+26 49 09.3	9.38	2	G	85.944 611 50	+26.819 238 41		1.55	−2.35	−4.75	1.28	0.85	1.35	1.70	1.14	+5	+22	−6	+12	+14	+4	+15	+13	+5	+40	0	0.78
27013	H	05 43 48.07	+01 03 13.8	8.87		H	85.950 295 42	+01.053 838 29	*	4.73	6.65	−1.58	2.52	1.87	1.59	1.90	1.27	+14	+9	−20	−27	−23	−4	−23	−48	+6	+13	1	0.05
27014		05 43 48.10	−19 39 06.8	7.36		H	85.950 402 82	−19.651 890 41		12.52	−48.72	14.11	0.54	0.55	0.83	0.77	0.64	+18	+11	−7	+0	−22	−2	−15	+4	+14	+11	1	1.16
27015		05 43 48.96	+85 40 06.0	6.69		H	85.954 009 75	+85.668 328 39		6.90	−10.52	11.39	0.45	0.49	0.56	0.49	0.61	−1	−2	+6	−18	+4	+8	+4	+7	+1	−1	0	2.44
27016		05 43 49.00	+27 17 45.8	7.91		H	85.954 180 51	+27.296 068 71		3.43	6.32	−0.93	1.01	0.73	1.08	1.40	1.02	+21	+33	−22	+17	+17	−5	+10	+33	−9	+46	0	−0.24
27017		05 43 49.74	+26 25 34.8	8.95		H	85.957 235 49	+26.426 345 93		4.56	−2.12	−4.90	1.24	0.82	1.26	1.61	1.07	+27	+31	+0	+19	+29	+8	+25	+24	+1	+58	0	−0.13
27018		05 43 50.03	+64 44 33.6	8.61		G	85.958 459 92	+64.742 656 27		7.84	−8.75	10.10	0.73	0.71	1.10	0.80	0.83	−2	+21	−12	+0	+1	−21	+3	−7	+23	−6	2	1.55
27019		05 43 50.10	+47 42 49.3	7.26		H	85.958 741 37	+47.713 701 80		2.31	4.02	−17.15	0.85	0.66	1.01	0.95	0.69	+15	+27	−35	+36	+25	−5	+20	+36	−15	+38	0	−1.16
27020		05 43 51.08	+11 24 20.5	7.42		H	85.962 847 70	+11.405 687 27		7.08	15.83	14.27	0.91	0.54	1.05	0.89	0.56	−14	+52	−26	−14	−9	−8	−1	−40	+17	−3	0	−0.68
27021		05 43 52.67	−21 16 47.2	7.10		H	85.969 468 99	−21.279 769 64		23.15	195.36	13.36	0.53	0.54	0.82	0.71	0.62	−5	+25	−17	−19	−38	+11	−28	−1	+9	−3	0	−0.84
27022		05 43 52.88	+14 41 37.9	9.19		H	85.970 328 46	+14.693 862 97		4.74	−3.50	−6.41	1.30	0.84	1.44	1.40	0.86	+12	+42	−15	−16	−29	+1	−27	−59	+7	+3	2	0.70
27023		05 43 53.24	+21 57 07.0	8.61		H	85.971 834 11	+21.951 948 98		−1.07	1.07	−3.57	1.12	0.76	1.18	1.42	0.95	+24	+23	−21	+19	+29	+1	+28	+25	−3	+41	0	−0.51
27024		05 43 53.39	−03 35 41.6	8.49		H	85.972 447 43	−03.594 884 84		5.15	4.77	−7.16	0.83	0.56	1.04	0.96	0.61	+10	+34	−7	+5	−32	−2	−35	+17	−33	+11	2	2.32
27025		05 43 56.69	+66 37 34.7	6.82		H	85.986 207 80	+66.626 313 74		6.66	55.54	−78.63	0.39	0.47	0.79	0.51	0.54	+2	+14	−2	+16	+22	+8	+18	+9	−8	−3	0	−0.80
27026		05 43 58.25	−03 48 53.9	9.18		H	85.992 694 66	−03.814 981 87		5.85	−12.74	−9.40	1.14	0.73	1.35	1.21	0.76	+28	+37	−4	−25	−39	−10	−43	+0	−36	+28	0	0.98
27027		05 43 58.60	+54 51 53.5	6.95		G	85.994 167 61	+54.864 866 21		4.77	−11.13	−17.55	0.59	0.46	0.77	0.62	0.45	+21	+34	+9	−10	+1	−4	−1	−45	+0	+15	0	−0.24
27028		05 43 59.18	+62 21 28.3	8.15		H	85.996 577 15	+62.357 870 24		6.30	28.55	−68.30	0.63	0.57	0.92	0.75	0.68	−11	+28	−18	−16	+3	−14	+4	−14	+10	−5	0	−0.17
*27029		05 43 59.51	+06 54 54.7	8.12		H	85.997 945 17	+06.915 195 61		5.26	0.68	0.47	0.95	0.63	1.10	0.94	0.70	+1	+46	−8	+7	+8	−7	+2	−23	−11	+7	0	−0.37
*27030		05 43 59.45	+62 30 24.0	9.14		H	85.997 694 83	+62.506 656 23		6.61	−3.63	−41.47	0.78	0.77	1.23	0.99	0.94	−6	+18	−18	−13	+3	−19	+4	−26	+23	−1	0	1.47
27031		05 43 59.85	−36 04 30.5	8.94		H	85.999 380 24	−36.075 136 63		2.01	−12.47	10.24	0.71	0.79	0.94	0.81	0.88	−7	+1	−1	+19	−17	+18	−17	−1	−7	−11	0	−0.06
27032		05 44 00.42	−53 22 38.6	9.11		H	86.001 748 48	−53.377 402 51		0.90	7.73	−55.13	0.79	0.80	0.87	0.90	0.92	−9	−10	−19	+18	−20	+25	−16	−4	−5	−10	0	−1.42
27033		05 44 01.64	+01 26 08.8	10.39		H	86.006 848 06	+01.435 776 66		−0.96	−4.42	−3.45	1.76	1.36	2.01	2.23	1.61	−1	+22	−6	−15	−5	−17	−7	−39	−7	−1	0	−0.37
27034		05 44 02.24	+07 25 41.1	8.89		H	86.009 317 82	+07.428 082 93		0.99	8.07	−2.36	1.20	0.84	1.37	1.42	0.92	+11	+36	−27	−11	−18	−3	−14	−47	+16	+12	0	0.17
27035		05 44 02.53	−06 44 00.1	9.22		G	86.010 553 13	−06.733 354 69		2.05	−2.97	−3.46	1.09	0.79	1.60	1.20	0.80	+25	+31	+9	+0	−21	+12	−26	+25	−27	+24	0	1.36
27036		05 44 03.29	+06 30 56.4	7.41		H	86.013 704 35	+06.515 655 37		3.71	5.35	−13.26	0.85	0.60	1.01	0.86	0.68	+3	+42	+6	−5	+9	−14	+6	−30	−18	+18	0	−0.20
27037		05 44 03.51	−30 36 39.3	8.51		G	86.014 626 75	−30.610 903 52		4.28	−6.89	−6.98	0.63	0.72	0.88	0.73	0.80	−22	+26	−15	+30	−18	+17	−16	+29	−3	−20	0	−0.14
27038		05 44 04.19	−18 17 17.0	7.24		H	86.017 454 14	−18.288 054 28		6.95	0.65	−79.45	0.67	0.61	0.93	0.85	0.77	−14	+17	−17	+36	−23	−2	−15	+8	−5	+19	0	1.12
27039		05 44 04.86	+29 30 05.1	8.29		H	86.020 270 16	+29.501 410 72		1.17	3.01	−7.71	1.30	0.90	1.37	1.77	1.09	+25	+31	−28	+33	+46	−16	+31	+56	−17	+53	0	0.90
27040	H	05 44 05.15	+30 56 01.8	8.11		G	86.021 468 77	+30.933 826 40	A	−0.24	−0.08	−3.00	1.60	0.98	1.58	1.48	0.88	−11	+43	−19	+10	+32	+10	+25	+42	−9	+4	1	−0.21
27041		05 44 06.01	+03 20 08.2	9.80		H	86.025 050 00	+03.335 612 72		2.66	2.99	−4.44	2.13	1.93	1.95	2.31	2.07	+41	+27	−24	−58	−49	+2	−44	−82	+20	+43	0	0.87
27042		05 44 06.22	−35 28 29.4	8.92		H	86.025 913 12	−35.474 840 70		9.56	−43.14	113.33	0.68	0.74	0.92	0.75	0.86	−10	+9	−4	+2	−7	+21	−8	+7	−12	−12	0	−0.47
27043	H	05 44 06.29	−19 34 14.3	7.67		H	86.026 228 89	−19.570 635 20	*	5.56	7.12	−62.35	0.59	0.63	0.91	0.84	0.75	+24	+9	−10	+4	−21	−3	−16	−1	+12	+20	0	0.84
27044		05 44 06.58	−14 30 42.5	7.88		G	86.027 422 65	−14.511 807 02		8.22	3.69	−20.63	0.79	0.63	0.95	0.76	0.65	−6	+8	−4	+22	−36	−11	−39	+22	−8	−13	0	0.62
27045		05 44 07.83	−28 13 37.3	8.06		H	86.032 631 34	−28.227 039 44		0.74	0.68	7.04	0.56	0.69	0.93	0.68	0.88	−9	+10	+2	−26	+12	+9	+8	+6	−18	−3	0	−0.33
27046		05 44 08.46	+61 28 35.5	6.17		H	86.035 251 36	+61.476 533 12		10.26	−11.08	1.07	0.62	0.48	0.73	0.80	0.54	−2	+10	−2	−24	+21	−7	+19	−22	+6	−11	0	−0.87
27047		05 44 09.12	−65 06 07.2	9.48		G	86.037 981 24	−65.102 001 63		2.77	−1.09	19.76	0.93	0.97	0.98	0.91	0.96	+9	+24	−6	−39	+1	−11	+2	−47	+7	+7	1	1.34
27048		05 44 09.16	−41 06 21.9	8.57		G	86.038 147 48	−41.106 093 26		1.29	4.12	9.71	0.67	0.74	0.84	0.80	0.98	−7	+5	−1	+4	−2	+14	−1	−7	−12	−1	0	−0.10
27049		05 44 09.23	+50 48 12.0	8.29		H	86.038 444 72	+50.803 334 88		2.89	−0.50	−14.49	1.06	0.77	1.14	1.37	0.99	+51	+33	+14	+25	+31	−14	+31	+24	+0	+49	0	0.99
27050		05 44 10.30	−86 54 07.9	8.31		H	86.042 933 25	−86.902 198 93		3.98	−7.28	4.41	0.61	0.73	0.69	0.66	0.76	−21	+0	+4	+22	−30	+4	−29	+33	−4	−29	3	0.42
27051		05 44 11.77	+33 06 00.7	7.76		H	86.049 021 30	+33.100 196 89		5.96	−2.62	−24.04	0.97	0.66	1.03	1.27	0.71	+0	+34	−12	+16	+23	−7	+22	+54	−2	−20	4	−0.19
*27052		05 44 12.38	−27 32 42.7	7.79		H	86.051 596 17	−27.545 206 47		3.11	−3.37	4.53	0.48	0.62	0.79	0.61	0.79	−11	−4	−1	−7	+5	+19	+5	+1	−2	−12	0	−0.93
*27053	H	05 44 12.36	+00 57 29.9	8.64		G	86.051 519 51	+00.958 304 05	*	0.81	0.80	−4.68	1.03	0.81	1.25	1.28	0.92	−11	+29	−34	+1	−4	−15	−2	−32	+20	−4	0	0.60
27054		05 44 13.63	−55 41 44.2	7.55		H	86.056 787 39	−55.695 601 88		9.72	−9.33	45.31	0.56	0.59	0.61	0.61	0.74	−7	−6	−12	+18	−2	−3	−2	+2	−7	−2	0	0.65
27055		05 44 15.43	−49 10 24.6	7.96		H	86.064 312 10	−49.173 501 32		1.29	1.42	8.23	0.67	0.73	0.76	0.79	0.92	−20	+19	−4	+6	+3	+8	+2	−16	+1	−28	0	0.22
27056		05 44 16.93	−02 20 36.2	8.83		H	86.070 547 19	−02.343 400 61		3.38	−3.35	−1.52	1.32	0.97	1.46	1.46	1.05	−23	+35	−30	−38	+21	−8	+21	−51	+16	−34	4	−0.30
27057		05 44 17.11	+43 33 22.9	7.64		H	86.071 283 85	+43.556 370 95		3.38	11.52	−19.52	0.91	0.68	1.04	1.10	0.74	+14	+26	−24	+27	+32	+3	+26	+46	−9	+32	0	−1.74
27058		05 44 17.56	−10 00 59.0	7.11		H	86.073 157 07	−10.016 383 15		25.43	66.00	−143.57	0.64	0.48	0.76	0.63	0.47	+10	+21	−12	−3	−36	+5	−33	+26	−18	−3	2	2.11
27059		05 44 18.79	+00 08 40.4	8.89	2	H	86.078 306 80	+00.144 560 04		3.51	−0.29	−0.79	1.42	0.92	1.59	1.53	1.04	−30	+60	−34	−7	+13	−16	+4	−36	+3	−24	0	−0.71
27060		05 44 19.27	+52 41 43.6	8.19		H	86.080 280 51	+52.695 447 80		1.12	−1.97	−2.18	0.83	0.59	1.06	0.97	0.61	+48	+33	+25	+24	+25	−19	+26	−15	−1	+41	0	1.22
27061		05 44 19.51	−06 45 08.7	8.42		H	86.081 300 72	−06.752 415 38		9.47	25.27	6.53	0.87	0.63	1.28	0.89	0.63	+19	+33	+12	+1	−25	+1	−30	+23	−32	+14	0	−0.21
27062		05 44 20.13	−56 54 58.0	7.51		G	86.083 871 32	−56.916 114 83		4.37	−11.68	22.51	0.53	0.57	0.58	0.61	0.70	+1	−9	−31	+9	−18	+5	−19	+0	+10	+12	0	0.30
27063	H	05 44 21.16	+27 43 53.3	7.39		H	86.088 175 23	+27.731 480 79	A	0.52	−0.40	−0.26	1.62	1.04	1.63	1.91	1.27	−4	+29	−40	+16	+14	−6	+5	+25	−15	+32	2	0.31
*27064		05 44 23.46	−46 12 41.0	8.61		H	86.097 739 81	−46.211 379 41		1.89	−5.60	15.07	0.71	0.73	0.80	0.83	0.86	+10	+6	+5	+3	−1	+15	−5	−17	−5	−8	0	−1.14
*27065		05 44 23.80	+00 05 08.2	9.02		H	86.099 162 88	+00.085 609 07		4.63	5.21	3.48	1.58	0.93	1.76	1.57	1.04	−28	+66	−39	+2	+14	−13	+3	−29	+1	−18	5	−2.85
*27066	H	05 44 23.10	+32 10 24.4	11.12	2	H	86.096 235 67	+32.173 439 24	*	1.13	−3.34	2.57	8.65	6.18	3.50	5.05	2.58	+4	−6	+1	+30	+21	−16	+17	+61	−8	−9	0	−0.19
27067		05 44 24.67	+40 24 17.6	8.28		G	86.102 812 16	+40.404 887 57	A	19.06	21.52	−84.80	2.35	1.79	2.02	2.64	1.88	−1	+40	−15	+24	+8	+4	+12	+50	+10	+3	0	0.95
27068		05 44 25.08	+44 25 12.8	9.09		H	86.104 507 10	+44.420 225 40		12.04	37.14	−82.09	1.27	0.88	1.35	1.41	0.88	−4	+30	−21	+22	+34	+2	+25	+38	−9	+25	0	−0.33
27069		05 44 25.45	−05 27 52.9	7.98		H	86.106 048 86	−05.464 700 32		12.93	13.96	−24.47	0.74	0.51	1.01	0.79	0.55	+19	+32	−4	−8	−30	−4	−39	+29	−40	+32	0	1.64
27070		05 44 26.45	+40 24 27.2	10.03		H	86.110 189 89	+40.407 556 05	B	19.06	21.52	−84.80	79.57	43.96	2.02	2.64	1.88	+35	+1	−1	+1	+0	+4	+0	+2	+10	+3	0	0.95
27071	H	05 44 27.73	+27 13 47.7	9.37		G	86.115 525 06	+27.229 921 08	A	−1.39	−2.47	−6.15	2.87	1.88	2.77	3.51	2.32	−3	+33	−9	+18	−3	+9	+4	+12	+14	+14	2	−0.85
27072		05 44 27.97	−22 26 51.0	3.59		G	86.116 562 41	−22.447 486 63		111.49	−292.42	−368.45	0.38	0.43	0.60	0.43	0.44	+2	+23	−9	−13	−27	+4	−20	−5	+6	−12	0	−1.47
27073		05 44 28.10	−00 37 07.1	9.81		H	86.117 094 20	−00.618 651 21		0.69	17.16	0.92	1.84	1.23	2.13	2.08	1.29	−45	+61	−47	−33	+33	−26	+17	−40	+0	−31	0	−2.25
27074	H	05 44 28.15	−02 54 42.5	9.15		H	86.117 280 61	−02.911 800 71	*	2.59	3.14	−21.99	6.27	2.94	2.51	2.86	1.95	−38	+40	−42	−31	+30	−3	+31	−53	+14	−29	3	1.47
27075		05 44 28.41	−20 07 36.0	6.34		H	86.118 358 96	−20.126 663 10		39.15	−18.24	37.05	0.46	0.48	0.74	0.66	0.53	+11	+17	−16	−20	−36	+15	−23	−13	+15	−1	0	0.22
27076		05 44 30.60	+04 20 21.1	7.17		H	86.127 515 77	+04.339 198 61		8.45	−19.41	−8.12	1.20	0.80	1.14	1.57	0.87	+9	−29	−27	−70	−18	+48	−10	−71	+15	+20	0	0.59
27077		05 44 30.93	+30 29 17.7	7.35		G	86.128 866 39	+30.488 247 87		7.73	96.81	7.97	0.92	0.58	1.00	1.02	0.64	+3	+45	−18	+13	+25	+4	+17	+37	−3	+27	0	0.87
27078	H	05 44 31.34	+15 03 48.8	7.12		G	86.130 599 21	+15.063 563 37	A	3.55	0.37	−24.74	2.39	1.67	1.73	1.84	1.17	+37	+21	+3	−51	−39	+9	−47	−75	−9	+27	2	0.07
27079		05 44 31.67	−04 41 44.7	7.34		H	86.131 959 01	−04.695 759 82		3.34	−4.99	−2.31	0.66	0.46	0.84	0.70	0.47	+13	+36	+3	−6	−41	−12	−43	+24	−34	+11	0	−1.15
27080		05 44 32.45	−70 08 47.7	8.09		G	86.135 206 83	−70.146 582 41		39.08	−309.03	1239.15	0.68	0.73	0.75	0.74	0.90	−17	+11	−8	−29	+8	+30	+10	−37	−5	−27	0	0.54
27081		05 44 32.71	−52 36 16.8	8.30		G	86.136 295 24	−52.604 661 35		5.56	−9.67	−21.26	0.57	0.68	0.67	0.60	0.88	+1	+6	−10	−2	−9	+6	−9	−6	+14	+14	1	−0.96
27082	H	05 44 32.92	−07 44 34.6	8.03		H	86.137 152 89	−07.742 936 22	A	4.81	−7.78	−5.13	1.13	0.87	1.40	1.29	0.86	+6	−7	−1	−2	−27	−12	−20	+23	−32	+13	2	0.32
27083		05 44 33.19	−06 51 51.4	6.76		H	86.138 297 09	−06.864 274 77		7.28	16.14	5.69	0.64	0.45	0.89	0.70	0.48	+23	+25	−3	−5	−29	−1	−32	+18	−36	+24	0	1.49
27084		05 44 33.28	−01 36 52.9	9.26		H	86.138 650 41	−01.614 707 28		6.02	23.06	−25.14	1.36	1.05	1.61	1.53	1.13	−16	+39	−35	−32	+6	−3	+9	−49	+20	−29	5	−0.81
27085		05 44 33.85	−41 19 27.0	9.84		H	86.141 049 23	−41.324 159 22		5.97	−9.96	−11.01	0.84	0.88	1.02	0.90	1.12	−3	+4	−3	−1	+4	+12	+4	−5	−12	+3	0	1.97
27086		05 44 35.65	−79 18 27.4	9.07		H	86.148 526 55	−79.307 621 78		2.34	2.51	26.61	0.73	0.69	0.76	0.82	0.91	−5	+15	−8	−9	+1	−5	+2	+2	+0	−17	0	1.36
27087		05 44 36.59	−16 42 42.2	8.26		H	86.152 464 06	−16.711 718 42		5.56	6.95	−8.63	0.76	0.73	1.15	0.85	0.84	−24	+30	−33	+8	−31	−10	−42	+23	−27	+4	0	−0.20
27088	H	05 44 37.74	+29 00 59.8	7.93		G	86.157 267 43	+29.016 605 31	A	−0.53	−2.29	−3.54	1.55	1.20	1.58	2.29	1.59	+21	−5	−35	+17	+23	−2	+23	+25	−14	+68	2	0.29
27089		05 44 39.23	−12 46 36.1	7.91		H	86.163 478 72	−12.776 690 66		4.03	−10.69	−0.21	0.73	0.59	0.95	0.73	0.59	−4	+15	−23	+18	−37	−1	−40	+24	−12	+2	0	−0.82
27090		05 44 39.37	−29 54 58.4	8.27		G	86.164 047 99	−29.916 234 80		13.78	−18.74	−179.22	0.55	0.62	0.79	0.63	0.72	−17	+20	−17	−14	−1	+7	−2	−4	−10	−16	2	−0.08
27091		05 44 41.43	+12 24 55.4	6.95		H	86.172 614 65	+12.415 380 25		5.42	13.55	−26.14	1.17	0.72	1.37	1.09	0.69	+11	+41	−35	−42	−43	+32	−24	−71	+18	+44	0	2.53
27092	H	05 44 41.68	+31 18 20.8	8.34		G	86.173 673 42	+31.305 768 76	A	4.47	−16.12	−7.17	2.75	1.66	2.81	2.90	1.45	−4	+20	−12	+24	+16	−14	+8	+59	−5	−16	1	−0.30
27093	H	05 44 43.46	+03 49 53.1	7.64		G	86.181 075 25	+03.831 426 32	A	6.44	−8.41	−6.36	1.70	1.35	1.47	1.80	1.28	+35	−11	−23	−58	−41	+28	−39	−63	+17	+38	2	0.32
27094		05 44 43.49	+03 11 38.2	8.61		G	86.181 196 06	+03.193 935 27		6.62	−9.97	−4.72	1.34	1.02	1.32	1.40	1.11	+22	+46	−14	−46	−30	−10	−26	−71	+8	+27	0	0.37
27095		05 44 43.82	+44 50 22.1	8.95		H	86.182 567 33	+44.839 459 63		5.16	−1.01	−16.23	1.15	0.82	1.28	1.27	0.84	−6	+38	−29	+32	+20	+3	+16	+40	−4	+28	0	0.80
27096		05 44 44.56	+14 34 33.7	8.23		H	86.185 650 20	+14.576 018 44		3.73	0.42	−23.41	1.09	0.70	1.20	1.16	0.73	+8	+44	−17	−13	−29	+8	−24	−56	+5	+8	0	−0.70
27097		05 44 44.90	−17 25 08.8	9.14		H	86.187 087 74	−17.419 120 49		2.08	−9.47	−0.65	0.90	0.96	1.26	1.23	1.15	+0	+13	−18	+22	−36	+9	−25	−7	+8	+26	0	−0.33
27098		05 44 45.80	+21 56 37.4	9.03		H	86.190 821 75	+21.943 731 80		1.76	−1.83	−3.86	1.27	0.84	1.36	1.56	1.07	+24	+29	−14	+4	+12	+6	+9	+8	−5	+44	0	−0.81
27099		05 44 45.84	−72 39 44.2	8.27		H	86.190 984 07	−72.662 275 88		13.77	44.36	−96.83	0.66	0.63	0.74	0.69	0.87	+1	+11	−4	−11	−18	+14	−24	−35	−20	−3	0	−1.45
27100		05 44 46.42	−65 44 07.9	4.34		G	86.193 412 79	−65.735 540 80		22.48	−28.38	6.12	0.42	0.44	0.46	0.35	0.47	−6	+24	−14	−33	+4	−9	+4	−19	+4	−2	2	0.39

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
27001	6.726	0.004	6.414	0.004		0.295	0.005	G	0.34	0.01	H	6.4568	0.0008	0.007	105		6.45	6.47					1							S
27002	9.014	0.013	8.537	0.012		0.474	0.008	G	0.55	0.01	H	8.5868	0.0017	0.017	125		8.56	8.62					1							
27003	9.879	0.019	8.094	0.009		1.487	0.017	T	1.51	0.03	L	8.0413	0.0013	0.016	216		8.01	8.07					1							
27004	8.276	0.012	7.924	0.012		0.326	0.007	G	0.38	0.01	H	7.9761	0.0017	0.012	66		7.96	8.00		C			1							S
27005	9.380	0.017	8.229	0.011		0.989	0.016	T	0.97	0.01	L	8.2848	0.0019	0.014	107		8.26	8.32					1							
27006	9.195	0.014	8.032	0.009		1.006	0.020	G	0.99	0.02	A	8.0948	0.0013	0.011	101		8.07	8.12		C			1							
27007	9.063	0.015	8.826	0.016		0.260	0.036	G	0.29	0.04	H	8.8639	0.0025	0.018	66		8.84	8.90		C			1							
27008						1.213	0.006	G	1.36	0.01	I *	12.0147	0.0077	0.082	104	*	11.90	12.16			05438−0615	H 1	2 C D	AB	159	0.335	0.012	0.42	0.09	G X
27009	10.292	0.041	9.048	0.024		1.061	0.037	T	1.03	0.03	L	9.0837	0.0022	0.018	76		9.05	9.11		C			1							
27010	9.645	0.019	9.266	0.020		0.350	0.020	G	0.41	0.03	H	9.3041	0.0022	0.016	93		9.28	9.35		C			1 S							
27011	7.953	0.007	6.795	0.004		0.994	0.006	T	0.97	0.01	L	6.8503	0.0008	0.008	149		6.83	6.87					1							S
27012	9.516	0.023	9.370	0.028		0.196	0.015	G	0.21	0.02	H	9.4262	0.0038	0.021	58		9.41	9.58		U 2			1							G
27013	9.234	0.016	8.923	0.017	*	0.295	0.022	T	0.34	0.03	L *	8.9492	0.0034	0.016	71	*	8.92	8.97		D	05438+0103	I 1	2 C A	AS	103	0.279	0.010	0.75	0.17	
27014	8.200	0.007	7.436	0.006		0.681	0.007	T	0.74	0.01	L	7.4999	0.0012	0.012	146		7.48	7.52					1							S
27015	6.707	0.004	6.686	0.005		0.020	0.006	T	0.04	0.01	L	6.7064	0.0006	0.009	126		6.69	6.72					1							S
27016	7.975	0.010	7.944	0.014		0.131	0.015	G	0.15	0.01	H	7.9613	0.0019	0.014	57		7.94	7.98		C			1							
27017	8.984	0.019	9.011	0.025		0.119	0.015	G	0.13	0.01	H	8.9916	0.0018	0.015	61		8.97	9.01		C			1							
27018	8.971	0.012	8.636	0.013		0.358	0.015	G	0.42	0.02	H	8.6868	0.0016	0.019	114		8.66	8.72		C			1							
27019	8.949	0.016	7.399	0.009		1.301	0.014	T	1.26	0.01	L	7.4124	0.0013	0.008	62		7.40	7.43		C			1							S
27020	8.826	0.012	7.545	0.008		1.090	0.011	T	1.05	0.01	L	7.5910	0.0013	0.010	102		7.57	7.61		C			1							S
27021	7.734	0.006	7.171	0.005		0.531	0.006	T	0.60	0.01	L	7.2189	0.0008	0.009	158		7.21	7.24		C			1							S
27022	9.308	0.016	9.167	0.019		0.136	0.023	T	0.15	0.02	L	9.2451	0.0019	0.017	86		9.21	9.27		C			1							
27023	8.815	0.018	8.667	0.022		0.294	0.015	G	0.34	0.02	H	8.6834	0.0018	0.013	55		8.67	8.72		C			1							
27024	8.790	0.012	8.503	0.013		0.273	0.017	T	0.31	0.02	L	8.5640	0.0014	0.013	100		8.54	8.59		C			1							
27025	8.386	0.007	6.944	0.004		1.216	0.006	T	1.18	0.01	L	6.9859	0.0007	0.009	206		6.97	7.00					1							
27026	9.610	0.020	9.192	0.020		0.395	0.026	T	0.46	0.03	L	9.2740	0.0020	0.022	110		9.24	9.31					1							
27027	6.881	0.004	6.937	0.005		−0.049	0.004	G	−0.03	0.00	H	6.9444	0.0007	0.008	145		6.93	6.96		C			1							S
27028	8.699	0.009	8.204	0.009		0.466	0.012	T	0.54	0.01	L	8.2482	0.0015	0.012	137		8.23	8.27		C			1							S
27029	8.043	0.010	8.091	0.012		−0.039	0.014	T	−0.02	0.01	L	8.1157	0.0021	0.015	82		8.10	8.15					1							
27030	9.585	0.016	9.190	0.016		0.374	0.021	T	0.44	0.02	L	9.2303	0.0017	0.022	137		9.19	9.26					1							
27031	10.319	0.025	9.044	0.015		1.086	0.023	T	1.05	0.02	L	9.1099	0.0016	0.018	135		9.08	9.15					1							
27032	10.511	0.035	9.280	0.021		1.051	0.032	T	1.02	0.03	L	9.2780	0.0021	0.018	99		9.24	9.31		C			1							
27033	10.667	0.057	10.356	0.070		0.295	0.085	T	0.34	0.12	L	10.4671	0.0048	0.032	71		10.41	10.52		C			1 S							G
27034	10.689	0.053	9.044	0.023		1.376	0.046	T	1.35	0.06	L	9.0371	0.0021	0.016	74		9.01	9.06		C			1							
27035	9.297	0.015	9.183	0.019		0.054	0.006	G	0.07	0.01	H	9.2384	0.0027	0.020	100		9.21	9.27		C			1							
27036	8.765	0.014	7.523	0.009		1.060	0.013	T	1.03	0.01	L	7.5828	0.0012	0.009	84		7.57	7.60		D			1							S
27037	8.857	0.010	8.522	0.010		0.328	0.015	G	0.38	0.02	H	8.5797	0.0020	0.018	137		8.55	8.62					1							
27038	8.662	0.011	7.368	0.007		1.100	0.010	T	1.06	0.01	L	7.4096	0.0012	0.012	99		7.39	7.44					1							S
27039	8.366	0.014	8.282	0.017		0.083	0.021	T	0.10	0.02	L	8.3242	0.0027	0.012	55		8.31	8.34					1							
27040	8.403	0.034	8.133	0.037	*	0.268	0.010	G	0.30	0.01	H *	8.1790	0.0016	0.011	74	*	8.16	8.20		D	05441+3056	I 1	2 C A	AB	185	3.228	0.003	1.48	0.02	
27041	10.119	0.035	9.803	0.038		0.300	0.048	T	0.34	0.07	L	9.8783	0.0031	0.024	64		9.83	9.91		C			1							G
27042	9.522	0.017	8.986	0.016		0.510	0.017	T	0.58	0.02	L	9.0294	0.0023	0.021	122		9.00	9.06					1							
27043	8.190	0.007	7.736	0.007	*	0.442	0.008	T	0.51	0.01	L *	7.7703	0.0015	0.015	143	*	7.75	7.80		D	05441−1934	H 1	2 C S A	AB	194	0.160	0.007	0.70	0.30	S
27044	8.466	0.011	7.926	0.009		0.511	0.015	G	0.58	0.02	H	7.9951	0.0016	0.017	100		7.97	8.03		C			1							S
27045	9.876	0.020	8.215	0.009		1.389	0.017	T	1.36	0.02	L	8.2042	0.0014	0.015	146		8.18	8.23		C			1							S
27046	7.298	0.006	6.261	0.004		0.902	0.005	T	0.90	0.00	L	6.3265	0.0009	0.007	100		6.32	6.34					1							S
27047	10.376	0.035	9.646	0.029		0.717	0.000	G	0.77	0.00	H	9.6169	0.0018	0.018	88		9.58	9.66					1							
27048	10.419	0.032	8.726	0.014		1.387	0.004	G	1.23	0.02	A	8.7576	0.0015	0.016	107		8.72	8.79		C			1							
27049	9.929	0.026	8.461	0.015		1.237	0.024	T	1.20	0.02	L	8.4555	0.0014	0.011	80		8.44	8.48		C			1							
27050	9.651	0.018	8.434	0.012		1.040	0.017	T	1.01	0.01	L	8.4816	0.0013	0.016	130		8.45	8.51					1							
27051	8.000	0.008	7.783	0.010		0.207	0.012	T	0.23	0.01	L	7.8298	0.0012	0.010	87		7.81	7.85		C			1							S
27052	8.037	0.007	7.807	0.008		0.219	0.010	T	0.24	0.01	L	7.8539	0.0015	0.017	147		7.83	7.88					1							S
27053	8.921	0.015	8.660	0.017	*	0.290	0.015	G	0.33	0.02	H *	8.7178	0.0015	0.013	71	*	8.69	8.75		D	05442+0058	I 1	2 C S C	AB	4	0.114	0.014	0.18	1.32	
27054	8.183	0.009	7.615	0.009		0.571	0.001	G	0.64	0.00	H	7.6683	0.0010	0.008	90		7.65	7.68		D			1							S
27055	9.523	0.017	8.079	0.010		1.218	0.015	T	1.18	0.01	L	8.1204	0.0022	0.017	106		8.09	8.15					1							S
27056	9.137	0.019	8.871	0.021		0.253	0.027	T	0.28	0.03	L	8.9060	0.0033	0.021	72		8.86	8.94					1							
27057	8.973	0.016	7.756	0.010		1.040	0.015	T	1.01	0.01	L	7.8049	0.0012	0.009	72		7.79	7.83		C			1							
27058	7.865	0.007	7.193	0.006		0.637	0.007	G	0.70	0.01	H	7.2437	0.0009	0.009	127		7.23	7.26					1							S
27059	9.348	0.022	8.945	0.022		0.381	0.029	T	0.45	0.03	L	8.9766	0.0112	0.054	62		8.91	9.05		U 2			1 S							
27060	8.285	0.008	8.194	0.009		0.090	0.015	G	0.10	0.02	H	8.2272	0.0009	0.009	140		8.21	8.24		C			1							
27061	8.981	0.013	8.470	0.013		0.480	0.017	T	0.55	0.02	L	8.5274	0.0020	0.018	103		8.50	8.56					1							
27062	7.595	0.007	7.525	0.009		0.044	0.013	G	0.06	0.01	H	7.5321	0.0009	0.009	98		7.51	7.55					1							S
27063	7.443	0.010	7.369	0.012	*	0.073	0.015	T	0.08	0.02	L *	7.4162	0.0030	0.021	57	*	7.39	7.45		R	05444+2744	I 1	2 C A	AB	254	8.571	0.023	2.76	0.06	S
27064	10.429	0.032	8.761	0.015		1.394	0.028	T	1.37	0.03	L	8.7552	0.0019	0.016	105		8.73	8.79		C			1							
27065	9.380	0.022	9.033	0.024		0.329	0.030	T	0.38	0.04	L	9.0963	0.0018	0.012	59		9.06	9.12		D			1							
27066						0.800	0.200	G	0.83	0.14	R *	11.2745	0.0100	0.071	90	*	11.13	11.34		U	05444+3210	H 1	2 C B	AB	7	0.262	0.035	1.55	0.31	G
27067	8.955	0.029	8.331	0.026	A	0.609	0.015	G	0.68	0.01	H	8.4369	0.0628	0.036	66	A	8.36	8.47		D	05444+4024	I 2	1 C P D							D
27068	9.782	0.032	9.176	0.030		0.565	0.038	T	0.64	0.04	L	9.2124	0.0020	0.018	75		9.18	9.24		C			1							
27069	8.442	0.009	8.007	0.009		0.411	0.012	T	0.48	0.01	L	8.0700	0.0009	0.010	125		8.05	8.09		C			1							S
27070	11.097	0.108	9.941	0.067	B	0.993	0.099	T	0.97	0.08	L	9.6906	0.1606			B				D	05444+4024	I 2	1 C F D							D
27071	9.476	0.023	9.377	0.029	A	0.207	0.066	G	0.14	0.06	L *	9.3854	0.0030	0.017	58	*	9.35	9.42		D	05445+2714	I 1	2 C B	AB	122	3.875	0.069	3.13	0.22	G
27072	4.180	0.003	3.650	0.002		0.481	0.011	G	0.57	0.02	A	3.6977	0.0004	0.004	160		3.69	3.71			05445−2226	I 1	1							S
27073	10.182	0.034	9.922	0.041		0.248	0.050	T	0.28	0.06	L	9.8831	0.0028	0.020	62		9.86	9.93		C			1							G
27074	9.697	0.026	9.264	0.027	*	0.409	0.034	T	0.48	0.04	L *	9.2422	0.0038	0.021	64	*	9.21	9.28		D	05445−0255	H 1	2 C A	AB	200	0.192	0.025	1.37	0.46	
27075	7.036	0.004	6.407	0.003		0.580	0.004	T	0.65	0.00	L	6.4653	0.0006	0.006	169		6.46	6.48					1							S
27076	7.387	0.007	7.185	0.008		0.193	0.010	T	0.21	0.01	L	7.2295	0.0012	0.010	73		7.21	7.24		C			1							S
27077	8.476	0.012	7.468	0.008		0.870	0.015	G	0.88	0.01	H	7.5148	0.0010	0.007	64		7.50	7.53					1							S
27078	8.043	0.008	7.192	0.008	*	0.792	0.006	G	0.82	0.00	H *	7.2373	0.0010	0.007	90	*	7.22	7.25		D	05445+1504	I 1	2 C A	AB	120	0.450	0.005	0.68	0.02	S
27079	7.454	0.005	7.352	0.006		0.099	0.007	T	0.11	0.01	L	7.3765	0.0010	0.009	131		7.36	7.39					1							S
27080						0.760	0.007	G	0.84	0.02	A	8.2090	0.0013	0.011	102		8.19	8.23		C			1							
27081	8.569	0.012	8.330	0.012		0.248	0.015	G	0.28	0.02	H	8.3638	0.0017	0.015	102		8.34	8.39		C			1							S
27082	8.073	0.012	7.942	0.018	*	0.126	0.021	T	0.14	0.02	L *	8.0818	0.0016	0.010	88	*	8.06	8.11		D	05445−0745	I 1	2 C A	AB	188	2.143	0.009	2.56	0.04	S
27083	6.996	0.006	6.788	0.006		0.199	0.008	T	0.22	0.01	L	6.8272	0.0012	0.010	102		6.82	6.86					1							S
27084	9.863	0.027	9.287	0.025		0.538	0.033	T	0.61	0.04	L	9.3782	0.0022	0.017	76		9.34	9.41					1							
27085	10.709	0.039	9.923	0.030		0.698	0.037	T	0.75	0.03	L	9.9815	0.0024	0.023	115		9.94	10.02		C			1							
27086	10.915	0.064	9.240	0.026		1.400	0.055	T	1.38	0.07	L	9.2168	0.0017	0.017	115		9.18	9.25					1							
27087	8.608	0.009	8.286	0.009		0.309	0.014	T	0.35	0.02	L	8.3388	0.0017	0.018	114		8.30	8.37					1							S
27088	8.019	0.016	7.881	0.020	*	0.192	0.008	G	0.21	0.01	H *	7.9318	0.0020	0.013	49	*	7.91	7.96		D	05446+2901	I 1	2 C A	AB	1	8.533	0.010	2.42	0.06	S
27089	7.932	0.009	7.896	0.010		0.033	0.012	T	0.05	0.01	L	7.9266	0.0011	0.012	106		7.91	7.95		C			1							S
27090	9.091	0.014	8.327	0.011		0.672	0.003	G	0.73	0.00	H	8.3991	0.0018	0.014	133		8.37	8.43		C			1							S
27091	8.139	0.010	7.054	0.006		0.938	0.009	T	0.93	0.01	L	7.1113	0.0010	0.008	84		7.10	7.12		C			1							S
27092	9.027	0.018	8.496	0.017	*	0.498	0.022	T	0.57	0.02	L *	8.4699	0.0015	0.011	71	*	8.45	8.49		D	05447+3118	I 1	2 C A	AB	95	0.879	0.004	0.55	0.02	
27093	7.623	0.008	7.614	0.009	A	0.002	0.002	G	0.02	0.00	H *	7.5461	0.0012	0.012	76	*	7.53	7.58		D	05447+0350	I 1	2 C A	AB	89	7.464	0.013	2.39	0.04	S
27094	8.886	0.015	8.604	0.017		0.193	0.015	G	0.21	0.02	H	8.6824	0.0012	0.015	71		8.66	8.70		D			1							
27095	9.501	0.020	9.000	0.019		0.482	0.021	T	0.55	0.02	L	9.0612	0.0024	0.019	77		9.03	9.10					1							
27096	9.577	0.017	8.332	0.010		1.062	0.015	T	1.03	0.01	L	8.3968	0.0012	0.012	107		8.37	8.42		C			1							
27097	10.350	0.028	9.240	0.018		0.950	0.020	G	0.94	0.01	H	9.3070	0.0022	0.025	109		9.27	9.36		C			1							
27098	9.732	0.029	9.103	0.026		0.585	0.034	T	0.66	0.03	L	9.1574	0.0020	0.013	58		9.12	9.18		C			1							
27099	8.792	0.012	8.318	0.012		0.459	0.013	T	0.53	0.01	L	8.3755	0.0013	0.013	94		8.36	8.40		C			1							S
27100	4.610	0.002	4.367	0.002		0.217	0.009	G	0.27	0.02	A	4.3927	0.0005	0.005	112		4.39	4.40		C			1							S

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ 13	Standard Errors α* mas 14	δ 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
27101		05 44 48.60	−00 03 43.0	8.73		H	86.202 486 74	−00.061 949 39		1.62	−1.24	2.02	1.26	0.84	1.50	1.33	0.94	−22	+58	−37	−9	+22	−22	+10	−29	+2	−11	0	−0.03
27102		05 44 50.33	−22 30 21.8	8.31	1	H	86.209 725 16	−22.506 054 24		1.56	−4.23	7.34	0.58	0.74	1.02	0.69	0.83	+11	+8	−17	−11	−28	+5	−25	−7	+10	+1	0	−0.13
*27103		05 44 50.67	−21 39 33.2	6.79		G	86.211 129 58	−21.659 224 73		1.48	−0.17	−1.96	0.51	0.51	0.74	0.68	0.59	+11	+19	−17	−37	−31	+10	−22	−4	+0	+1	0	0.49
*27104		05 44 50.66	+57 14 36.5	7.72		H	86.211 085 62	+57.243 464 14		3.59	8.28	−6.73	0.70	0.57	0.90	0.79	0.57	+9	+20	+7	−12	−2	+2	−8	−50	−4	−6	0	1.04
27105	H	05 44 51.70	+37 34 34.9	8.58		G	86.215 414 26	+37.576 365 52	A	7.78	−4.75	−54.69	2.55	1.81	2.42	2.62	1.70	−27	+17	−5	+4	+29	+2	+7	+46	+4	+19	2	−0.20
27106		05 44 53.24	+16 05 10.0	6.99		H	86.221 853 18	+16.086 113 20		6.29	1.19	−10.37	0.87	0.55	0.96	0.98	0.59	−18	+35	−11	−25	+21	−3	+15	−43	−8	−20	0	0.20
27107		05 44 54.47	+00 33 49.7	8.67		H	86.226 969 59	+00.563 810 57		2.18	−2.85	−4.65	1.06	0.81	1.20	1.27	0.95	+13	+31	−11	+1	−10	−11	−13	−34	+5	+6	0	−0.45
27108	H	05 44 55.35	+55 42 55.3	8.87		G	86.230 618 89	+55.715 349 56	A	−0.11	−2.72	−2.44	1.93	1.64	2.36	1.85	1.27	−11	+25	+33	−17	+5	−13	+5	−46	−15	−11	0	1.50
27109		05 44 55.45	+67 58 45.2	7.96		G	86.231 053 86	+67.979 220 52		8.68	0.37	−65.78	0.51	0.58	0.91	0.72	0.66	+5	+11	+3	+36	+24	+4	+20	+7	+8	+3	0	−1.33
27110	H	05 44 55.56	+26 20 32.7	7.34		H	86.231 497 05	+26.342 420 03	*	3.07	−3.74	−8.85	1.47	0.86	1.16	1.47	1.02	+20	+30	−16	+14	+2	+32	+11	+11	+9	+30	1	0.54
27111	H	05 44 56.77	+09 14 37.6	11.35		G	86.236 525 11	+09.243 791 11	A	44.67	38.91	−703.76	17.84	11.46	14.98	17.60	10.43	+53	+29	−22	−48	−67	+14	−58	−78	+14	+65	29	4.19
27112		05 44 56.88	+38 29 55.3	7.53		H	86.237 010 41	+38.498 687 36		6.73	4.72	−33.54	0.85	0.59	0.94	0.97	0.64	−15	+33	+0	−1	+18	+0	+15	+24	+2	−10	0	0.63
27113		05 45 00.21	−35 47 53.1	9.38		H	86.250 872 37	−35.798 096 34		12.08	40.29	−9.74	0.78	0.79	1.00	0.89	0.89	+1	+13	−4	+2	−14	+17	−14	+6	−11	−4	0	1.96
27114		05 45 00.36	−02 35 27.4	10.76		G	86.251 512 20	−02.590 954 47		22.07	5.14	−371.00	2.25	1.70	2.48	2.49	1.87	−37	+41	−33	−28	+24	−6	+26	−46	+15	−30	0	0.34
27115		05 45 00.51	+06 21 01.5	7.17		H	86.252 116 12	+06.350 428 21		2.84	−7.32	−6.58	0.81	0.51	0.92	0.78	0.57	+1	+47	−6	−7	−3	−12	−4	−22	−6	+18	0	1.08
27116		05 45 01.30	+12 53 18.1	6.47		H	86.255 417 60	+12.888 364 58		9.38	−19.76	−13.51	0.95	0.58	1.03	1.04	0.61	−2	+36	−9	−35	−3	+16	−4	−61	−2	−15	0	0.65
27117		05 45 01.32	−02 30 06.1	9.16		G	86.255 485 34	−02.501 700 32		5.83	−5.51	−4.59	1.27	0.99	1.42	1.50	1.12	−26	+36	−29	−34	+30	−9	+28	−43	+8	−23	2	1.98
27118		05 45 01.80	+04 00 29.5	6.09		G	86.257 493 24	+04.008 193 99		19.79	−11.00	−34.02	1.54	0.88	1.01	2.17	1.13	+14	−6	−14	−86	−15	+20	−16	−80	+4	+18	0	1.94
27119		05 45 03.16	+13 34 34.9	8.26	3	T	86.263 168 20	+13.576 367 69		3.15	0.93	−3.22	1.00	0.66	1.17	1.20	0.73	−8	+41	−26	−18	−6	+1	−3	−61	+22	−22	0	0.81
27120		05 45 03.61	+21 28 40.2	9.40		H	86.265 031 81	+21.477 831 65		1.21	8.14	−6.13	1.58	1.05	1.66	2.09	1.39	+22	+29	−6	+3	+27	−6	+20	+15	−9	+41	0	−0.09
27121		05 45 04.83	−41 46 54.9	7.22	1	H	86.270 119 51	−41.781 914 28		6.86	1.80	14.04	0.49	0.51	0.61	0.52	0.60	−4	+8	+6	+6	+1	+21	−2	+1	−21	−3	0	−1.02
27122		05 45 06.40	−40 11 56.2	7.20		H	86.276 657 88	−40.198 939 69		1.97	−1.45	−0.93	0.48	0.52	0.61	0.53	0.63	−5	+10	−2	+0	−1	+5	−3	−2	−20	−7	0	−0.42
27123		05 45 06.72	+33 37 35.3	6.78		G	86.278 013 62	+33.626 463 73		18.64	−2.00	−78.05	0.87	0.58	0.96	0.99	0.59	−15	+40	−25	+32	+10	+5	+1	+61	−20	−14	2	0.32
27124		05 45 06.81	+73 16 59.4	8.86		H	86.278 391 52	+73.283 165 31		3.83	6.35	−42.61	0.58	0.77	0.99	0.66	0.86	+6	+14	−5	+6	+8	+8	+10	−13	+6	+12	0	−1.03
27125		05 45 07.86	+12 10 24.1	8.87		H	86.282 762 81	+12.173 366 51		3.73	1.66	−3.33	2.05	1.10	2.27	1.50	1.00	−17	+64	−43	−42	−32	+12	−7	−75	+21	+32	0	−0.92
27126		05 45 08.32	+50 43 30.1	8.53		H	86.284 655 70	+50.725 035 56		5.05	−3.72	−54.79	1.04	0.69	1.18	1.29	0.76	+50	+38	+22	+14	+28	−10	+29	+1	+12	+46	0	−0.70
27127		05 45 09.09	−22 15 45.9	9.32		H	86.287 859 76	−22.262 762 16		10.53	38.47	15.91	0.91	0.99	1.36	0.96	1.10	−7	+12	−23	−23	−17	−8	−17	+3	+16	−10	0	0.01
27128		05 45 09.72	−26 59 33.0	8.20		H	86.290 493 34	−26.992 490 18		15.93	−82.47	289.14	0.54	0.71	0.91	0.67	0.86	+5	+7	−11	−13	−11	+10	−10	−9	+4	+3	1	0.16
27129		05 45 11.52	+18 42 15.7	6.67		H	86.298 013 19	+18.704 368 91		0.36	−2.22	−3.18	0.96	0.70	1.01	1.35	1.04	+32	+33	−25	−20	−30	+12	−18	−36	+16	+70	0	1.06
27130		05 45 11.57	+76 58 02.0	8.27		H	86.298 207 12	+76.967 220 17		4.12	1.67	−17.27	0.56	0.71	0.86	0.60	0.79	+0	+3	−1	+4	+3	+9	+4	+23	+2	+0	0	0.92
27131	H	05 45 11.74	−50 56 59.4	8.80		H	86.298 901 18	−50.949 821 79	*	2.42	−7.79	18.21	0.69	0.80	0.79	0.80	0.98	−9	+0	−10	−13	+3	−10	+2	−16	+1	−14	1	1.82
27132		05 45 11.93	+54 46 04.8	8.55		H	86.299 720 81	+54.767 990 36		1.65	−1.63	0.36	0.90	0.68	1.11	1.14	0.74	+28	+15	+11	+4	+9	−1	+11	−24	+2	+41	0	−0.19
27133		05 45 13.10	−31 40 09.5	6.83		G	86.304 569 34	−31.669 318 36		14.20	−15.79	1.03	0.44	0.50	0.62	0.47	0.63	−1	+24	−10	+4	+0	+4	−4	+27	−15	+2	1	0.11
27134		05 45 13.43	−59 55 26.7	9.28	2	H	86.305 940 15	−59.924 078 67		20.19	−21.50	120.82	0.73	0.85	0.81	0.85	1.02	−15	+5	−2	−10	+3	−6	+3	−8	+11	−30	3	1.27
27135	H	05 45 13.72	+24 25 12.5	8.22	2	H	86.307 183 52	+24.420 141 41	*	1.12	3.46	−5.97	1.16	0.76	1.32	1.50	1.01	+4	+38	−28	+8	+12	+11	+11	+12	−4	+45	0	0.67
27136	H	05 45 14.14	−09 58 26.6	9.03		H	86.308 931 24	−09.974 049 05	A	1.64	0.21	−9.45	1.30	0.98	1.35	1.20	0.90	+40	+10	−17	−41	−45	+4	−43	−19	−13	+37	2	0.60
27137		05 45 14.43	−32 36 52.1	8.30		H	86.310 137 31	−32.614 482 93		5.21	2.57	2.90	0.55	0.67	0.81	0.55	0.73	−3	+22	−5	−6	−3	+17	−3	+15	−5	−6	0	0.89
27138		05 45 15.05	−05 06 41.3	10.27		H	86.312 714 63	−05.111 472 63		5.35	−2.15	−2.15	1.33	0.96	1.72	1.44	1.02	+27	+32	+10	−10	−31	−11	−34	+9	−30	+24	6	−3.25
27139	H	05 45 15.10	−55 43 28.9	8.20		H	86.312 934 22	−55.724 699 58	A	11.21	−20.20	−25.74	0.90	1.00	0.91	0.95	1.25	−5	+3	+5	+10	−3	+5	−4	−2	−15	−1	3	−0.60
27140		05 45 15.49	−50 12 33.1	8.50		H	86.314 528 92	−50.209 193 45		10.25	80.14	−68.57	0.69	0.70	0.75	0.85	0.90	−8	+10	−13	−9	−5	+0	−6	−8	−6	−30	1	−0.65
27141		05 45 16.41	−22 27 21.8	9.88		H	86.318 386 35	−22.456 066 71		0.54	5.65	4.00	2.13	2.30	3.15	2.37	2.58	+5	+12	−14	−27	−22	+2	−21	−20	+0	−1	0	
27142		05 45 16.61	−68 59 52.0	10.28	2	G	86.319 223 76	−68.997 771 84		−0.17	2.60	2.01	1.07	1.09	1.09	1.53	1.36	−23	+3	−13	−20	+15	−3	+10	−39	+3	−51	1	0.93
27143		05 45 16.85	−23 37 48.8	8.40		H	86.320 207 85	−23.630 220 44		4.93	15.12	−26.28	0.44	0.69	1.05	0.54	0.82	−7	+11	−5	+12	−12	+7	−13	−3	+7	−20	2	1.73
27144	H	05 45 16.96	+35 41 41.8	8.30	2	G	86.320 649 29	+35.694 957 83	*	3.39	0.99	−14.89	1.18	0.85	1.34	1.42	0.89	+8	+32	−18	+26	+26	+8	+17	+57	−14	+19	2	0.25
27145		05 45 16.96	−51 44 58.6	9.33		H	86.320 656 83	−51.749 600 02		2.55	−6.61	2.36	0.91	0.93	1.00	1.04	1.26	−1	−12	−11	+28	−3	−9	+1	+5	−21	+12	0	1.45
27146		05 45 17.13	+13 42 30.5	8.78		G	86.321 369 85	+13.708 466 47		2.28	3.07	−2.60	1.11	0.74	1.31	1.36	0.82	−16	+37	−33	−8	−9	−4	−7	−58	+27	−30	2	−0.62
27147		05 45 18.08	−38 41 21.5	8.95		H	86.325 315 14	−38.689 301 37		2.17	16.49	16.24	0.73	0.77	0.94	0.79	0.80	+6	+12	+1	−3	−13	+31	−15	−1	−14	−2	0	−1.56
27148	H	05 45 19.30	−29 54 39.2	9.18		H	86.330 400 76	−29.910 891 72	A	5.13	−0.01	−3.10	1.17	1.47	1.59	1.21	1.59	−10	+23	−20	−24	−1	+9	−3	−22	+2	−7	0	0.52
27149		05 45 20.63	−23 50 08.9	7.83		H	86.335 946 26	−23.835 796 88		4.49	−12.02	6.50	0.38	0.59	0.87	0.45	0.68	−6	+8	−7	+3	−11	+5	−11	−8	+11	−19	2	1.22
27150		05 45 21.32	+23 23 35.8	9.14		H	86.338 839 60	+23.393 285 56		1.65	−10.61	−5.81	1.48	0.91	1.61	1.90	1.16	+0	+39	−15	+7	+27	+14	+24	+9	−4	+18	0	0.93
27151		05 45 21.37	+04 50 56.1	8.33		H	86.339 027 93	+04.848 913 90		3.77	3.06	−6.47	1.14	1.06	1.51	1.52	1.09	−12	+13	−58	−33	−21	+24	+2	−68	+44	+16	0	0.79
27152		05 45 22.22	−20 05 24.4	8.13		H	86.342 572 68	−20.090 120 77		4.07	−1.08	−15.50	0.61	0.67	1.09	0.96	0.79	+10	+5	−6	−32	−39	+9	−25	−11	+23	−5	1	2.44
27153	H	05 45 22.59	+12 47 21.7	7.46		G	86.344 122 03	+12.789 350 71	A	5.89	4.02	−10.17	2.76	1.94	2.12	2.70	1.52	−14	+17	−21	−37	−15	+26	−9	−54	+14	−22	2	−0.56
27154		05 45 23.08	+38 58 26.2	9.62		H	86.346 172 17	+38.973 941 10		4.76	4.10	−25.10	1.45	1.05	1.55	1.90	1.22	+5	+28	+2	+26	+9	−4	+12	+47	+7	−7	0	0.56
27155		05 45 23.58	+35 37 04.7	9.53		H	86.348 231 48	+35.617 981 33		17.85	−21.74	−189.55	1.75	1.30	2.13	1.92	1.23	−29	+47	−47	+14	+27	+4	+2	+62	−32	+7	0	−1.49
27156		05 45 24.24	−39 18 45.3	7.23	1	H	86.350 991 71	−39.312 587 26		6.36	6.84	35.51	0.45	0.48	0.56	0.51	0.53	+1	+12	+3	+4	+1	+9	−1	+0	−8	−9	0	−0.24
27157		05 45 25.45	+06 17 52.3	7.18		H	86.356 062 24	+06.297 873 08		2.51	14.27	1.68	0.81	0.50	0.91	0.77	0.56	+11	+54	−2	−14	−6	−16	−11	−29	−11	+21	0	0.72
27158		05 45 25.61	−12 26 03.8	8.31		H	86.356 703 15	−12.434 391 49		14.01	1.44	−120.96	0.81	0.68	1.03	0.83	0.67	+14	+1	−23	+0	−41	−4	−41	+20	−12	+8	0	−1.55
27159		05 45 25.85	+24 04 45.3	10.07		H	86.357 687 66	+24.079 254 19		3.45	−3.86	−0.36	1.67	1.06	1.89	2.38	1.45	−7	+36	−23	+0	+14	+19	+14	+6	−2	+15	0	0.61
27160		05 45 28.34	−60 43 18.9	8.43		G	86.368 064 37	−60.721 921 49		2.17	−5.37	16.73	0.64	0.62	0.66	0.67	0.70	−11	+13	−5	+7	−14	−7	−13	+4	+13	−30	0	0.03
*27161		05 45 28.72	−01 36 53.9	8.20		H	86.369 652 10	−01.614 967 44		15.25	134.01	−58.98	1.11	0.82	1.27	1.16	0.89	−25	+46	−33	−32	+11	−5	+14	−48	+18	−34	0	1.16
*27162	H	05 45 28.69	+53 19 37.9	8.01		H	86.369 542 52	+53.327 198 07	A	5.66	−11.47	1.13	1.42	0.99	1.45	1.55	1.04	+48	+24	−12	+22	+26	−8	+26	−11	+14	+53	0	0.56
27163		05 45 29.34	+32 13 40.0	11.09		G	86.372 242 55	+32.227 780 88		−3.83	−4.27	0.46	2.46	1.57	2.72	3.21	1.75	−12	+37	−15	+8	+12	−1	+11	+45	−2	−24	0	2.55
27164		05 45 29.59	+31 19 29.5	6.50		H	86.373 301 19	+31.324 868 89		3.25	6.18	−18.05	0.78	0.50	0.83	0.91	0.55	+2	+30	−4	+29	+5	+7	+5	+40	+5	+10	0	0.27
*27165		05 45 29.79	+52 09 41.4	6.85		H	86.374 123 81	+52.161 504 12		21.89	86.98	−178.32	0.69	0.48	0.88	0.87	0.52	+39	+23	+13	+26	+36	−26	+36	+0	−1	+33	0	1.11
*27166		05 45 29.81	−10 45 59.2	8.22		H	86.374 211 27	−10.766 447 80		3.87	8.41	2.30	0.76	0.64	0.98	0.78	0.63	+12	+11	−13	−2	−44	+15	−39	+22	−15	−1	0	−0.13
*27167		05 45 29.73	+60 15 40.6	9.91		H	86.373 856 80	+60.261 284 64		2.28	−6.93	−1.34	1.16	1.07	1.60	1.30	1.13	+14	+15	−3	−7	+1	−14	−2	−30	+2	+6	0	0.98
27168		05 45 30.54	+67 47 43.8	10.85		H	86.377 242 94	+67.795 502 09		13.99	47.40	−225.17	1.06	1.32	2.07	1.47	1.61	−8	+8	−4	+31	+21	−12	+18	+15	+3	−7	2	−0.19
*27169		05 45 30.64	−27 29 04.0	7.77	1	H	86.377 675 62	−27.484 447 07		2.22	4.61	13.23	0.49	0.60	0.81	0.60	0.78	−5	+9	+0	−6	+2	+8	+2	−8	−7	−5	0	−0.18
*27170		05 45 30.61	−55 34 40.8	7.55	1	H	86.377 538 47	−55.577 997 38		7.01	−10.79	−5.68	0.58	0.58	0.60	0.63	0.79	−8	−9	−12	+23	−4	−1	−4	+12	−2	−3	0	−0.22
27171		05 45 31.17	+19 23 47.4	9.75		H	86.379 863 50	+19.396 499 04		−0.94	−0.78	−2.52	1.53	1.04	1.73	1.74	1.25	+12	+37	−33	+11	+1	+1	+2	+5	−3	+52	0	0.77
27172		05 45 31.77	+29 17 54.7	7.42		H	86.382 360 44	+29.298 526 97		0.08	1.07	−1.61	1.01	0.77	1.16	1.63	1.15	+19	+23	−45	+29	+24	−5	+24	+27	−5	+70	0	0.65
27173		05 45 33.00	+25 43 53.0	8.49		H	86.387 490 28	+25.731 402 20		8.23	−20.15	−5.45	1.09	0.72	1.20	1.28	0.89	+2	+37	−22	+6	+22	+12	+22	+9	+3	+52	0	−0.36
27174	H	05 45 34.67	−47 22 56.9	8.32		H	86.394 442 92	−47.382 462 32	A	10.65	18.92	−5.87	1.05	1.03	1.03	1.03	0.99	−18	+10	+8	+8	+0	+1	−1	−6	−9	−27	0	0.19
*27175		05 45 34.92	+69 16 24.2	8.76		H	86.395 492 43	+69.273 393 73		−0.19	0.12	−13.73	0.57	0.78	1.11	0.60	0.93	−7	+15	+10	−12	+18	−5	+22	+18	+8	−10	0	−0.24
*27176		05 45 34.91	+48 59 06.1	7.49		H	86.395 469 95	+48.985 016 97		4.26	4.31	−13.58	0.94	0.70	1.10	1.14	0.78	+17	+18	−26	+35	+35	−7	+26	+46	−25	+32	0	0.74
27177		05 45 36.12	+54 05 17.2	7.99		H	86.400 499 32	+54.088 108 23		2.54	−2.82	−0.82	0.93	0.66	1.08	1.21	0.86	+44	+31	−2	+29	+29	+1	+36	+8	+19	+64	0	−2.27
27178		05 45 36.41	+42 51 48.6	8.01		H	86.401 719 69	+42.863 503 42		−0.42	−1.30	−3.01	0.96	0.73	1.04	1.15	0.77	+26	+15	−18	+32	+39	+7	+35	+51	−13	+35	0	−1.70
27179	H	05 45 36.53	+30 10 03.8	8.40		G	86.402 205 61	+30.167 730 83	A	0.31	−1.18	−3.40	3.01	2.03	2.79	3.54	2.48	−4	+37	−26	+13	+40	−11	+37	+13	−5	+34	13	2.26
27180		05 45 36.64	+28 41 40.0	8.54		H	86.402 668 46	+28.694 440 68		2.60	1.41	−1.75	1.09	0.79	1.14	1.59	1.13	+33	+24	−31	+31	+40	−13	+30	+43	−17	+76	0	−0.25
27181		05 45 39.41	+20 41 42.2	6.87	2	H	86.414 211 34	+20.695 053 01	*	3.72	−1.12	−6.52	2.05	0.84	2.29	1.93	1.00	+26	+81	+15	+63	+18	+55	+14	+23	+5	+28	0	2.38
27182		05 45 40.34	+14 41 21.8	9.05		G	86.418 098 04	+14.689 381 15		3.41	63.15	−189.93	1.30	0.92	1.40	1.49	0.95	−13	+13	+4	−16	−9	+15	−6	−62	−1	−12	0	−0.33
27183		05 45 40.53	+18 39 24.8	8.07	2	H	86.418 867 94	+18.656 900 87		0.86	0.01	−3.48	1.26	0.91	1.38	1.70	1.29	+24	+40	−31	−25	−30	+5	−16	−43	+20	+64	0	1.58
27184		05 45 40.95	−31 30 55.3	8.27		H	86.420 620 54	−31.515 365 43		8.05	−7.79	0.66	0.58	0.68	0.84	0.62	0.84	−5	+31	−20	+13	−5	+15	−9	+34	−13	+8	1	0.13
27185		05 45 41.96	−15 52 11.4	8.09	1	H	86.424 816 11	−15.869 831 05		17.92	−19.60	−74.58	0.68	0.66	1.07	0.78	0.71	−33	+31	−24	+23	−34	+5	−36	+34	−14	−14	0	0.88
27186		05 45 43.15	−67 51 52.0	9.09		H	86.429 791 01	−67.864 451 53		3.32	8.02	6.27	0.87	0.83	0.82	1.01	1.10	−17	+0	−4	−46	+11	+15	+12	−36	−11	−29	1	−0.47
27187		05 45 45.96	−40 15 17.5	8.33		H	86.441 511 36	−40.254 860 13		3.65	0.87	−35.69	0.61	0.64	0.76	0.62	0.77	+0	+9	+6	+2	−3	+6	−6	−3	−22	−7	2	−0.62
*27188		05 45 47.90	+62 14 19.3	9.02		G	86.449 596 14	+62.238 685 81		73.04	297.76	−785.27	0.77	0.78	1.11	0.93	0.90	+10	+17	+3	−19	−4	−11	−5	−46	+1	+4	0	−0.25
*27189		05 45 47.88	+37 39 32.5	7.49	2	H	86.449 519 44	+37.659 025 09		5.51	12.53	−15.51	1.00	0.66	1.04	1.11	0.69	−22	+35	−8	−7	+29	−1	+23	+23	+4	−9	0	0.05
27190		05 45 49.16	+50 38 56.0	8.76		H	86.454 847 51	+50.648 892 41		5.39	22.78	−34.38	1.10	0.73	1.25	1.36	0.79	+48	+36	+21	+10	+27	−5	+26	−10	+13	+43	0	−0.03
27191		05 45 49.23	+18 47 32.8	7.51		H	86.455 126 24	+18.792 452 20		1.04	−1.16	−6.21	1.04	0.71	1.12	1.44	1.02	+30	+37	−28	−17	−26	+9	−17	−25	+14	+69	0	0.21
27192		05 45 49.53	+40 30 26.1	6.57		H	86.456 368 94	+40.507 242 68		16.29	−30.07	−3.26	0.74	0.58	0.83	0.95	0.68	−11	+25	−23	+30	+2	+13	+5	+41	+3	−4	0	1.20
27193		05 45 49.64	−47 00 23.6	7.22		G	86.456 843 81	−47.006 553 07		9.87	−30.82	−13.29	0.55	0.53	0.60	0.60	0.57	−3	+27	+8	+7	−5	+5	−9	−13	−3	−25	0	−0.84
27194	T	05 45 51.61	+37 25 36.9	12.49		H	86.465 031 06	+37.426 907 75	B	5.68	−7.15	−4.65	208.68	115.83	2.91	3.20	1.93	−75	+1	+0	+0	+1	−7	+0	+1	−7	+4	0	−0.87
27195		05 45 53.52	+37 25 48.5	8.81		H	86.473 004 56	+37.430 149 57	A	5.68	−7.15	−4.65	3.42	2.22	2.91	3.20	1.93	−10	+45	−14	−4	+38	−7	+23	+34	−7	+4	0	−0.87
27196		05 45 54.05	+49 49 34.6	5.46		H	86.475 203 31	+49.826 282 83		6.76	−11.18	−11.31	1.02	0.68	0.86	2.78	1.84	+28	+39	+2	+52	+31	−1	+32	+58	+8	+14	0	0.17
27197		05 45 54.67	−23 08 24.7	7.06		H	86.477 803 10	−23.140 207 15		2.99	23.94	−37.30	0.34	0.49	0.73	0.45	0.58	−4	+13	−11	+29	−13	+5	−16	−9	+14	−21	0	−0.45
27198	H	05 45 54.95	+33 43 09.6	9.26		H	86.478 948 53	+33.719 329 25	A	−0.59	2.50	−8.45	2.61	1.67	2.70	2.53	1.46	−8	+30	−6	+16	+35	+21	+20	+49	−26	−5	2	−0.91
27199		05 45 54.98	+63 17 46.9	7.71	2	H	86.479 097 00	+63.296 359 79		4.00	2.80	−38.49	0.64	0.66	0.91	0.76	0.74	−17	+6	+0	−20	+12	−12	+12	−26	−2	−10	0	0.43
27200	H	05 45 56.59	+24 13 29.8	7.96		G	86.485 795 01	+24.224 944 14	*	3.25	−5.09	−9.03	1.05	0.69	1.18	1.34	0.90	+2	+38	−26	+9	+16	+6	+12	+15	−7	+38	0	0.68

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
27101	8.799	0.014	8.718	0.017		0.055	0.005	G	0.07	0.00	H	8.7514	0.0022	0.015	63		8.73	8.77		C			1							
27102	8.356	0.015	8.314	0.018		0.038	0.021	T	0.05	0.02	L	8.3300	0.0023	0.024	169		8.30	8.37		U			1							S
27103	6.548	0.004	6.743	0.005		−0.173	0.002	G	−0.18	0.00	H	6.7203	0.0009	0.010	148		6.70	6.74			05448−2140	I 1	1							S
27104	9.431	0.015	7.870	0.008		1.310	0.013	T	1.27	0.01	L	7.8765	0.0013	0.013	127		7.86	7.90		C			1							
27105	9.088	0.020	8.710	0.021	*	0.432	0.015	G	0.50	0.02	H *	8.6801	0.0023	0.016	56	*	8.66	8.71		D	05449+3735	I 1	2 C	A	AB	234	0.804	0.015	1.90	0.04	
27106	7.036	0.006	6.989	0.008		0.048	0.009	T	0.06	0.01	L	7.0177	0.0010	0.008	69		7.00	7.03		D			1							S
27107	10.354	0.034	8.823	0.017		1.286	0.030	T	1.25	0.03	L	8.8229	0.0022	0.014	69		8.80	8.85		C			1							
27108	9.178	0.015	9.007	0.017	A	0.120	0.015	G	0.13	0.01	H *	8.9062	0.0027	0.022	116	*	8.88	8.95		D	05449+5543	I 1	2 C	A	AB	107	1.279	0.008	0.96	0.02	
27109	8.339	0.007	7.985	0.007		0.359	0.015	G	0.42	0.02	H	8.0406	0.0009	0.012	176		8.02	8.07		C			1							S
27110	7.337	0.009	7.353	0.009	*	−0.010	0.012	T	0.01	0.01	L *	7.3502	0.0012	0.008	57	*	7.34	7.37		D	05449+2621	I 1	2 C	A	AB	7	0.278	0.003	0.44	0.04	S
27111						0.699	0.015	G	0.76	0.01	H *	11.4921	0.0058	0.033	80	*	11.42	11.54		D	05449+0915	H 1	2 C	C	AB	170	0.946	0.044	0.98	0.05	G
27112	9.086	0.018	7.661	0.011		1.203	0.017	T	1.16	0.02	L	7.6964	0.0015	0.009	62		7.68	7.71		C			1							
27113	10.258	0.029	9.464	0.023		0.704	0.028	T	0.76	0.02	L	9.5138	0.0023	0.020	123		9.47	9.55		C			1							
27114						1.085	0.006	G	1.15	0.01	I	10.8679	0.0047	0.035	73		10.81	10.93		C			1							G
27115	7.075	0.006	7.161	0.009		−0.070	0.015	G	−0.05	0.01	H	7.1568	0.0013	0.011	89		7.14	7.17		C			1							S
27116	6.746	0.005	6.500	0.004		0.234	0.006	T	0.26	0.01	L	6.5382	0.0008	0.006	94		6.53	6.55		C			1							S
27117	9.265	0.020	9.161	0.024		0.101	0.021	G	0.11	0.02	H	9.1720	0.0034	0.023	72		9.14	9.22					1	S						
27118	6.486	0.004	6.136	0.004		0.320	0.008	G	0.37	0.01	H	6.1656	0.0012	0.008	66		6.15	6.18			05450+0400	I 1	1 G							S
27119	9.369	0.016	8.360	0.011		0.881	0.014	T	0.89	0.01	L	8.3679	0.0430	0.317	126		7.92	8.71	4.03	P 1 A			1	S						
27120	10.236	0.051	9.489	0.044		0.683	0.053	T	0.74	0.04	L	9.5429	0.0043	0.021	50		9.51	9.58		C			1	S						G
27121	7.481	0.006	7.250	0.005		0.215	0.008	T	0.24	0.01	L	7.2862	0.0016	0.014	123		7.26	7.31		M			1							S
27122	9.050	0.011	7.349	0.005		1.420	0.010	T	1.40	0.02	L	7.3370	0.0012	0.009	119		7.32	7.35					1							S
27123	7.295	0.006	6.829	0.006		0.436	0.007	G	0.50	0.01	H	6.8879	0.0013	0.009	95		6.88	6.90		C			1							S
27124	10.689	0.029	8.998	0.012		1.412	0.025	T	1.39	0.03	L	9.0026	0.0016	0.020	182		8.97	9.04		C			1							
27125	9.257	0.017	8.899	0.018		0.339	0.023	T	0.40	0.03	L	8.9530	0.0020	0.016	79		8.93	8.98		C			1							
27126	9.192	0.016	8.596	0.015		0.556	0.019	T	0.63	0.02	L	8.6472	0.0011	0.013	109		8.62	8.67		C			1							
27127	10.146	0.036	9.403	0.029		0.665	0.035	T	0.73	0.03	L	9.4557	0.0025	0.032	150		9.40	9.51					1							
27128	8.845	0.010	8.271	0.009		0.540	0.010	T	0.61	0.01	L	8.3182	0.0016	0.017	152		8.29	8.36		C			1							S
27129	8.723	0.016	6.817	0.008		1.583	0.014	T	1.60	0.01	L	6.7866	0.0018	0.013	52		6.76	6.80					1							S
27130	9.644	0.014	8.401	0.009		1.061	0.013	T	1.03	0.01	L	8.4324	0.0013	0.015	163		8.41	8.46		C			1							S
27131	9.292	0.018	8.859	0.018	*	0.423	0.020	T	0.49	0.02	L *	8.8923	0.0018	0.014	108	*	8.87	8.92		C	05452−5057	H 1	2 C S	A	AB	298	0.136	0.012	0.33	0.60	
27132	10.765	0.041	8.740	0.013		1.677	0.034	T	1.70	0.04	L	8.6594	0.0023	0.018	119		8.63	8.69					1							
27133	7.283	0.005	6.864	0.005		0.374	0.001	G	0.44	0.00	H	6.9188	0.0011	0.008	131		6.90	6.93					1							S
27134	10.336	0.031	9.354	0.022		0.849	0.030	T	0.86	0.02	L	9.4242	0.0125	0.098	101		9.30	9.60		U 2 C			1							
27135	12.064	0.229	8.757	0.023	*	2.100	0.510	G	2.09	0.52	J *	8.2971	0.0124	0.171	57	*	7.95	8.48		U 2 B	05452+2425	H 1	2 C S	B	AB	292	0.170	0.025	0.28	0.35	P
27136	9.212	0.014	9.066	0.016	*	0.140	0.020	T	0.15	0.02	L *	9.0856	0.0017	0.012	115	*	9.06	9.11		D	05452−0958	I 1	2 C	A	AB	267	0.832	0.009	2.44	0.04	
27137	9.526	0.017	8.409	0.012		0.962	0.016	T	0.95	0.01	L	8.4616	0.0013	0.014	144		8.44	8.50					1							
27138	10.424	0.034	10.312	0.050		0.101	0.055	T	0.11	0.06	L	10.3141	0.0036	0.028	112		10.26	10.36					1							G
27139	8.746	0.015	8.236	0.015	*	0.489	0.016	T	0.56	0.02	L *	8.3082	0.0018	0.011	94	*	8.29	8.33		D	05453−5543	I 1	2 C	A	AB	307	7.585	0.011	2.35	0.05	S
27140	9.068	0.014	8.547	0.014		0.498	0.015	T	0.57	0.02	L	8.6100	0.0013	0.011	97		8.58	8.64					1							S
27141	11.124	0.073	9.950	0.042		1.007	0.066	T	0.98	0.05	L	10.0444	0.0034	0.037	153		9.97	10.09		C			1 X	S						G
27142	10.656	0.047	10.355	0.055		0.243	0.020	G	0.27	0.03	H	10.3508	0.0055	0.033	86		10.27	10.41		U			1							G
27143	10.008	0.015	8.528	0.008		1.246	0.013	T	1.20	0.01	L	8.5607	0.0014	0.018	247		8.53	8.59					1							
27144	10.603	0.053	8.582	0.018	*	1.582	0.243	G	1.59	0.27	R *	8.3394	0.0130	0.058	62	*	8.27	8.44		U 2	05453+3542	H 1	2 C S	A	AB	175	0.149	0.009	0.48	0.58	P
27145	10.637	0.035	9.425	0.020		1.036	0.031	T	1.01	0.03	L	9.4829	0.0025	0.027	100		9.43	9.53					1							
27146	8.945	0.012	8.807	0.014		0.145	0.010	G	0.16	0.01	H	8.8273	0.0014	0.015	125		8.80	8.86		C			1							
27147	10.834	0.039	9.054	0.015		1.483	0.033	T	1.50	0.05	L	9.0851	0.0019	0.018	115		9.05	9.11					1							
27148	9.645	0.019	9.224	0.019	*	0.411	0.022	T	0.48	0.02	L *	9.2735	0.0020	0.018	139	*	9.24	9.31		D	05453−2955	H 1	2 C	A	AB	9	0.769	0.010	2.08	0.04	
27149	9.234	0.010	7.942	0.006		1.099	0.009	T	1.06	0.01	L	7.9975	0.0011	0.014	233		7.98	8.02					1							S
27150	9.444	0.035	9.170	0.039		0.261	0.049	T	0.29	0.06	L	9.2166	0.0033	0.018	42		9.19	9.24		C			1							
27151	8.467	0.012	8.329	0.014		0.133	0.017	T	0.15	0.02	L	8.3793	0.0016	0.013	68		8.36	8.40		C			1							
27152	9.756	0.015	8.248	0.008		1.268	0.013	T	1.23	0.01	L	8.2902	0.0017	0.017	178		8.26	8.32					1							
27153	8.449	0.011	7.561	0.009	*	0.770	0.005	G	0.81	0.00	H *	7.6015	0.0015	0.010	89	*	7.59	7.62		D	05454+1247	M 1	2 C	A	AB	315	0.369	0.004	0.50	0.02	S
27154	10.105	0.036	9.674	0.039		0.407	0.049	T	0.47	0.05	L	9.7147	0.0034	0.028	59		9.68	9.77					1							G
27155	10.664	0.059	9.671	0.037		0.857	0.054	T	0.90	0.05	L	9.6726	0.0026	0.020	63		9.65	9.71		C			1							G
27156	7.575	0.006	7.263	0.006		0.296	0.008	T	0.34	0.01	L	7.3083	0.0012	0.016	132		7.28	7.33		U 2			1							S
27157	7.275	0.006	7.181	0.007		0.092	0.009	T	0.10	0.01	L	7.2218	0.0009	0.007	86		7.21	7.23		C			1							S
27158	9.283	0.014	8.388	0.011		0.781	0.014	T	0.82	0.01	L	8.4459	0.0016	0.016	126		8.42	8.48		C			1							S
27159	10.429	0.053	10.139	0.065		0.276	0.079	T	0.31	0.10	L	10.1389	0.0028	0.023	52		10.09	10.18		C			1							G
27160	8.350	0.010	8.408	0.013		−0.060	0.003	G	−0.04	0.00	H	8.4194	0.0018	0.014	103		8.40	8.44		C			1							S
27161	8.970	0.016	8.281	0.013		0.636	0.017	T	0.70	0.01	L	8.3321	0.0019	0.014	75		8.30	8.35					1							S
27162	8.356	0.016	7.979	0.019	*	0.357	0.023	T	0.42	0.03	L *	8.0996	0.0014	0.013	123	*	8.07	8.12		D	05455+5320	I 1	2 C	A	AB	175	3.950	0.008	2.07	0.04	
27163						1.634	0.023	G	1.61	0.02	J	11.2625	0.0057	0.040	85		11.17	11.32					1							G
27164	7.930	0.009	6.637	0.006		1.100	0.008	T	1.06	0.01	L	6.6683	0.0007	0.007	66		6.66	6.68		C			1							S
27165	7.617	0.005	6.927	0.004		0.637	0.005	T	0.70	0.00	L	6.9814	0.0006	0.007	142		6.97	7.00		C			1							S
27166	8.207	0.009	8.205	0.011		0.007	0.013	T	0.03	0.01	L	8.2273	0.0010	0.013	108		8.21	8.25					1							S
27167	11.252	0.065	10.034	0.039		1.041	0.059	T	1.01	0.05	L	10.0742	0.0033	0.030	105		10.02	10.13		C			1							G
27168	12.166	0.124	10.960	0.065		1.100	0.020	G	1.18	0.03	I	10.9795	0.0028	0.039	172		10.92	11.04					1							G
27169	9.879	0.019	7.978	0.008		1.612	0.017	T	2.06	0.05	O	7.8512	0.0022	0.020	152		7.82	7.88		U			1							S
27170	7.965	0.009	7.586	0.010		0.387	0.007	G	0.45	0.01	H	7.6388	0.0031	0.023	94		7.60	7.67	0.30	P 1 A			1							S
27171	9.717	0.028	9.644	0.037		0.072	0.043	T	0.08	0.05	L	9.7791	0.0030	0.024	56		9.75	9.83		C			1							G
27172	8.211	0.015	7.513	0.013		0.644	0.016	T	0.71	0.01	L	7.5538	0.0019	0.010	51		7.54	7.57					1							S
27173	8.970	0.019	8.518	0.019		0.426	0.025	T	0.49	0.03	L	8.5842	0.0014	0.011	54		8.56	8.61		D			1							
27174	8.730	0.018	8.208	0.027	*	0.499	0.024	T	0.57	0.03	L *	8.4283	0.0016	0.015	114	*	8.41	8.45		D	05456−4723	I 1	2 C	A	AB	302	1.987	0.007	1.75	0.03	S
27175	10.638	0.027	8.905	0.011		1.446	0.023	T	1.44	0.04	L	8.8946	0.0020	0.023	186		8.86	8.94					1							
27176	8.860	0.019	7.613	0.012		1.064	0.018	T	1.03	0.01	L	7.6595	0.0010	0.010	65		7.64	7.67		D			1							
27177	9.327	0.013	8.093	0.009		1.054	0.012	T	1.02	0.01	L	8.1559	0.0017	0.017	119		8.13	8.18					1							S
27178	10.061	0.031	8.176	0.013		1.566	0.027	T	1.58	0.03	L	8.1280	0.0021	0.013	69		8.10	8.15		C			1							
27179	8.588	0.014	8.565	0.018	A	0.050	0.020	G	0.06	0.02	H *	8.4252	0.0032	0.025	53	*	8.41	8.48		D	05456+3010	H 1	2 C	B	AB	257	4.922	0.031	1.89	0.09	
27180	8.547	0.018	8.529	0.023		0.021	0.027	T	0.04	0.02	L	8.5507	0.0019	0.012	53		8.53	8.57		C			1							
27181	11.157	0.116	7.169	0.010		3.101	0.085	T	3.18	0.09	L	6.7202	0.0085	0.087	44		6.66	6.88		U 2 B			1 V							
27182	9.846	0.020	9.170	0.018		0.650	0.020	G	0.71	0.02	H	9.1897	0.0024	0.022	110		9.16	9.23					1							
27183	8.887	0.017	8.149	0.014		0.676	0.018	T	0.74	0.01	L	8.2113	0.0130	0.092	48		8.08	8.36	2.10	P 1 A			1							
27184	8.691	0.010	8.312	0.011		0.387	0.015	G	0.45	0.02	H	8.3618	0.0015	0.014	133		8.34	8.39					1							S
27185	8.774	0.010	8.158	0.009		0.571	0.010	T	0.64	0.01	L	8.2165	0.0024	0.024	136		8.18	8.25		U			1							S
27186	10.492	0.036	9.234	0.021		1.072	0.033	T	1.04	0.03	L	9.2537	0.0025	0.018	100		9.22	9.28		C			1							
27187	9.766	0.018	8.444	0.010		1.122	0.016	T	1.08	0.02	L	8.4948	0.0013	0.013	129		8.47	8.52		C			1							
27188	10.867	0.043	9.209	0.018		1.379	0.012	G	1.62	0.02	I	9.1138	0.0020	0.018	126		9.08	9.14		C			1							
27189	9.799	0.029	7.735	0.012		1.747	0.026	T	2.66	0.04	O	7.4843	0.0049	0.032	60		7.44	7.53		U 2			1	S						
27190	9.388	0.015	8.828	0.014		0.524	0.018	T	0.60	0.02	L	8.8745	0.0018	0.012	127		8.85	8.90		C			1							
27191	7.620	0.010	7.519	0.013		0.098	0.015	T	0.11	0.02	L	7.5456	0.0015	0.009	57		7.53	7.56		C			1							S
27192	6.869	0.006	6.599	0.008		0.256	0.010	G	0.34	0.03	C	6.6427	0.0008	0.007	56		6.63	6.66					1							S
27193	7.610	0.006	7.253	0.007		0.351	0.015	G	0.41	0.02	H	7.3052	0.0009	0.009	112		7.29	7.32		C			1							S
27194											T	12.2926	0.1027			B				D	05459+3726	I 2	1 C F	C						
27195	10.194	0.044	8.969	0.026	A	1.047	0.040	T	1.02	0.03	L	8.9809	0.0069	0.019	58	A	8.95	9.00		D	05459+3726	I 2	1 C P	C						
27196	5.515	0.004	5.465	0.005		0.030	0.005	G	0.07	0.03	C	5.4872	0.0008	0.005	64		5.47	5.50		C			1 G							S
27197	8.705	0.006	7.188	0.004		1.275	0.006	T	1.23	0.01	L	7.2179	0.0006	0.010	272		7.20	7.24					1							S
27198	9.506	0.018	9.406	0.023	A	0.162	0.400	G	0.06	0.02	L *	9.2770	0.0026	0.020	94	*	9.24	9.31		D	05459+3343	I 1	2 C	A	AB	250	8.812	0.019	1.77	0.04	
27199	8.245	0.010	7.749	0.010		0.495	0.015	G	0.57	0.02	H	7.8180	0.0052	0.035	120		7.76	7.87	0.20	P 1 A			1							S
27200	8.203	0.013	7.968	0.015	*	0.220	0.015	G	0.24	0.02	H *	7.9934	0.0024	0.014	55	*	7.97	8.02			05459+2413	H 1	2 C S	B	AB	158	0.117	0.025	0.67	1.00	

Number		Descriptor: epoch J1991.25					Position: epoch J1991.25			Par.	Proper Motion		Standard Errors					Astrometric Correlations (%)										Soln	
HIP		RA	Dec	V			α (ICRS)	δ		π	$\mu_{\alpha*}$	μ_δ	α*	δ	π	$\mu_{\alpha*}$	μ_δ	δ/α*	π/α*	π/δ	$\mu_{\alpha*}$/α*	$\mu_{\alpha*}$/δ	$\mu_{\alpha*}$/π	μ_δ/α*	μ_δ/δ	μ_δ/π	μ_δ/$\mu_{\alpha*}$	F1	F2
		h m s	±° ′ ″	mag			deg	deg		mas	mas/yr		mas		mas	mas/yr												%	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
27201	H	05 45 57.14	−37 02 32.4	9.35		H	86.488 101 80	−37.042 332 11	A	9.03	163.26	107.69	2.81	1.83	1.61	1.45	1.51	−14	+3	−10	−14	+11	−5	+3	+3	−6	−15	0	−0.66
27202		05 45 57.34	−13 12 13.9	8.29		H	86.488 919 32	−13.203 870 62		12.36	27.75	134.89	0.82	0.69	1.27	1.07	1.29	+8	+35	−22	+3	−12	−24	−42	+26	−46	−13	0	2.33
27203	H	05 45 58.64	+23 44 50.9	7.94		H	86.494 315 43	+23.747 474 71	A	2.51	6.85	−21.10	1.78	1.40	1.42	1.95	1.25	−7	−2	+3	−7	+11	−1	+15	+12	−5	+3	2	−0.12
27204		05 45 59.89	−32 18 23.0	5.18		H	86.499 553 86	−32.306 379 97		2.52	3.01	−22.62	0.42	0.43	0.55	0.52	0.50	+0	+17	−16	−16	−13	+1	−8	+12	−5	−17	0	0.29
27205	H	05 46 00.80	+21 19 04.5	7.70		G	86.503 342 51	+21.317 904 49	A	5.91	1.05	−41.14	1.78	1.19	1.57	2.10	1.42	+13	+29	−11	+3	+6	−1	+6	+5	+0	+59	0	0.44
27206		05 46 01.15	−61 13 47.6	7.41		G	86.504 800 45	−61.229 895 98		2.97	1.62	25.26	0.55	0.53	0.56	0.59	0.61	−6	+13	+4	+13	−16	+12	−18	+2	+7	−25	0	−0.31
27207		05 46 01.53	+37 17 09.2	7.34		H	86.506 369 58	+37.285 887 59		48.60	487.00	−509.70	0.94	0.65	1.03	1.04	0.67	+2	+35	−12	+20	+28	−11	+20	+47	−1	+18	0	−1.09
27208		05 46 01.61	−12 25 24.6	7.86		H	86.506 709 38	−12.423 488 54		3.35	−11.78	−16.99	0.73	0.63	0.94	0.74	0.62	+5	+20	−9	+0	−40	−1	−40	+28	−14	+3	0	−0.37
27209		05 46 02.08	+79 37 14.7	7.76		H	86.508 675 26	+79.620 753 93		3.66	34.91	−34.90	0.47	0.59	0.68	0.52	0.69	+16	+18	+13	+14	+13	+14	+14	+16	+9	+15	0	0.64
27210		05 46 02.27	+02 12 04.0	9.44		H	86.509 463 94	+02.201 115 26		−0.48	−2.44	−1.12	1.70	1.26	1.76	1.97	1.42	−43	+45	−25	−40	+36	−21	+31	−60	+5	−37	0	−0.47
27211		05 46 02.63	+05 06 02.7	8.60		H	86.510 952 78	+05.100 743 60		7.77	2.51	−17.69	1.26	1.10	1.59	1.52	1.11	−14	+6	−52	−42	−17	+31	+6	−69	+41	+21	0	−0.64
27212	H	05 46 02.86	−04 16 05.9	6.24		H	86.511 928 13	−04.268 318 21	A	8.78	9.51	−68.35	0.77	0.57	0.87	0.79	0.59	+2	+21	−26	−4	−30	−2	−32	+2	−15	−14	1	0.15
27213		05 46 03.19	+65 36 51.1	8.89		H	86.513 305 10	+65.614 184 88		8.95	24.00	−35.36	0.78	0.81	1.19	0.83	0.89	+0	+30	−24	+5	+8	−14	+8	−3	+13	+0	0	−0.05
27214		05 46 03.87	+21 17 07.7	8.06		H	86.516 143 18	+21.285 460 13		6.52	−2.26	−41.80	1.03	0.69	1.07	1.31	0.90	+13	+33	−12	+19	+29	+1	+27	+24	+1	+37	0	0.98
27215		05 46 04.54	−07 04 12.0	9.73		G	86.518 921 08	−07.070 013 28		6.97	9.89	−16.34	1.08	0.82	1.70	1.18	0.85	+24	+19	−2	−7	−25	−9	−28	+24	−41	+30	0	1.19
27216		05 46 05.71	−67 42 34.9	8.06		H	86.523 771 07	−67.709 681 10		7.59	−27.69	−5.81	0.70	0.68	0.69	0.76	0.78	−6	+12	+1	−34	+0	+9	−2	−39	−5	−32	1	−0.95
27217		05 46 06.23	+10 06 07.2	8.97		H	86.525 939 14	+10.102 006 79		−0.54	0.70	−3.03	1.18	0.83	1.34	1.41	0.98	−4	+34	−17	−11	−16	+4	−7	−46	+23	−4	5	0.72
27218	H	05 46 08.43	+18 51 38.2	7.60		G	86.535 131 76	+18.860 601 57	A	5.08	8.41	−9.01	1.51	1.06	1.50	1.68	1.16	+19	+37	−43	−19	−36	+19	−17	−44	+22	+54	5	−0.18
27219		05 46 08.97	−74 02 57.1	9.13		H	86.537 361 20	−74.049 194 75		7.99	27.98	26.81	0.75	0.76	0.83	0.70	0.98	−13	+22	+17	−27	+10	+2	+7	−34	−15	−12	0	−0.92
27220		05 46 09.07	−25 52 38.4	8.96		H	86.537 809 20	−25.877 322 99		1.76	−0.97	−1.17	0.67	0.84	1.14	0.85	1.02	−1	−2	−12	+23	−2	+1	−2	+17	−21	−4	0	0.67
27221		05 46 10.22	−35 23 49.3	8.96	2	H	86.542 589 67	−35.397 039 47		1.81	4.20	4.12	0.69	0.78	0.97	0.83	0.93	−14	+17	−21	+5	−14	+31	−9	+8	−1	−12	0	0.08
27222		05 46 10.58	+22 46 21.8	8.19		H	86.544 072 61	+22.772 713 74		3.56	−1.48	−25.30	1.10	0.72	1.21	1.29	0.89	+10	+31	−21	+11	+20	+11	+21	+8	−4	+40	0	0.08
*27223	H	05 46 11.54	+71 56 01.6	8.03		G	86.548 097 80	+71.933 789 17	*	5.66	0.57	13.40	2.24	1.70	1.13	0.67	1.00	−9	−1	−3	+1	+8	+9	+7	−9	+4	+5	1	0.09
*27224		05 46 11.52	+44 46 59.8	7.96		H	86.548 007 64	+44.783 269 33		2.80	−5.64	−10.51	0.97	0.70	1.04	1.09	0.71	+1	+28	−29	+39	+29	−11	+21	+49	−11	+29	0	1.43
27225		05 46 12.04	+78 15 21.9	8.20		H	86.550 163 35	+78.256 084 44		28.20	−45.11	69.94	0.59	0.62	0.81	0.63	0.64	+5	+34	+5	+4	+10	+2	+10	+10	+7	+22	0	−0.92
27226		05 46 12.43	−01 31 24.6	9.49		H	86.551 801 83	−01.523 513 10		3.39	−1.30	0.84	1.51	1.17	1.74	1.62	1.26	−37	+46	−40	−32	+21	−4	+24	−53	+19	−45	0	1.79
27227		05 46 12.62	+64 46 08.4	6.66	1	H	86.552 602 83	+64.769 008 85		2.59	−6.73	−0.79	0.51	0.51	0.74	0.55	0.58	+5	+15	−15	−15	−3	−13	−3	−7	+12	−8	0	−0.97
27228		05 46 13.19	+39 04 30.9	7.92		G	86.554 976 85	+39.075 254 22		5.89	−6.13	−19.47	1.15	0.87	1.18	1.34	1.02	−30	+40	−3	+41	−30	−3	−25	+63	+4	−36	0	0.98
27229		05 46 13.96	−23 38 39.8	6.54	2	H	86.558 184 06	−23.644 399 38		5.75	10.45	17.19	0.32	0.48	0.72	0.42	0.57	+0	+12	−12	+6	−12	+9	−12	−17	+12	−19	1	0.07
27230		05 46 14.89	+80 23 43.6	7.95		H	86.562 053 14	+80.395 444 37		3.31	8.09	−13.03	0.51	0.61	0.70	0.53	0.71	+10	+23	+8	−8	+12	+8	+14	+6	+10	+7	1	0.62
27231		05 46 16.17	−19 38 09.6	11.38	2	G	86.567 367 87	−19.636 005 60		14.32	91.22	−207.02	1.50	1.81	2.85	2.07	1.94	+7	+17	−26	−20	−34	+16	−23	−20	+14	+9	5	2.13
27232		05 46 16.19	−15 57 10.5	8.51		H	86.567 453 14	−15.952 905 92		2.89	−8.94	0.91	0.74	0.70	1.17	1.01	0.87	−16	+21	−8	+23	−25	−6	−23	+12	−25	+14	2	0.20
27233		05 46 16.23	−58 46 29.1	8.80		H	86.567 612 67	−58.774 740 62		7.42	−26.04	−9.06	0.67	0.76	0.76	0.80	1.00	−17	+11	−1	−7	−3	−20	+1	+14	+22	−25	0	1.86
27234		05 46 16.98	+32 52 24.2	10.43		G	86.570 766 79	+32.873 397 32		8.53	17.79	−10.39	2.09	1.27	2.25	2.44	1.31	−13	+48	−21	+13	+23	−1	+16	+52	−8	−20	0	−1.23
27235		05 46 18.40	−21 49 47.1	9.21		H	86.576 650 28	−21.829 741 67		6.92	21.24	41.84	0.93	0.94	1.33	1.05	1.03	−1	+9	−26	−39	−24	+6	−18	−6	+3	−14	0	−0.56
27236		05 46 20.39	+25 28 35.2	10.35		H	86.584 944 91	+25.476 433 05		7.74	45.32	−135.96	1.74	1.14	1.97	2.03	1.41	−5	+41	−33	+9	+24	+1	+20	+16	−4	+49	0	1.69
27237		05 46 22.61	−49 16 54.0	8.49		H	86.594 213 91	−49.281 659 48		2.02	−2.73	30.12	0.66	0.70	0.77	0.77	0.81	−15	+15	−19	−8	+4	+6	+2	−13	−23	−17	0	−0.12
27238		05 46 23.04	−55 56 12.5	8.06		H	86.596 005 50	−55.936 805 26		6.32	1.08	−7.01	0.62	0.68	0.68	0.72	0.89	+0	−11	−19	+25	+0	−2	+2	+11	−7	+5	0	−1.01
27239		05 46 24.66	+47 54 10.7	7.98		H	86.602 729 53	+47.902 964 78		1.13	−2.74	−0.64	0.99	0.82	1.20	1.09	0.77	+18	+20	−44	+41	+44	−12	+34	+52	−25	+47	0	−0.53
*27240		05 46 25.64	+70 42 38.0	8.81		H	86.606 814 42	+70.710 544 43		5.25	21.67	−30.53	0.50	0.77	1.12	0.51	0.85	−3	+16	−16	+17	+12	+5	+16	+6	−2	+16	1	−0.72
*27241		05 46 25.51	−04 00 26.6	8.15		H	86.606 306 48	−04.007 383 61		0.45	0.18	−5.80	0.79	0.61	1.04	0.86	0.70	−1	+40	−22	−10	−11	−14	−24	−15	−16	−18	0	0.36
27242		05 46 26.16	+01 37 45.6	10.39		H	86.608 986 55	+01.629 347 20		4.72	−6.40	−30.52	2.93	2.35	2.50	3.48	2.58	−65	+25	−22	−63	+57	−8	+57	−75	+6	−60	0	−0.11
27243		05 46 27.37	−46 35 50.0	5.31		H	86.614 025 16	−46.597 220 12		7.09	7.80	16.33	0.45	0.44	0.50	0.57	0.50	+0	+21	+4	+13	−7	+17	−13	−16	−6	−25	0	−0.04
27244		05 46 27.95	−53 13 08.3	6.63		G	86.616 471 59	−53.218 983 43		34.70	38.24	−140.62	0.47	0.51	0.53	0.51	0.56	+1	−10	−14	+1	−10	+11	−8	−10	−1	+1	0	−1.89
27245		05 46 28.32	−52 19 26.6	9.14		H	86.617 990 85	−52.324 042 94		1.09	2.16	5.44	0.72	0.84	0.83	0.77	0.96	−14	+4	−15	+5	−5	+3	−5	−6	+6	−10	0	−1.26
27246		05 46 29.48	+74 36 38.1	7.33		H	86.622 845 03	+74.610 571 17		27.37	142.51	−187.13	0.43	0.56	0.72	0.47	0.69	+1	+13	+0	−1	+10	+7	+10	−13	+12	−1	0	1.09
27247		05 46 29.74	+49 07 34.0	7.92		H	86.623 937 22	+49.126 116 60		10.01	28.74	−20.93	1.03	0.82	1.23	1.37	0.97	+8	+12	−26	+42	+12	−10	+9	+50	−5	+4	0	−0.06
27248		05 46 30.06	+44 05 45.5	8.51		H	86.625 231 23	+44.095 981 99		2.47	−6.09	−3.91	1.04	0.76	1.09	1.25	0.80	+15	+19	−22	+34	+33	−12	+27	+47	−3	+31	2	−1.07
27249		05 46 30.37	+56 06 56.6	5.93	1	H	86.626 539 44	+56.115 718 24		16.89	20.18	−58.91	0.53	0.47	0.73	0.60	0.45	+0	+20	+27	−9	+14	−2	+9	−47	−13	−10	0	1.41
27250		05 46 30.89	−12 43 43.7	7.99		G	86.628 709 93	−12.728 801 08		4.24	−3.58	5.75	0.67	0.54	0.82	0.74	0.58	+16	+13	−3	+4	−33	−5	−33	+13	−9	+19	2	0.90
27251		05 46 31.98	+42 04 25.9	8.80		H	86.633 264 93	+42.073 855 25		13.15	25.94	−186.57	1.20	0.91	1.39	1.51	1.04	−3	+36	−12	+33	+5	+16	+6	+55	−9	−18	9	0.13
27252		05 46 33.52	+33 31 03.8	11.39		G	86.639 687 28	+33.517 732 04		8.82	8.89	−1.96	3.00	2.00	3.29	3.29	1.94	−4	+40	−20	+21	+34	+9	+18	+57	−22	+3	0	0.60
27253		05 46 34.96	+01 10 06.7	5.95		H	86.645 661 24	+01.168 537 96		23.57	−80.05	−141.79	0.76	0.55	0.92	0.81	0.66	−16	+47	−15	−5	+4	−12	+2	−33	−8	+1	3	0.10
27254		05 46 37.85	−08 49 43.4	9.13		H	86.657 713 85	−08.828 712 56		5.13	−0.74	−0.67	1.03	0.68	1.36	0.93	0.73	+12	+45	+8	−6	−40	−5	−50	+10	−46	+5	0	3.12
27255		05 46 38.57	−14 58 47.2	9.23		H	86.660 723 28	−14.979 791 21		3.93	7.05	−17.02	0.90	0.78	1.30	1.16	0.88	−7	+16	−12	+14	−27	−7	−26	+13	−16	+13	0	0.32
27256	H	05 46 39.12	−21 01 20.1	8.12		H	86.662 996 50	−21.022 257 28	A	10.84	20.65	−33.57	1.12	1.10	1.54	1.57	1.23	+0	+14	−3	−20	−29	+13	−24	−2	−3	+4	2	−0.07
27257		05 46 40.41	+10 55 54.7	7.40		H	86.668 378 97	+10.931 870 87		4.23	−7.10	−42.18	0.85	0.58	0.96	0.91	0.66	−3	+40	−25	−8	+6	−4	+9	−25	+5	+23	0	1.16
27258	H	05 46 41.34	+02 14 27.1	8.27		H	86.672 264 34	+02.240 853 19	A	1.33	3.72	0.07	1.58	1.26	1.43	1.84	1.30	−20	+8	−16	−41	+24	+11	+24	−52	−1	−28	2	0.28
27259		05 46 42.09	−36 13 52.7	6.84		H	86.675 379 31	−36.231 310 66		10.60	−0.24	−18.69	0.47	0.47	0.59	0.57	0.53	−4	+9	−4	+20	−16	+27	−17	−2	+4	−14	3	1.33
27260		05 46 42.41	−21 49 36.5	8.61		H	86.676 697 75	−21.826 798 22		14.47	17.10	1.67	0.83	0.80	1.15	1.05	0.97	+8	+14	−11	−42	−29	+3	−21	−7	+4	−9	1	0.26
27261		05 46 43.19	+02 42 26.5	7.81		H	86.679 965 11	+02.707 362 49		1.81	1.65	−1.56	0.94	0.70	1.02	1.06	0.82	−4	+38	−14	−23	+1	−8	+2	−47	+0	+9	0	−0.47
27262		05 46 43.75	+11 02 45.6	9.32		H																							
27263		05 46 44.51	+11 03 02.0	7.60		H	86.685 463 23	+11.050 557 07		7.78	56.64	−57.82	1.07	0.70	1.21	1.10	0.77	−19	+43	−22	−18	+1	−5	+11	−46	+14	+11	0	0.87
27264		05 46 45.35	−26 31 46.2	9.79		H	86.688 975 40	−26.529 497 59		1.22	0.69	−3.06	0.89	1.16	1.58	1.18	1.39	−2	−7	−14	+15	−7	+6	−7	+2	+0	−8	2	1.68
27265		05 46 45.49	+15 49 21.0	6.00		H	86.689 556 02	+15.822 504 45		3.71	5.36	−3.04	0.81	0.50	0.91	0.81	0.50	−11	+35	+8	−26	+7	+12	+1	−57	−14	−14	0	−0.24
27266		05 46 45.79	+20 10 24.9	7.61		G	86.690 800 59	+20.173 587 65		10.05	−33.00	−11.64	1.10	0.68	1.21	1.30	0.81	+10	+32	+5	+23	+4	−31	+8	+28	+12	+5	0	1.47
27267		05 46 45.89	+48 40 10.9	7.67		H	86.691 215 03	+48.669 687 90		−0.63	0.80	1.31	0.95	0.74	1.12	1.09	0.78	+10	+27	−29	+34	+22	−8	+18	+42	−6	+27	0	−0.15
27268		05 46 46.06	+08 45 27.1	10.27		H	86.691 908 06	+08.757 540 18		−4.97	7.19	−7.70	6.10	4.15	6.88	6.93	4.90	+2	+33	−16	−10	−5	+16	+5	−38	+13	+24	0	
*27269		05 46 46.55	−03 15 36.4	8.49		H	86.693 955 31	−03.260 099 97	A	10.77	−9.49	−2.75	5.95	3.74	3.24	4.23	2.52	−8	+43	−27	−49	+1	−32	−2	−28	+3	−20	9	0.63
*27270		05 46 46.53	+02 22 28.7	8.94		H	86.693 893 63	+02.374 648 70		1.49	−8.00	−5.17	1.27	0.95	1.47	1.50	1.09	−9	+42	−26	−23	+0	−24	−1	−49	+11	−1	3	1.90
*27271		05 46 46.53	−50 51 17.2	8.40		H	86.693 884 21	−50.854 774 08		4.35	−1.91	17.81	0.64	0.68	0.72	0.71	0.85	−5	+10	−5	−3	+0	−3	−1	+5	−8	−5	1	0.17
27272		05 46 47.56	−71 36 12.6	9.30		H	86.698 163 37	−71.603 510 33		6.75	−9.80	−2.15	0.69	0.65	0.79	0.76	0.98	−24	+9	+5	−3	+8	+10	+4	−39	−17	−28	0	1.71
27273		05 46 47.79	−03 15 52.8	8.91		H	86.699 110 08	−03.264 659 72	B	3.88	−2.05	10.27	4.89	3.39	3.83	5.06	3.33	−22	+39	−32	−65	+23	−28	+18	−57	+6	−34	9	0.63
27275		05 46 49.17	−48 23 47.1	8.07		H	86.704 887 43	−48.396 414 48		10.24	−0.14	−26.49	0.63	0.62	0.70	0.78	0.84	−16	+21	−12	+13	+1	+0	−3	+0	−20	−12	3	−0.50
27276		05 46 49.80	+09 39 46.8	7.67		H	86.707 498 83	+09.662 997 55		4.61	−3.96	−18.00	1.06	0.67	1.22	1.41	0.84	−3	+39	+4	−9	+7	+21	−3	−40	−11	−30	0	−0.20
27277		05 46 50.54	−43 13 19.1	8.92		H	86.710 573 54	−43.221 964 87		0.97	0.63	2.63	0.69	0.75	0.82	0.74	0.88	−3	+21	+2	−12	−8	+5	−8	+3	+0	−8	0	1.08
27278		05 46 51.47	+47 28 02.6	7.47		H	86.714 469 66	+47.467 376 20		2.91	4.90	−10.09	0.94	0.76	0.98	1.07	0.73	+43	+10	−35	+54	+54	−17	+47	+58	−23	+57	0	−1.30
27279		05 46 51.73	−82 25 41.8	8.43		H	86.715 543 14	−82.428 289 51		4.78	2.72	−5.45	0.64	0.65	0.70	0.67	0.78	−5	+20	−10	+8	−21	+26	−22	+26	−4	−7	0	−1.64
27280		05 46 52.15	+09 31 21.0	5.78		G	86.717 310 27	+09.522 499 63		10.88	−33.29	−64.54	0.76	0.48	0.86	0.92	0.56	−5	+35	−23	+6	−15	+5	−8	−28	+18	−4	0	−0.69
27281		05 46 52.67	−28 53 23.8	7.54		H	86.719 464 61	−28.889 938 38		19.88	−69.00	−114.32	0.51	0.57	0.76	0.62	0.63	−5	−8	−7	−19	−8	+23	−5	−3	−5	−12	1	0.34
27282		05 46 53.53	−42 09 03.3	8.62		H	86.723 036 83	−42.150 908 34		1.19	2.16	5.58	0.62	0.69	0.77	0.60	0.74	−8	+8	+7	−10	−2	+14	−4	−2	−17	−14	0	−1.68
27283		05 46 54.60	+56 55 26.4	6.79		H	86.727 488 60	+56.923 993 04		5.24	8.57	−27.78	0.59	0.49	0.78	0.65	0.48	−4	+22	+13	−6	+13	+5	+5	−50	−8	−19	0	0.53
27284		05 46 55.09	+00 58 04.3	8.72		G	86.729 539 59	+00.967 874 74		5.40	3.76	4.46	1.10	0.82	1.22	1.24	0.91	−13	+36	−13	−13	+13	−9	+11	−41	+2	−9	0	1.65
27285		05 46 56.25	+75 30 46.0	8.76		H	86.734 391 51	+75.512 777 47		4.99	−4.95	−28.97	0.59	0.77	0.95	0.72	0.92	+1	+0	+3	+11	+3	−1	+3	+10	−4	+9	0	−1.11
27286		05 46 56.31	−31 41 28.4	11.18	3	H	86.734 630 19	−31.691 232 57	*	2.60	−2.13	8.49	1.18	1.63	2.05	1.24	1.65	−14	+30	−48	−20	−14	+28	+5	−48	+27	+3	3	−0.14
27287		05 46 56.71	+20 16 54.6	7.06		H	86.736 300 02	+20.281 846 85		0.59	2.95	−4.89	0.95	0.58	1.01	1.13	0.70	+13	+29	−7	+26	+14	−20	+12	+19	−7	+29	3	0.24
27288		05 46 57.35	−14 49 19.0	3.55		G	86.738 957 28	−14.821 947 17		46.47	−14.84	−1.18	0.51	0.41	0.68	0.63	0.45	−9	+13	−11	+19	−22	−10	−23	+26	−20	−1	0	−0.02
27289		05 46 57.73	+64 45 28.2	8.30		H	86.740 529 18	+64.757 822 39		0.93	4.07	12.25	0.75	0.75	1.10	0.77	0.87	+5	+18	−8	−19	−11	−19	−12	−20	+15	−14	0	−1.07
27290		05 46 58.02	−45 38 51.8	7.41		G	86.741 733 35	−45.647 715 21		11.59	82.36	128.85	0.55	0.53	0.64	0.62	0.55	+3	+8	−3	−4	−9	+36	−9	−10	−8	−12	0	1.30
27291		05 46 58.69	−16 38 46.5	7.27		H	86.744 561 70	−16.646 247 80		5.01	4.99	0.19	0.61	0.55	0.97	0.70	0.61	−14	+30	−17	+15	−34	−2	−37	+15	−30	+11	0	−0.17
27292	H	05 46 59.23	−25 42 24.2	9.17		H	86.746 777 95	−25.706 715 02	A	7.97	5.37	9.59	1.41	1.66	2.20	1.60	1.84	+0	+4	−14	+3	−1	+4	−6	+18	−16	+0	1	0.92
27293		05 47 00.06	+51 31 15.5	6.47		H	86.750 231 53	+51.520 967 39		6.78	−14.08	−39.77	0.76	0.50	0.86	0.99	0.53	+47	+20	+4	+30	+45	−21	+41	+8	+4	+45	0	0.94
*27294		05 47 00.43	−44 48 00.7	7.86		H	86.751 771 63	−44.800 203 89	A	7.96	−7.66	−18.74	1.34	1.32	1.17	1.41	1.36	+11	−14	+12	−20	+5	+18	+5	−4	−21	+15	2	2.29
*27295		05 47 00.41	−29 26 31.1	9.66		H	86.751 697 19	−29.441 961 56		3.76	6.33	7.53	0.89	1.01	1.31	0.97	1.07	+2	+0	+2	−16	−9	+14	−9	−12	−17	−15	1	0.74
27296		05 47 00.54	+34 18 42.6	7.07		H	86.752 253 14	+34.311 828 78		3.07	−4.23	−0.94	0.87	0.56	1.00	0.84	0.51	−19	+49	−34	+17	+31	+3	+10	+56	−23	+8	0	0.80
27297		05 47 02.14	−44 48 09.3	10.51		H	86.758 911 45	−44.802 596 58	B	−1.16	−5.47	−36.24	42.96	40.56	15.59	28.44	26.40	+11	−6	+12	−12	+10	+20	+8	−4	−25	+13	2	2.29
27298		05 47 02.76	+45 45 28.1	8.74		H	86.761 504 41	+45.757 809 49		2.31	15.87	−18.92	1.14	0.81	1.25	1.38	0.93	−21	+34	−20	+41	−6	−9	−6	+51	+5	−23	3	−0.35
27299		05 47 02.89	−14 28 26.8	9.11		G	86.762 021 98	−14.474 107 43		3.00	3.44	4.31	0.91	0.75	1.30	0.95	0.78	−4	+17	−25	+2	−38	+1	−40	+23	−30	−5	0	−0.12
27300		05 47 03.09	+38 05 04.8	9.23		H	86.762 875 59	+38.084 679 56		5.39	−7.51	−15.79	1.32	0.97	1.43	1.66	1.04	−2	+24	−7	+21	+24	−6	+18	+50	−7	−12	0	1.56

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
27201	10.130	0.027	9.403	0.022	*	0.653	0.026	T	0.72	0.02	L *	9.4834	0.0028	0.028	128	*	9.44	9.54			05459−3703	I 1	2 C A	AB	270	0.372	0.030	2.86	0.20	
27202	8.947	0.013	8.354	0.012		0.554	0.013	T	0.63	0.01	L	8.4078	0.0019	0.014	102		8.39	8.43		C			1 G							
27203	8.070	0.015	7.954	0.017	*	0.112	0.022	T	0.13	0.02	L *	7.9831	0.0019	0.013	48	*	7.96	8.00		D	05460+2345	H 1	2 C B	AB	158	0.435	0.041	3.56	0.17	S
27204	4.816	0.002	5.121	0.002		−0.274	0.013	G	−0.30	0.03	C	5.0710	0.0005	0.006	129		5.06	5.08		C			1							S
27205	8.248	0.020	7.849	0.022	*	0.394	0.015	G	0.46	0.02	H *	7.7984	0.0023	0.010	52	*	7.78	7.81		D	05460+2119	I 1	2 C A	AB	60	0.833	0.004	0.51	0.01	S
27206	9.085	0.013	7.552	0.007		1.288	0.012	T	1.25	0.01	L	7.5690	0.0012	0.011	115		7.55	7.59		C			1							S
27207	8.396	0.016	7.417	0.009		0.833	0.011	G	0.88	0.01	H	7.4852	0.0016	0.010	64		7.47	7.50		C	05460+3717	I 1	1							S
27208	9.693	0.017	8.006	0.009		1.409	0.015	T	1.39	0.02	L	8.0029	0.0019	0.013	122		7.98	8.04					1							
27209	9.088	0.011	7.863	0.007		1.047	0.010	T	1.02	0.01	L	7.9248	0.0012	0.011	145		7.90	7.94		C			1							S
27210	9.840	0.028	9.480	0.031		0.341	0.039	T	0.40	0.05	L	9.5266	0.0038	0.025	63		9.49	9.57					1							
27211	9.831	0.027	8.700	0.017		0.973	0.025	T	0.96	0.02	L	8.7652	0.0017	0.017	75		8.74	8.80					1							
27212	7.517	0.008	6.325	0.006	*	1.050	0.015	G	1.02	0.01	I *	6.4032	0.0009	0.007	93	*	6.39	6.42		D	05460−0416	I 1	2 C A	AB	88	6.995	0.007	2.71	0.04	S
27213	9.442	0.015	8.938	0.015		0.474	0.019	T	0.55	0.02	L	8.9923	0.0019	0.020	114		8.95	9.03		C			1							
27214	8.390	0.014	8.089	0.015		0.324	0.015	G	0.38	0.02	H	8.1397	0.0017	0.011	53		8.12	8.15		C			1							
27215	10.361	0.032	9.731	0.029		0.560	0.020	G	0.63	0.02	H	9.8391	0.0030	0.021	107		9.81	9.87		C			1 S							G
27216	8.352	0.009	8.093	0.010		0.247	0.013	T	0.28	0.02	L	8.1259	0.0018	0.015	108		8.10	8.14			05461−6743	I 1	1							S
27217	9.007	0.017	8.975	0.022		0.034	0.026	T	0.05	0.02	L	8.9930	0.0019	0.016	71		8.96	9.02		C			1							
27218	8.178	0.013	7.694	0.012	A	0.403	0.043	G	0.51	0.03	L *	7.7119	0.0012	0.009	56	*	7.69	7.73		D	05461+1852	I 1	2 C A	AB	20	4.179	0.018	3.13	0.09	S
27219	9.719	0.018	9.163	0.017		0.521	0.022	T	0.59	0.02	L	9.2391	0.0020	0.019	113		9.20	9.28		C			1							
27220	10.167	0.020	9.044	0.013		0.967	0.019	T	0.95	0.01	L	9.1207	0.0020	0.024	162		9.07	9.18					1							
27221	11.190	0.053	9.179	0.016		1.703	0.046	T	2.30	0.08	O	9.0120	0.0037	0.038	121		8.94	9.10		U 2			1							
27222	9.747	0.034	8.329	0.019		1.198	0.031	T	1.16	0.03	L	8.3578	0.0026	0.019	49		8.33	8.38					1							
27223	8.420	0.007	8.071	0.007	*	0.360	0.015	G	0.42	0.02	H *	8.1184	0.0012	0.016	208	*	8.09	8.14			05462+7156	H 1	2 C B	AB	321	0.230	0.037	2.76	0.44	S
27224	8.116	0.009	7.992	0.010		0.140	0.015	G	0.15	0.01	H	8.0103	0.0019	0.012	74		7.99	8.03		C			1							S
27225	9.134	0.012	8.280	0.009		0.722	0.015	G	0.77	0.01	H	8.3415	0.0018	0.018	152		8.31	8.38					1							S
27226	9.513	0.022	9.464	0.029		0.050	0.034	T	0.06	0.03	L	9.5134	0.0021	0.012	61		9.49	9.54		D			1							
27227	8.713	0.010	6.825	0.005		1.568	0.009	T	1.59	0.01	L	6.7759	0.0013	0.011	123		6.75	6.80		M			1							S
27228	9.217	0.021	8.019	0.013		1.000	0.015	G	0.98	0.01	H	8.0861	0.0019	0.012	62		8.06	8.11		C			1							S
27229	8.470	0.008	6.800	0.005		1.422	0.008	T	2.96	0.02	O	6.4504	0.0046	0.057	225		6.39	6.56		U 2			1 S							S
27230	9.246	0.013	8.050	0.009		1.024	0.012	T	1.00	0.01	L	8.1224	0.0011	0.014	140		8.10	8.15					1							S
27231						1.150	0.015	G	1.25	0.03	I	11.4950	0.0049	0.056	154		11.34	11.58		U			1 S							G
27232	10.245	0.023	8.645	0.011		1.341	0.020	T	1.31	0.02	L	8.6602	0.0018	0.017	127		8.63	8.69		C			1							
27233	9.319	0.018	8.851	0.017		0.454	0.019	T	0.52	0.02	L	8.8996	0.0015	0.013	84		8.88	8.92		C			1							
27234	11.028	0.057	10.409	0.052		0.548	0.012	G	0.62	0.01	H	10.5606	0.0038	0.024	80		10.52	10.60		C			1							G
27235	9.783	0.019	9.219	0.018		0.532	0.019	T	0.60	0.02	L	9.3275	0.0027	0.027	135		9.27	9.37					1							
27236	11.462	0.123	10.497	0.083		0.848	0.110	T	0.86	0.08	L	10.5111	0.0035	0.024	62		10.47	10.55		C			1							G
27237	9.861	0.021	8.583	0.013		1.088	0.019	T	1.05	0.02	L	8.6597	0.0017	0.015	106		8.64	8.69					1							
27238	8.449	0.012	8.096	0.012		0.342	0.015	G	0.40	0.02	H	8.1426	0.0015	0.010	83		8.11	8.16		C			1							S
27239	8.093	0.013	7.993	0.012		0.097	0.017	T	0.11	0.02	L	8.0151	0.0013	0.012	60		8.00	8.03		D	05464+4754	I 1	1							S
27240	9.463	0.010	8.873	0.009		0.551	0.012	T	0.62	0.01	L	8.9301	0.0015	0.020	264		8.90	8.96					1							
27241	8.423	0.012	8.184	0.013		0.228	0.017	T	0.25	0.02	L	8.2238	0.0014	0.010	77		8.21	8.25		C			1							S
27242	11.159	0.078	10.580	0.073		0.583	0.072	G	0.65	0.07	R	10.5131	0.0055	0.029	59		10.45	10.55					1							G
27243	6.629	0.003	5.412	0.003		1.040	0.003	T	1.01	0.00	L	5.4772	0.0004	0.004	116		5.47	5.49			05465−4636	I 1	1							S
27244	7.335	0.007	6.695	0.005		0.594	0.009	G	0.66	0.01	H	6.7512	0.0006	0.006	96		6.74	6.76		C			1							S
27245	10.886	0.048	9.290	0.021		1.337	0.041	T	1.30	0.05	L	9.2909	0.0022	0.019	103		9.25	9.32		C			1							
27246	8.203	0.007	7.411	0.005		0.702	0.007	T	0.76	0.01	L	7.4634	0.0010	0.012	178		7.44	7.48		C			1 G							S
27247	8.374	0.012	7.966	0.014		0.397	0.003	G	0.46	0.00	H	8.0105	0.0017	0.012	64		7.99	8.04		C			1							S
27248	8.652	0.014	8.498	0.017		0.140	0.021	T	0.15	0.02	L	8.5601	0.0025	0.013	69		8.54	8.58		C			1							
27249	6.122	0.004	5.947	0.004		0.164	0.004	G	0.18	0.00	H	5.9824	0.0014	0.012	118		5.96	6.00		U 2			1							S
27250	7.881	0.008	7.991	0.011		−0.071	0.003	G	−0.05	0.00	H	7.9693	0.0013	0.012	106		7.95	7.99		C			1							S
27251	9.509	0.024	8.875	0.022		0.589	0.028	T	0.66	0.03	L	8.9286	0.0009	0.013	58		8.90	8.95		D			1							
27252						1.534	0.010	G	1.58	0.02	H	11.5365	0.0055	0.044	91		11.47	11.64					1							G
27253	6.894	0.007	6.017	0.005		0.773	0.001	G	0.73	0.04	E	6.0802	0.0006	0.006	68		6.07	6.09					1 G							S
27254	9.301	0.016	9.130	0.019		0.164	0.023	T	0.18	0.02	L	9.1912	0.0016	0.015	86		9.17	9.22		C			1							
27255	11.106	0.084	9.474	0.034		1.366	0.071	T	1.33	0.09	L	9.3742	0.0024	0.022	129		9.34	9.42					1							
27256	8.733	0.009	8.231	0.008	*	0.483	0.009	T	0.55	0.01	L *	8.2261	0.0015	0.015	157	*	8.20	8.25		D	05467−2101	I 1	2 C A	AB	241	0.648	0.003	1.12	0.01	S
27257	9.203	0.018	7.548	0.009		1.384	0.016	T	1.36	0.02	L	7.5454	0.0010	0.010	75		7.53	7.56		C			1							S
27258	8.221	0.011	8.256	0.014	*	−0.027	0.016	T	−0.01	0.02	L *	8.2701	0.0018	0.014	68	*	8.25	8.29		D	05467+0214	H 1	2 C A	AB	338	0.606	0.026	3.34	0.09	
27259	6.954	0.004	6.845	0.004		0.086	0.002	G	0.10	0.00	H	6.8740	0.0011	0.009	136		6.86	6.89					1							S
27260	9.312	0.013	8.670	0.011		0.590	0.013	T	0.66	0.01	L	8.7340	0.0018	0.023	140		8.70	8.77		C			1							
27261	8.077	0.010	7.837	0.011		0.229	0.014	T	0.25	0.02	L	7.8829	0.0012	0.011	73		7.86	7.90		C			1							S
27262											T	9.4529	0.0576	0.408	75		8.49	10.32		D	05467+1103	I 2	S							G
27263	8.805	0.016	7.728	0.011		0.717	0.126	G	0.90	0.03	L	7.7609	0.0016	0.012	76		7.74	7.78		D	05467+1103	I 2	1 S							S
27264	11.897	0.101	9.938	0.026		1.625	0.083	T	1.65	0.09	L	9.9018	0.0024	0.034	146		9.84	9.97		R			1							
27265	5.901	0.003	5.984	0.004		−0.061	0.010	G	−0.04	0.01	H	5.9859	0.0005	0.004	116		5.98	5.99		C			1							S
27266	8.055	0.010	7.657	0.009		0.377	0.012	T	0.44	0.01	L	7.7140	0.0015	0.008	49		7.70	7.73					1 G							S
27267	9.316	0.023	7.766	0.012		1.301	0.020	T	1.26	0.02	L	7.8298	0.0014	0.010	65		7.81	7.85		C			1							S
27268	11.515	0.111	10.259	0.054		1.071	0.096	T	1.04	0.08	L	10.4277	0.0041	0.034	76		10.36	10.48		C			1 X							G
27269	9.794	0.035	8.596	0.022	A	1.025	0.032	T	1.00	0.03	L	8.6642	0.0116	0.078	58	A	8.39	8.72		D	05468−0316	I 2	1 C P C							
27270	9.314	0.019	8.946	0.020		0.349	0.026	T	0.41	0.04	L	9.0259	0.0037	0.020	70		9.00	9.05					1							
27271	8.629	0.015	8.435	0.017		0.178	0.022	T	0.20	0.03	L	8.4635	0.0013	0.013	115		8.44	8.49		C			1							S
27272	9.845	0.021	9.325	0.020		0.498	0.022	T	0.57	0.02	L	9.4068	0.0017	0.017	109		9.38	9.44		C			1							
27273	9.297	0.023	8.824	0.022	B	0.446	0.029	T	0.52	0.03	L	8.9460	0.0132			B				D	05468−0316	I 2	1 C I C							
27275	8.573	0.012	8.118	0.012		0.443	0.013	T	0.51	0.01	L	8.1673	0.0015	0.013	111		8.15	8.19		C			1							S
27276	9.008	0.016	7.789	0.011		1.042	0.015	T	1.01	0.01	L	7.8416	0.0016	0.011	77		7.82	7.86		C			1							
27277	10.483	0.032	9.047	0.016		1.212	0.028	T	1.17	0.03	L	9.0869	0.0013	0.016	116		9.05	9.12		C			1							
27278	7.500	0.009	7.463	0.011		0.025	0.005	G	0.04	0.00	H	7.4843	0.0013	0.011	66		7.47	7.50					1							S
27279	8.683	0.011	8.462	0.012		0.205	0.016	T	0.23	0.02	L	8.4969	0.0016	0.017	121		8.46	8.53					1							S
27280	6.915	0.005	5.880	0.004		0.888	0.016	G	0.87	0.04	E	5.9385	0.0007	0.005	76		5.93	5.95		C	05469+0931	I 1	1							S
27281	8.184	0.008	7.598	0.007		0.553	0.015	G	0.63	0.01	H	7.6588	0.0012	0.015	140		7.63	7.68					1							S
27282	10.330	0.027	8.790	0.013		1.293	0.024	T	1.25	0.03	L	8.7774	0.0021	0.017	121		8.75	8.80		C			1							
27283	6.971	0.004	6.816	0.004		0.141	0.005	T	0.16	0.01	L	6.8460	0.0009	0.010	137		6.83	6.86		C			1							S
27284	9.107	0.018	8.700	0.018		0.376	0.015	G	0.44	0.02	H	8.7990	0.0019	0.015	66		8.77	8.82		C			1							
27285	9.326	0.014	8.797	0.013		0.496	0.017	T	0.57	0.02	L	8.8699	0.0016	0.019	160		8.84	8.91		C			1							
27286						1.500	0.510	G	4.62	0.96	Q	10.2993	0.2202	1.255	110		8.78	11.97	327.60	P 1 B			1 V							D P
27287	8.830	0.017	7.194	0.009		1.369	0.015	T	1.34	0.02	L	7.2084	0.0011	0.007	50		7.19	7.23		C			1							S
27288	3.686	0.002	3.557	0.002		0.104	0.003	G	0.11	0.02	A	3.5778	0.0005	0.004	117		3.57	3.58					1							S
27289	9.710	0.019	8.424	0.012		1.094	0.018	T	1.06	0.02	L	8.4679	0.0017	0.016	123		8.44	8.49		C			1							S
27290	8.017	0.007	7.475	0.007		0.496	0.005	G	0.56	0.02	A	7.5237	0.0015	0.010	107		7.51	7.54		C			1							S
27291	9.051	0.012	7.415	0.006		1.369	0.011	T	1.34	0.01	L	7.4209	0.0013	0.011	118		7.41	7.44					1							S
27292	9.775	0.016	9.355	0.017	*	0.410	0.019	T	0.48	0.02	L *	9.2645	0.0019	0.028	169	*	9.22	9.31		D	05470−2542	I 1	2 C A	AB	263	0.933	0.007	1.54	0.04	
27293	7.595	0.005	6.563	0.003		0.898	0.004	T	0.90	0.00	L	6.6242	0.0006	0.005	149		6.61	6.63		C			1							S
27294	8.068	0.009	7.877	0.010	A	0.183	0.012	T	0.20	0.01	L	7.9268	0.0124	0.028	107	A	7.87	7.96		D	05470−4448	I 2	1 C P A							S
27295	11.095	0.046	9.800	0.024		1.101	0.041	T	1.06	0.04	L	9.8263	0.0033	0.034	142		9.78	9.89					1							
27296	7.005	0.005	7.065	0.006		−0.050	0.007	T	−0.03	0.01	L	7.0621	0.0008	0.006	87		7.05	7.07		C			1							S
27297	10.779	0.046	10.066	0.039	B	0.656	0.049	T	0.72	0.04	L	10.6273	0.1200			B				D	05470−4448	I 2	1 C I A							
27298	8.996	0.017	8.781	0.019		0.199	0.025	T	0.22	0.03	L	8.8071	0.0022	0.019	66		8.78	8.84		C			1							S
27299	9.114	0.016	9.115	0.021		−0.022	0.003	G	0.00	0.00	H	9.1045	0.0021	0.023	101		9.07	9.14					1							
27300	9.405	0.026	9.267	0.032		0.133	0.039	T	0.15	0.04	L	9.2745	0.0025	0.016	58		9.23	9.30		C			1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
27301		05 47 03.39	+17 43 50.2	9.71		H	86.764 121 70	+17.730 604 06		2.66	14.22	−26.41	2.04	1.38	2.01	2.69	1.50	+14	+31	−5	−38	−29	+2	−21	−68	+9	+10	0	−0.61
27302		05 47 03.40	+07 35 04.4	7.85		H	86.764 168 79	+07.584 568 09		5.39	−9.94	2.33	0.86	0.56	1.03	0.99	0.64	−1	+46	−27	−3	+11	−29	+6	−12	+5	+15	2	−0.26
*27303		05 47 04.58	−28 38 20.2	6.22	1	H	86.769 087 19	−28.638 938 60		5.40	−5.31	10.32	0.42	0.46	0.61	0.53	0.54	−4	+2	−14	−16	−7	+19	−3	−6	−1	−12	0	0.80
*27304		05 47 04.58	−64 45 44.6	8.76		H	86.769 083 84	−64.762 398 97		5.90	−2.89	−40.05	0.73	0.74	0.78	0.76	0.81	−14	+27	−22	−23	+2	+5	+6	−21	+9	−22	0	3.38
27305		05 47 06.26	−10 37 48.6	7.98		H	86.776 103 85	−10.630 178 04		17.14	3.63	−22.00	0.79	0.61	0.97	0.80	0.60	+20	+12	−23	−7	−39	+10	−36	+12	−16	+10	0	1.77
27306		05 47 07.18	+09 32 06.9	8.98		H	86.779 927 68	+09.535 244 97		2.82	−8.32	−2.49	1.30	0.82	1.42	1.64	1.01	−30	+39	−18	−19	+17	+13	+19	−44	+9	−39	0	0.69
27307		05 47 07.71	−18 10 08.3	8.09		G	86.782 137 26	−18.168 967 96		3.51	−11.24	0.80	0.73	0.60	0.93	0.86	0.68	−8	+28	−6	+40	−26	−6	−23	+15	−18	+12	2	1.53
27308		05 47 07.81	−16 14 17.0	6.18		H	86.782 543 05	−16.238 055 09		4.91	−9.13	−9.69	0.51	0.44	0.75	0.60	0.51	−10	+19	−9	+11	−25	−9	−30	+23	−24	+9	0	0.33
27309	H	05 47 07.91	+00 17 56.2	9.70	3	H	86.782 970 87	+00.298 950 46	A	5.70	−4.72	2.42	5.90	5.06	4.95	6.18	4.87	−3	+10	+6	−11	−31	−42	−13	−50	−14	+48	6	1.92
27310		05 47 07.96	+15 27 48.7	8.98		H	86.783 186 92	+15.463 518 09		7.43	14.11	−18.04	1.22	0.81	1.30	1.51	0.88	−12	+28	−9	−36	+2	+13	+3	−70	+7	−24	0	−1.82
27311		05 47 09.24	−43 07 15.3	9.40		H	86.788 505 79	−43.120 903 22		12.28	21.08	26.92	0.75	0.84	0.92	0.79	0.95	−3	+14	+1	−5	−8	−3	−8	−8	+0	−15	0	0.24
27312		05 47 09.90	+29 25 50.6	7.89		H	86.791 250 95	+29.430 717 77		1.62	1.92	−4.45	1.12	0.84	1.34	1.61	1.08	+9	+30	−52	+27	+38	−16	+29	+33	−15	+65	0	0.38
27313		05 47 10.25	+43 28 50.8	8.57		H	86.792 719 64	+43.480 780 52		2.27	7.37	−18.43	1.11	0.78	1.29	1.23	0.80	−3	+42	−33	+29	+18	+12	+16	+36	−4	+37	2	−0.50
27314		05 47 10.28	+58 47 07.8	6.56		H	86.792 852 31	+58.785 513 31		5.08	16.62	5.90	0.64	0.53	0.76	0.71	0.52	+15	+20	−14	−27	−15	−1	−11	−52	+9	+28	0	1.23
27315		05 47 11.64	+12 20 22.5	7.14		H	86.798 501 63	+12.339 595 92		4.94	10.85	−21.94	0.98	0.61	1.07	1.08	0.68	−26	+42	−23	−34	+15	+9	+20	−55	+11	−19	0	0.29
27316	H	05 47 13.15	+14 29 18.3	5.72		H	86.804 789 79	+14.488 424 52	*	7.72	3.84	−42.30	0.79	0.52	0.93	0.88	0.55	+7	+33	−22	−6	−22	+13	−17	−52	+17	+2	0	1.12
27317		05 47 13.33	−54 21 38.6	6.19		H	86.805 521 01	−54.360 731 63		2.67	5.50	1.33	0.48	0.45	0.50	0.52	0.56	−4	−1	−9	+20	−5	+15	−4	+9	−5	−10	0	0.05
27318		05 47 14.00	−12 48 16.9	7.48	2	H	86.808 324 49	−12.804 698 93		3.36	−2.14	7.25	0.74	0.62	0.92	0.73	0.67	+12	+22	−11	+5	−34	−9	−39	+17	−16	+9	0	1.77
27319		05 47 14.68	+42 31 37.1	6.30		H	86.811 165 96	+42.526 958 78		4.53	6.93	−86.59	0.70	0.50	0.85	0.76	0.52	−4	+30	−13	+21	+25	+14	+18	+28	−17	+1	0	−1.31
27320		05 47 15.01	+22 31 44.5	7.66		H	86.812 537 91	+22.529 032 80		3.36	−21.10	−19.05	1.06	0.67	1.21	1.29	0.86	+10	+40	−23	+13	+7	+23	+15	+1	+3	+52	0	1.17
27321		05 47 17.08	−51 04 00.2	3.85		G	86.821 180 54	−51.066 713 29		51.87	4.65	81.96	0.45	0.46	0.51	0.53	0.61	−8	+4	−5	−4	+7	−9	+6	+0	−21	+1	0	0.22
27322		05 47 17.43	+58 58 31.4	7.66		G	86.822 606 28	+58.975 384 46		9.02	20.14	−64.28	0.74	0.64	0.90	0.84	0.61	+17	+11	−14	−27	−10	+0	−8	−50	+7	+26	0	0.77
27323		05 47 18.19	−48 31 27.7	9.74		G	86.825 804 89	−48.524 356 07		48.20	25.21	−320.99	0.93	0.98	1.06	1.14	1.19	−13	+22	−15	+5	−7	+5	−10	−11	−12	−20	0	0.54
27324		05 47 18.36	+02 04 02.7	9.22		G	86.826 480 24	+02.067 414 43		5.58	−18.67	−10.72	1.51	1.18	1.61	1.91	1.38	−31	+34	−27	−39	+23	−8	+24	−61	+14	−28	0	−0.06
27325		05 47 18.69	−35 40 27.2	6.29		H	86.827 872 87	−35.674 220 33		6.38	−3.71	59.87	0.47	0.47	0.61	0.54	0.52	+0	+9	−15	−8	−18	+28	−12	−11	+13	−8	1	−0.46
27326		05 47 19.68	+50 05 18.2	7.18		H	86.832 016 38	+50.088 384 20		1.84	15.18	−16.36	0.80	0.51	0.93	0.97	0.55	+44	+28	−3	+36	+42	−11	+41	+15	+16	+44	0	−1.30
27327		05 47 19.83	+38 59 31.8	8.85		G	86.832 638 74	+38.992 163 37		2.91	−1.12	−19.05	1.20	0.91	1.30	1.45	1.05	−7	+36	+5	+34	−11	−8	−3	+61	+10	−28	2	2.83
27328		05 47 20.38	−51 43 10.7	9.35		H	86.834 936 64	−51.719 643 81		4.02	14.14	6.91	0.83	0.83	0.88	0.96	1.03	−2	−4	−7	+35	−3	+4	+0	+4	−16	+1	0	−0.37
27329		05 47 21.77	−40 19 17.0	8.52		H	86.840 715 72	−40.321 387 27		1.76	0.77	11.42	0.63	0.72	0.81	0.66	0.89	−5	−4	−9	−4	+5	+5	+6	+13	−20	−1	0	−1.30
27330		05 47 21.89	−27 08 04.0	7.16		H	86.841 203 22	−27.134 441 53		17.07	35.62	−19.12	0.44	0.53	0.72	0.54	0.64	−6	+7	−17	+0	−6	+1	−6	−6	−6	−4	0	−0.60
27331		05 47 22.19	−38 13 51.3	7.60		G	86.842 474 90	−38.230 909 28		5.17	0.24	−7.37	0.52	0.55	0.65	0.58	0.62	+1	−5	−10	+4	−17	+26	−16	+0	+5	−2	0	−1.05
27332		05 47 22.67	+08 32 54.2	8.19		H	86.844 472 51	+08.548 394 56		3.44	−2.18	−3.30	0.98	0.65	1.14	1.06	0.74	+9	+44	−28	−7	−21	+3	−7	−39	+22	+29	0	−0.27
27333		05 47 22.79	−05 29 19.4	9.09		H	86.844 953 03	−05.488 731 77		6.73	8.57	−11.47	0.90	0.72	1.16	1.07	0.83	+30	+22	−2	−6	−13	−2	−17	+13	−19	+36	0	0.01
27334		05 47 23.87	+36 39 23.8	9.08		H	86.849 474 03	+36.656 607 04		1.71	1.82	−7.77	1.16	0.81	1.24	1.38	0.83	+13	+33	−5	+25	+30	−9	+27	+56	+3	+11	0	0.73
27335		05 47 24.55	−53 59 47.9	8.46		H	86.852 304 62	−53.996 628 96		2.20	−8.24	14.05	0.68	0.64	0.72	0.80	0.82	−3	−15	−4	+18	−8	+18	−6	+7	−7	−1	0	1.50
27336	H	05 47 24.85	+29 39 28.3	7.21		G	86.853 525 75	+29.657 864 75	A	12.21	−10.58	−124.13	1.98	1.46	1.88	2.22	1.44	−9	+20	−24	+23	+27	+4	+28	+27	−2	+56	2	0.52
27337		05 47 25.18	+70 48 37.3	7.97		H	86.854 905 98	+70.810 365 80		7.16	6.73	−41.03	0.38	0.56	0.80	0.40	0.63	+0	+12	−12	+14	+12	+2	+14	+3	−4	+14	1	0.02
27338		05 47 26.20	+17 43 44.9	5.47		H	86.859 155 86	+17.729 152 70		2.57	−2.05	−4.79	0.87	0.46	0.95	0.85	0.48	+6	+53	−10	−13	−24	−15	−20	−38	+1	+10	0	−0.61
27339		05 47 26.44	−37 45 50.1	9.06		H	86.860 185 50	−37.763 908 19		12.85	13.92	−19.13	0.72	0.75	0.89	0.80	0.94	−2	+15	−2	+13	−10	+11	−12	+5	−7	−5	0	2.34
27340		05 47 26.83	−36 29 14.2	7.12		H	86.861 778 55	−36.487 272 24		4.31	−3.21	−24.59	0.50	0.51	0.62	0.57	0.59	−2	+7	−3	+16	−12	+12	−13	+0	+3	−13	0	0.93
27341	H	05 47 26.90	−10 31 58.5	6.04	2	H	86.862 073 74	−10.532 916 73	*	4.99	−11.46	−16.97	1.49	2.09	1.04	0.97	0.70	+19	+29	+10	−11	−26	−2	−42	−13	−20	+27	13	1.96
27342		05 47 27.40	−15 15 08.0	7.27		G	86.864 169 95	−15.252 233 06		4.81	−6.53	6.69	0.57	0.51	0.78	0.72	0.56	−25	+16	+1	+24	−38	−9	−38	+38	−12	−8	0	−0.10
27343		05 47 29.36	+22 55 21.0	7.55		H	86.872 347 48	+22.922 491 31		2.36	−3.32	−3.27	1.02	0.70	1.11	1.34	0.89	+5	+16	−16	+12	+28	+12	+26	+22	−11	+23	0	1.13
27344		05 47 29.49	−41 35 24.7	6.78	2	H	86.872 860 85	−41.590 183 13		3.33	−6.47	−11.41	0.50	0.47	0.56	0.50	0.52	−4	+12	+1	+3	−9	+9	−11	+10	−12	−8	0	0.43
27345		05 47 29.96	+04 06 00.7	7.65		H	86.874 852 59	+04.100 200 53		5.87	−5.12	−4.53	1.35	0.84	1.13	1.56	0.92	+24	+19	−23	−66	−35	+6	−30	−64	+17	+35	0	−0.43
27346		05 47 32.26	+63 35 55.7	6.49		H	86.884 396 82	+63.598 800 15		6.77	−11.23	19.70	0.54	0.49	0.73	0.61	0.54	−6	+22	+4	−20	+11	−13	+12	−25	+2	−9	0	2.74
27347		05 47 32.54	+15 42 53.2	8.30		H	86.885 595 24	+15.714 773 46		9.59	3.86	−150.22	1.07	0.65	1.13	1.21	0.69	−5	+35	−6	−36	−6	+7	−4	−64	+4	−12	0	−1.52
27348		05 47 33.54	+02 54 24.3	7.62		H	86.889 769 93	+02.906 757 77		0.51	−0.90	−1.66	0.93	0.71	1.03	1.00	0.81	−5	+28	−10	−20	+5	−9	+6	−39	−8	+14	0	0.75
27349		05 47 33.60	−55 02 11.9	8.36		H	86.889 985 70	−55.036 643 39		3.63	−5.15	20.78	0.65	0.62	0.69	0.72	0.88	+0	−2	−8	+2	−3	+10	−3	−5	−15	−5	0	−1.08
27350	H	05 47 34.01	+57 48 07.2	9.12		G	86.891 723 68	+57.801 987 07	A	3.40	11.08	−25.20	1.92	1.84	1.86	1.91	1.44	−30	+11	+11	−55	+29	+11	+27	−65	−8	−32	0	1.40
27351		05 47 34.23	−70 59 20.3	8.94		H	86.892 613 94	−70.988 978 01		8.68	10.18	24.23	0.70	0.60	0.76	0.79	0.89	−24	+9	−3	+14	+4	+4	+0	−45	−13	−27	0	−0.84
27352		05 47 34.24	+03 38 24.2	8.98		G	86.892 676 62	+03.640 061 76		4.98	8.43	−3.88	1.59	1.09	1.46	1.78	1.21	−29	+24	−8	−58	+27	−4	+25	−64	−8	−10	5	−1.45
27353		05 47 34.66	+25 34 07.1	6.48		H	86.894 434 23	+25.568 640 35		3.27	1.84	−7.11	0.85	0.58	0.91	1.07	0.76	+26	+29	−21	+10	+22	+6	+19	+18	−6	+60	0	−0.90
27354		05 47 36.80	+41 06 02.3	9.59		H	86.903 340 26	+41.100 642 50		0.51	−7.94	−6.37	1.23	0.96	1.57	2.04	1.31	−15	+13	−33	+9	+2	+26	+12	+12	+7	−23	0	−1.32
27355		05 47 37.14	+54 29 40.9	6.58		H	86.904 764 97	+54.494 693 02		5.77	−10.72	−11.59	0.73	0.51	0.78	0.93	0.58	+37	+23	+5	+24	+33	+4	+32	+10	+0	+57	0	−0.07
27356		05 47 37.85	−56 48 59.0	8.68		H	86.907 697 48	−56.816 382 81		2.48	−1.57	1.62	0.69	0.79	0.77	0.78	0.98	+0	−2	−13	−9	−13	−11	−17	−9	−4	+9	1	2.52
27357		05 47 38.37	−37 59 39.4	8.50		H	86.909 886 97	−37.994 276 99		3.74	4.25	0.79	0.57	0.66	0.74	0.59	0.71	+0	−3	−12	−5	−12	+16	−10	+2	−2	−3	0	0.25
27358		05 47 39.55	+03 08 22.6	9.41		H	86.914 807 63	+03.139 619 10		4.83	2.85	8.18	1.47	1.09	1.54	1.52	1.20	−17	+39	−12	−41	+10	−12	+12	−62	−1	+4	0	−0.09
*27359		05 47 40.02	−36 19 41.8	10.72		G	86.916 761 94	−36.328 266 14		66.71	769.53	−123.16	1.13	1.27	1.49	1.47	1.57	−5	+2	+1	+11	−6	+1	−6	−2	+14	−14	3	−1.07
*27360		05 47 39.84	+04 51 09.4	7.86		H	86.916 001 75	+04.852 619 35		2.15	11.54	−11.90	0.99	0.77	1.13	1.19	0.85	+21	+13	−41	−36	−36	+19	−25	−54	+29	+45	0	−0.74
27361		05 47 41.63	+35 33 24.7	9.19		H	86.923 475 14	+35.556 856 39		10.49	4.45	−10.24	1.40	1.04	1.57	1.62	1.05	−12	+35	−30	+39	+8	−11	+1	+72	−13	−14	0	0.34
27362		05 47 41.81	+05 53 01.6	8.49		H	86.924 224 71	+05.883 770 23		0.79	1.29	−3.55	0.98	0.82	1.26	1.20	0.91	+4	+20	−51	−27	−38	+25	−18	−53	+38	+40	0	0.44
27363		05 47 42.73	−07 22 37.6	8.87		H	86.928 032 84	−07.377 115 19		2.64	−1.16	1.96	0.93	0.70	1.41	1.02	0.69	+26	−4	−21	−15	−39	−4	−33	+27	−37	+28	0	1.48
27364		05 47 42.90	+13 53 58.7	5.28		H	86.928 770 17	+13.899 631 75		4.08	3.52	−13.27	0.80	0.54	0.86	0.85	0.57	+24	+34	−8	−23	−22	+6	−21	−52	+6	+16	0	0.38
27365		05 47 43.65	−36 40 17.9	8.29		H	86.931 857 64	−36.671 640 38		7.13	59.72	−48.24	0.57	0.66	0.74	0.62	0.76	−8	+3	−3	+14	−7	+3	−8	+8	+6	−14	2	1.98
27366		05 47 45.39	−09 40 10.6	2.07	1	G	86.939 116 41	−09.669 601 86		4.52	1.55	−1.20	0.67	0.52	0.77	0.67	0.50	+37	+2	−16	−30	−54	+20	−50	−13	−5	+27	3	1.54
27367		05 47 46.02	−50 02 37.5	9.03		H	86.941 753 72	−50.043 762 58		2.10	−1.13	4.55	0.82	0.79	0.88	1.08	0.97	−3	+8	−2	−12	−7	−8	−7	−12	−16	−24	0	−0.82
27368		05 47 46.79	−06 26 06.0	7.70		H	86.944 942 39	−06.434 987 29		5.06	−6.60	6.33	0.78	0.51	1.10	0.75	0.55	+28	+41	−1	−10	−27	+0	−39	+23	−45	+29	0	1.97
27369		05 47 48.15	−72 42 08.3	6.54		H	86.950 612 73	−72.702 309 62		8.45	−6.80	24.48	0.53	0.47	0.58	0.54	0.65	−7	+13	+2	−8	−11	+20	−17	−37	−14	−7	0	−0.74
*27370		05 47 49.58	+61 54 59.4	10.48		H	86.956 599 82	+61.916 495 21		0.98	4.65	−5.07	1.34	1.34	1.97	1.71	1.48	+0	+18	−9	−2	+1	−17	+3	−41	+15	+3	2	0.27
*27371		05 47 49.54	−40 03 50.7	8.80		H	86.956 396 47	−40.064 092 72		22.00	−8.50	113.31	0.62	0.72	0.79	0.71	0.91	+1	+19	+6	−9	+2	−7	−1	−12	−19	−0	0	−1.38
27372		05 47 49.99	+46 59 01.2	8.20		H	86.958 291 54	+46.983 674 90		13.60	−118.97	−93.64	1.09	0.75	1.32	1.04	0.70	+2	+49	−36	+40	+28	+5	+19	+43	−16	+37	0	0.57
27373		05 47 51.65	+13 26 45.0	8.73		H	86.965 187 81	+13.445 837 50		6.41	−3.19	1.85	1.38	1.06	1.30	1.56	1.13	+47	+29	−16	−48	−55	+7	−49	−77	+15	+47	2	−0.55
27374		05 47 52.77	+17 47 48.2	8.64		H	86.969 895 39	+17.796 717 91		1.05	5.36	−7.42	1.31	0.83	1.36	1.52	0.85	+23	+35	−10	−29	−34	+10	−32	−67	+3	+15	0	−1.46
*27375		05 47 53.40	+70 31 44.0	9.05		H	86.972 501 28	+70.528 901 14		6.05	−4.43	0.60	0.51	0.78	1.13	0.50	0.88	−5	+15	−8	+6	+16	−6	+17	+3	−9	+13	1	1.44
*27376		05 47 53.30	+28 47 22.2	9.01		G	86.972 078 52	+28.789 500 93		0.00	−0.04	−5.85	1.30	0.88	1.40	1.68	1.21	+3	+40	−28	+16	+21	−10	+17	+12	−5	+29	6	3.42
27377	H	05 47 54.90	+07 57 37.5	7.63		G	86.978 743 48	+07.960 418 06	A	9.68	−37.20	−7.06	1.83	1.22	1.81	1.93	1.25	+28	+30	−6	−20	−26	−11	−28	−56	−4	+28	0	0.65
27378		05 47 56.13	+24 41 12.7	6.77		G	86.983 892 65	+24.686 848 46		1.62	−2.00	−5.46	0.97	0.63	1.13	1.13	0.81	+16	+44	−28	+2	+13	+12	+9	+5	−8	+70	0	2.29
27379		05 47 56.25	−22 42 18.9	8.89		H	86.984 360 92	−22.705 247 22		2.38	22.79	−36.61	0.59	0.77	1.14	0.68	0.86	−10	+21	−19	+29	−15	+11	−11	+2	+13	−12	0	−0.08
27380		05 47 56.32	+35 09 33.4	6.55		H	86.984 672 13	+35.159 279 99		2.04	−4.55	−1.91	0.85	0.62	0.96	0.96	0.64	−13	+46	−24	+34	+1	+3	+0	+71	−10	−21	0	1.94
27381		05 47 56.35	+24 28 13.4	9.30		H	86.984 804 67	+24.470 389 32		3.79	−14.75	−1.95	1.57	0.98	1.75	1.73	1.25	+4	+52	−24	+14	+25	−1	+13	+22	−15	+58	0	0.57
27382		05 47 57.78	+24 39 41.6	7.57		H	86.990 752 82	+24.661 542 03		−0.03	3.10	−3.32	1.07	0.70	1.27	1.28	0.91	+9	+40	−31	+3	+10	+16	+12	+3	−2	+70	0	1.37
27383		05 47 58.08	−40 39 10.8	6.62		H	86.991 988 88	−40.653 011 01		3.40	3.29	14.96	0.48	0.49	0.58	0.51	0.59	−3	+9	−5	+2	−5	+13	−5	+2	−4	−4	0	0.11
27384		05 47 59.21	−08 19 39.1	8.26		H	86.996 705 28	−08.327 516 45		10.06	−57.74	−75.43	1.38	1.05	1.74	1.54	1.02	+18	+3	−8	−13	−42	+17	−36	+12	−12	+5	0	
27385		05 47 59.46	+03 58 06.7	9.12		H	86.997 747 11	+03.968 538 79		6.36	−0.58	−14.60	1.79	1.16	1.66	1.98	1.27	+3	+37	−19	−54	−12	−4	−9	−65	+8	+12	0	1.22
27386	H	05 48 00.23	+06 27 15.2	5.26		G	87.000 966 00	+06.454 210 20	A	6.80	4.05	−22.20	1.62	1.05	1.38	1.38	0.97	+30	+39	−23	−40	−34	+1	−27	−50	+7	+33	2	1.21
27387		05 48 00.91	−34 28 12.7	7.72		H	87.003 783 90	−34.470 203 36		4.22	27.17	5.97	0.49	0.55	0.65	0.58	0.63	−8	+17	−15	+4	−12	+10	−10	+12	−4	−10	0	2.08
27388		05 48 01.40	+22 30 38.9	9.67		H	87.005 840 02	+22.510 807 56		2.46	−4.07	−10.31	1.85	1.06	2.09	2.00	1.36	−13	+60	−31	+6	+16	−1	+4	+14	−14	+38	0	0.27
27389		05 48 01.92	+04 59 11.1	8.96		H	87.008 015 29	+04.986 430 20		0.19	−6.32	−15.55	1.34	1.08	1.53	1.64	1.24	+24	+6	−41	−43	−39	+22	−29	−59	+32	+51	0	−0.34
27390		05 48 02.08	+12 25 06.3	6.68		H	87.008 651 79	+12.418 425 71		3.37	−4.64	−8.91	0.90	0.57	1.04	1.03	0.66	−2	+47	−20	−8	−4	+3	−1	−43	+14	−8	0	−0.47
27391		05 48 02.47	−30 55 08.2	9.12		H	87.010 284 08	−30.918 945 78		7.12	−4.08	3.52	0.59	0.76	0.92	0.73	1.03	−13	+14	−16	+13	−6	+19	−6	−5	−19	−14	0	0.48
27392		05 48 03.03	−35 19 48.0	8.27		G	87.012 642 82	−35.329 988 59		9.85	27.42	−7.22	0.58	0.64	0.81	0.65	0.72	−2	+13	−14	+2	−16	+29	−12	−6	+8	−10	1	0.67
27393	H	05 48 04.07	−48 16 35.8	9.61		H	87.016 947 04	−48.276 598 79	A	1.88	3.23	33.74	2.95	5.89	1.54	1.56	1.88	−22	+2	−9	−5	+2	+3	+6	+3	−28	−27	1	−0.38
27394		05 48 05.12	+32 44 22.1	10.62		H	87.021 338 12	+32.739 481 77		−7.42	14.01	2.47	5.76	4.03	6.75	7.51	4.61	−7	+35	−34	+12	+17	+12	+13	+29	−10	+15	0	
27395		05 48 06.40	−06 07 45.8	8.46		H	87.026 674 73	−06.129 391 62		4.88	−0.95	−5.63	0.79	0.56	1.09	0.81	0.60	+25	+34	+1	−13	−30	−5	−36	+16	−38	+24	0	1.05
27396		05 48 07.96	+04 38 28.5	9.26		H	87.033 156 76	+04.641 236 67		2.81	−15.12	−36.79	1.95	1.31	1.67	2.24	1.46	+43	+12	−20	−63	−50	+14	−46	−67	+13	+50	3	−2.87
*27397		05 48 17.27	−11 08 07.9	10.98		G	87.071 969 57	−11.135 532 02		36.42	−225.21	374.59	1.71	1.32	2.22	1.61	1.35	+13	+34	−2	−16	−37	+4	−42	+1	−28	+10	0	0.94
*27398		05 48 08.18	+30 37 51.9	8.27	2	H	87.034 069 09	+30.631 095 32	*	1.86	−2.74	−5.56	2.63	2.08	1.69	2.38	1.54	+32	−38	−38	+43	+40	−32	+36	+9	−23	+62	0	0.40
*27399		05 48 10.23	−00 44 56.1	8.14		H	87.042 623 31	−00.748 916 19		−0.50	−1.59	−9.14	1.01	0.88	1.25	1.18	0.94	−3	+26	−36	−20	−3	+13	−4	−55	+10	−17	0	−0.35
*27400		05 48 10.26	−20 01 25.2	8.25	2	T	87.042 744 93	−20.023 664 48	*	6.27	−0.44	22.19	0.71	0.82	1.18	1.04	0.92	+23	+23	+12	−39	−39	−9	−28	−18	+0	+3	0	−0.43

No.	Tycho Magnitudes					Colour Indices					Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
27301	10.341	0.044	9.797	0.043		0.510	0.055	T	0.58	0.06	L	9.8230	0.0035	0.022	71		9.79	9.86		C			1							G
27302	8.969	0.016	7.941	0.012		0.895	0.015	T	0.90	0.01	L	8.0106	0.0014	0.010	75		8.00	8.02		C			1							S
27303	6.043	0.003	6.195	0.003		−0.132	0.004	T	−0.12	0.01	L	6.1794	0.0009	0.009	140		6.16	6.19		M			1							S
27304	9.402	0.018	8.807	0.017		0.555	0.018	T	0.63	0.02	L	8.8838	0.0018	0.016	95		8.86	8.91		C			1							
27305	8.666	0.011	8.041	0.010		0.581	0.013	T	0.65	0.01	L	8.1094	0.0016	0.012	107		8.09	8.14		C			1							S
27306	9.191	0.017	9.028	0.020		0.156	0.025	T	0.17	0.03	L	9.0332	0.0025	0.017	71		9.01	9.06					1							
27307	8.051	0.008	8.070	0.010		−0.029	0.002	G	−0.01	0.00	H	8.0890	0.0016	0.013	109		8.06	8.12			05471−1810	I 1	1	S						S
27308	7.294	0.005	6.259	0.003		0.892	0.005	G	0.82	0.04	E	6.3259	0.0009	0.008	127		6.31	6.34		C			1							S
27309	11.186	0.073	10.077	0.044	*	0.956	0.066	T	0.94	0.05	L	* 9.8614	0.0087	0.100	68	*	9.78	10.47	5.81	P 1 A	05471+0018	H 1	2 C	A	AB	219	0.580	0.012	0.96	0.05	D P
27310	9.479	0.015	9.006	0.015		0.446	0.019	T	0.52	0.02	L	9.0744	0.0015	0.013	114		9.06	9.10		C			1							
27311	10.270	0.027	9.446	0.022		0.727	0.027	T	0.78	0.02	L	9.5360	0.0023	0.026	116		9.50	9.58					1							
27312	7.887	0.013	7.858	0.021		0.103	0.015	G	0.00	0.01	L	7.8955	0.0017	0.007	45		7.88	7.91		C			1							S
27313	10.022	0.034	8.692	0.020		1.129	0.031	T	1.09	0.03	L	8.7400	0.0022	0.018	68		8.71	8.77		C			1							
27314	8.284	0.009	6.719	0.005		1.313	0.008	T	1.27	0.01	L	6.7156	0.0009	0.009	123		6.70	6.74					1							S
27315	8.898	0.014	7.289	0.008		1.348	0.013	T	1.31	0.01	L	7.2889	0.0010	0.009	81		7.27	7.30		C			1							S
27316	5.818	0.003	5.733	0.003	*	0.077	0.004	T	0.09	0.00	L	* 5.7503	0.0005	0.005	97	*	5.74	5.76		D	05472+1429	H 1	2 C	S A	AB	194	0.155	0.003	0.64	0.11	S
27317	8.012	0.009	6.341	0.005		1.406	0.003	G	1.43	0.04	E	6.3238	0.0011	0.007	94		6.31	6.34					1							S
27318	9.340	0.017	7.728	0.009		1.374	0.016	T	2.99	0.04	O	7.3795	0.0083	0.068	100		7.26	7.55		U 2 C			1	S						S P
27319	8.071	0.011	6.454	0.006		1.354	0.010	T	1.32	0.01	L	6.4512	0.0009	0.009	66		6.44	6.47					1							S
27320	9.044	0.024	7.776	0.015		1.060	0.020	G	1.03	0.02	H	7.8230	0.0008	0.006	48		7.81	7.84		D			1							
27321	4.077	0.002	3.879	0.002		0.171	0.002	G	0.18	0.02	A	3.9077	0.0006	0.005	102		3.90	3.92					1							S
27322	8.241	0.008	7.711	0.008		0.526	0.015	G	0.60	0.02	H	7.7738	0.0016	0.012	116		7.75	7.79					1							S
27323	11.596	0.090	9.952	0.032		1.377	0.006	G	1.62	0.01	I	9.8403	0.0034	0.025	104		9.80	9.88					1							
27324	9.720	0.026	9.288	0.027		0.417	0.015	G	0.48	0.02	H	9.3057	0.0019	0.019	69		9.28	9.35		D			1							
27325	7.860	0.007	6.421	0.004		1.191	0.005	G	1.20	0.04	E	6.4499	0.0005	0.006	116		6.44	6.46		D			1							S
27326	9.258	0.020	7.346	0.009		1.587	0.017	T	1.61	0.02	L	7.2947	0.0014	0.011	132		7.27	7.31					1							
27327	9.137	0.024	8.879	0.027		0.210	0.015	G	0.23	0.02	H	8.8795	0.0041	0.020	73		8.85	8.92					1	S						
27328	10.002	0.023	9.400	0.021		0.560	0.023	T	0.63	0.02	L	9.4750	0.0026	0.023	95		9.43	9.51		C			1							
27329	10.161	0.023	8.660	0.012		1.263	0.020	T	1.22	0.02	L	8.6798	0.0016	0.015	128		8.66	8.71		C			1							
27330	7.756	0.006	7.217	0.005		0.513	0.006	T	0.59	0.01	L	7.2767	0.0008	0.009	152		7.26	7.30		C			1							S
27331	7.621	0.006	7.608	0.008		0.013	0.002	G	0.03	0.00	H	7.6149	0.0009	0.010	114		7.60	7.63		C			1							S
27332	8.105	0.011	8.162	0.015		−0.083	0.010	G	−0.06	0.01	H	8.1707	0.0017	0.014	71		8.15	8.19					1							
27333	9.451	0.017	9.090	0.018		0.342	0.023	T	0.40	0.03	L	9.1680	0.0017	0.016	96		9.14	9.20					1							
27334	10.477	0.039	9.185	0.022		1.099	0.035	T	1.06	0.04	L	9.2445	0.0021	0.013	76		9.22	9.27		C			1							
27335	8.392	0.010	8.455	0.013		−0.054	0.014	T	−0.03	0.01	L	8.4469	0.0017	0.016	92		8.42	8.47			05474−5400	I 1	1	S						S
27336	7.631	0.025	7.073	0.019	*	0.545	0.005	G	0.62	0.01	H	* 7.3186	0.0011	0.008	48	*	7.30	7.33		D	05474+2939	I 1	2 C	A	AB	129	1.597	0.004	0.44	0.02	S
27337	8.168	0.006	7.981	0.006		0.179	0.008	T	0.20	0.01	L	8.0293	0.0011	0.015	255		8.00	8.06					1							S
27338	5.825	0.003	5.508	0.003		0.301	0.004	T	0.34	0.01	L	5.5455	0.0006	0.005	88		5.54	5.55		C			1							S
27339	9.803	0.019	9.115	0.017		0.623	0.019	T	0.69	0.02	L	9.1958	0.0027	0.019	121		9.16	9.22					1							
27340	8.779	0.010	7.254	0.005		1.282	0.009	T	1.24	0.01	L	7.2751	0.0010	0.008	135		7.26	7.29		C	05474−3629	I 1	1							S
27341	6.217	0.010	6.069	0.009	*	0.135	0.012	T	0.15	0.01	L	* 6.0892	0.0031	0.066	111	*	6.06	6.41	3.41	P 1 A	05474−1032	M 1	2 C	A	AB	295	0.176	0.014	1.45	0.21	S D
27342	7.182	0.005	7.257	0.005		−0.066	0.002	G	−0.04	0.00	H	7.2532	0.0009	0.011	153		7.24	7.28		C			1							S
27343	9.021	0.022	7.680	0.013		1.137	0.020	T	1.10	0.02	L	7.7186	0.0016	0.011	54		7.70	7.74		C			1	S						
27344	8.829	0.011	6.997	0.005		1.585	0.019	G	2.43	0.05	F	6.8079	0.0034	0.028	112		6.76	6.85		U 2			1	S						S
27345	7.587	0.009	7.640	0.011		−0.042	0.015	G	−0.02	0.01	H	7.6437	0.0018	0.008	60		7.63	7.66		C			1							S
27346	7.787	0.008	6.609	0.005		1.010	0.007	T	0.99	0.01	L	6.6607	0.0009	0.009	126		6.65	6.68					1							S
27347	9.382	0.014	8.404	0.010		0.858	0.013	T	0.87	0.01	L	8.4510	0.0014	0.011	124		8.43	8.47		C			1							
27348	10.013	0.026	7.840	0.010		1.795	0.022	T	1.82	0.02	L	7.7198	0.0015	0.011	73		7.70	7.74		C			1							
27349	8.698	0.011	8.392	0.011		0.292	0.017	T	0.33	0.02	L	8.4380	0.0012	0.013	98		8.42	8.46					1							S
27350	9.532	0.018	9.148	0.019	A	0.348	0.005	G	0.41	0.01	H	* 9.1950	0.0018	0.019	118	*	9.17	9.23		D	05476+5748	I 1	2 C	D	AB	159	5.964	0.089	4.06	0.39	D
27351	9.566	0.019	8.985	0.017		0.545	0.019	T	0.62	0.02	L	9.0632	0.0014	0.013	98		9.04	9.09					1							
27352	9.325	0.070	8.948	0.073		0.359	0.015	G	0.42	0.02	H	9.0566	0.0024	0.020	63		9.02	9.09					1							
27353	8.017	0.011	6.610	0.006		1.193	0.015	G	1.15	0.01	H	6.6406	0.0015	0.007	61		6.63	6.65					1							S
27354	9.647	0.031	9.544	0.039		0.100	0.047	T	0.11	0.05	L	9.6324	0.0030	0.016	48		9.59	9.66		C			1							G
27355	7.736	0.008	6.670	0.006		0.924	0.008	T	0.92	0.01	L	6.7397	0.0009	0.008	109		6.72	6.75		C			1							S
27356	10.437	0.037	8.862	0.017		1.321	0.032	T	1.28	0.04	L	8.8297	0.0021	0.017	92		8.80	8.85		C			1							
27357	8.703	0.010	8.516	0.011		0.172	0.014	T	0.19	0.01	L	8.5580	0.0018	0.017	129		8.53	8.59					1							
27358	9.894	0.028	9.436	0.029		0.432	0.037	T	0.50	0.04	L	9.5082	0.0033	0.021	65		9.48	9.54					1							
27359	12.267	0.154	10.931	0.073		1.476	0.015	G	2.12	0.02	A	10.7800	0.0042	0.035	129		10.72	10.86					1							G
27360	9.864	0.027	8.054	0.012		1.507	0.023	T	1.54	0.03	L	7.9894	0.0022	0.014	72		7.97	8.02					1							
27361	9.612	0.021	9.219	0.022		0.372	0.028	T	0.43	0.03	L	9.2756	0.0020	0.016	79		9.25	9.31		C			1							
27362	9.320	0.019	8.569	0.016		0.686	0.020	T	0.74	0.02	L	8.6293	0.0015	0.012	76		8.61	8.65		C			1							
27363	10.220	0.025	9.000	0.015		1.043	0.023	T	1.01	0.02	L	9.0395	0.0019	0.018	121		9.02	9.07					1							
27364	5.073	0.003	5.252	0.003		−0.156	0.004	T	−0.16	0.01	L	5.2279	0.0008	0.006	83		5.22	5.24			05477+1354	I 1	1							S
27365	9.490	0.015	8.391	0.010		0.949	0.014	T	0.94	0.01	L	8.4523	0.0013	0.016	141		8.43	8.48					1							
27366	1.906	0.005	2.037	0.004		−0.168	0.027	G	−0.14	0.02	A	2.0065	0.0020	0.014	83		1.99	2.02		U 2			1							S P
27367	10.246	0.031	9.141	0.020		0.953	0.029	T	0.94	0.02	L	9.1917	0.0018	0.015	86		9.16	9.23		C			1							
27368	7.563	0.006	7.682	0.009		−0.101	0.005	G	−0.08	0.01	H	7.6696	0.0013	0.010	106		7.66	7.70					1							S
27369	7.917	0.008	6.656	0.005		1.073	0.000	G	1.02	0.04	E	6.7075	0.0009	0.007	109		6.69	6.72					1							S
27370	11.775	0.105	10.553	0.057		1.044	0.093	T	1.01	0.08	L	10.6479	0.0039	0.035	103		10.58	10.73		C			1							G
27371	9.689	0.017	8.887	0.013		0.710	0.016	T	0.76	0.01	L	8.9387	0.0016	0.015	126		8.91	8.97		C			1	G						
27372	8.940	0.020	8.269	0.017		0.593	0.005	G	0.66	0.01	H	8.3262	0.0022	0.011	51		8.31	8.36					1							
27373	10.126	0.027	8.867	0.017		1.073	0.025	T	1.04	0.02	L	8.8979	0.0013	0.013	82		8.88	8.91		C			1							
27374	9.437	0.016	8.731	0.014		0.650	0.017	T	0.71	0.01	L	8.7770	0.0016	0.014	101		8.75	8.80		C			1							
27375	9.167	0.010	9.056	0.012		0.108	0.015	T	0.12	0.02	L	9.0939	0.0017	0.025	261		9.05	9.13					1							
27376	9.061	0.021	9.055	0.028		0.089	0.015	G	0.10	0.02	H	9.0137	0.0021	0.011	46		8.99	9.03		C			1	S						
27377	8.507	0.013	7.752	0.011	*	0.702	0.015	G	0.76	0.01	H	* 7.7502	0.0018	0.011	68	*	7.74	7.77		D	05479+0758	I 1	2 C	A	AB	346	0.724	0.002	0.72	0.01	S
27378	8.775	0.022	6.929	0.011		1.530	0.015	G	1.57	0.03	H	6.9143	0.0013	0.007	51		6.90	6.93		C	05479+2441	I 2	1							S
27379	10.289	0.022	9.038	0.013		1.067	0.020	T	1.03	0.02	L	9.0606	0.0018	0.023	205		9.02	9.10		C			1							
27380	7.488	0.007	6.662	0.005		0.742	0.002	G	0.84	0.03	C	6.7064	0.0007	0.007	85		6.70	6.72			05479+3510	I 1	1							S
27381	10.010	0.055	9.361	0.048		0.602	0.063	T	0.67	0.06	L	9.4264	0.0024	0.017	51		9.41	9.46		C			1							G
27382	9.491	0.036	7.730	0.018		1.468	0.032	T	1.48	0.05	L	7.7117	0.0017	0.013	49		7.69	7.74			05479+2441	I 2	1							
27383	8.064	0.007	6.743	0.004		1.120	0.000	G	1.11	0.04	E	6.7877	0.0009	0.007	111		6.78	6.80		C			1							S
27384	9.352	0.018	8.353	0.013		0.873	0.017	T	0.88	0.01	L	8.4130	0.0013	0.011	109		8.39	8.43		C			1	X						
27385	9.453	0.023	9.135	0.025		0.302	0.032	T	0.35	0.04	L	9.2000	0.0040	0.022	57		9.15	9.23		C			1							
27386	5.567	0.010	5.325	0.007	*	0.234	0.003	G	0.26	0.00	H	* 5.3227	0.0006	0.004	74	*	5.32	5.33		D	05480+0627	I 1	2 C	A	AB	216	1.159	0.005	0.07	0.01	S
27387	9.069	0.012	7.836	0.007		1.053	0.011	T	1.02	0.01	L	7.8882	0.0012	0.013	139		7.87	7.91		C			1							S
27388	10.924	0.120	9.745	0.066		1.011	0.107	T	0.99	0.09	L	9.8423	0.0031	0.018	42		9.81	9.87		C			1							G
27389	11.506	0.095	9.224	0.023		1.883	0.078	T	1.92	0.08	L	9.0482	0.0027	0.024	72		9.01	9.09					1	S						
27390	6.563	0.005	6.659	0.006		−0.083	0.007	T	−0.06	0.01	L	6.6561	0.0007	0.007	80		6.64	6.67		C	05480+1226	I 1	1							S
27391	9.583	0.015	9.188	0.016		0.386	0.018	T	0.45	0.02	L	9.2090	0.0016	0.017	126		9.18	9.24		C			1							
27392	9.418	0.015	8.365	0.011		0.915	0.020	G	0.95	0.02	A	8.4309	0.0015	0.016	134		8.41	8.45		C			1							
27393	10.749	0.046	9.702	0.029	*	0.909	0.041	T	0.91	0.03	L	* 9.7707	0.0036	0.027	108	*	9.73	9.82			05481−4817	H 1	2 C	B	AB	354	0.332	0.047	2.45	0.36	
27394	11.077	0.084	10.608	0.089		0.430	0.107	G	0.50	0.11	R	10.7150	0.0061	0.033	54		10.68	10.79		C			1	X	S					G
27395	8.473	0.011	8.440	0.013		0.035	0.016	T	0.05	0.01	L	8.4829	0.0017	0.016	101		8.46	8.52		C			1							
27396	9.715	0.026	9.274	0.026		0.416	0.034	T	0.48	0.04	L	9.3559	0.0025	0.019	69		9.33	9.39		C			1							
27397						1.384	0.015	G	1.36	0.02	H	11.0772	0.0036	0.039	109		11.02	11.14		C			1							G
27398	11.864	0.183	8.668	0.020		2.523	0.134	T	2.58	0.14	L	8.2554	0.0066	0.081	47		8.07	8.37		U 2			1	V						P
27399	9.375	0.021	8.221	0.014		0.991	0.020	T	0.97	0.02	L	8.3014	0.0020	0.013	68		8.28	8.33		C			1							
27400	8.676	0.007	8.293	0.007		0.374	0.008	T	0.44	0.01	L	8.3485	0.0156	0.172	191		8.13	8.55	0.23	P 1 A			1	V						P

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
*27401		05 48 10.39	−08 23 21.9	10.02		H	87.043 271 44	−08.389 415 03	B	−8.37	−9.76	8.89	61.66	33.21	23.43	21.77	15.15	+13	+32	+ 6	+ 6	−37	+ 2	−39	+24	−29	+ 8	2	0.91
*27402		05 48 10.42	−08 23 01.1	7.30		H	87.043 430 63	−08.383 632 07	A	3.63	−0.13	−0.97	1.41	1.04	1.35	1.31	0.89	+ 6	+29	− 1	+18	−34	+ 7	−35	+39	−26	+10	2	0.91
*27403		05 48 11.07	−76 06 10.7	8.47		H	87.046 131 70	−76.102 981 88		5.07	−9.87	−5.51	0.72	0.72	0.77	0.71	0.85	+ 0	+34	+12	−20	− 4	+ 9	−13	−27	−19	−26	1	−0.32
*27404		05 48 11.46	+30 32 06.9	6.97		H	87.047 749 51	+30.535 246 01	A	2.16	6.32	−19.87	1.16	0.87	1.04	1.64	1.16	+11	+14	−26	+28	+24	−11	+22	+30	−12	+59	0	0.11
*27405		05 48 11.98	+17 29 47.4	8.59		G	87.049 918 27	+17.496 512 93		2.94	−3.43	−5.98	1.06	0.60	1.17	1.28	0.67	− 1	+36	− 9	+ 8	−12	−12	−17	−35	+ 4	−20	0	−0.79
*27406		05 48 12.06	−01 04 13.5	12.02		G	87.050 265 44	−01.070 414 06		9.81	111.72	−158.34	4.58	3.55	5.30	5.30	4.14	−24	+44	−32	−20	+11	+20	+13	−57	+11	−38	0	0.36
*27407		05 48 12.78	−33 13 53.6	9.11	2	H	87.053 260 34	−33.231 544 78		0.81	4.75	14.49	0.64	0.83	0.99	0.70	0.95	+ 3	+14	−15	+ 7	− 9	+20	− 8	− 3	− 6	+ 2	0	−0.27
*27408	H	05 48 13.27	−48 55 06.8	7.05		G	87.055 301 49	−48.918 566 03	A	4.07	−11.04	9.70	0.80	0.77	0.81	0.82	0.85	− 9	+27	−19	+ 6	− 2	− 3	−11	−12	−32	− 1	2	1.18
*27409		05 48 14.53	+46 43 18.5	7.01		H	87.060 529 98	+46.721 791 72		3.08	1.35	−17.63	0.81	0.59	0.95	0.88	0.59	+ 3	+38	−29	+33	+21	+ 8	+17	+39	− 8	+30	0	0.86
*27410	H	05 48 14.65	+01 36 35.1	7.07		H	87.061 052 06	+01.609 751 27	*	4.19	6.97	−16.53	1.54	1.68	1.13	1.43	1.08	−51	+18	−23	−57	+40	+11	+47	−73	+17	−45	2	0.59
*27411		05 48 16.43	+35 57 30.6	9.77		H	87.068 461 51	+35.958 501 27		7.02	14.69	10.42	1.46	1.03	1.61	1.81	1.05	−14	+26	−17	+27	+14	− 8	+ 7	+57	− 5	−14	0	−0.24
*27412		05 48 18.72	+01 14 51.2	9.31		H	87.078 015 85	+01.247 548 37		5.61	−23.28	−3.11	1.89	1.42	1.67	2.42	1.67	−53	+31	−25	−47	+47	−16	+43	−64	+ 9	−53	3	0.06
*27413		05 48 18.70	−66 37 54.7	7.92		H	87.077 937 27	−66.631 847 47		3.48	−13.34	18.89	0.52	0.55	0.58	0.39	0.71	− 5	+15	− 7	−60	+15	−11	+13	− 7	− 4	+15	2	1.16
27414		05 48 19.29	+58 25 12.0	8.96		H	87.080 378 46	+58.419 991 86		6.23	−11.69	0.10	1.06	0.76	1.07	1.19	0.72	+ 8	+19	+18	−53	− 4	+ 2	− 7	−60	−15	+ 2	0	0.05
27415		05 48 19.69	−33 25 54.2	6.86		H	87.082 033 49	−33.431 736 11		3.76	−13.98	−39.39	0.45	0.51	0.64	0.48	0.59	+ 3	+11	−15	+ 6	−14	+26	−11	− 9	+ 6	+ 3	2	−0.20
27416		05 48 19.83	+51 01 06.7	8.74		G	87.082 608 27	+51.018 538 64		2.52	−0.29	−4.81	1.02	0.66	1.25	1.24	0.73	+34	+39	+ 9	+ 4	+41	−13	+41	− 3	+26	+21	1	0.68
27417		05 48 20.08	−24 27 49.5	7.80		H	87.083 659 22	−24.463 761 84		23.48	−30.68	−36.54	0.37	0.57	0.83	0.47	0.73	− 7	+ 9	−19	− 2	− 2	+ 6	− 3	+11	−19	− 5	0	−0.67
27418	H	05 48 20.39	−06 38 45.0	8.08		G	87.084 975 79	−06.645 825 77	A	5.73	1.20	0.16	1.07	0.78	1.40	1.06	0.77	+21	+21	−21	−13	−27	+ 4	−34	+10	−41	+22	2	−0.63
27419		05 48 21.10	−22 03 11.0	7.78		H	87.087 918 39	−22.053 068 99		5.27	−27.85	18.83	0.66	0.59	0.88	0.88	0.65	+ 5	+ 0	−10	−45	−25	+27	−14	− 4	− 2	−10	0	−0.77
27420		05 48 21.77	−34 56 11.2	7.29		G	87.090 724 40	−34.936 440 08		4.18	2.80	−17.08	0.48	0.51	0.62	0.51	0.56	+ 1	+18	− 6	− 1	−15	+14	−15	+ 4	− 2	− 4	0	−0.45
27421	H	05 48 22.36	+20 52 10.3	6.03		H	87.093 177 55	+20.869 524 09	*	5.48	8.19	−17.88	0.85	0.58	0.88	0.96	0.68	+12	+34	−20	+23	+42	−10	+33	+36	−13	+40	0	1.42
27422		05 48 24.81	+74 11 11.0	8.70		H	87.103 362 42	+74.186 394 92		2.95	−5.33	12.12	0.52	0.78	0.96	0.54	0.88	− 5	+ 2	−10	− 2	+ 4	+15	+ 6	−11	+ 9	+ 3	0	−0.60
*27423		05 48 25.52	−00 45 34.6	7.35		H	87.106 314 45	−00.759 612 65		8.78	−20.05	−0.26	0.80	0.65	0.95	0.90	0.72	+ 1	+28	−32	−15	− 9	+ 0	−10	−34	+11	− 9	2	−0.10
*27424	H	05 48 25.45	−18 42 12.7	8.45		H	87.106 062 05	−18.703 521 22	A	3.34	−11.06	1.69	2.38	1.93	2.43	2.58	1.70	− 1	+17	− 7	+26	−25	+24	−21	+27	− 3	+ 4	6	1.71
27425		05 48 26.16	−22 29 42.4	9.08		H	87.109 011 59	−22.495 119 49		0.94	−3.05	1.48	0.72	0.78	1.15	0.81	0.85	−15	+16	− 2	+16	−24	+14	−23	+ 1	+ 7	−21	0	0.76
27426		05 48 27.45	−13 21 29.8	7.38		H	87.114 393 77	−13.358 282 72		3.52	−7.09	−6.28	0.70	0.59	0.89	0.66	0.59	+10	+23	− 5	+ 6	−38	− 4	−40	+13	− 9	+ 9	7	0.18
27427	H	05 48 28.22	+04 42 14.3	7.29		G	87.117 587 16	+04.703 958 78	A	4.74	−6.40	−6.38	1.56	1.11	1.19	1.57	1.14	+43	+18	−19	−55	−53	+ 7	−49	−62	+20	+48	5	0.36
27428		05 48 28.85	+17 26 00.7	7.29		G	87.120 207 68	+17.433 515 07		5.77	3.80	−8.74	0.87	0.47	0.96	0.99	0.51	−13	+48	−11	− 1	−15	−14	−11	−40	+12	−24	0	0.26
27429		05 48 29.71	+52 32 38.9	9.19		H	87.123 801 61	+52.544 139 60		10.60	12.54	−54.58	1.05	0.69	1.29	1.24	0.73	+33	+32	+10	+24	+33	−18	+33	− 1	+ 6	+32	0	0.18
27430		05 48 30.37	−76 32 36.1	9.19		H	87.126 547 21	−76.543 354 47		3.62	3.38	−10.78	0.86	0.82	0.87	0.85	0.98	− 6	+26	+ 1	−28	+ 2	− 4	+ 0	−25	− 7	−18	0	0.15
27431		05 48 30.82	+07 33 04.8	7.08		G	87.128 416 96	+07.551 336 97		13.11	12.93	−9.94	0.79	0.54	0.87	0.82	0.61	+ 3	+43	+ 2	+12	+ 8	−15	+ 6	+ 3	− 6	+ 9	2	0.47
27432		05 48 33.14	+68 41 21.7	8.13		H	87.138 093 21	+68.689 354 53		4.04	22.59	−3.33	0.55	0.61	0.94	0.74	0.79	− 1	+10	−11	+25	+17	− 1	+16	− 2	+ 8	− 5	1	−0.07
27433		05 48 33.18	+07 53 07.4	8.18		H	87.138 261 01	+07.885 388 01		4.25	−6.50	−4.08	0.87	0.62	1.01	1.03	0.74	+11	+23	− 3	+ 2	− 4	−19	− 4	−18	+ 2	+12	2	0.25
27434		05 48 34.16	−53 40 34.1	7.85		H	87.142 339 62	−53.676 138 36		9.09	59.23	−118.70	0.64	0.60	0.67	0.77	0.74	− 5	−16	−11	+24	− 9	+10	− 3	+10	−23	− 2	0	−0.05
27435		05 48 34.90	−04 05 38.7	5.97		G	87.145 434 46	−04.094 087 27		64.25	62.39	−230.65	1.04	0.75	1.19	1.02	0.79	−53	+64	−46	−43	+39	−24	+25	−43	+ 3	−49	0	−0.56
27436		05 48 35.13	−65 10 06.3	7.57		H	87.146 379 31	−65.168 420 98		4.91	7.76	−28.93	0.58	0.56	0.63	0.54	0.58	− 9	+34	−14	−31	+13	−20	+15	−35	+11	− 4	1	0.98
27437		05 48 35.38	−40 57 27.9	9.47		H	87.147 417 90	−40.957 742 34		8.19	29.00	56.90	0.80	0.85	0.98	1.04	1.08	−15	+10	− 3	+17	− 6	+21	− 5	− 1	− 4	−12	0	−0.17
27438		05 48 36.02	−05 49 45.8	8.24		H	87.150 093 34	−05.829 400 24		4.57	−3.79	−4.33	0.78	0.62	1.03	0.82	0.72	+22	+33	+ 0	− 3	−18	−11	−24	− 5	−19	+13	0	1.17
27439		05 48 36.20	+52 35 34.2	8.10		H	87.150 843 09	+52.592 841 75		5.78	−3.95	−8.75	0.81	0.53	0.95	0.93	0.57	+37	+28	+ 7	+34	+32	−19	+32	+12	+ 4	+34	0	1.08
27440		05 48 36.47	−20 38 01.0	8.59		H	87.151 938 37	−20.633 603 61		9.86	3.29	−28.05	0.71	0.74	1.17	1.17	0.88	+ 6	+14	− 2	−34	−29	+10	−19	+ 3	+ 2	+ 0	0	−1.67
27441		05 48 36.79	−39 55 55.9	8.89		H	87.153 294 82	−39.932 181 26		22.53	28.00	66.59	0.67	0.71	0.83	0.75	0.92	− 6	+21	− 2	− 5	− 1	−14	− 2	+ 5	− 3	− 5	0	−1.11
27442		05 48 38.57	+23 47 07.7	8.26	1	H	87.160 697 49	+23.785 478 60		0.49	−0.85	−2.79	0.99	0.69	1.05	1.20	0.86	+26	+27	−14	+28	+34	+ 8	+28	+30	−18	+52	0	0.48
27443		05 48 38.73	+51 09 55.0	7.98		H	87.161 366 63	+51.165 283 06		2.35	2.43	−5.58	0.86	0.55	1.00	1.02	0.59	+45	+40	+20	+11	+30	− 1	+30	− 2	+21	+37	0	0.38
27444	H	05 48 39.68	−14 18 51.7	6.74		H	87.165 347 27	−14.314 349 81	*	6.12	−7.55	−0.95	0.60	0.52	0.88	0.65	0.56	−22	+29	−24	+16	−27	− 5	−33	+26	−18	− 9	0	−0.16
27445		05 48 39.77	−39 16 41.4	8.90		H	87.165 705 36	−39.278 166 89		1.46	21.64	1.57	0.63	0.74	0.81	0.68	0.82	− 5	+ 6	+ 4	+ 3	− 7	+12	− 8	− 3	+ 2	−10	0	−0.15
27446		05 48 41.01	−01 47 08.0	6.94		H	87.170 869 70	−01.785 564 23		1.69	0.16	−0.56	1.03	0.92	1.04	1.32	1.13	−52	+43	−24	−52	+54	−11	+44	−72	+ 3	−63	0	0.23
27447		05 48 41.34	+28 19 28.5	8.35		G	87.172 229 88	+28.324 595 06		0.77	1.62	0.45	1.09	0.70	1.19	1.42	0.95	+ 6	+40	−16	+ 5	+ 4	+ 3	+ 8	+ 2	+ 8	+43	0	0.80
27448		05 48 42.63	−60 19 01.1	8.81		H	87.177 628 97	−60.316 961 15		1.64	−9.08	19.48	0.70	0.81	0.78	0.82	0.94	−10	+ 7	− 3	−22	− 3	− 6	− 1	−17	+24	−28	0	−0.19
27449		05 48 43.88	+45 14 13.9	8.05		H	87.182 824 25	+45.237 201 22		4.16	−2.73	−22.16	1.03	0.71	1.06	1.22	0.80	−21	+31	−24	+50	− 8	− 8	−10	+53	+ 0	−17	2	0.76
27450		05 48 44.72	+18 14 35.8	7.25		H	87.186 338 50	+18.243 269 56		8.72	19.04	−37.36	1.04	0.72	0.94	1.10	0.73	+52	+33	− 8	−47	−61	+ 4	−55	−75	+ 4	+60	0	−0.06
27451		05 48 45.47	−01 30 06.9	7.17		H	87.189 438 54	−01.501 904 00		9.78	10.68	20.99	1.04	0.84	1.18	1.23	1.04	−39	+53	−19	−30	+41	+ 8	+30	−63	+ 0	−54	0	−0.19
27452		05 48 45.97	+00 43 32.0	7.24		G	87.191 534 71	+00.725 564 36		3.73	−4.19	0.40	0.85	0.65	0.99	1.02	0.71	−27	+37	−31	−16	+32	−34	+21	−40	− 2	−15	0	1.27
27453		05 48 47.31	+11 59 50.0	6.93		G	87.197 142 14	+11.997 225 37		3.78	−0.11	−8.17	0.90	0.59	0.99	1.24	0.72	−27	+34	−26	−28	+24	+ 7	+25	−54	+14	−29	0	−0.57
*27454		05 48 47.35	+39 54 43.7	8.72		H	87.197 277 25	+39.912 148 71		2.45	−1.05	16.28	1.13	0.84	1.20	1.48	1.00	+ 3	+24	− 7	+25	+20	+ 6	+19	+42	− 4	− 9	0	1.37
*27455		05 48 47.33	−42 19 32.6	8.32		G	87.197 214 77	−42.325 734 82		11.30	−47.17	−23.69	0.59	0.61	0.70	0.56	0.69	−10	− 4	+ 0	− 7	− 5	+16	− 5	+ 0	−12	−13	0	−2.59
27456		05 48 48.99	+27 21 49.6	7.73		H	87.204 128 40	+27.363 773 48		2.02	−2.58	−1.51	1.03	0.66	1.12	1.18	0.86	+ 9	+52	−27	+20	+ 9	+12	+18	+ 8	+11	+62	0	0.40
27457		05 48 51.47	−32 25 35.9	7.57		H	87.214 450 00	−32.426 645 14		3.61	−8.12	−3.21	0.51	0.57	0.70	0.58	0.64	− 9	+21	−11	+ 9	− 8	+14	− 9	−12	− 7	−15	0	0.52
27458		05 48 51.82	+39 32 01.2	6.80		H	87.215 910 81	+39.533 666 50		5.24	1.32	−25.84	0.75	0.53	0.83	0.88	0.63	− 2	+41	− 4	+20	− 1	+ 4	+ 2	+38	+ 1	−15	0	0.07
27459		05 48 53.65	+29 08 10.0	8.06	2	H	87.223 539 30	+29.136 118 53		0.13	−0.39	−2.53	1.16	0.72	1.26	1.42	0.96	+21	+46	−25	+20	+26	− 6	+15	+30	−14	+63	0	0.64
27460		05 48 54.25	+55 35 10.1	9.07		H	87.226 058 86	+55.586 139 76		3.72	−3.63	−3.19	1.04	0.79	1.21	1.40	0.87	+ 5	+ 7	− 2	+ 2	+32	− 1	+28	− 5	+ 4	+17	0	1.91
27461		05 48 54.83	−05 29 21.4	8.86		H	87.228 460 07	−05.489 264 53		3.51	−26.10	−13.66	0.90	0.74	1.15	1.05	0.88	+26	+30	− 3	− 9	−23	−13	−28	−16	−14	+19	0	−1.27
27462		05 48 55.57	−46 18 56.4	7.53	2	H	87.231 561 91	−46.315 663 31		7.30	2.14	21.37	0.56	0.52	0.59	0.65	0.57	− 2	+22	+ 7	+24	−16	+14	−21	+ 0	− 7	−24	0	0.15
27463		05 48 56.33	−53 27 44.6	8.48		H	87.234 712 90	−53.462 394 69		8.96	2.51	47.95	0.66	0.64	0.72	0.76	0.79	+ 9	− 4	− 7	+ 3	+ 2	+12	+ 3	+ 1	−21	+ 9	0	−0.76
27464		05 48 58.23	+63 41 48.3	8.67		H																							
27465	H	05 48 58.68	+19 04 36.4	10.27		H	87.244 492 18	+19.076 788 73	A	3.32	3.57	1.17	5.96	3.60	5.24	6.16	3.28	+33	+56	+16	−20	−59	− 2	−53	−66	−18	+31	1	−0.02
27466		05 49 00.23	−03 18 40.6	9.85		H	87.250 952 95	−03.311 289 46	A	−0.37	11.73	−41.24	4.54	4.23	4.18	4.35	3.88	−13	+34	−17	−48	+22	−22	+11	−64	− 2	−30	0	0.28
27467		05 49 00.71	−03 18 24.7	12.37		H	87.252 938 70	−03.306 872 37	B	−0.37	11.73	−41.24	99.67	79.06	4.18	4.35	3.88	+ 4	+11	+ 4	− 6	− 6	−22	− 1	+ 1	− 2	−30	0	0.28
27468	H	05 49 00.96	+24 34 03.2	4.88		G	87.253 997 77	+24.567 554 73	A	6.25	12.07	−8.16	1.37	0.93	1.29	1.42	1.01	+37	+17	−17	+11	+18	− 2	+16	+ 4	−11	+61	2	1.40
27469		05 49 03.06	+54 01 57.1	8.47	2	H	87.262 763 89	+54.032 517 74		2.57	−4.00	−3.39	1.11	0.77	1.10	1.32	0.85	+54	+30	+ 9	+48	+47	+ 1	+47	+35	+ 5	+64	2	−0.16
27470		05 49 03.60	−01 53 56.1	8.78		H	87.264 983 72	−01.898 929 94		6.68	2.45	−6.86	1.28	1.20	1.29	1.72	1.45	−46	+35	−13	−51	+56	− 7	+44	−73	− 2	−61	0	1.70
27471		05 49 04.06	−31 41 32.4	7.85		H	87.266 907 59	−31.692 328 22		13.64	33.71	−41.17	0.52	0.60	0.73	0.56	0.64	−13	+28	−23	+11	− 9	+14	− 7	−12	− 4	− 9	2	0.96
27472	H	05 49 04.68	+62 48 29.5	6.18		G	87.269 487 86	+62.808 195 75	A	7.91	−18.84	−2.37	0.78	0.80	0.92	0.79	0.69	−22	− 2	+ 5	−13	+ 1	− 2	+ 4	−38	+ 8	−15	1	−0.68
27473		05 49 05.24	−28 22 46.8	8.44	2	H	87.271 813 12	−28.379 656 27		0.66	18.14	−18.97	0.66	0.78	1.01	0.77	0.85	− 7	+ 7	−29	−28	+ 0	+10	+ 3	−17	+ 3	− 8	0	−1.58
27474		05 49 05.57	+09 53 35.9	8.91		H	87.273 217 66	+09.893 302 59		3.46	32.74	6.28	1.12	0.77	1.28	1.37	0.96	−14	+39	−17	− 7	+ 4	− 9	+ 9	−30	+22	−19	0	−0.71
27475		05 49 05.72	−08 24 20.2	8.95		H	87.273 819 18	−08.405 599 48		5.08	−4.81	−13.52	1.01	0.70	1.30	1.01	0.68	+27	+33	+12	−12	−41	− 5	−43	+19	−29	+26	0	−0.90
27476		05 49 06.02	−18 03 22.3	8.37		H	87.275 078 36	−18.056 204 58		1.66	−2.19	2.22	0.83	0.82	1.09	0.96	0.89	−18	+32	+ 3	+39	−38	+ 0	−33	+35	− 1	− 5	0	0.20
27477		05 49 06.72	−11 04 58.1	9.86	2	H	87.277 983 05	−11.082 792 52	A	8.76	−6.07	6.86	2.94	2.91	3.70	3.27	3.01	+24	+10	−28	−17	−35	+16	−33	+ 2	−21	+29	19	0.84
27478		05 49 06.93	+25 39 02.1	7.28		H	87.278 864 99	+25.650 587 12		1.87	0.76	−2.30	0.95	0.62	1.02	1.30	0.84	+13	+30	−21	+24	− 2	− 3	+ 1	+19	+ 9	+32	3	0.02
27479		05 49 07.30	−32 30 15.7	6.89		H	87.280 421 47	−32.504 347 91		2.43	−8.97	−6.58	0.45	0.53	0.65	0.52	0.59	+ 0	+15	− 7	− 4	− 4	+11	− 5	−12	− 9	−13	0	2.18
27480		05 49 07.78	+04 12 45.0	7.81		G	87.282 436 71	+04.212 499 97		1.60	−7.64	−11.70	1.18	0.74	1.13	1.27	0.83	+30	+31	−21	−47	−40	+ 7	−33	−55	+12	+46	0	0.11
27481		05 49 07.93	−20 05 59.6	8.20		H	87.283 054 94	−20.099 900 18		3.45	−1.69	−2.62	0.59	0.68	1.13	0.83	0.85	+ 8	+27	− 1	−21	−35	−10	−34	− 5	−10	+19	1	0.64
27482		05 49 09.61	+03 39 04.8	8.94		G	87.290 048 63	+03.651 344 26		4.09	−6.60	−7.88	1.31	0.83	1.39	1.41	0.94	−26	+48	−25	−30	+18	−20	+14	−37	+ 3	− 8	0	−1.05
27483		05 49 10.46	+39 10 52.1	4.51		H	87.293 581 26	+39.181 133 22		15.34	−28.42	−25.55	0.71	0.49	0.80	0.83	0.56	−15	+42	−11	+15	− 6	+ 5	− 1	+41	+ 5	−22	2	1.05
27484		05 49 11.76	+56 57 17.1	8.14		H	87.299 020 48	+56.954 749 78		1.50	9.44	−8.57	0.74	0.59	0.95	0.82	0.57	− 2	+26	+ 8	− 2	+19	+12	+12	−43	− 9	− 7	0	−0.17
27485		05 49 12.51	−19 23 59.6	7.31		H	87.302 125 30	−19.399 902 37		3.03	0.96	6.99	0.58	0.53	0.87	0.70	0.57	−18	+24	−15	+ 0	−40	+19	−40	+17	−15	− 3	0	0.62
27486		05 49 12.79	+21 08 09.8	7.28		H	87.303 292 27	+21.136 047 99		5.26	3.98	−4.59	0.86	0.57	0.91	1.02	0.70	+11	+29	−16	+23	+25	+ 4	+24	+14	− 8	+39	0	−0.26
27487		05 49 13.10	+01 27 30.2	9.48		G	87.304 590 19	+01.458 395 24		2.00	1.30	−5.20	1.70	1.27	1.79	2.03	1.45	−35	+42	−35	−33	+30	−20	+26	−52	+ 9	−25	0	−0.53
27488		05 49 13.36	+30 05 56.7	8.60		H	87.305 673 61	+30.099 090 14		0.91	0.90	−13.26	1.23	0.91	1.35	1.95	1.32	+16	+11	−38	+30	+31	− 7	+32	+27	− 6	+67	0	−0.39
27489		05 49 15.32	−34 33 38.7	8.64		H	87.313 828 90	−34.560 755 68		1.90	−7.16	9.77	0.61	0.70	0.82	0.67	0.79	− 2	+13	− 8	− 9	−11	+ 1	−10	+ 0	+ 3	− 8	1	0.44
27490		05 49 16.01	−09 22 40.5	8.85		H	87.316 714 73	−09.377 925 54		8.16	−1.03	10.02	1.19	0.76	1.24	1.44	0.90	+33	+19	− 9	−43	−52	+ 4	−57	−18	−28	+42	2	0.61
27491		05 49 16.34	−37 30 47.8	8.96		G	87.318 082 73	−37.513 273 30		15.75	196.37	−25.61	0.72	0.79	0.91	0.74	0.92	+ 4	+10	+ 1	− 3	− 7	+ 0	− 8	− 4	− 4	− 7	1	−1.31
27492		05 49 17.30	+29 43 36.7	7.85		G	87.322 084 50	+29.726 856 82		−1.10	0.19	−4.08	1.07	0.80	1.09	1.59	1.10	+35	+12	−35	+39	+46	−18	+39	+46	−16	+72	0	−0.30
27493		05 49 18.45	−58 40 16.3	9.17		H	87.326 868 77	−58.671 190 68		2.87	−1.89	2.24	0.77	0.83	0.86	0.88	1.09	− 9	+11	− 6	− 5	− 4	−24	− 6	+13	+ 2	− 7	0	1.04
27494		05 49 19.06	+34 12 38.7	7.51		H	87.329 416 79	+34.210 751 05		4.27	−9.13	−4.81	1.04	0.69	1.22	0.92	0.63	−22	+59	−44	+24	+19	+ 0	+ 5	+51	−14	+22	5	2.32
27495		05 49 20.52	+21 02 21.1	9.06		H	87.335 520 74	+21.039 194 93		5.84	0.47	−31.87	1.21	0.83	1.30	1.41	1.00	+13	+32	−13	+12	+20	+ 3	+16	+ 9	−13	+35	0	1.59
27496		05 49 21.37	+23 37 29.2	9.18		H	87.339 049 11	+23.624 786 98		5.48	34.39	−41.63	1.27	0.80	1.41	1.54	1.02	+ 8	+40	−16	+15	+18	+21	+20	+ 7	− 1	+43	0	−0.72
27497		05 49 21.83	+38 44 18.0	7.20		G	87.340 937 65	+38.738 344 60		5.70	1.92	−38.31	0.90	0.66	0.98	1.12	0.71	+14	+28	−25	+34	+26	−15	+21	+60	− 7	+10	3	−1.69
27498		05 49 21.93	+61 21 30.9	8.16	1	H	87.341 384 03	+61.358 588 75		3.48	−0.47	1.20	0.74	0.64	0.97	0.88	0.71	+ 3	+19	− 6	− 9	+19	−18	+15	−27	+ 7	−10	2	−0.76
27499		05 49 22.38	−44 40 57.3	7.73		G	87.343 229 20	−44.682 597 15		6.39	2.61	24.99	0.59	0.60	0.68	0.66	0.63	− 8	− 2	+ 7	−10	− 4	+20	− 6	− 9	− 1	− 6	0	−0.60
*27500		05 49 24.87	+78 03 23.8	8.80	2	H	87.353 626 40	+78.056 624 35		2.18	13.30	−28.22	0.66	0.79	0.94	0.72	0.86	+ 3	+16	+ 5	− 4	+ 0	+ 1	− 4	+18	− 5	+15	2	−2.07

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
27401	9.843	0.026	9.487	0.026	B	0.337	0.034	T	0.39	0.05	L	10.0611	0.1323			B				D	05482−0823	I 2	1 C I A							
27402	7.156	0.007	7.271	0.007	A	−0.100	0.009	T	−0.08	0.01	L	7.2698	0.0128	0.026	113	A	7.22	7.31		D	05482−0823	I 2	1 C P A							S
27403	9.961	0.021	8.580	0.012		1.169	0.019	T	1.13	0.02	L	8.6322	0.0017	0.016	112		8.61	8.66					1							
27404	8.866	0.017	7.108	0.008	A	1.465	0.015	T	1.47	0.02	L	7.1015	0.0048	0.011	52	A	7.09	7.12		C	05482+3032	I 1	2 C A	AB	30	11.698	0.016	3.13	0.08	S
27405	8.650	0.010	8.561	0.012		0.060	0.015	G	0.07	0.01	H	8.6140	0.0016	0.015	115		8.59	8.64					1							
27406						1.267	0.015	G	1.44	0.03	I	12.1593	0.0135	0.073	54		12.06	12.29					1							G
27407	11.461	0.065	9.355	0.018		1.742	0.054	T	1.77	0.06	L	9.2121	0.0032	0.032	141		9.17	9.27		U 2			1							
27408	7.163	0.010	7.121	0.011	*	0.038	0.002	G	0.05	0.00	H *	7.0644	0.0010	0.008	98	*	7.05	7.08		D	05482−4855	I 1	2 C A	AB	16	1.025	0.003	1.29	0.02	S
27409	8.587	0.016	7.148	0.010		1.214	0.015	T	1.17	0.01	L	7.1768	0.0012	0.008	57		7.17	7.19		C			1							S
27410	7.534	0.009	7.106	0.008	*	0.404	0.011	T	0.47	0.01	L *	7.1652	0.0014	0.008	63	*	7.15	7.18		D	05482+0137	I 1	2 C A	AS	2	0.200	0.004	0.02	0.11	S
27411	10.279	0.034	9.821	0.036		0.432	0.045	T	0.50	0.05	L	9.8726	0.0027	0.022	86		9.83	9.91		C			1							G
27412	9.839	0.030	9.383	0.031		0.430	0.040	T	0.50	0.04	L	9.4063	0.0020	0.018	55		9.36	9.44		C			1							
27413	9.183	0.020	8.037	0.013		0.985	0.019	T	0.97	0.01	L	8.0878	0.0011	0.010	113		8.07	8.10					1							
27414	9.369	0.015	8.996	0.016		0.353	0.020	T	0.41	0.02	L	9.0423	0.0018	0.019	114		9.01	9.09		C			1							
27415	8.656	0.010	7.011	0.005		1.376	0.009	T	1.35	0.01	L	7.0078	0.0009	0.010	142		6.99	7.03					1							S
27416	8.669	0.008	8.710	0.011		−0.033	0.012	T	−0.01	0.01	L	8.7312	0.0024	0.020	161		8.69	8.76					1							
27417	8.487	0.007	7.877	0.007		0.566	0.007	T	0.64	0.01	L	7.9256	0.0013	0.015	225		7.90	7.95					1							S
27418	8.423	0.009	8.158	0.010	A	0.260	0.015	G	0.29	0.02	H *	8.1541	0.0014	0.010	106	*	8.13	8.18		D	05483−0639	I 1	2 C A	AB	189	1.044	0.008	2.54	0.04	S
27419	9.193	0.012	7.913	0.008		1.089	0.011	T	1.05	0.01	L	7.9529	0.0010	0.014	142		7.93	7.98		D			1							
27420	8.470	0.009	7.392	0.006		0.935	0.001	G	0.92	0.02	A	7.4610	0.0010	0.010	148		7.44	7.48		C			1							S
27421	5.953	0.004	6.013	0.006	*	−0.051	0.006	T	−0.03	0.01	L *	6.0195	0.0008	0.005	61	*	6.01	6.03		D	05484+2052	I 1	2 C S A	AB	306	0.137	0.035	1.26	0.45	S
27422	10.064	0.017	8.820	0.011		1.061	0.016	T	1.03	0.01	L	8.8711	0.0013	0.017	175		8.84	8.92					1							
27423	7.792	0.008	7.362	0.010		0.420	0.010	T	0.49	0.01	L	7.4483	0.0014	0.011	71		7.43	7.47					1							S P
27424	8.411	0.013	8.311	0.017	*	0.090	0.019	T	0.10	0.02	L *	8.4903	0.0018	0.018	104	*	8.47	8.52		D	05484−1842	I 1	2 C A	AB	153	3.825	0.004	0.19	0.01	
27425	9.124	0.012	9.079	0.015		0.041	0.017	T	0.06	0.01	L	9.0964	0.0021	0.020	167		9.06	9.13		C			1							
27426	8.727	0.023	7.475	0.015		1.068	0.021	T	1.03	0.02	L	7.5502	0.0011	0.012	103		7.53	7.59			05485−1322	I 1	1							S
27427	7.293	0.007	7.256	0.010	*	0.030	0.000	G	0.05	0.00	H *	7.2935	0.0018	0.011	70	*	7.28	7.33		D	05485+0442	I 1	2 C A	AB	17	7.307	0.012	2.68	0.06	S
27428	7.376	0.005	7.292	0.006		0.060	0.015	G	0.07	0.01	H	7.3096	0.0007	0.008	117		7.30	7.32		C			1							S
27429	9.830	0.021	9.236	0.019		0.554	0.025	T	0.63	0.02	L	9.3072	0.0017	0.016	110		9.28	9.34		C			1							
27430	10.773	0.039	9.294	0.019		1.245	0.034	T	1.20	0.03	L	9.3486	0.0024	0.020	111		9.31	9.38					1							
27431	7.543	0.006	7.122	0.007		0.413	0.015	G	0.48	0.02	H	7.1759	0.0012	0.008	73		7.16	7.20		C			1							S
27432	9.440	0.014	8.252	0.009		1.018	0.013	T	0.99	0.01	L	8.2976	0.0015	0.016	152		8.28	8.32					1							S
27433	8.527	0.013	8.229	0.014		0.341	0.015	G	0.40	0.02	H	8.2568	0.0024	0.013	70		8.23	8.28		C			1							
27434	9.198	0.016	7.952	0.010		1.063	0.015	T	1.03	0.01	L	8.0140	0.0015	0.011	85		8.00	8.03		C			1							S
27435			6.390	0.006		0.639	0.002	G	0.70	0.00	H	6.0978	0.0010	0.006	64		6.09	6.11		C			1							S
27436	9.033	0.014	7.691	0.008		1.138	0.013	T	1.10	0.01	L	7.7366	0.0010	0.008	101		7.72	7.75		C			1							S
27437	10.148	0.027	9.523	0.024		0.577	0.027	T	0.65	0.03	L	9.5941	0.0023	0.016	102		9.57	9.63		C			1							
27438	8.322	0.010	8.232	0.012		0.060	0.015	G	0.07	0.01	H	8.2677	0.0012	0.013	87		8.25	8.29					1							
27439	8.374	0.010	8.138	0.011		0.222	0.017	G	0.24	0.02	H	8.1706	0.0011	0.011	121		8.15	8.19		C			1							S
27440	9.059	0.010	8.624	0.010		0.424	0.011	T	0.49	0.01	L	8.6833	0.0018	0.020	161		8.65	8.73					1							S
27441	9.965	0.021	8.972	0.015		0.857	0.020	T	0.87	0.01	L	9.0335	0.0020	0.021	118		9.00	9.06					1							
27442	8.279	0.013	8.261	0.017		0.021	0.020	T	0.04	0.02	L	8.2710	0.0039	0.022	57		8.24	8.30		U			1 S							
27443	7.936	0.006	7.971	0.008		−0.027	0.009	T	−0.01	0.01	L	7.9804	0.0012	0.011	149		7.96	8.01					1							S
27444	7.848	0.008	6.835	0.005	*	0.884	0.007	T	0.89	0.01	L *	6.8948	0.0012	0.009	118	*	6.88	6.92			05487−1419	H 1	2 C S B	AB	295	0.136	0.026	1.39	0.61	S
27445	10.763	0.040	9.083	0.017		1.404	0.034	T	1.38	0.04	L	9.0443	0.0017	0.018	122		9.01	9.08		C			1							
27446	8.807	0.014	7.095	0.007		1.453	0.015	G	1.46	0.02	H	7.0735	0.0014	0.009	63		7.06	7.09					1							S
27447	8.530	0.015	8.387	0.018		0.138	0.022	T	0.15	0.02	L	8.4150	0.0017	0.013	54		8.39	8.44					1							
27448	10.372	0.033	8.956	0.018		1.196	0.029	T	1.16	0.03	L	8.9756	0.0021	0.016	107		8.95	9.00		C			1							
27449	8.474	0.012	8.097	0.013		0.374	0.007	G	0.44	0.01	H	8.1400	0.0020	0.012	69		8.12	8.16		C			1							S
27450	7.703	0.006	7.297	0.005		0.384	0.007	T	0.45	0.01	L	7.3397	0.0010	0.009	113		7.33	7.36		C			1							S
27451	7.517	0.007	7.192	0.008		0.318	0.015	G	0.37	0.02	H	7.2436	0.0016	0.010	65		7.23	7.26					1							S
27452	7.059	0.007	7.194	0.008		−0.131	0.008	G	−0.12	0.01	H	7.1916	0.0012	0.009	63		7.18	7.21		C			1							S
27453	6.809	0.005	6.918	0.006		−0.100	0.015	G	−0.08	0.02	H	6.8993	0.0011	0.007	76		6.89	6.91					1							S
27454	10.150	0.043	8.811	0.024		1.136	0.039	T	1.10	0.04	L	8.8858	0.0018	0.015	60		8.85	8.92		C			1							
27455	8.997	0.012	8.405	0.011		0.563	0.005	G	0.64	0.01	H	8.4512	0.0012	0.015	123		8.43	8.48					1							S
27456	7.777	0.011	7.762	0.014		0.149	0.015	G	0.16	0.01	H	7.7791	0.0017	0.014	61		7.76	7.81					1							S
27457	8.684	0.011	7.655	0.008		0.896	0.010	T	0.90	0.01	L	7.7240	0.0012	0.010	134		7.71	7.75					1							S
27458	7.799	0.010	6.886	0.011		0.820	0.010	G	0.84	0.01	H	6.9495	0.0010	0.009	68		6.94	6.96					1							S
27459	8.014	0.012	8.046	0.015		−0.025	0.018	T	0.00	0.02	L	8.0612	0.0042	0.032	46		8.03	8.14		U 2			1							
27460	9.174	0.014	9.087	0.018		0.085	0.021	T	0.10	0.02	L	9.1080	0.0026	0.026	90		9.07	9.15					1							
27461	9.067	0.014	8.854	0.016		0.203	0.020	T	0.22	0.02	L	8.9267	0.0021	0.018	86		8.91	8.96		C			1							
27462	7.825	0.008	7.567	0.008		0.242	0.012	T	0.27	0.01	L	7.6000	0.0042	0.033	111		7.56	7.65	0.10	P 1 A			1							S
27463	9.574	0.019	8.564	0.014		0.882	0.018	T	0.89	0.01	L	8.6355	0.0018	0.016	95		8.61	8.66					1							
27464						0.719	0.126	G	0.77	0.09	R	8.8139	0.0016	0.020	129		8.77	8.85		D			S							G
27465	10.647	0.060	10.662	0.101	A						T *	10.4417	0.0059	0.042	80	*	10.36	10.50		D	05490+1905	M 1	2 C A	AB	354	7.018	0.019	1.73	0.08	G Y
27466	10.193	0.044	9.817	0.047	A	0.356	0.060	T	0.42	0.07	L	9.9335	0.0376	0.048	66	A	9.85	10.01		R	05490−0319	I 2	1 C P D							G D
27467											T	12.4526	0.3417			B				D	05490−0319	I 2	1 C F D							D
27468	6.187	0.004	5.001	0.004	A	1.021	0.000	G	1.04	0.04	E *	5.0445	0.0008	0.005	60	*	5.04	5.06			05490+2434	M 1	2 C C	AC	230	3.778	0.096	4.02	0.48	S
27469	8.514	0.010	8.482	0.012		0.030	0.015	G	0.05	0.01	H	8.4895	0.0020	0.022	105		8.46	8.80	3.36	P 1 A			1							P
27470	8.977	0.015	8.776	0.017		0.192	0.021	T	0.21	0.02	L	8.8425	0.0027	0.015	59		8.82	8.86		C			1							
27471	8.385	0.009	7.896	0.009		0.475	0.015	G	0.55	0.02	H	7.9586	0.0012	0.011	135		7.94	7.98		C			1							S
27472	6.341	0.005	6.213	0.006	*	0.128	0.002	G	0.14	0.00	H *	6.2230	0.0009	0.008	137	*	6.21	6.24		D	05491+6248	I 1	2 C A	AB	348	0.861	0.002	0.98	0.01	S
27473	10.638	0.031	8.668	0.011		1.634	0.026	T	1.66	0.03	L	8.5546	0.0049	0.058	156		8.47	8.64		U 2			1							P
27474	10.429	0.044	9.020	0.022		1.200	0.015	G	1.16	0.01	I	9.0390	0.0020	0.016	77		9.02	9.07		C			1							
27475	9.453	0.016	8.975	0.016		0.450	0.021	T	0.52	0.02	L	9.0521	0.0019	0.016	122		9.03	9.08					1							
27476	10.071	0.022	8.504	0.012		1.315	0.020	T	1.28	0.02	L	8.5256	0.0016	0.014	101		8.51	8.55		C			1							
27477	9.977	0.033	9.676	0.037	A	0.286	0.047	T	0.33	0.06	L	9.9412	0.0186	0.128	113	A	9.85	10.20		U	05491−1105	M 1	2 C A	AB	101	13.651	0.008	0.38	0.03	G
27478	9.115	0.023	7.390	0.011		1.440	0.015	G	1.44	0.02	H	7.4153	0.0013	0.008	51		7.40	7.43		C			1							S
27479	8.928	0.011	7.046	0.005		1.564	0.010	T	1.58	0.01	L	7.0085	0.0011	0.014	126		6.99	7.03			05491−3230	I 1	1							S
27480	7.741	0.010	7.807	0.010		−0.054	0.004	G	−0.03	0.00	H	7.7969	0.0019	0.011	63		7.78	7.82		C			1							S
27481	9.567	0.012	8.318	0.008		1.065	0.011	T	1.03	0.01	L	8.3656	0.0013	0.017	204		8.33	8.39					1							
27482	9.019	0.018	8.929	0.022		0.084	0.015	G	0.10	0.02	H	8.9744	0.0017	0.011	61		8.95	8.99					1							
27483	5.728	0.004	4.621	0.004		0.949	0.006	G	0.95	0.03	C	4.6780	0.0004	0.004	74		4.67	4.68			05492+3911	I 1	1							S
27484	10.150	0.027	8.304	0.011		1.535	0.023	T	1.58	0.05	L	8.2518	0.0012	0.015	109		8.23	8.28					1							
27485	7.446	0.006	7.323	0.006		0.119	0.008	T	0.13	0.01	L	7.3554	0.0010	0.010	150		7.33	7.38					1							S
27486	7.255	0.008	7.277	0.008		−0.015	0.010	T	0.01	0.01	L	7.2841	0.0011	0.007	65		7.27	7.30		C			1							S
27487	9.708	0.030	9.461	0.034		0.229	0.049	G	0.25	0.06	H	9.5379	0.0019	0.018	59		9.50	9.57		D			1							
27488	10.282	0.046	8.730	0.022		1.360	0.015	G	1.33	0.02	I	8.7238	0.0016	0.015	53		8.69	8.75		C			1							
27489	10.575	0.029	8.783	0.012		1.492	0.025	T	1.52	0.04	L	8.7694	0.0015	0.019	147		8.74	8.81					1							
27490	9.427	0.019	8.925	0.018		0.472	0.024	T	0.54	0.03	L	8.9545	0.0020	0.016	96		8.92	8.98		C			1 G							
27491	9.985	0.022	9.009	0.016		0.813	0.002	G	0.85	0.00	H	9.1053	0.0019	0.019	114		9.07	9.13					1							
27492	8.387	0.015	7.917	0.012		0.528	0.015	G	0.60	0.02	H	7.9708	0.0014	0.009	53		7.96	7.99		C			1							S
27493	10.784	0.046	9.323	0.022		1.231	0.040	T	1.19	0.04	L	9.3329	0.0019	0.017	99		9.30	9.37					1							
27494	8.700	0.014	7.619	0.010		0.935	0.013	T	0.93	0.01	L	7.6707	0.0009	0.011	71		7.66	7.69		C			1							S
27495	9.546	0.026	9.116	0.027		0.406	0.035	T	0.47	0.04	L	9.1480	0.0022	0.019	64		9.11	9.18		D			1							
27496	9.937	0.038	9.243	0.033		0.640	0.041	T	0.70	0.04	L	9.3153	0.0018	0.014	56		9.29	9.34		C			1							
27497	8.725	0.017	7.318	0.010		1.170	0.015	G	1.13	0.01	H	7.3664	0.0017	0.013	77		7.35	7.39					1							S
27498	9.509	0.017	8.261	0.011		1.064	0.016	T	1.03	0.01	L	8.3329	0.0021	0.016	104		8.29	8.36		M			1							
27499	8.908	0.012	7.831	0.009		0.927	0.009	G	0.92	0.01	H	7.8952	0.0012	0.012	104		7.87	7.92		C			1							S
27500	11.045	0.046	9.000	0.015		1.693	0.039	T	1.72	0.04	L	8.9068	0.0031	0.025	136		8.85	8.96		U 2			1							

Number		Descriptor: epoch J1991.25					Position: epoch J1991.25			Par.	Proper Motion		Standard Errors					Astrometric Correlations (%)										Soln	
HIP		RA h m s	Dec ±° ′ ″	V mag			α (ICRS) deg	δ deg		π mas	$\mu_{\alpha*}$ mas/yr	μ_δ mas/yr	α* mas	δ mas	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ mas/yr	δ/α*	π/α*	π/δ	$\mu_{\alpha*}$/α*	$\mu_{\alpha*}$/δ	$\mu_{\alpha*}$/π	μ_δ/α*	μ_δ/δ	μ_δ/π	μ_δ/$\mu_{\alpha*}$	F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
*27501		05 49 24.81	+35 58 54.7	8.28		G	87.353 355 97	+35.981 866 79		9.32	5.34	−45.81	1.10	0.80	1.16	1.32	0.77	+6	+21	−16	+37	+31	−13	+23	+65	−8	+0	0	0.87
27502		05 49 25.21	+18 37 05.5	7.83	2	H	87.355 035 04	+18.618 195 35		6.15	33.85	−35.42	1.37	0.97	1.25	1.73	1.21	+53	+32	−22	−57	−76	+7	−62	−84	+20	+72	0	0.94
27503	H	05 49 25.53	+36 10 57.1	8.76		G	87.356 387 87	+36.182 541 20	A	8.81	−2.83	−36.24	3.17	2.34	2.88	3.27	2.07	−3	+23	−16	+7	+42	−11	+28	+48	−8	−2	2	0.32
27504		05 49 25.70	+13 55 18.4	8.55		H	87.357 072 91	+13.921 787 28		4.06	5.62	−13.90	1.36	0.91	1.41	1.51	0.96	+35	+34	−18	−34	−54	+21	−42	−70	+13	+47	0	1.21
27505		05 49 26.01	−37 11 06.4	8.01		G	87.358 388 21	−37.185 108 75		2.35	−0.08	6.03	0.55	0.59	0.69	0.60	0.69	+6	+12	−1	−4	−2	−5	−2	+5	−10	−3	2	−1.15
27506	H	05 49 27.51	−12 33 32.7	8.83		H	87.364 625 58	−12.559 084 89	A	−0.40	−0.58	6.70	2.74	2.55	2.92	2.25	2.61	+17	+20	−2	−5	−30	−12	−31	+9	−35	+10	2	0.50
27507		05 49 29.52	+00 02 51.9	9.85		H	87.373 015 53	+00.047 745 89		4.37	−1.03	−15.28	1.44	1.20	1.76	1.75	1.27	+1	+17	−33	−14	+0	−12	−6	−46	+9	−6	0	0.43
27508		05 49 29.90	−63 01 15.8	9.33		H	87.374 565 11	−63.021 041 75		1.25	6.47	23.00	0.87	0.97	0.95	1.15	1.25	+5	+2	−2	+24	−1	−20	−3	+16	+4	−5	0	2.59
27509	H	05 49 32.08	−12 13 29.8	8.69		G	87.383 663 54	−12.224 946 93	A	3.65	0.72	−5.79	1.64	1.51	2.15	1.59	1.44	+14	+10	−27	−18	−58	+20	−53	+11	−33	+1	1	−0.20
27510		05 49 32.65	−00 40 54.7	7.62		H	87.386 060 63	−00.681 852 25		4.61	−1.44	−1.71	0.92	0.68	1.04	0.96	0.76	+6	+41	−17	−6	−11	+3	−12	−35	+7	−5	0	−0.03
27511		05 49 32.94	+12 39 04.9	4.89		H	87.387 264 46	+12.651 365 84		12.00	−21.63	−17.35	0.80	0.52	0.86	1.03	0.64	+17	+33	−4	−3	−24	+1	−23	−39	+3	+9	0	−1.78
27512		05 49 34.13	−44 52 31.5	6.38		G	87.392 205 14	−44.875 407 74		2.32	−3.13	5.76	0.50	0.51	0.58	0.56	0.55	+2	+0	+2	−21	−2	+21	−2	−7	+12	−2	0	−0.75
27513		05 49 35.41	+10 43 26.5	8.28		G	87.397 552 93	+10.724 024 13		6.40	20.95	9.91	1.11	0.70	1.22	0.95	0.76	+12	+56	+0	−23	−12	+1	−8	−50	−4	+31	0	−0.89
27514		05 49 36.14	−26 20 55.5	8.12		H	87.400 602 89	−26.348 752 33		5.86	1.20	−55.95	0.56	0.63	0.90	0.77	0.81	−4	−13	−11	−16	−10	+11	−8	−7	−2	−11	1	1.26
27515		05 49 36.40	−54 54 39.1	9.07		H	87.401 686 76	−54.910 873 47		7.91	9.09	66.89	0.83	0.80	0.89	0.89	1.08	+2	+6	+2	−10	−2	+7	−3	−10	−23	−3	0	−0.65
27516		05 49 36.45	−60 40 34.8	7.39		H	87.401 860 87	−60.676 320 10		2.00	9.39	11.88	0.58	0.58	0.61	0.67	0.66	−16	+12	−5	−10	−5	−15	−2	−4	+20	−34	0	−0.15
27517	H	05 49 36.55	−14 29 00.8	5.49		G	87.402 311 90	−14.483 549 87	A	10.51	−20.98	−47.58	0.69	0.60	0.93	0.73	0.61	−39	+30	−28	+7	−30	+14	−33	+16	−13	−6	1	−0.05
27518		05 49 37.51	−55 23 44.5	9.14	2	H	87.406 278 22	−55.395 696 87		1.54	−6.04	8.91	0.88	0.87	0.96	0.92	1.15	+4	+4	−11	+13	+4	+5	+5	+16	−28	−2	0	−0.45
27519		05 49 37.96	+21 49 44.5	8.84		H	87.408 156 72	+21.829 018 34		3.01	−8.75	−9.54	1.24	0.77	1.33	1.26	0.88	−5	+48	−15	+21	+21	−1	+9	+26	−19	+28	0	0.69
27520		05 49 38.57	+41 45 28.7	8.52		H	87.410 711 67	+41.757 978 46		1.95	−2.15	−4.78	0.96	0.68	1.23	1.12	0.71	−16	+38	−35	+23	+3	+28	+11	+22	−1	+3	0	0.85
27521		05 49 39.29	−04 27 23.6	8.43		H	87.413 707 73	−04.456 551 36		4.82	8.94	−25.21	1.42	1.04	1.63	1.37	1.13	−35	+67	−32	−35	+24	−22	+7	−54	−5	−25	0	−0.12
27522		05 49 39.38	−41 02 34.3	9.10		H	87.414 091 98	−41.042 868 00		1.58	−1.02	6.90	0.70	0.76	0.86	0.81	0.91	−9	+9	+3	+7	−2	+9	−2	+4	+5	−14	0	−0.89
27523		05 49 39.46	−28 34 00.7	9.54		H	87.414 429 80	−28.566 863 92		3.75	−2.13	−8.78	0.83	0.96	1.26	0.99	1.01	−4	+1	−25	−15	−4	+15	+0	−15	+0	−8	2	0.71
27524	H	05 49 41.26	−59 50 21.5	8.80		H	87.421 913 50	−59.839 318 87	A	7.07	4.67	28.41	1.65	1.60	1.52	1.63	1.59	−9	−18	+1	−23	−4	+1	−5	−9	+24	−20	0	0.37
27525		05 49 41.54	+38 41 50.5	7.92		H	87.423 082 86	+38.697 359 72		2.76	0.72	−7.76	0.94	0.67	1.06	1.17	0.75	−2	+33	−16	+29	+5	−14	+7	+57	+5	−15	0	0.07
27526	H	05 49 43.57	−28 19 13.4	10.11		H	87.431 561 12	−28.320 386 96	A	2.59	−11.84	−27.33	2.93	4.91	4.93	3.01	5.68	+14	−5	−15	−11	−13	+13	−12	−17	−1	+13	1	2.83
27527		05 49 45.68	+27 07 19.3	8.78		H	87.440 351 09	+27.122 036 52		28.10	80.40	−273.23	1.19	0.77	1.36	1.31	0.93	−3	+50	−39	+15	+13	+2	+17	+7	+5	+50	0	−1.00
27528		05 49 46.19	+32 58 23.3	8.46		H	87.442 438 21	+32.973 136 81		24.57	16.02	12.15	1.15	0.86	1.37	1.36	0.97	−25	+44	−40	+23	−9	+35	+17	−7	+23	+39	0	0.63
27529		05 49 49.50	+51 22 24.7	7.81		H	87.456 255 78	+51.373 538 86		5.39	−2.07	8.80	0.95	0.57	1.09	1.14	0.62	+42	+36	+16	+30	+29	−5	+32	+10	+22	+34	4	0.38
27530		05 49 49.58	−56 09 59.4	4.50		G	87.456 569 99	−56.166 488 60		18.78	81.61	−71.77	0.45	0.44	0.47	0.51	0.57	+5	−3	−4	+16	−1	−4	−1	+10	−16	+8	0	−1.15
27531		05 49 50.03	−72 24 47.7	9.86		G	87.458 437 96	−72.413 242 41		21.26	97.95	299.17	1.02	0.95	1.10	1.04	1.35	+0	+28	+23	−32	+0	+5	−14	−60	−34	−9	0	−0.63
27532		05 49 51.13	−43 21 52.9	7.58		H	87.463 031 82	−43.364 684 35		4.28	−4.30	19.38	0.54	0.55	0.62	0.55	0.69	+6	+19	+6	−19	−5	+2	−4	+19	+7	+5	0	0.05
27533		05 49 53.51	−22 58 18.9	5.87		H	87.472 956 36	−22.971 923 72		5.34	−15.31	21.41	0.33	0.44	0.64	0.41	0.49	−6	+20	−8	+30	−16	+7	−17	+2	−1	−15	1	−0.69
27534		05 49 53.55	−66 54 04.4	5.10		H	87.473 139 58	−66.901 230 90		6.37	−22.10	18.08	0.42	0.44	0.46	0.34	0.55	+4	+19	−15	−45	+1	−12	−2	−4	−3	+13	0	2.50
27535		05 49 53.64	+49 50 28.3	7.79		H	87.473 509 07	+49.841 191 29		6.17	5.39	−36.35	0.86	0.53	1.00	1.01	0.57	+44	+25	−9	+38	+47	−14	+45	+8	+25	+38	0	−1.28
27536		05 49 53.68	−00 11 00.9	9.34		H	87.473 654 27	−00.183 588 21		2.46	2.83	−3.41	1.23	0.99	1.44	1.39	1.09	+6	+28	−22	−19	−10	+1	−9	−46	+12	+1	2	−1.63
27537		05 49 54.19	−30 37 16.1	6.63		H	87.475 805 39	−30.621 129 98		6.28	21.04	−9.18	0.45	0.51	0.66	0.50	0.57	−10	+18	−13	+4	−4	+19	−4	−12	−13	−16	3	0.62
27538	H	05 49 55.53	+31 47 08.7	6.87		H	87.481 383 14	+31.785 745 00	A	7.06	10.56	−16.42	1.31	0.93	1.23	1.63	1.22	+15	+32	−23	+23	+32	−1	+32	+25	−1	+39	0	0.03
27539		05 49 56.02	−20 20 36.1	8.10		H	87.483 431 45	−20.343 353 76		3.42	11.46	2.48	0.57	0.65	1.03	0.86	0.77	+8	+17	−1	−17	−36	−5	−29	+9	−6	+8	0	−0.29
27540		05 49 56.60	+66 04 11.8	9.05		H	87.485 846 77	+66.069 951 60		−1.52	11.93	−28.00	0.67	0.95	1.37	0.77	1.02	+21	+22	−5	−2	+2	−2	−7	−19	−27	+11	0	0.04
27541		05 49 57.32	+60 34 07.9	8.69		H	87.488 813 72	+60.568 848 28		8.83	7.35	37.41	0.83	0.71	1.06	1.04	0.80	−4	+17	+11	−26	+26	−11	+22	−40	+5	−33	0	0.41
27542		05 49 57.59	−27 33 25.6	8.97		H	87.489 958 18	−27.557 120 26		0.70	6.01	10.55	0.63	0.77	1.02	0.77	0.84	−13	+11	−21	+10	−3	+5	−1	−7	+10	−10	0	1.44
27543		05 49 57.90	+11 43 06.8	8.71		H	87.491 264 13	+11.718 567 65		3.51	−1.01	−13.19	1.29	0.82	1.37	1.63	0.99	−15	+42	−10	−32	+20	+7	+14	−62	+3	−32	0	−0.82
27544		05 49 58.09	+14 52 48.6	8.38		H	87.492 034 74	+14.880 180 00		1.59	−6.24	−11.01	1.07	0.69	1.17	1.16	0.74	−22	+40	−22	−29	+12	+12	+17	−55	+9	−13	0	−2.16
27545		05 49 58.43	+00 09 12.0	7.91		G	87.493 468 33	+00.153 329 64		6.32	1.73	−12.41	0.90	0.75	1.10	1.05	0.80	−22	+32	−38	−20	+16	−17	+13	−48	+16	−19	0	0.29
27546		05 49 59.23	−69 41 06.0	8.56		H	87.496 780 95	−69.684 999 36		3.22	12.12	−5.18	0.81	0.67	0.82	1.10	1.02	−19	−1	−2	−30	+13	+16	+10	−52	−10	−30	0	0.15
27547		05 49 59.77	+59 40 23.2	9.57		H	87.499 021 10	+59.673 124 10		3.91	6.65	4.83	1.03	0.90	1.34	1.21	0.94	+14	+12	−5	−15	−1	−7	−4	−48	+12	+1	0	−0.29
27548		05 50 00.34	+30 33 37.0	9.06		H	87.501 412 94	+30.560 283 18		2.48	−1.68	−2.03	1.38	0.95	1.42	2.35	1.42	+14	−5	−28	+46	+22	−28	+20	+33	−3	+41	0	1.44
*27549	H	05 50 02.68	+09 52 16.4	5.79		G	87.511 152 93	+09.871 222 24	A	9.77	14.82	−1.68	0.92	0.66	0.88	0.78	0.59	−4	+47	−13	−14	+0	+3	+8	−33	+15	+9	1	−0.61
*27550		05 50 02.64	+22 33 19.7	8.05		H	87.511 018 93	+22.555 459 74		3.36	−6.58	−13.57	1.11	0.68	1.21	1.37	0.89	−8	+45	−1	+0	+25	+4	+11	−7	−21	−10	0	0.12
27551		05 50 03.13	−34 33 13.2	7.35	2	H	87.513 024 34	−34.553 664 09		1.54	4.19	13.71	0.49	0.54	0.65	0.53	0.58	+0	+13	−13	−5	−12	+6	−11	−7	+7	−11	1	−0.27
27552	H	05 50 03.28	−05 53 53.1	8.16		G	87.513 671 75	−05.898 076 90	A	5.65	−7.20	−30.25	1.65	1.27	1.70	1.57	1.32	+44	+34	+14	−34	−42	−23	−47	−43	−24	+34	1	−0.02
27553	H	05 50 03.41	+39 34 34.7	8.61		G	87.514 189 71	+39.576 298 44	A	3.01	−4.72	−2.02	2.14	1.42	2.08	2.41	1.45	−8	+19	+4	+19	+22	+17	+12	+26	−18	−22	3	1.81
27554		05 50 06.43	+45 05 32.8	8.15		H	87.526 801 26	+45.092 434 99		5.25	−1.28	−0.27	0.93	0.75	1.04	1.28	0.95	−3	+14	−15	+43	+0	−26	−2	+52	+10	−12	0	1.20
27555		05 50 09.35	−32 48 33.2	6.84		G	87.538 959 63	−32.809 219 62		5.46	−7.22	−17.82	0.44	0.54	0.66	0.49	0.62	+3	+14	−6	+5	−6	+24	−6	−5	−6	−3	1	1.32
27556	H	05 50 09.73	−55 36 51.7	8.05		H	87.540 548 69	−55.614 355 00	A	6.49	14.71	−18.58	2.10	2.03	1.40	1.77	1.89	+20	−1	−7	+20	+1	+8	+2	+14	−20	−5	2	−0.19
27557		05 50 11.13	−30 50 08.0	8.37		H	87.546 358 77	−30.835 557 69		6.41	−3.50	13.02	0.63	0.72	0.92	0.72	0.81	−10	+26	−8	+29	−10	+29	−14	−22	−10	−18	1	−0.72
27558		05 50 11.29	−50 53 38.9	9.32		H	87.547 026 91	−50.894 129 31		6.96	−24.92	−27.84	0.79	0.84	0.90	0.87	1.04	−8	+9	+3	−8	+6	−8	+5	+12	−21	−5	0	−1.26
27559		05 50 11.91	−55 04 53.0	7.42		G	87.549 625 73	−55.081 389 03		12.74	2.78	75.39	0.56	0.55	0.60	0.60	0.71	−2	+4	−9	+10	+1	+6	+1	+6	−20	−6	0	−1.08
27560		05 50 13.06	+04 25 24.6	5.96		G	87.554 418 00	+04.423 499 01		6.43	7.86	−38.28	0.76	0.52	0.82	0.79	0.60	+17	+37	−15	−18	−15	−4	−12	−24	+5	+33	0	0.47
27561		05 50 13.14	+02 24 53.5	8.95		H	87.554 769 30	+02.414 852 50		1.40	0.30	−1.59	1.07	0.74	1.18	1.10	0.82	−18	+36	−30	−31	+8	−8	+11	−36	+14	+0	0	1.32
27562		05 50 13.18	+26 57 44.1	8.66	2	H	87.554 908 31	+26.962 254 34		12.31	−81.59	−85.08	1.17	0.81	1.35	1.39	0.97	−3	+41	−45	+21	+24	−7	+23	+20	−3	+51	3	1.06
27563		05 50 13.64	−24 06 39.6	8.08		H	87.556 830 80	−24.111 013 70		3.36	−10.86	−13.23	0.39	0.63	0.93	0.48	0.84	+1	+6	+1	−2	−5	−2	−7	−6	−26	−5	2	0.00
27564		05 50 16.53	−55 03 12.6	7.13		H	87.568 895 15	−55.053 491 10		5.73	8.91	64.46	0.58	0.58	0.63	0.62	0.75	−5	+7	−17	+6	+3	+5	+3	+8	−19	−8	0	−2.38
27565		05 50 16.66	+05 55 44.3	9.61		H	87.569 399 37	+05.928 967 39		3.13	16.62	−15.24	1.46	1.31	1.92	2.03	1.43	−9	+26	−59	−27	−36	+28	−8	−62	+40	+24	3	0.90
27566		05 50 16.80	−79 21 41.5	5.46		H	87.569 997 17	−79.361 522 92		12.06	−4.50	65.95	0.43	0.42	0.46	0.46	0.54	−11	+26	−11	−7	+6	−10	+6	+6	−5	−25	1	0.24
27567	H	05 50 17.75	+16 34 20.3	9.21	2	G	87.573 946 44	+16.572 297 61	*	1.66	4.37	−10.13	1.42	0.82	1.51	1.90	0.92	+3	+37	+4	−23	−11	+2	−12	−54	+2	−27	2	0.25
27568		05 50 18.72	−62 04 48.4	7.84		H	87.578 006 69	−62.080 117 65		11.56	−35.38	−34.68	0.62	0.68	0.65	0.64	0.88	−7	−1	−13	+22	−4	+6	−6	+36	−8	+1	0	1.18
27569		05 50 18.90	+18 56 44.6	8.09		H	87.578 763 14	+18.945 722 45		−1.96	−5.43	−6.46	1.39	0.89	1.38	1.60	0.85	+27	+29	−5	−17	−58	−5	−48	−69	+13	+27	2	−0.34
27570		05 50 19.75	−67 03 03.8	8.34		H	87.582 294 36	−67.051 067 44		5.67	−2.92	22.68	0.64	0.65	0.66	0.68	0.69	+9	+15	−12	−10	−17	+6	−18	−26	+5	−8	0	3.07
27571		05 50 21.53	+32 00 01.9	9.62		H	87.589 692 15	+32.000 531 40		1.06	5.72	−9.20	1.95	1.31	2.14	2.29	1.69	−17	+53	−35	+18	+4	+8	+4	+16	−5	+21	0	−1.51
27572		05 50 23.47	−48 59 11.0	7.19		G	87.597 799 81	−48.986 400 73		4.16	11.31	10.97	0.54	0.51	0.61	0.62	0.60	−6	+27	+5	−1	−1	+8	−9	+4	−31	−20	0	−0.97
27573		05 50 23.85	+04 57 24.3	7.41		H	87.599 373 22	+04.956 743 86		6.52	0.91	−1.22	1.00	0.71	0.91	1.17	0.85	+45	+23	−20	−55	−54	+4	−49	−61	+13	+60	3	−0.87
27574		05 50 24.13	+01 46 43.3	9.11		G	87.600 544 69	+01.778 681 36		2.03	3.29	−1.27	1.24	0.87	1.37	1.41	1.00	−13	+43	−32	−15	+6	−16	+6	−35	+12	+2	0	0.38
27575		05 50 25.78	−23 14 08.1	9.22		H	87.607 428 58	−23.235 596 32		1.77	−6.41	8.20	0.51	0.83	1.23	0.66	1.01	+1	+12	−15	+28	−7	+0	−8	+15	−9	+3	0	−0.25
27576		05 50 26.74	+75 42 52.9	7.62		H	87.611 400 94	+75.714 686 76		16.42	−19.37	−18.73	0.48	0.59	0.75	0.59	0.68	−3	+18	+1	+6	+6	−2	+5	+12	+1	+9	1	1.38
27577		05 50 27.09	−09 41 04.0	8.27		H	87.612 861 52	−09.684 447 29		6.79	5.47	−3.17	0.87	0.64	1.09	0.96	0.59	+29	+7	−33	−27	−58	+32	−50	+3	−17	+24	0	0.53
27578		05 50 27.34	−43 42 00.5	8.71		G	87.613 930 79	−43.700 143 21		19.96	33.84	205.99	0.69	0.69	0.77	0.71	0.85	+0	+4	+10	−27	−6	−7	−10	+14	−1	+8	0	−0.33
27579		05 50 28.56	−37 37 16.7	7.01	1	H	87.619 016 21	−37.621 303 04		1.85	1.16	27.61	0.49	0.53	0.62	0.53	0.61	−2	+5	−9	+0	−7	+4	−8	−5	+2	−11	0	0.17
27580		05 50 28.62	−04 58 37.5	8.96		H	87.619 270 74	−04.977 072 22		3.06	−3.76	−3.06	1.19	1.02	1.43	1.35	1.19	−13	+49	−28	−18	+6	−15	+3	−47	+1	+5	0	1.30
*27581		05 50 28.90	+14 18 20.5	5.54		G	87.620 431 48	+14.305 698 94		10.44	4.42	−37.43	1.15	0.74	1.09	1.63	0.82	+42	+6	−17	−46	−43	+26	−37	−57	+17	+14	0	−0.87
*27582		05 50 28.86	+31 03 54.8	8.16		H	87.620 268 21	+31.065 212 40		0.95	−1.36	−3.52	1.20	0.92	1.18	1.98	1.53	+28	+30	−29	+51	+38	+5	+41	+48	+11	+67	0	−1.67
*27583	H	05 50 28.83	−52 46 04.5	6.32		H	87.620 120 03	−52.767 905 24	*	3.69	−7.54	10.65	0.46	0.48	0.51	0.48	0.52	+4	−4	+4	+0	−12	+6	−11	+5	−15	+2	0	−0.17
27584		05 50 28.96	+32 12 40.2	10.53		H	87.620 670 77	+32.211 158 49		−4.29	1.61	−1.69	2.14	1.48	2.37	2.71	1.93	−10	+43	−27	+16	−4	+5	−4	+7	−9	+25	0	0.94
27585		05 50 29.68	+20 26 39.1	8.85		H	87.623 667 63	+20.444 192 94		0.93	2.14	−4.69	1.46	0.96	1.58	1.86	1.00	+33	+13	−27	−37	−47	+32	−35	−71	+25	+43	0	−1.82
27586		05 50 29.81	−08 59 05.3	9.26		H	87.624 202 17	−08.984 792 70		2.40	−10.14	−1.31	0.94	0.68	1.14	0.96	0.62	+32	+14	−5	−29	−57	+6	−53	+9	−24	+25	0	0.48
27587		05 50 29.85	+13 23 00.1	8.75		H	87.624 392 26	+13.383 365 77		1.28	−1.27	−5.87	1.07	0.74	1.19	1.23	0.85	+21	+26	−17	−17	−23	+13	−16	−44	+10	+36	0	0.56
27588		05 50 30.03	+02 01 29.0	5.97		G	87.625 105 83	+02.024 716 82		2.89	0.51	−6.94	0.73	0.50	0.83	0.73	0.55	−19	+46	−30	−17	+12	−11	+16	−28	+13	+4	0	0.67
27589	H	05 50 32.10	−03 10 04.8	8.68		H	87.633 768 25	−03.167 991 61	*	4.89	−10.46	−6.50	2.16	1.59	1.75	1.63	1.42	−15	+39	−16	−34	+26	−22	+19	−51	+3	−25	0	0.18
27590		05 50 32.28	+18 01 35.0	7.72		G	87.634 512 81	+18.026 377 12		1.69	−2.00	−6.56	0.87	0.47	0.96	0.79	0.47	−4	+54	−12	−2	−19	−1	−13	−46	+1	+9	0	−0.99
27591		05 50 33.74	+47 27 39.8	7.40	2	H	87.640 566 31	+47.461 050 11		1.38	17.85	−9.59	0.95	0.60	0.99	1.09	0.61	+17	+30	−11	+31	+46	+5	+42	+13	+4	+25	0	−1.00
27592		05 50 33.89	+56 55 08.2	6.53		H	87.641 225 71	+56.918 947 67		7.40	−18.98	−3.76	0.58	0.45	0.73	0.64	0.43	−2	+25	+9	+2	+22	+14	+16	−29	−7	−5	2	1.16
27593		05 50 34.72	+59 42 36.4	9.06		H	87.644 650 90	+59.710 109 77		4.15	−6.69	−10.36	0.90	0.82	1.22	1.04	0.87	+12	+18	−1	−12	−2	−10	−4	−47	+14	−1	2	1.33
27594		05 50 35.03	+18 55 21.1	8.88		H	87.645 953 78	+18.922 527 14		5.53	−7.22	−26.18	1.57	1.04	1.58	1.91	1.00	+26	+16	−5	−16	−57	−8	−49	−69	+18	+22	2	2.29
27595		05 50 35.56	+42 58 57.4	8.48		G	87.648 169 52	+42.982 600 63		8.61	21.22	−42.25	1.03	0.74	1.18	1.05	0.72	−4	+37	−24	+31	+35	+2	+24	+35	−18	+13	0	−1.85
27596		05 50 35.65	−63 34 52.0	8.76		H	87.648 549 83	−63.581 119 73		7.28	−17.39	−4.86	0.65	0.71	0.72	0.74	0.87	−12	+7	+1	−1	−6	−13	−4	+3	+19	−26	0	3.16
27597		05 50 35.88	+10 32 32.6	8.60		H	87.649 482 90	+10.542 394 54		4.14	7.80	−4.04	1.15	0.72	1.34	0.98	0.73	−31	+55	−36	−15	+0	+13	+23	−51	+26	+13	0	0.17
27598		05 50 37.34	+44 00 41.4	7.59		G	87.655 564 93	+44.011 498 32		7.37	−18.31	3.90	0.83	0.65	0.96	1.03	0.74	+4	+31	−27	+28	+3	+12	+9	+21	+7	+27	0	−0.20
27599		05 50 37.42	−53 25 01.9	7.99		H	87.655 927 92	−53.417 196 90		6.96	−10.65	−26.09	0.58	0.57	0.63	0.65	0.70	+0	−6	−12	+3	−2	+8	−1	+16	−21	+4	0	0.09
27600	H	05 50 37.83	−01 25 46.0	7.85		G	87.657 605 37	−01.429 437 95	A	5.52	18.41	−28.92	2.47	1.90	2.38	2.63	1.97	−20	+24	−22	−11	+8	−2	+1	−29	−8	−31	3	10.15

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
27501	8.900	0.015	8.349	0.014		0.559	0.015	G	0.63	0.01	H	8.3938	0.0015	0.013	88		8.37	8.42		C			1							
27502	8.203	0.008	7.846	0.009		0.358	0.003	G	0.42	0.00	H	7.9155	0.0018	0.022	108		7.89	7.95		U 2			1 G							S
27503	9.489	0.020	8.958	0.019	*	0.526	0.015	G	0.60	0.02	H *	8.8765	0.0015	0.011	93	*	8.86	8.90		D	05494+3611	I 1	2 C	A	AB	30	0.769	0.003	0.23	0.02	
27504	8.548	0.014	8.554	0.018		−0.001	0.021	T	0.02	0.02	L	8.5553	0.0014	0.013	69		8.54	8.58		C			1							
27505	7.873	0.008	7.961	0.010		−0.106	0.002	G	−0.09	0.00	H	7.9808	0.0011	0.012	124		7.96	8.00		D			1							S
27506	9.360	0.017	9.281	0.021	A	0.082	0.100	G	0.02	0.04	L *	8.8405	0.0020	0.019	102	*	8.82	8.88		D	05495−1234	H 1	2 C	A	AB	168	1.915	0.003	0.14	0.01	
27507	10.401	0.039	9.883	0.036		0.486	0.048	T	0.56	0.05	L	9.9596	0.0032	0.028	71		9.93	10.02					1							G
27508	11.058	0.059	9.497	0.026		1.310	0.051	T	1.27	0.05	L	9.4824	0.0023	0.022	104		9.45	9.52		C			1							
27509	10.043	0.030	8.781	0.018	A	1.081	0.134	G	0.95	0.02	L *	8.8156	0.0023	0.018	95	*	8.79	8.85			05495−1213	I 1	2 C	B	AB	308	8.779	0.053	3.56	0.26	
27510	7.548	0.006	7.602	0.009		−0.061	0.012	G	−0.04	0.01	H	7.6058	0.0016	0.013	71		7.58	7.63					1							S
27511	4.805	0.003	4.871	0.002		−0.068	0.004	G	−0.05	0.01	G	4.8712	0.0006	0.004	86		4.86	4.88		C	05495+1239	I 1	1							S
27512	7.993	0.008	6.509	0.005		1.262	0.009	G	1.21	0.04	E	6.5506	0.0009	0.008	105		6.54	6.57		C			1							S
27513	8.789	0.014	8.327	0.013		0.473	0.015	G	0.54	0.02	H	8.3845	0.0014	0.011	78		8.36	8.40		C			1							
27514	8.426	0.008	8.157	0.008		0.253	0.012	T	0.28	0.01	L	8.1920	0.0015	0.016	164		8.17	8.23					1							S
27515	9.706	0.019	9.140	0.018		0.534	0.019	T	0.61	0.02	L	9.1864	0.0017	0.020	101		9.15	9.22					1							
27516	9.409	0.017	7.555	0.008		1.541	0.015	T	1.60	0.03	L	7.5050	0.0015	0.012	101		7.48	7.53					1							S
27517	6.528	0.005	5.551	0.004	*	0.870	0.002	G	0.80	0.04	E *	5.6459	0.0009	0.007	132	*	5.64	5.66		D	05496−1429	I 1	2 C	A	AB	166	2.377	0.007	2.52	0.02	S
27518	10.305	0.034	9.205	0.022		0.949	0.032	T	0.94	0.02	L	9.3025	0.0023	0.025	96		9.22	9.35		U 2			1							
27519	9.084	0.021	8.846	0.024		0.227	0.030	T	0.25	0.03	L	8.9039	0.0027	0.017	51		8.88	8.94		C	05496+2150	I 1	1							
27520	10.043	0.033	8.636	0.018		1.189	0.029	T	1.15	0.03	L	8.6869	0.0016	0.010	67		8.67	8.71		C			1							
27521	9.691	0.042	8.544	0.026		0.986	0.038	T	0.97	0.03	L	8.6020	0.0014	0.010	54		8.58	8.62		C	05496−0427	I 1	1							
27522	10.651	0.040	9.277	0.021		1.163	0.035	T	1.12	0.03	L	9.2641	0.0017	0.018	94		9.24	9.29		C			1							
27523	10.858	0.039	9.637	0.022		1.043	0.035	T	1.01	0.03	L	9.7051	0.0030	0.030	156		9.66	9.75					1							
27524	9.141	0.018	8.635	0.020	*	0.486	0.021	T	0.56	0.02	L *	8.9020	0.0022	0.016	110	*	8.87	8.93		D	05497−5950	I 1	2 C	A	AB	195	2.691	0.005	0.40	0.01	
27525	8.423	0.013	7.985	0.011		0.506	0.015	G	0.58	0.02	H	8.0309	0.0010	0.009	80		8.02	8.05		C			1							S
27526	10.619	0.041	9.999	0.037	*	0.577	0.048	T	0.65	0.04	L *	10.2382	0.0037	0.043	160	*	10.14	10.30		D	05497−2819	I 1	2 C	A	AB	173	5.577	0.009	0.22	0.03	G
27527	9.963	0.036	8.890	0.024		0.929	0.033	T	0.92	0.02	L	8.9493	0.0033	0.022	63		8.91	8.99		R			1							
27528	9.333	0.022	8.516	0.018		0.721	0.022	T	0.77	0.02	L	8.6005	0.0019	0.016	52		8.58	8.63		C	05498+3258	I 1	1							
27529	9.423	0.016	7.953	0.009		1.238	0.014	T	1.20	0.01	L	7.9745	0.0013	0.014	130		7.95	8.00		C			1							
27530	5.900	0.004	4.619	0.002		1.075	0.052	G	1.06	0.02	A	4.6622	0.0008	0.006	99		4.65	4.67					1							S
27531	10.968	0.051	9.993	0.033		0.864	0.003	G	0.91	0.00	H	9.9880	0.0022	0.019	90		9.96	10.02		C			1							
27532	7.412	0.006	7.545	0.009		−0.132	0.005	G	−0.12	0.01	H	7.5355	0.0009	0.009	103		7.52	7.55					1							S
27533	5.932	0.002	5.871	0.002		0.055	0.001	G	0.07	0.00	H	5.8940	0.0004	0.005	238		5.89	5.90		C			1							S
27534	4.929	0.002	5.078	0.003		−0.128	0.003	T	−0.12	0.00	L	5.0585	0.0005	0.005	102		5.05	5.07		C			1							S
27535	7.867	0.006	7.801	0.006		0.066	0.008	T	0.08	0.01	L	7.8146	0.0010	0.012	158		7.79	7.84		C			1							S
27536	9.368	0.019	9.338	0.025		0.032	0.029	T	0.05	0.02	L	9.3568	0.0023	0.018	71		9.32	9.39					1							
27537	7.833	0.007	6.731	0.004		0.951	0.006	T	0.94	0.00	L	6.7938	0.0009	0.010	139		6.78	6.81		C			1							S
27538	7.063	0.012	6.849	0.015	*	0.204	0.018	T	0.22	0.02	L *	6.9316	0.0014	0.007	49	*	6.91	6.95		D	05499+3148	I 1	2 C	A	AB	62	3.734	0.005	1.10	0.02	S
27539	9.343	0.011	8.215	0.008		0.971	0.011	T	0.96	0.01	L	8.2635	0.0012	0.017	184		8.24	8.30					1							
27540	10.904	0.040	9.234	0.016		1.396	0.034	T	1.37	0.04	L	9.1926	0.0020	0.021	148		9.15	9.24		C			1							
27541	9.198	0.015	8.734	0.015		0.437	0.019	T	0.51	0.02	L	8.7862	0.0017	0.019	111		8.76	8.82					1							
27542	10.238	0.023	9.092	0.015		0.985	0.021	T	0.97	0.02	L	9.1320	0.0023	0.022	156		9.09	9.17					1							
27543	9.974	0.034	8.786	0.021		1.018	0.031	T	0.99	0.03	L	8.8752	0.0016	0.011	65		8.86	8.89		C			1							
27544	8.484	0.011	8.391	0.013		0.091	0.016	T	0.10	0.02	L	8.4149	0.0015	0.011	87		8.39	8.44		C			1							
27545	8.125	0.010	7.919	0.011		0.161	0.006	G	0.18	0.01	H	7.9665	0.0017	0.011	71		7.95	7.99		C			1							S
27546	10.361	0.035	8.712	0.016		1.379	0.030	T	1.35	0.04	L	8.7128	0.0017	0.013	93		8.69	8.74		C			1							
27547	11.648	0.091	9.704	0.026		1.613	0.075	T	1.63	0.08	L	9.6860	0.0018	0.019	111		9.64	9.73					1							
27548	9.168	0.022	9.118	0.028		0.206	0.015	G	0.23	0.02	H	9.1201	0.0029	0.016	49		9.09	9.14		C			1							
27549	6.912	0.007	5.894	0.004	*	0.876	0.002	G	0.84	0.04	E *	5.9456	0.0007	0.005	74	*	5.94	5.96		D	05500+0952	M 1	2 C	A	AB	268	0.932	0.005	2.24	0.02	S
27550	10.259	0.052	8.246	0.019		1.668	0.044	T	1.69	0.04	L	8.1530	0.0028	0.018	53		8.13	8.18		R			1	S						
27551	9.510	0.014	7.559	0.006		1.654	0.013	T	2.09	0.04	O	7.4278	0.0016	0.019	149		7.39	7.46		U 2	05501−3433	I 1	1							S
27552	9.441	0.018	8.294	0.012	A	0.722	0.126	G	0.92	0.02	L *	8.3345	0.0030	0.016	85	*	8.31	8.37			05501−0554	I 1	2 C	A	AB	277	1.084	0.036	3.09	0.09	S
27553	9.048	0.033	8.958	0.040	A	0.090	0.015	G	0.10	0.02	H *	8.6456	0.0024	0.014	69	*	8.63	8.68		D	05500+3934	I 1	2 C	A	AB	91	4.987	0.008	0.89	0.02	
27554	8.284	0.013	8.160	0.015		0.100	0.015	G	0.11	0.02	H	8.1934	0.0016	0.013	60		8.17	8.21		D	05501+4506	I 1	1							
27555	6.884	0.004	6.835	0.005		0.043	0.002	G	0.06	0.00	H	6.8534	0.0008	0.008	130		6.84	6.87		C			1							S
27556	8.729	0.012	8.160	0.011	*	0.536	0.012	T	0.61	0.01	L *	8.1654	0.0020	0.013	97	*	8.15	8.19		D	05502−5537	I 1	2 C	A	AS	138	0.508	0.003	0.04	0.01	S
27557	8.773	0.011	8.416	0.011		0.347	0.014	T	0.41	0.02	L	8.4526	0.0014	0.015	135		8.42	8.48		C			1							S
27558	9.963	0.023	9.419	0.022		0.517	0.024	T	0.59	0.03	L	9.4369	0.0019	0.020	111		9.41	9.48		C			1							
27559	7.833	0.007	7.443	0.008		0.369	0.010	T	0.43	0.01	L	7.5050	0.0011	0.010	97		7.49	7.52					1							S
27560	7.749	0.009	6.105	0.004		1.361	0.002	G	1.34	0.03	G	6.1064	0.0009	0.006	73		6.09	6.12		C			1							S
27561	9.109	0.016	8.951	0.019		0.152	0.023	T	0.17	0.02	L	9.0025	0.0019	0.014	70		8.98	9.02		C			1							
27562	9.369	0.028	8.752	0.026		0.574	0.033	T	0.65	0.03	L	8.7846	0.0125	0.091	58		8.68	9.00	0.34	P 1 A			1							
27563	9.769	0.013	8.228	0.007		1.294	0.012	T	1.25	0.01	L	8.2395	0.0011	0.015	239		8.22	8.27		C			1							
27564	8.575	0.011	7.240	0.007		1.132	0.010	T	1.10	0.01	L	7.3007	0.0011	0.009	99		7.28	7.32					1							S
27565	10.119	0.035	9.632	0.034		0.458	0.044	T	0.53	0.05	L	9.7110	0.0031	0.025	65		9.68	9.76		C			1							G
27566	5.365	0.003	5.444	0.003		−0.076	0.001	G	−0.06	0.00	H	5.4416	0.0006	0.006	109		5.43	5.45					1							S
27567	11.234	0.074	9.178	0.021	*	0.141	0.140	G	0.16	0.14	R *	9.1253	0.0052	0.034	86	*	9.09	9.19		U 2	05503+1634	H 1	2 C	S A	AB	0	0.142	0.012	1.15	0.40	
27568	8.311	0.009	7.864	0.010		0.435	0.011	T	0.50	0.01	L	7.9365	0.0016	0.013	117		7.92	7.96		C			1							S
27569	9.664	0.018	8.220	0.010		1.218	0.016	T	1.18	0.02	L	8.2508	0.0016	0.011	109		8.23	8.27					1							
27570	8.642	0.018	8.374	0.020		0.252	0.028	T	0.28	0.04	L	8.4085	0.0017	0.014	105		8.39	8.43					1							S
27571	11.266	0.101	9.828	0.048		1.213	0.088	T	1.17	0.09	L	9.7836	0.0053	0.024	47		9.73	9.83					1							G
27572	8.346	0.010	7.294	0.007		0.914	0.002	G	0.91	0.00	H	7.3417	0.0012	0.009	102		7.33	7.36					1							S
27573	7.443	0.007	7.421	0.011		0.025	0.012	T	0.04	0.01	L	7.4247	0.0014	0.011	77		7.40	7.44					1							S
27574	9.134	0.018	9.145	0.024		0.031	0.019	G	0.05	0.01	H	9.1188	0.0020	0.016	65		9.09	9.15		C			1							
27575	9.494	0.011	9.242	0.013		0.240	0.016	T	0.27	0.02	L	9.2921	0.0017	0.030	257		9.25	9.35					1	S						
27576	8.249	0.008	7.681	0.007		0.531	0.009	T	0.60	0.01	L	7.7395	0.0011	0.010	153		7.72	7.76		C			1							S
27577	8.494	0.012	8.294	0.013		0.191	0.017	T	0.21	0.02	L	8.3304	0.0016	0.013	99		8.31	8.35					1	S						
27578	9.558	0.017	8.824	0.015		0.678	0.013	G	0.74	0.01	H	8.8556	0.0016	0.018	106		8.83	8.89		C			1							
27579	9.116	0.013	7.205	0.006		1.587	0.011	T	1.61	0.01	L	7.1255	0.0012	0.014	125		7.10	7.15		M	05505−3737	I 1	1	S						S
27580	9.089	0.017	8.964	0.021		0.090	0.015	G	0.10	0.02	H	8.9926	0.0018	0.017	65		8.97	9.04					1							
27581			6.177	0.007		1.006	0.005	G	0.93	0.04	E	5.7182	0.0004	0.004	73		5.71	5.73					1							S
27582	8.145	0.014	8.136	0.018		0.013	0.021	T	0.03	0.02	L	8.1761	0.0019	0.011	54		8.16	8.20		C			1							
27583	7.249	0.005	6.421	0.004	*	0.746	0.005	T	0.79	0.00	L *	6.4682	0.0008	0.008	124	*	6.46	6.49		D	05505−5246	I 1	2 C	S A	AB	213	0.129	0.005	0.35	0.28	S
27584	12.709	0.503	10.910	0.167							T	10.6774	0.0049	0.027	49		10.58	10.72					1	S						G
27585	9.006	0.014	8.883	0.017		0.119	0.021	T	0.13	0.02	L	8.8927	0.0018	0.015	93		8.87	8.92		C	05505+2027	I 1	1							
27586	9.436	0.017	9.257	0.020		0.171	0.025	T	0.19	0.03	L	9.3166	0.0015	0.013	126		9.29	9.34					1							
27587	8.873	0.014	8.761	0.017		0.109	0.021	T	0.12	0.02	L	8.7961	0.0016	0.017	74		8.78	8.83		C			1							
27588	7.041	0.006	6.072	0.005		0.953	0.001	G	0.94	0.00	H	6.0966	0.0011	0.008	67		6.08	6.11					1							S
27589	9.281	0.020	8.731	0.019	*	0.515	0.025	T	0.59	0.03	L *	8.7964	0.0024	0.018	72	*	8.77	8.83		D	05505−0310	H 1	2 C	A	AB	354	0.296	0.004	0.05	0.05	
27590	7.613	0.006	7.704	0.009		−0.080	0.015	G	−0.06	0.02	H	7.6934	0.0011	0.012	138		7.67	7.71		C			1							S
27591	9.926	0.032	7.676	0.011		1.857	0.027	T	1.89	0.03	L	7.4912	0.0060	0.034	72		7.45	7.54		U 2 C			1	S						P
27592	6.671	0.004	6.537	0.005		0.129	0.006	T	0.14	0.01	L	6.5794	0.0010	0.009	110		6.57	6.60		C	05506+5655	I 1	1							S
27593	10.694	0.048	9.212	0.021		1.248	0.041	T	1.21	0.04	L	9.2164	0.0026	0.021	113		9.17	9.26					1							
27594	9.379	0.014	8.908	0.014		0.444	0.018	T	0.51	0.02	L	8.9801	0.0018	0.018	112		8.95	9.01		C			1							
27595	9.094	0.017	8.511	0.016		0.520	0.015	G	0.59	0.02	H	8.5957	0.0018	0.014	70		8.57	8.61		C			1							
27596	9.265	0.016	8.814	0.016		0.439	0.018	T	0.51	0.02	L	8.8600	0.0018	0.016	112		8.83	8.89		C			1							
27597	8.756	0.014	8.616	0.017		0.135	0.021	T	0.15	0.02	L	8.6532	0.0014	0.013	76		8.64	8.68		C			1							
27598	7.764	0.011	7.581	0.011		0.175	0.015	T	0.19	0.02	L	7.6330	0.0011	0.011	61		7.62	7.66		C			1							S
27599	8.296	0.010	8.014	0.010		0.248	0.010	G	0.28	0.01	H	8.0584	0.0012	0.012	104		8.04	8.08					1							S
27600	9.283	0.027	7.983	0.017	A	1.060	0.015	G	1.03	0.01	H *	7.9879	0.0034	0.031	61	–	7.93	8.02		D	05506−0126	I 2	2 C	P D	AB	94	1.079	0.026	2.41	0.14	S X

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
27601		05 50 38.02	−71 52 17.2	9.26		H	87.658 428 30	−71.871 440 27		5.58	12.20	19.97	0.79	0.75	0.85	0.90	1.11	−15	+11	+3	−21	+5	+6	−2	−49	−9	−24	0	−1.09
27602		05 50 38.39	+01 41 58.8	7.97		H	87.659 966 16	+01.699 669 55		7.16	−6.55	1.28	1.02	0.73	1.30	1.24	0.86	−2	+34	−26	−16	+12	−31	+1	−23	−13	+16	0	−0.41
27603		05 50 39.01	−65 15 36.7	7.99		H	87.662 523 56	−65.260 195 12		3.81	3.47	28.21	0.58	0.54	0.63	0.53	0.59	−5	+35	−7	−28	+10	−15	+12	−27	+8	+1	1	0.53
27604		05 50 39.51	−01 25 46.4	9.38		G	87.664 640 36	−01.429 547 55	C	5.52	−3.56	65.47	26.06	20.22	2.38	18.29	13.52	+4	+3	−3	−3	−10	+1	−15	−28	+0	−19	3	10.15
27605		05 50 39.76	+27 30 18.3	7.13		G	87.665 657 83	+27.505 079 10		10.40	−23.51	−22.07	1.30	0.76	1.19	3.83	2.88	+40	+58	−4	+9	+26	−17	+14	+22	−9	+94	0	0.73
27606		05 50 41.38	−17 07 44.1	8.82		H	87.672 415 32	−17.128 930 31		1.35	0.33	−3.62	0.82	0.77	1.16	0.98	0.85	−9	+29	−16	+31	−31	+9	−26	+24	−5	+10	0	0.87
27607		05 50 44.67	+49 03 57.8	8.40		H	87.686 135 62	+49.066 060 57		5.13	−1.20	−45.44	0.83	0.56	1.05	1.07	0.59	+29	+14	+7	+20	+25	−10	+21	−18	+14	+19	0	−0.09
27608		05 50 44.81	+43 41 21.8	8.39		H	87.686 725 36	+43.689 376 78		1.27	0.68	−0.56	0.95	0.71	1.07	1.04	0.74	−5	+32	−23	+34	+11	+5	+10	+31	−7	+12	0	−0.57
27609	H	05 50 45.24	−29 06 40.6	8.31		H	87.688 515 97	−29.111 273 84	A	19.91	16.40	162.76	0.91	1.13	1.27	0.97	1.21	−15	+13	−9	−2	+8	+2	+10	−10	+8	−15	1	0.16
27610		05 50 46.71	+20 40 18.7	7.80		H	87.694 638 00	+20.671 850 10		4.72	7.56	−20.18	1.15	0.81	1.19	1.44	0.84	+40	+10	−27	−36	−55	+30	−44	−73	+25	+50	0	−0.33
27611	H	05 50 47.60	−39 45 01.1	8.12		H	87.698 325 66	−39.750 292 02	A	8.78	8.66	−34.86	3.99	4.33	3.56	3.47	3.84	−8	+2	−1	+4	−3	−9	−14	+8	+1	−8	0	1.05
27612		05 50 47.77	+26 03 15.7	7.62		H	87.699 030 63	+26.054 355 27		8.88	−0.06	−34.17	1.27	0.76	1.12	1.20	0.83	+50	+51	+10	+26	+16	+3	+17	+17	+10	+44	0	1.38
27613		05 50 48.19	+27 41 09.4	7.47	2	H	87.700 781 23	+27.685 941 76		1.98	−3.57	−20.02	1.00	0.66	1.10	1.25	0.86	+0	+37	−21	+8	+8	+10	+14	−2	+8	+38	0	−0.24
27614	H	05 50 48.66	+14 26 36.2	6.75		G	87.702 734 63	+14.443 394 84	A	2.25	5.09	−13.45	1.33	0.92	1.24	1.49	0.89	+6	+24	−20	−49	−9	+23	−4	−65	+15	−16	1	1.00
27615		05 50 50.14	+54 01 57.4	9.05		H	87.708 904 32	+54.032 605 56		1.04	0.30	−3.87	1.11	0.68	1.26	1.23	0.72	+31	+31	+17	+24	+31	+10	+34	−1	+20	+38	0	0.27
27616		05 50 50.23	−10 11 59.7	9.61		G	87.709 297 94	−10.199 923 75		6.32	12.45	2.14	1.04	0.84	1.35	1.06	0.85	+21	+14	−14	−17	−41	+5	−40	+8	−18	+16	0	0.42
27617		05 50 50.91	+40 18 11.6	9.48		H	87.712 116 50	+40.303 227 95	A	3.39	4.42	−4.46	9.89	7.06	9.77	13.71	7.68	−20	+24	−10	+12	+28	+24	+18	+29	−21	−32	0	−1.89
27618		05 50 51.38	+14 02 52.9	6.59		H	87.714 103 57	+14.048 029 80		5.97	18.65	11.71	1.05	0.68	1.11	1.59	0.78	+19	+11	−26	−41	−32	+27	−22	−60	+18	+4	0	−0.32
27619		05 50 52.66	+07 28 53.9	8.57	2	H	87.719 424 40	+07.481 639 03		3.20	2.17	−0.98	0.96	0.67	1.06	1.09	0.80	+10	+42	−14	−15	−11	−15	−7	−27	+9	+19	0	−0.06
27620		05 50 52.78	−45 44 41.1	9.06		H	87.719 932 40	−45.744 763 53		2.19	−8.10	−16.29	0.77	0.81	0.89	0.88	0.87	−10	+6	−3	−1	−3	+22	−4	−11	+0	−20	1	1.06
27621		05 50 53.22	−52 06 31.3	5.16		G	87.721 743 99	−52.108 687 30		12.33	2.42	−76.29	0.44	0.44	0.47	0.50	0.50	−4	−3	+1	+10	−11	+11	−11	+9	−11	−10	0	0.22
27622		05 50 53.53	−50 42 31.3	8.84		H	87.723 054 97	−50.708 704 74		2.40	−0.03	54.56	0.72	0.78	0.82	0.89	1.02	−6	−6	−5	−15	+4	+1	+5	+11	−16	−8	0	1.35
27623		05 50 53.93	−61 25 28.9	9.11		H	87.724 705 28	−61.424 688 77		5.74	7.02	33.37	0.73	0.82	0.77	0.84	1.02	−7	+7	−12	+25	−7	−4	−9	+32	−4	+1	0	0.69
27624		05 50 54.54	−06 13 39.5	9.40		G	87.727 254 44	−06.227 635 72		1.41	0.56	−5.66	0.95	0.81	1.29	1.07	0.93	+20	+21	−11	−5	−7	−20	−16	−24	−23	+19	0	−0.39
27625		05 50 56.22	+51 30 52.9	6.29		H	87.734 233 22	+51.514 698 87		11.62	165.61	−47.53	0.88	0.47	0.94	0.95	0.55	+44	+46	+9	+39	+28	+3	+42	+9	+31	+47	0	−0.90
27626		05 50 56.47	+20 21 37.3	9.27		H	87.735 278 13	+20.360 348 69		0.10	−7.27	0.00	1.77	1.11	1.70	2.04	1.10	+43	+24	−10	−45	−52	+18	−46	−77	+10	+43	0	0.26
27627		05 50 56.97	+22 30 20.0	8.49		H	87.737 362 19	+22.505 566 82		−0.92	0.19	−3.15	1.10	0.65	1.20	1.26	0.77	−9	+43	−12	+3	+28	+1	+18	−6	−16	+7	0	0.24
27628		05 50 57.55	−35 46 09.5	3.12		G	87.739 803 40	−35.769 292 25		37.94	55.74	404.68	0.45	0.44	0.57	0.50	0.47	−2	+20	−14	+3	−15	+28	−13	−12	+0	−19	0	0.52
27629		05 50 58.11	+27 58 04.2	5.60		H	87.742 132 55	+27.967 833 35		8.66	−3.08	11.56	0.91	0.61	0.98	1.18	0.82	+12	+41	−26	+29	+12	+0	+12	+36	+5	+46	0	−0.29
27630		05 50 58.41	+46 18 59.5	8.70		H	87.743 385 39	+46.316 541 47		0.65	−2.62	−1.66	1.08	0.78	1.17	1.22	0.80	+7	+28	−33	+46	+32	−7	+28	+44	−14	+46	0	0.04
27631		05 50 59.51	−25 52 28.3	8.75		H	87.747 947 64	−25.874 519 81		3.61	−2.01	5.84	0.59	0.74	1.12	0.73	0.83	−2	−6	−29	+15	−3	+0	−3	+6	−17	−8	1	−0.43
27632		05 50 59.67	+53 13 15.9	9.15		H	87.748 611 28	+53.221 087 82		3.39	−9.72	−14.29	1.06	0.72	1.36	1.15	0.75	+28	+42	+5	+14	+29	−15	+30	+0	+14	+25	0	0.31
27633		05 51 00.59	−69 54 08.5	7.61		G	87.752 438 39	−69.902 370 49	A	17.10	−6.97	−55.82	1.49	1.20	1.11	1.31	1.51	−15	+13	+3	−44	+5	+32	−5	−35	−24	−20	4	−0.41
27634	H	05 51 01.10	+65 45 14.6	6.61	1	G	87.754 583 37	+65.754 059 33	A	1.82	−3.72	4.10	0.77	0.89	1.04	0.81	0.87	+2	+7	−19	+5	+6	+3	+1	−30	+4	+14	2	−2.57
27635		05 51 01.37	+31 37 09.1	8.58		H	87.755 710 84	+31.619 200 60		2.65	2.91	−16.95	1.20	0.89	1.34	1.90	1.38	−1	+32	−34	+20	+14	−4	+19	+6	+14	+31	0	0.77
27636		05 51 02.05	−04 54 35.9	9.21		H	87.758 536 67	−04.909 974 09		3.82	−10.72	−1.67	1.36	1.18	1.68	1.54	1.28	−24	+53	−38	−16	+6	−12	+6	−54	+7	−5	3	−1.74
27637		05 51 02.24	−26 30 41.8	9.26		H	87.759 327 20	−26.511 616 06		1.33	2.30	7.53	0.85	0.89	1.17	1.04	1.12	−24	+6	−2	−13	−1	+6	−5	−2	−8	−18	0	0.38
*27638		05 51 02.44	+20 24 23.0	8.91		H	87.760 153 60	+20.406 382 66		3.08	18.45	−68.23	1.69	1.10	1.61	1.98	1.09	+47	+19	−9	−45	−52	+22	−48	−76	+8	+45	0	0.95
*27639		05 51 02.41	+37 18 20.5	4.72	1	H	87.760 042 80	+37.305 681 75		6.86	36.96	−44.76	0.72	0.49	0.77	0.86	0.50	+14	+15	−12	+31	+34	−12	+28	+48	−5	+13	2	1.56
27640		05 51 02.56	+25 13 43.8	9.09		H	87.760 662 64	+25.228 841 06		9.19	−2.21	−29.30	1.24	0.82	1.32	1.71	1.13	+8	+32	−12	+20	+3	−7	+3	+21	+3	+17	0	0.47
27641		05 51 03.26	+11 29 55.9	6.94		H	87.763 600 80	+11.498 862 98		17.35	−5.51	11.64	0.92	0.60	1.02	1.26	0.74	−13	+34	−18	−16	+14	+15	+15	−43	+7	−21	0	−0.90
27642		05 51 04.63	+18 33 04.7	6.76		H	87.769 276 74	+18.551 318 34		0.08	0.53	−6.25	0.98	0.51	1.06	0.90	0.49	−12	+52	−15	+10	−34	+1	−21	−52	+8	−1	0	1.11
27643		05 51 05.73	−69 54 06.1	10.61		H	87.773 883 04	−69.901 702 32	B	17.92	−3.98	−15.71	18.24	13.42	10.08	15.22	14.16	−20	+10	−5	−20	+8	+15	+4	−40	−6	−29	4	−0.41
27644		05 51 07.10	+08 06 26.1	8.56		H	87.779 573 78	+08.107 241 06		3.63	−10.01	−2.18	1.14	0.62	1.29	1.09	0.74	−9	+66	−7	−10	+5	−18	−5	−30	−7	−17	3	1.15
27645		05 51 09.46	−04 34 57.3	9.56		H	87.789 404 33	−04.582 589 20		1.72	−1.02	−3.30	1.95	1.83	1.80	2.31	2.08	−68	+44	−28	−60	+63	−16	+58	−78	+7	−66	0	0.44
*27646		05 51 11.17	+33 35 20.0	10.48		H	87.796 538 68	+33.588 899 24		0.27	0.45	−12.40	2.00	1.36	2.34	2.24	1.57	−16	+53	−28	+11	+5	+25	+9	+1	−1	+23	0	0.48
*27647		05 51 11.13	−50 15 24.4	8.50		H	87.796 357 39	−50.256 769 13		1.80	26.02	30.25	0.71	0.69	0.76	0.95	0.88	−19	+4	+5	+0	+2	+7	+0	+13	−22	−18	0	−0.11
27648		05 51 11.57	+08 53 54.9	8.24		G	87.798 191 79	+08.898 586 00		5.35	−9.24	−8.97	1.10	0.64	1.27	1.36	0.80	−4	+52	−10	+3	+15	−23	+5	−22	+0	−14	0	−0.17
27649		05 51 11.81	+23 52 22.3	9.57		H	87.799 196 03	+23.872 868 88		3.32	1.85	−13.85	1.51	1.00	1.72	1.85	1.23	+14	+30	−31	−3	−8	+13	+0	−15	+2	+58	0	1.03
27650		05 51 14.22	−46 20 43.3	8.94		H	87.809 261 53	−46.345 353 47		4.31	−6.10	12.98	0.76	0.80	0.86	0.93	0.94	−9	+12	−5	+15	−12	+16	−12	+15	−6	−17	0	1.32
27651		05 51 16.03	+48 36 48.4	8.03		G	87.816 782 31	+48.613 448 97		3.27	8.36	−23.48	0.94	0.54	1.07	1.15	0.55	+31	+13	−17	+47	+44	−21	+37	−5	+25	+20	0	1.12
27652		05 51 17.07	+23 55 34.9	8.52		H	87.821 110 04	+23.926 363 27		5.83	−3.93	−22.89	1.08	0.74	1.21	1.30	0.90	+14	+31	−28	+4	+1	+11	+6	−4	+2	+59	0	−0.06
27653		05 51 18.06	+53 26 11.8	8.95		H	87.825 239 80	+53.436 622 28		3.75	−17.50	−20.01	1.11	0.70	1.24	1.13	0.70	+41	+44	+15	+33	+33	+1	+34	+8	+14	+38	0	2.15
27654		05 51 19.15	−20 52 39.0	3.76		H	87.829 803 43	−20.877 513 76		29.05	228.96	−647.96	0.46	0.44	0.62	0.63	0.45	+12	+9	−6	−33	−41	+9	−21	+4	+10	−19	1	0.94
27655		05 51 20.78	−70 17 09.3	11.61		G	87.836 569 55	−70.285 917 65		0.56	4.47	−3.04	1.94	1.64	2.11	2.21	2.43	−26	+16	−6	−10	+14	+11	+8	−50	−11	−34	0	0.47
27656		05 51 21.36	−41 57 42.1	8.94	2	H	87.839 016 71	−41.961 708 01		3.89	−1.13	2.20	0.67	0.75	0.82	0.69	0.85	−5	+11	+7	−1	−15	+9	−16	+4	+6	−17	0	−1.54
27657	H	05 51 21.63	−11 38 46.3	7.20		G	87.840 109 36	−11.646 199 89	A	3.17	−3.99	1.22	0.96	0.80	1.10	0.98	0.79	+32	+1	−20	−17	−39	+19	−38	+5	−14	+38	1	−0.04
27658		05 51 21.98	−07 31 04.8	5.36		H	87.841 597 36	−07.518 002 51		1.94	0.75	−0.18	0.65	0.50	0.79	0.68	0.57	+22	+30	+4	−16	−9	+8	−19	−27	−27	−6	0	2.74
27659		05 51 22.22	+08 29 18.6	8.72		H	87.842 579 76	+08.488 508 53		1.84	8.18	−3.96	1.12	0.67	1.22	1.21	0.83	−5	+55	+1	−17	+8	−15	+2	−28	−6	−19	0	0.77
27660		05 51 23.10	−64 02 01.0	6.35		G	87.846 254 75	−64.033 606 43		2.92	−7.98	16.77	0.48	0.48	0.50	0.53	0.58	−9	+17	+3	−15	−4	−5	+0	−7	+16	−31	0	0.81
27661		05 51 25.74	+32 07 28.9	6.28	2	H	87.857 269 97	+32.124 696 31		5.62	7.44	−0.97	0.91	0.68	1.00	1.16	0.87	−3	+43	−32	+28	+9	+16	+16	+18	+3	+46	0	−0.32
27662		05 51 26.32	−70 28 45.9	8.35		G	87.859 683 79	−70.479 427 23		4.85	3.99	14.99	0.69	0.60	0.76	0.67	0.83	−20	+27	−9	−2	+5	+11	+1	−44	−7	−23	0	−0.16
27663		05 51 26.91	+69 44 58.1	9.20		H	87.862 122 36	+69.749 473 90		−0.61	−6.03	−2.26	0.53	0.85	1.07	0.56	0.98	−9	+4	+3	−28	+20	−3	+20	−18	−4	+2	1	1.83
27664		05 51 27.08	+10 15 08.9	8.83		H	87.862 839 70	+10.252 478 31		4.26	−5.46	−6.12	1.25	0.88	1.41	1.12	0.93	−30	+51	−32	−18	+2	+9	+25	−60	+22	+13	0	−1.26
27665		05 51 27.55	−17 54 06.4	8.18		G	87.864 793 69	−17.901 789 21		4.96	−6.33	6.54	0.76	0.73	1.04	0.82	0.73	−20	+35	−28	+33	−43	+17	−34	+27	+3	−4	0	−1.34
*27666		05 51 27.86	+18 26 39.3	6.99		H	87.866 074 29	+18.444 250 77		4.20	5.39	−11.54	1.00	0.52	1.07	0.92	0.51	−16	+53	−10	+15	−28	−3	−18	−45	+3	−8	0	1.52
*27667		05 51 27.84	+03 46 27.1	8.64		H	87.865 989 58	+03.774 203 59		4.65	−4.35	−4.67	0.97	0.67	1.08	1.07	0.76	−2	+32	−16	−21	+5	−11	+2	−32	−5	+11	3	0.19
27668		05 51 27.96	−02 55 01.5	8.15		H	87.866 508 32	−02.917 096 64		2.21	8.07	−1.91	0.98	0.82	1.20	1.13	0.92	−31	+51	−23	−39	+34	−29	+17	−54	−2	−46	2	0.54
27669		05 51 28.40	−44 31 41.2	8.32		H	87.868 349 72	−44.528 115 44		5.00	−0.16	3.55	0.65	0.65	0.75	0.69	0.71	−8	−9	+12	−24	−4	+19	−7	+6	+17	−7	0	−1.30
27670		05 51 28.62	−22 55 36.6	6.16		H	87.869 236 16	−22.926 843 43		7.36	−4.02	−42.45	0.33	0.47	0.67	0.42	0.56	−12	+21	−23	+20	−13	+6	−12	+17	−12	−6	1	−1.26
27671		05 51 28.80	−53 39 20.2	7.93		G	87.870 018 09	−53.655 622 96		6.82	−18.36	−39.11	0.59	0.58	0.64	0.72	0.73	+0	−14	−10	+12	−2	+14	+1	+22	−20	+11	1	0.61
27672		05 51 29.21	+55 15 41.0	7.54		H	87.871 695 15	+55.261 395 01		5.18	−1.93	−3.47	0.78	0.53	0.85	1.12	0.59	+12	+18	+3	+2	+35	+2	+29	+10	+13	+22	0	0.02
27673		05 51 29.39	+39 08 54.5	3.97		H	87.872 469 34	+39.148 479 36		15.17	8.48	0.39	0.89	0.52	0.88	0.88	0.66	−19	+58	−14	+32	−5	+23	−0	+48	+5	−4	0	1.45
27674	H	05 51 31.05	−63 31 52.5	7.89		H	87.879 387 71	−63.531 254 39	A	7.90	−19.67	9.04	0.90	0.89	0.83	0.92	0.97	+9	+8	+5	+5	−9	−6	−8	+13	+3	−20	1	0.29
27675		05 51 31.49	+30 37 39.6	10.48		H	87.881 210 21	+30.627 680 46		7.39	0.93	−12.92	2.71	1.91	2.53	4.68	2.97	+30	−7	−13	+49	+23	−21	+23	+35	−10	+37	0	−0.17
27676		05 51 32.98	+28 05 31.8	8.15		H	87.887 407 92	+28.092 163 22		−0.06	0.86	−7.33	1.17	0.78	1.35	1.44	0.97	−2	+45	−38	+20	+21	+1	+18	+27	+1	+52	0	0.66
27677		05 51 34.92	−58 43 36.9	9.70	2	H	87.895 518 80	−58.726 914 41		4.16	−3.86	13.13	0.80	0.87	0.88	0.93	0.97	−3	+15	+24	−1	−19	−10	−17	−3	−4	−27	1	0.26
27678		05 51 35.47	−13 48 17.8	8.47		H	87.897 775 73	−13.804 948 76		1.11	18.03	−47.30	0.71	0.70	1.11	0.78	0.74	+5	+26	+17	+9	−39	−16	−36	+9	−10	+13	0	0.57
27679		05 51 35.99	+49 20 23.7	8.63		H	87.899 962 52	+49.339 928 58		6.57	8.08	−11.16	1.07	0.64	1.22	1.29	0.65	+52	+20	+7	+39	+37	−11	+33	+0	+24	+40	1	1.01
*27680		05 51 36.78	−20 50 12.9	8.26		H	87.903 236 42	−20.836 915 64		4.51	−1.73	−16.05	0.67	0.65	0.96	0.95	0.67	+15	+14	−1	−32	−45	+2	−27	+11	+5	−8	2	0.73
*27681		05 51 36.77	−00 25 42.7	9.51		H	87.903 219 40	−00.428 523 81		3.40	−4.37	−23.03	1.44	1.00	1.64	1.46	1.16	−3	+53	−11	−17	+9	−10	+10	−35	+10	−9	0	0.94
27682		05 51 38.41	−67 04 03.9	9.77		G	87.910 042 69	−67.067 737 36		1.91	2.75	18.13	0.93	0.95	0.98	1.00	1.05	+7	+9	−14	−17	−21	−1	−23	−26	+5	−15	0	0.79
27683		05 51 38.52	+21 32 28.1	10.74		H	87.910 482 30	+21.541 141 21		2.20	3.36	−0.33	2.20	1.19	2.49	2.57	1.22	−28	+48	−34	+9	−18	+21	+1	−55	+19	−14	0	0.01
27684		05 51 39.32	+48 44 05.8	8.55		H	87.913 826 75	+48.734 955 15		2.83	9.09	−5.65	1.16	0.65	1.34	1.42	0.67	+34	+4	−15	+47	+42	−20	+36	−9	+25	+27	0	−1.30
27685		05 51 39.47	+23 13 48.0	8.31		H	87.914 451 84	+23.230 005 23		6.64	−11.21	−4.99	1.10	0.62	1.24	1.10	0.75	+13	+50	−9	+10	+24	+0	+9	+7	−26	+46	0	−0.75
27686		05 51 40.19	+27 50 30.7	8.29		H	87.917 451 90	+27.841 855 12		4.14	−1.10	−13.84	1.25	0.81	1.42	1.63	1.07	−11	+41	−32	+15	+2	+4	+7	+11	+8	+20	0	−0.11
27687		05 51 43.63	−07 55 15.8	8.31		H	87.931 806 68	−07.921 069 30		1.02	−2.75	−1.40	0.84	0.65	1.10	0.91	0.68	+8	+20	+8	+4	−21	+12	−23	+5	−19	−7	2	0.92
27688		05 51 43.79	−30 27 56.3	8.96		G	87.932 438 43	−30.465 632 46		15.74	150.56	−85.87	0.73	0.79	1.02	0.84	0.90	−14	+8	−11	−12	−9	+15	−6	−2	+11	−19	0	0.94
27689		05 51 44.68	−01 53 55.7	9.66		H	87.936 151 74	−01.898 792 15		1.17	10.50	−27.74	1.59	1.20	1.93	1.80	1.44	−4	+41	+2	−13	+5	−1	−12	−38	−24	−32	0	0.16
27690		05 51 45.19	−10 26 13.7	7.80		H	87.938 301 04	−10.437 133 87		2.98	−14.35	−34.35	0.73	0.55	0.91	0.80	0.58	+27	+14	−10	−17	−40	+15	−39	+6	−13	+29	0	0.15
27691		05 51 45.71	−40 08 47.6	8.17		G	87.940 461 41	−40.146 563 50		8.25	−15.63	14.68	0.56	0.57	0.67	0.60	0.70	−1	+5	−9	−3	+2	+5	+3	+1	+7	−2	0	0.33
27692		05 51 46.33	+68 00 29.9	9.21		H	87.943 021 38	+68.008 305 77		3.03	−3.95	−0.07	0.74	0.92	1.39	1.03	1.25	−15	−1	−1	+27	+23	−3	+21	+6	−10	−21	0	−1.42
27693		05 51 47.13	−44 00 52.0	8.57		H	87.946 380 50	−44.014 455 80		9.73	2.27	−2.03	0.64	0.66	0.74	0.71	0.77	−6	+7	+0	−20	−10	+15	−10	+5	+15	−2	0	−0.53
27694		05 51 48.25	−19 23 13.1	7.57		H	87.951 040 66	−19.386 974 49		3.52	−4.63	15.70	0.63	0.61	0.94	0.77	0.68	−27	+23	−17	+4	−46	+15	−43	+16	−4	−9	0	0.51
27695		05 51 48.61	+15 52 55.5	9.46		H	87.952 528 10	+15.882 091 45		3.12	−2.87	−9.09	1.52	0.88	1.76	1.53	0.87	−18	+32	−17	−20	+1	+30	+9	−52	+0	+0	0	1.29
27696		05 51 50.66	+23 22 58.2	6.97		H	87.961 092 97	+23.382 843 89		4.06	−8.41	−20.87	0.92	0.47	1.03	0.76	0.50	−3	+60	−6	+2	+13	+0	+6	−15	−16	+32	0	0.01
27697		05 51 52.09	+19 31 17.0	7.31		H	87.967 048 19	+19.521 386 49		2.52	−1.15	−7.13	1.07	0.67	1.04	1.36	0.67	+34	+15	−10	−49	−41	+22	−37	−75	+6	+27	0	0.50
27698		05 51 54.32	−25 13 09.2	7.02		H	87.976 334 00	−25.219 233 97		9.95	0.70	−20.32	0.39	0.46	0.69	0.50	0.58	−5	+13	−12	−5	−3	+13	−4	+4	−22	−9	0	−1.04
27699		05 51 54.35	+28 15 42.7	9.20		H	87.976 463 08	+28.261 867 73		3.24	−1.76	−4.69	1.45	0.96	1.62	1.76	1.19	−9	+46	−38	+19	+23	−1	+24	+17	+2	+45	0	−0.25
27700		05 51 55.37	−41 06 19.1	6.71	1	H	87.980 724 08	−41.105 315 07		1.30	0.76	11.49	0.48	0.47	0.56	0.54	0.55	+1	+13	−5	+0	−8	+14	−7	+4	−1	−13	0	−1.00

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
27601	9.925	0.023	9.359	0.021		0.534	0.023	T	0.61	0.02	L	9.3770	0.0021	0.016	101		9.34	9.41					1							
27602	9.296	0.020	8.070	0.013		1.047	0.019	T	1.02	0.02	L	8.1333	0.0017	0.012	65		8.10	8.15					1 G							
27603	8.014	0.007	7.988	0.010		0.024	0.011	T	0.04	0.01	L	8.0049	0.0016	0.012	108		7.98	8.03					1 S							S
27604	9.607	0.028	9.376	0.034	C	0.240	0.015	G	0.27	0.02	H	9.3023	0.0406	0.288	58	–	8.56	9.45		D	05506−0126	I 2	1 C L D							X
27605	7.670	0.010	7.190	0.009		0.473	0.013	G	0.54	0.01	H	7.2262	0.0013	0.008	62		7.21	7.24					1 G							S
27606	11.026	0.049	9.027	0.016		1.693	0.042	T	2.13	0.09	O	8.8919	0.0025	0.026	110		8.85	8.94					1							
27607	8.760	0.010	8.429	0.011		0.290	0.015	G	0.33	0.02	H	8.4758	0.0015	0.015	139		8.45	8.50					1							
27608	8.495	0.013	8.415	0.016		0.072	0.019	T	0.08	0.02	L	8.4189	0.0025	0.014	63		8.39	8.45		C			1							S
27609	9.242	0.015	8.404	0.012	A	0.700	0.495	G	0.77	0.03	L	*	8.4588	0.0015	0.015	140	*	8.44	8.50		D	05508−2907	I 1	2 C B	AB	327	2.119	0.029	3.28	0.14	
27610	9.229	0.017	7.950	0.010		1.089	0.015	T	1.05	0.02	L		7.9732	0.0010	0.012	99		7.95	7.99		C			1							
27611	8.803	0.021	8.141	0.018	*	0.573	0.400	G	0.63	0.01	L	*	8.2410	0.0011	0.011	121	–	8.22	8.26		D	05508−3945	I 1	3 C A							S G
27612	7.932	0.012	7.651	0.010		0.267	0.015	T	0.30	0.02	L		7.6919	0.0018	0.012	51		7.67	7.71		C			1 G							S
27613	9.656	0.030	7.702	0.012		1.656	0.027	T	2.42	0.06	O		7.5047	0.0058	0.024	59		7.47	7.55		U 2			1							
27614	6.735	0.006	6.797	0.007	*	−0.070	0.015	G	−0.05	0.01	H	*	6.7745	0.0010	0.006	75	*	6.76	6.79		D	05508+1427	I 1	2 C A	AB	108	0.874	0.006	1.89	0.02	S
27615	9.143	0.017	9.019	0.020		0.120	0.025	T	0.13	0.03	L		9.0977	0.0022	0.020	103		9.07	9.13		C			1							
27616	10.071	0.027	9.628	0.028		0.390	0.020	G	0.46	0.02	H		9.6941	0.0024	0.019	105		9.66	9.73		C			1							
27617	10.840	0.069	9.569	0.037	A	1.082	0.061	T	1.04	0.05	L		9.6582	0.0900	0.023	70	A	9.61	9.69			05508+4018	H 1	2 C D	AB	317	11.865	0.058	2.43	0.92	G D
27618	7.978	0.013	6.713	0.008		1.054	0.005	G	1.19	0.06	F		6.7528	0.0007	0.009	64		6.74	6.77					1							S
27619	9.379	0.019	8.649	0.016		0.670	0.020	T	0.73	0.02	L		8.7083	0.0036	0.028	79		8.66	8.75		U 2			1							
27620	10.665	0.039	9.172	0.019		1.256	0.034	T	1.21	0.04	L		9.2265	0.0019	0.022	107		9.19	9.26					1							
27621	6.404	0.004	5.269	0.003		0.960	0.049	G	0.97	0.02	A		5.3293	0.0005	0.005	107		5.32	5.34		C			1							S
27622	10.392	0.033	8.947	0.017		1.219	0.029	T	1.18	0.03	L		9.0087	0.0016	0.014	104		8.98	9.03		C			1							
27623	9.580	0.021	9.151	0.021		0.419	0.024	T	0.49	0.03	L		9.2086	0.0021	0.015	110		9.18	9.23		C			1							
27624	9.643	0.019	9.443	0.023		0.224	0.044	G	0.25	0.05	H		9.4744	0.0028	0.021	83		9.44	9.52					1							
27625	7.635	0.007	6.411	0.003		1.047	0.002	G	1.02	0.00	H		6.4551	0.0007	0.007	122		6.44	6.47					1 G							S
27626	9.465	0.018	9.308	0.021		0.151	0.026	T	0.17	0.03	L		9.3247	0.0019	0.017	104		9.30	9.36		C			1							
27627	8.538	0.016	8.469	0.019		0.069	0.023	T	0.08	0.03	L		8.5224	0.0011	0.011	56		8.51	8.54		C			1							
27628	4.627	0.003	3.242	0.002		1.146	0.052	G	1.10	0.02	A		3.2833	0.0004	0.004	116		3.28	3.29					1							S
27629	6.827	0.004	5.688	0.004		0.978	0.004	G	0.83	0.04	E		5.7547	0.0012	0.006	54		5.75	5.76			05510+2758	I 1	1							S G
27630	8.912	0.013	8.720	0.016		0.184	0.019	T	0.20	0.02	L		8.7590	0.0018	0.012	68		8.74	8.80		C			1							
27631	9.092	0.011	8.785	0.012		0.293	0.017	T	0.33	0.02	L		8.8268	0.0022	0.022	157		8.79	8.86					1							
27632	10.049	0.022	9.275	0.019		0.704	0.023	T	0.76	0.02	L		9.2915	0.0026	0.025	125		9.25	9.33		R			1							
27633	8.108	0.009	7.653	0.011	A	0.470	0.015	G	0.54	0.02	H		7.7188	0.0058	0.012	100	A	7.69	7.75		D	05510−6954	I 2	1 C P D							S D
27634	11.246	0.081	10.179	0.049	C	0.822	0.013	G	0.84	0.01	H	*	6.6840	0.0011	0.012	136	–	6.67	6.72		U 2	05510+6545	I 1	3 C C							S G
27635	10.176	0.045	8.716	0.023		1.230	0.040	T	1.19	0.04	L		8.7361	0.0021	0.019	50		8.70	8.77					1							
27636	9.499	0.029	9.276	0.033		0.213	0.041	T	0.24	0.05	L		9.2752	0.0032	0.023	60		9.23	9.31					1							
27637	10.855	0.039	9.377	0.018		1.245	0.035	T	1.20	0.03	L		9.3929	0.0023	0.025	161		9.34	9.44					1 G							
27638	9.860	0.022	8.991	0.017		0.777	0.021	T	0.81	0.01	L		9.0577	0.0019	0.019	108		9.03	9.09		D			1 S							
27639	6.850	0.007	4.918	0.003		1.621	0.010	G	1.90	0.03	C		4.8122	0.0019	0.012	77		4.80	4.84		U 2			1 S							S
27640	9.659	0.028	9.119	0.027		0.506	0.035	T	0.58	0.04	L		9.2007	0.0022	0.016	51		9.16	9.24					1							
27641	7.981	0.010	7.043	0.007		0.828	0.009	T	0.85	0.01	L		7.0963	0.0012	0.008	67		7.08	7.11		C			1							S
27642	8.499	0.012	6.894	0.005		1.345	0.010	T	1.31	0.01	L		6.9063	0.0007	0.009	123		6.89	6.92		C			1							S
27643	10.932	0.065	10.384	0.067	B	0.513	0.083	T	0.59	0.09	L		10.4728	0.0524			B				D	05510−6954	I 2	1 C I D							D
27644	8.713	0.014	8.584	0.017		0.125	0.021	T	0.14	0.02	L		8.6121	0.0014	0.010	71		8.60	8.63		C			1							
27645	9.880	0.034	9.608	0.040		0.319	0.037	G	0.37	0.05	H		9.6410	0.0032	0.025	64		9.60	9.68		C			1							
27646	11.087	0.092	10.422	0.076		0.616	0.100	T	0.68	0.09	L		10.6122	0.0037	0.022	47		10.56	10.66		C			1							G
27647	10.053	0.027	8.608	0.015		1.219	0.024	T	1.18	0.02	L		8.6621	0.0017	0.016	103		8.63	8.70					1							
27648	8.882	0.017	8.306	0.016		0.538	0.015	G	0.61	0.02	H		8.3593	0.0021	0.011	62		8.34	8.38		C			1							
27649	10.091	0.042	9.593	0.043		0.468	0.055	T	0.54	0.06	L		9.6726	0.0025	0.019	55		9.64	9.71		D			1							G
27650	10.366	0.032	9.072	0.018		1.100	0.029	T	1.06	0.03	L		9.1089	0.0023	0.018	103		9.08	9.13		C			1							
27651	8.402	0.009	8.049	0.009		0.355	0.007	G	0.42	0.01	H		8.1059	0.0013	0.015	133		8.08	8.13					1							S
27652	8.753	0.018	8.535	0.020		0.208	0.025	T	0.23	0.03	L		8.5825	0.0021	0.013	58		8.56	8.61		C			1							
27653	9.602	0.018	9.022	0.017		0.542	0.022	T	0.62	0.02	L		9.0685	0.0020	0.018	122		9.04	9.10		C			1							
27654	5.029	0.004	3.889	0.004		0.984	0.035	G	1.05	0.02	A		3.9262	0.0004	0.005	141		3.92	3.93					1							S
27655	11.351	0.097	11.538	0.190		−0.048	0.036	G	−0.03	0.04	H		11.5882	0.0087	0.069	91		11.48	11.68					1 S							D
27656	10.399	0.031	9.114	0.017		1.093	0.028	T	1.05	0.03	L		9.1132	0.0097	0.077	120		9.04	9.26	59.60	P 1 A			1							
27657	7.111	0.006	7.226	0.008	A	−0.078	0.002	G	−0.06	0.00	H	*	7.1733	0.0007	0.010	108	*	7.15	7.19		D	05514−1139	I 1	2 C A	AB	278	1.071	0.007	2.20	0.03	S
27658	5.096	0.003	5.320	0.004		−0.195	0.004	T	−0.21	0.01	L		5.2864	0.0010	0.005	75		5.28	5.29					1							S
27659	8.965	0.017	8.758	0.019		0.198	0.024	T	0.22	0.03	L		8.7849	0.0022	0.014	66		8.76	8.80		C			1							
27660	7.444	0.007	6.459	0.004		0.866	0.003	G	0.92	0.04	E		6.5125	0.0009	0.007	111		6.50	6.52					1 S							S
27661	8.539	0.014	6.490	0.006		1.752	0.010	G	2.36	0.03	C		6.3224	0.0109	0.049	45		6.24	6.37		U 2	05514+3207	I 1	1 S							S
27662	8.524	0.011	8.358	0.013		0.108	0.015	G	0.12	0.02	H		8.3883	0.0019	0.017	103		8.37	8.42		C			1							S
27663	11.378	0.041	9.403	0.013		1.673	0.035	T	2.02	0.08	O		9.2857	0.0018	0.025	248		9.24	9.33					1							
27664	8.873	0.015	8.818	0.019		0.010	0.015	G	0.03	0.01	H		8.8455	0.0027	0.014	70		8.82	8.87		C	05515+1015	I 1	1							
27665	8.128	0.008	8.157	0.010		−0.042	0.002	G	−0.02	0.00	H		8.1775	0.0014	0.014	109		8.15	8.21					1							S
27666	8.086	0.009	7.088	0.006		0.873	0.008	T	0.88	0.01	L		7.1506	0.0007	0.006	110		7.14	7.17		C			1							S
27667	8.592	0.013	8.639	0.016		−0.038	0.019	T	−0.02	0.02	L		8.6386	0.0025	0.017	70		8.61	8.67					1							
27668	9.453	0.020	8.273	0.013		1.011	0.019	T	0.99	0.01	L		8.3205	0.0015	0.012	68		8.30	8.34		C			1							
27669	9.711	0.021	8.434	0.013		1.087	0.019	T	1.05	0.02	L		8.4859	0.0016	0.013	97		8.46	8.51					1							
27670	7.448	0.004	6.268	0.003		1.020	0.000	G	0.94	0.04	E		6.3267	0.0007	0.008	210		6.31	6.34					1 G							S
27671	8.329	0.010	7.944	0.009		0.371	0.015	G	0.43	0.02	H		8.0065	0.0014	0.012	97		7.99	8.03					1							S
27672	7.803	0.008	7.572	0.009		0.220	0.011	T	0.24	0.01	L		7.6094	0.0015	0.013	100		7.59	7.63					1							S
27673	5.427	0.003	4.098	0.002		1.132	0.003	G	1.07	0.03	C		4.1381	0.0005	0.003	69		4.13	4.14		C	05515+3909	I 1	1 G							S
27674	8.196	0.010	7.946	0.012	A	0.200	0.495	G	0.20	0.02	L	*	7.9486	0.0012	0.012	120	*	7.93	7.97		D	05515−6332	I 1	2 C A	AB	70	1.231	0.020	2.82	0.07	S
27675	11.583	0.174	10.597	0.108		0.910	0.149	T	0.90	0.15	L		10.6232	0.0055	0.042	43		10.58	10.72		C			1							G
27676	8.171	0.013	8.147	0.016		0.010	0.015	G	0.03	0.01	H		8.1600	0.0015	0.013	58		8.14	8.18		C			1							
27677	10.067	0.025	9.677	0.026		0.369	0.033	T	0.43	0.04	L		9.7851	0.0019	0.020	110		9.70	9.82		U			1							
27678	10.053	0.022	8.599	0.012		1.226	0.020	T	1.18	0.02	L		8.6326	0.0017	0.015	126		8.61	8.67					1							
27679	9.068	0.011	8.658	0.011		0.389	0.015	G	0.45	0.02	H		8.7172	0.0015	0.016	159		8.69	8.74		C			1							
27680	9.607	0.023	8.386	0.015		1.043	0.021	T	1.01	0.02	L		8.4260	0.0014	0.018	154		8.40	8.47					1							
27681	9.938	0.029	9.494	0.030		0.419	0.038	T	0.49	0.04	L		9.6033	0.0035	0.019	63		9.57	9.64		C			1							
27682	11.355	0.122	9.882	0.056		1.040	0.015	G	1.01	0.01	H		9.9432	0.0023	0.024	102		9.90	9.98		C			1							
27683	10.970	0.064	10.769	0.088		0.192	0.102	T	0.21	0.12	L		10.8068	0.0040	0.025	90		10.77	10.84		R			1							G
27684	10.302	0.027	8.675	0.012		1.362	0.023	T	1.33	0.03	L		8.6964	0.0014	0.014	134		8.67	8.72			05518+4844	I 1	1							
27685	8.405	0.016	8.315	0.019		0.088	0.023	T	0.10	0.03	L		8.3420	0.0013	0.014	59		8.33	8.37		C			1							
27686	9.625	0.035	8.375	0.022		1.066	0.032	T	1.03	0.03	L		8.4616	0.0029	0.017	57		8.44	8.48		C			1							
27687	8.353	0.012	8.311	0.015		0.030	0.015	G	0.05	0.01	H		8.3316	0.0024	0.016	80		8.31	8.36					1							
27688	9.848	0.020	9.044	0.016		0.732	0.002	G	0.78	0.00	H		9.1012	0.0018	0.022	139		9.06	9.14					1							
27689	10.268	0.039	9.710	0.038		0.522	0.049	T	0.59	0.05	L		9.7784	0.0026	0.019	57		9.73	9.81		C			1							G
27690	9.489	0.015	7.955	0.008		1.289	0.013	T	1.25	0.01	L		7.9618	0.0011	0.010	119		7.95	7.98					1							
27691	9.142	0.012	8.241	0.010		0.781	0.003	G	0.82	0.00	H		8.3112	0.0010	0.012	129		8.30	8.33		C			1							
27692	10.641	0.028	9.314	0.015		1.126	0.025	T	1.09	0.03	L		9.3765	0.0023	0.026	189		9.32	9.42					1							
27693	8.988	0.012	8.610	0.012		0.370	0.015	G	0.43	0.02	H		8.6544	0.0014	0.014	107		8.64	8.69					1							
27694	9.590	0.014	7.740	0.006		1.538	0.012	T	1.59	0.03	L		7.6909	0.0012	0.013	166		7.67	7.72					1							S
27695	9.940	0.027	9.506	0.029		0.410	0.036	T	0.48	0.04	L		9.5508	0.0024	0.018	81		9.51	9.58		C			1							
27696	9.083	0.022	7.175	0.010		1.584	0.019	T	1.60	0.02	L		7.0868	0.0015	0.012	66		7.07	7.10					1							S
27697	7.261	0.005	7.301	0.006		−0.017	0.013	G	0.01	0.01	H		7.3113	0.0009	0.011	127		7.29	7.33					1							S
27698	7.144	0.004	7.035	0.004		0.098	0.005	T	0.11	0.01	L		7.0590	0.0008	0.011	184		7.04	7.08					1							S
27699	9.218	0.020	9.203	0.026		−0.015	0.007	G	0.01	0.01	H		9.2019	0.0045	0.023	57		9.15	9.24					1							
27700	8.852	0.015	6.909	0.007		1.647	0.014	T	1.96	0.04	O		6.7989	0.0019	0.017	113		6.77	6.82		U 2			1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
27701		05 51 56.22	−35 54 35.0	7.37		H	87.984 248 51	−35.909 709 20		8.33	0.20	−4.41	0.49	0.47	0.60	0.58	0.52	−6	+15	−11	+7	−8	+24	−8	−12	−7	−16	0	0.60
27702		05 51 56.38	+39 33 47.2	7.85		H	87.984 930 93	+39.563 115 14		5.25	−5.14	−50.16	1.15	0.76	1.25	1.38	0.81	−13	+41	−20	+9	+27	+4	+21	+38	−8	−18	0	2.46
27703		05 51 57.21	−07 18 36.3	7.89		H	87.988 377 80	−07.310 083 42		3.54	−0.79	−1.14	0.75	0.63	0.97	0.80	0.76	+12	+29	+8	−13	−5	+14	−16	−26	−27	−17	4	2.98
27704		05 51 59.11	−11 21 20.1	8.65		H	87.996 307 79	−11.355 596 21		2.55	5.68	5.78	0.79	0.75	1.10	0.87	0.78	+22	+1	−26	−9	−37	+12	−37	+19	−9	+31	0	−0.72
27705		05 51 59.59	−29 26 57.8	6.47		H	87.998 284 07	−29.449 399 42		4.70	−1.57	−10.96	0.42	0.47	0.61	0.54	0.57	−12	+10	−17	−8	+2	+1	+2	+1	−3	−18	1	1.26
27706		05 51 59.67	+37 49 58.2	7.89		H	87.998 634 19	+37.832 823 16		15.12	32.98	−147.68	0.98	0.65	1.07	1.18	0.69	+1	+25	−8	+41	+7	−21	+7	+61	+4	−14	0	0.08
27707		05 52 01.46	−15 30 22.2	7.09		H	88.006 064 55	−15.506 172 64		6.30	−5.22	9.06	0.57	0.56	0.90	0.68	0.65	−10	+19	−5	+1	−30	−18	−35	+18	−23	+6	2	2.04
27708		05 52 01.68	−31 29 51.7	9.40		H	88.006 995 19	−31.497 692 43		8.17	−11.68	−13.92	0.80	0.87	1.10	0.89	1.10	−10	+28	−16	+19	−8	+14	−2	−11	+3	−6	0	1.00
27709		05 52 01.75	−09 48 47.4	7.40		H	88.007 294 68	−09.813 168 03		12.04	−36.94	−21.76	0.77	0.55	0.96	0.78	0.52	+24	+14	−14	−22	−56	+13	−54	+20	−28	+22	1	1.08
27710		05 52 04.30	−86 04 30.7	8.13		H	88.017 915 55	−86.075 203 66		9.48	−12.73	43.38	0.57	0.64	0.67	0.66	0.74	−2	+16	+5	+5	−10	−8	−5	+22	+12	−23	1	−0.17
27711		05 52 04.91	−50 51 57.8	9.27		H	88.020 457 35	−50.866 066 46		7.72	14.73	12.57	0.72	0.80	0.83	0.87	0.97	−11	+1	+9	−11	+5	−10	+6	−5	−15	−17	0	−0.87
27712		05 52 07.56	−25 56 36.0	6.86		H	88.031 496 97	−25.943 338 87		6.96	196.50	42.07	0.43	0.51	0.78	0.55	0.65	+0	−4	−14	+2	−11	+10	−8	+5	−23	−6	1	−1.26
27713		05 52 07.73	−09 02 31.1	5.95		G	88.032 211 02	−09.041 978 53		8.60	−2.97	32.31	0.75	0.54	0.92	0.87	0.47	+41	−9	−29	−37	−60	+37	−49	+5	−7	+34	2	1.18
27714		05 52 07.86	+65 09 28.3	7.46		H	88.032 731 29	+65.157 848 58		3.15	0.14	−11.23	0.60	0.60	0.82	0.61	0.63	+5	+14	+1	−15	−2	+2	−4	−31	−6	+0	0	−0.27
27715		05 52 07.93	−78 35 16.0	7.75		H	88.033 054 03	−78.587 786 03		3.78	5.82	17.21	0.56	0.64	0.64	0.67	0.85	−7	+16	+3	−7	−15	−2	−13	−23	−23	+4	0	0.88
27716		05 52 08.71	−16 04 05.7	10.08		H	88.036 280 71	−16.068 246 43		17.64	30.90	−234.07	1.07	1.08	1.63	1.44	1.41	+5	+18	+19	−15	−40	−15	−38	−2	+4	+22	2	0.31
27717		05 52 09.98	+40 57 47.2	7.97		G	88.041 582 47	+40.963 110 39		5.80	30.69	−38.66	0.91	0.62	1.01	1.14	0.65	+10	+20	−20	+29	+36	+14	+30	+46	−17	+16	0	0.34
27718		05 52 10.51	−05 30 03.0	9.84		H	88.043 802 07	−05.500 844 39		2.71	2.91	42.43	1.85	1.40	2.26	1.63	1.46	−6	+63	−20	−38	+6	−34	−14	−53	−12	−8	0	−1.73
27719		05 52 10.92	+80 36 32.1	8.04		H	88.045 515 03	+80.608 907 16		4.27	−15.10	7.03	0.53	0.62	0.74	0.52	0.71	+5	+32	+3	−7	+3	−10	+10	+23	+17	+0	1	1.12
27720		05 52 11.45	−17 33 11.7	7.68		H	88.047 699 39	−17.553 262 14		14.23	−27.74	98.00	0.72	0.62	0.89	0.86	0.67	−15	+24	−9	+23	−43	+10	−38	+26	−2	−12	3	−0.08
27721		05 52 12.69	−19 03 13.8	7.01		H	88.052 874 48	−19.053 830 93		4.84	−1.49	8.56	0.58	0.56	0.85	0.69	0.66	−27	+31	−19	+13	−48	+5	−49	+22	−11	−1	0	−2.35
27722		05 52 13.37	−06 50 52.9	9.14		H	88.055 688 51	−06.848 018 12	A	2.78	0.65	−1.57	1.54	1.32	1.79	1.53	1.37	+41	+14	−3	−22	−31	+0	−37	−39	−20	+23	4	−0.14
27723	H	05 52 13.87	+38 33 36.7	6.93		H	88.057 802 46	+38.560 180 77	A	4.93	7.43	−27.52	1.30	0.87	1.24	1.46	0.87	−12	+20	−23	+36	+18	−18	+12	+46	−7	−16	2	−1.23
*27724		05 52 15.59	+87 13 14.8	10.19		H	88.064 965 04	+87.220 791 20		3.99	9.75	−29.99	0.91	0.90	1.08	1.12	1.20	+3	+13	+5	−7	−6	−10	−7	+6	−11	+1	3	0.21
*27725		05 52 15.36	+12 52 42.0	8.78		H	88.064 015 95	+12.878 337 70		−0.14	−2.51	−6.70	1.12	0.72	1.25	1.17	0.81	+9	+46	−16	−9	−16	+5	−6	−37	+13	+26	0	0.58
27726		05 52 15.82	+29 31 04.9	7.96		H	88.065 922 12	+29.518 033 69		1.55	−8.54	−12.33	1.02	0.71	1.06	1.42	0.99	+22	+22	−5	+9	+0	+2	+3	+5	+6	+52	9	2.25
*27727		05 52 15.98	−28 39 24.7	9.04	2	H	88.066 599 41	−28.656 874 37		11.41	5.35	−19.72	0.67	0.84	1.07	0.78	0.98	−1	+7	−12	−13	+2	+16	+6	+12	+9	−4	0	−0.96
*27728		05 52 15.97	+72 28 40.3	8.00		H	88.066 561 12	+72.477 873 75		13.15	−58.70	28.06	0.42	0.59	0.80	0.46	0.72	+6	+6	−2	+17	+8	+13	+9	−1	+5	+7	1	1.36
27729		05 52 16.94	+07 19 46.0	7.59		H	88.070 582 69	+07.329 448 30		4.41	30.84	−25.47	0.87	0.73	1.08	1.11	0.84	+2	+28	−47	−12	−38	+19	−15	−50	+34	+44	0	2.69
*27730		05 52 17.29	+71 17 21.9	7.11		H	88.072 060 73	+71.289 406 89		3.68	0.98	5.40	0.37	0.54	0.74	0.44	0.67	+6	+14	−6	+2	+7	+6	+9	−13	+1	+15	2	0.40
*27731		05 52 17.26	+58 57 50.9	6.14		H	88.071 899 08	+58.964 139 09		5.98	−1.53	−20.97	0.58	0.44	0.66	0.62	0.44	+31	+31	+2	−41	−22	−12	−20	−47	+2	+23	0	2.38
27732		05 52 17.73	−56 27 46.5	7.62		H	88.073 865 78	−56.462 917 49		4.04	14.26	−1.94	0.59	0.57	0.61	0.69	0.74	+0	−12	−1	+2	−12	+1	−12	+5	−11	+1	0	0.21
27733		05 52 17.73	+52 10 46.1	9.04		G	88.073 893 30	+52.179 485 75		6.22	−19.36	−26.51	1.06	0.68	1.26	1.26	0.76	+43	+33	+6	+25	+20	−6	+25	−7	+23	+44	0	0.61
27734		05 52 18.07	−86 23 36.6	8.57		H	88.075 293 52	−86.393 508 94		3.19	−18.81	−1.21	0.65	0.74	0.78	0.71	0.85	−4	+19	+1	+8	−11	+2	−9	+11	+8	−16	0	−0.71
27735		05 52 18.16	+09 11 51.6	8.44		H	88.075 664 99	+09.197 674 68		0.10	3.05	−1.15	1.00	0.77	1.15	1.21	0.89	+8	+20	+15	+3	+6	−19	+5	−37	−16	+7	0	2.01
27736		05 52 19.28	−37 42 08.4	8.14		H	88.080 325 68	−37.702 338 59		5.43	0.70	51.19	0.57	0.61	0.71	0.66	0.70	+4	−1	−12	−8	−9	+11	−8	−10	−5	−3	0	−1.16
27737		05 52 20.18	−57 09 21.6	5.93	1	G	88.084 091 89	−57.156 000 08		7.86	17.99	−78.63	0.47	0.49	0.50	0.47	0.58	+4	−4	+10	−2	−14	−10	−16	+8	−5	+9	0	0.82
27738		05 52 20.67	+35 03 43.7	9.64		H	88.086 130 31	+35.062 150 39		0.06	0.47	4.33	1.40	0.96	1.50	1.79	1.21	−11	+42	−17	+23	−3	+1	−2	+20	−1	+13	0	−0.52
27739		05 52 20.74	−45 25 34.5	9.05		H	88.086 418 09	−45.426 239 63		10.22	−17.89	64.30	0.72	0.76	0.85	0.84	0.86	−9	+0	+4	−17	+3	+25	+3	+0	−7	−17	0	1.51
27740		05 52 21.10	−33 49 10.1	9.37		H	88.087 907 13	−33.819 477 78		6.63	−38.23	−43.08	0.68	0.83	0.97	0.73	0.89	−1	+17	−6	−4	−5	+12	−6	−20	−3	−7	3	0.47
27741		05 52 21.12	−07 22 35.2	8.86		G	88.088 020 81	−07.376 447 40		2.55	−4.57	−0.80	1.06	0.86	1.49	0.98	1.02	+29	+48	+26	−14	−8	+2	−34	−42	−49	−10	0	0.57
*27742		05 52 22.31	+25 47 44.5	9.93	1	H	88.092 957 97	+25.795 706 06		2.45	3.82	−21.70	1.63	1.03	1.76	2.09	1.41	+11	+44	−21	+9	+14	−9	+12	+6	−3	+49	0	−0.71
*27743		05 52 22.30	+14 10 18.5	5.60		H	88.092 925 72	+14.171 793 82		6.33	−17.46	−2.88	0.82	0.48	0.91	0.86	0.52	−2	+33	−18	−30	−7	+19	+1	−44	+12	+20	0	−0.13
27744		05 52 22.56	−00 55 02.7	8.81		H	88.093 982 08	−00.917 416 20		2.45	−2.23	−4.04	0.99	0.79	1.22	1.12	0.89	−5	+42	−17	−16	+6	−16	+1	−37	+1	−10	0	1.00
27745		05 52 22.82	+19 08 58.9	7.92	1	G	88.095 071 29	+19.149 706 25		−1.29	0.62	0.15	1.05	0.64	1.13	1.33	0.68	+9	+19	+4	−18	−27	+5	−24	−57	+5	−2	0	0.48
27746		05 52 23.29	+20 41 47.2	8.19		H	88.097 058 02	+20.696 440 26		6.24	7.92	−19.99	1.27	0.84	1.27	1.35	0.80	+30	+34	−11	−34	−52	+15	−42	−78	+5	+40	0	−1.39
27747		05 52 23.41	+19 52 04.3	5.96	1	H	88.097 538 10	+19.867 856 34		2.38	−5.57	−3.14	1.06	0.70	0.97	1.13	0.69	+47	+29	−8	−51	−58	+12	−52	−81	+6	+54	0	0.64
27748		05 52 23.84	−26 17 28.3	7.84	1	H	88.099 336 82	−26.291 184 23		3.67	−7.83	8.09	0.48	0.58	0.87	0.66	0.78	−6	−3	−6	+11	−3	+12	−1	+9	−25	−14	1	0.31
27749		05 52 24.52	−52 03 18.6	6.82	1	H	88.102 177 31	−52.055 163 00		2.67	7.29	−21.47	0.50	0.48	0.53	0.57	0.56	−6	−4	+1	+9	−12	+11	−12	+11	−12	−15	0	0.21
27750		05 52 26.44	+01 51 18.6	4.76		G	88.110 178 13	+01.855 157 90		2.93	−7.09	−9.91	0.76	0.54	0.93	0.79	0.56	−14	+40	−42	−11	+30	−31	+19	−11	−6	+18	0	0.36
*27751		05 52 26.88	+06 12 34.1	6.90		H	88.112 014 29	+06.209 474 32		7.00	−7.43	−18.97	0.87	0.70	0.81	1.09	0.82	+47	+6	−22	−45	−54	+12	−49	−63	+17	+54	2	0.72
*27752		05 52 26.88	−57 54 04.9	8.55		H	88.112 007 76	−57.901 363 81		7.63	−30.94	58.81	0.67	0.69	0.72	0.73	0.83	+2	−15	+12	+16	−13	−3	−11	+0	−12	+8	1	−0.24
27753		05 52 27.72	+71 39 08.8	9.63		H	88.115 492 73	+71.652 456 52		−0.30	−5.06	−0.53	0.70	1.06	1.44	0.78	1.39	+3	+6	−9	+6	+7	+9	+9	+7	+4	+4	1	1.42
27754		05 52 27.95	−35 21 39.7	8.53		H	88.116 470 98	−35.361 028 87		4.22	−1.89	4.86	0.62	0.68	0.88	0.65	0.70	+10	+24	−4	+0	−9	+35	−11	−12	−9	+1	1	0.96
27755		05 52 28.36	−67 34 18.8	9.22	1	H	88.118 146 32	−67.571 889 30		0.97	11.25	9.04	0.85	0.77	0.89	0.96	0.95	−10	+10	−15	−24	−4	+5	−3	−19	+4	−22	1	1.05
27756		05 52 28.44	−47 52 30.5	8.89		H	88.118 483 34	−47.875 148 16		3.30	−1.81	5.44	0.65	0.68	0.78	0.79	0.82	−2	+11	−12	−16	+4	−15	−1	+3	−18	−6	0	0.89
27757		05 52 28.51	−56 12 02.7	8.71		H	88.118 806 77	−56.200 739 28		3.87	−8.39	0.63	0.70	0.69	0.75	0.83	0.84	+3	−7	+2	+4	−13	+15	−13	+6	−8	+5	0	−2.92
27758	H	05 52 29.48	−02 17 07.1	7.26		G	88.122 823 84	−02.285 313 35	*	18.40	−114.37	−8.13	0.92	0.69	1.16	1.01	0.90	−16	+52	+0	−34	+27	−7	+1	−47	−31	−45	0	2.52
27759		05 52 29.57	+03 43 05.7	8.99		H	88.123 219 58	+03.718 258 69		2.06	−6.48	−6.14	1.01	0.77	1.14	1.11	0.88	−18	+34	−31	−18	+2	−8	+8	−40	+12	+11	0	0.38
27760		05 52 29.99	−49 05 03.8	8.38		H	88.124 960 60	−49.084 380 57		8.47	33.31	−54.61	0.68	0.70	0.79	0.76	0.82	−4	+29	+2	+10	−5	+0	−12	+8	−27	−13	0	0.11
*27761	H	05 52 30.59	+40 08 55.6	8.38		H	88.127 470 63	+40.148 764 02	A	10.06	55.08	−107.40	2.49	1.61	2.54	3.38	1.76	−19	+36	−2	−3	+8	+22	+2	+20	−11	−53	2	0.91
*27762		05 52 30.38	−57 53 22.7	9.75	2	H	88.126 571 13	−57.889 635 61	A	2.66	0.13	15.23	1.46	1.54	1.45	1.41	1.70	−2	−23	+28	+13	−6	−8	−1	+12	−8	+18	0	−0.05
27763		05 52 30.61	+50 46 37.2	7.75		H	88.127 550 40	+50.776 991 35		5.59	−49.66	−18.51	0.89	0.59	1.10	1.04	0.64	+25	+32	−13	+25	+41	−8	+41	+4	+23	+26	0	0.92
27764		05 52 31.54	+56 04 30.9	8.25		H	88.131 402 01	+56.075 258 18		3.75	−28.50	−41.29	0.82	0.64	1.03	0.99	0.68	+14	+20	+6	+23	+26	−3	+22	+3	−4	+15	0	−0.05
27765		05 52 32.45	−14 33 25.4	7.80		H	88.135 191 17	−14.557 052 79		2.14	−8.23	−4.90	0.63	0.62	1.08	0.78	0.81	−13	+33	−9	+11	−21	−13	−33	+29	−34	+23	0	2.04
27766		05 52 33.16	−37 37 51.6	5.62		H	88.138 177 16	−37.630 990 79		10.14	30.75	−29.76	0.41	0.44	0.52	0.44	0.52	+5	−2	−14	+3	−9	+11	−9	−7	−2	−3	0	−0.98
27767		05 52 33.59	−43 06 18.6	9.51		H	88.139 944 90	−43.105 168 25		0.83	3.47	21.15	0.83	0.88	0.97	0.92	1.10	−4	+12	−2	−20	+1	+5	−1	+12	−2	+3	1	0.11
27768		05 52 34.27	+47 24 00.8	8.74		H	88.142 803 84	+47.400 223 27		2.20	13.24	−16.46	1.18	0.71	1.22	1.56	0.77	+3	+10	−2	+27	+41	−10	+38	−25	+15	+4	0	0.22
27769		05 52 34.89	+66 52 44.0	8.16		H	88.145 385 40	+66.878 898 66		5.49	−12.91	10.51	0.59	0.74	1.02	0.69	0.83	+20	+19	−9	−10	−4	−5	−8	−21	−14	+16	0	−1.89
27770		05 52 36.63	−07 58 53.4	9.27		H	88.152 624 54	−07.981 491 43		0.75	−5.66	3.67	1.13	1.00	1.48	1.23	1.13	+15	+19	+9	−22	−6	+20	−16	−40	−24	−19	2	0.20
27771		05 52 36.80	−28 11 31.3	9.24		H	88.153 313 69	−28.192 039 36		3.41	3.38	37.31	0.76	0.89	1.18	0.85	1.02	−5	+7	−25	−17	−10	+15	−7	+6	+2	−3	1	0.58
27772		05 52 37.02	−02 10 06.9	9.21		H	88.154 251 20	−02.168 577 08		3.52	−1.81	−7.32	1.36	1.06	1.69	1.44	1.23	−16	+42	−7	−25	+9	−10	−6	−38	−20	−38	0	−0.63
27773		05 52 37.14	+05 09 52.6	8.44		G	88.154 754 85	+05.164 603 82		4.02	−8.18	−2.80	1.21	1.03	1.40	1.53	1.12	+11	+31	−49	−32	−41	+15	−25	−67	+26	+35	0	0.44
27774		05 52 38.06	−12 46 04.1	8.06		G	88.158 590 06	−12.767 804 99		8.97	−10.35	20.75	0.74	0.67	1.01	0.74	0.67	+4	+27	−10	+1	−39	+8	−37	+21	−17	−10	3	1.29
27775		05 52 39.04	+34 16 07.9	7.46		G	88.162 649 06	+34.268 854 50		9.23	−0.41	−66.53	0.88	0.64	0.94	1.17	0.86	+3	+30	−26	+29	+7	+3	+10	+24	+7	+22	0	1.29
27776		05 52 39.46	−36 42 53.1	8.83	2	H	88.164 426 93	−36.714 741 96		2.73	5.00	6.21	0.64	0.75	0.85	0.71	0.82	+5	+11	−3	+12	−1	+0	−4	−8	−9	−4	0	−1.07
27777		05 52 39.67	+39 34 29.0	6.40		H	88.165 276 75	+39.574 722 45		4.93	−0.94	−7.31	0.80	0.54	0.89	1.03	0.64	−5	+35	−7	+6	+20	+12	+19	+34	−8	−26	0	0.96
27778		05 52 40.08	+33 55 02.8	6.04		H	88.167 001 04	+33.917 441 32		4.38	18.21	8.50	1.07	0.69	1.32	1.39	0.88	−33	+59	−38	+14	−9	+39	+6	−5	+2	−15	0	−0.31
27779		05 52 42.46	−30 46 44.3	9.55		H	88.176 936 82	−30.778 969 61		7.07	26.72	−19.69	0.80	0.87	1.17	0.91	1.02	−4	+25	−7	+13	+0	+21	+2	+6	+4	−2	1	1.89
27780		05 52 42.87	−37 40 16.1	9.18		H	88.178 622 77	−37.671 136 21		2.71	−8.33	−19.88	0.75	0.80	0.94	0.87	0.93	+1	−3	−13	−17	−5	+9	−4	−12	−1	−4	0	−1.60
27781		05 52 43.32	+02 25 02.8	9.08		H	88.180 506 76	+02.417 431 34		4.94	−14.66	6.16	1.28	0.85	1.28	1.38	0.96	−23	+29	−20	−34	+27	−4	+26	−41	+0	−15	0	1.35
27782		05 52 45.01	−42 46 30.3	8.05		H	88.187 532 98	−42.775 088 57		13.93	−95.36	−84.95	0.59	0.65	0.72	0.60	0.73	−4	+1	−8	−13	−8	+16	−7	+6	+6	−7	0	−2.10
27783		05 52 46.32	+29 46 05.0	8.47		H	88.193 006 20	+29.768 054 06		−6.01	94.91	−28.67	19.82	13.47	21.46	30.07	19.31	+7	+22	−22	+19	+7	+12	+13	+2	+9	+25	0	
27784		05 52 46.55	+32 34 07.3	10.22		G	88.193 941 36	+32.568 691 95		−1.19	3.36	−6.17	1.92	1.40	2.18	2.52	1.78	−3	+36	−31	+20	−1	+19	+7	+10	+0	+47	3	−1.51
27785		05 52 47.13	+21 10 08.4	9.34		H	88.196 363 88	+21.168 993 96	A	6.70	−17.23	−24.95	2.82	1.84	2.91	3.20	1.56	+11	+23	−31	−26	−46	+37	−29	−76	+24	+16	0	0.65
27786		05 52 47.39	+29 46 13.3	8.45		H	88.197 447 74	+29.770 359 24		−17.25	−98.66	−65.96	18.84	12.61	20.09	27.72	17.83	+3	+17	−18	+19	+6	+12	+12	+2	+8	+25	6	
27787	H	05 52 47.71	−38 31 33.5	6.69		G	88.198 806 53	−38.525 969 69	A	2.93	0.22	−11.88	0.67	0.68	0.74	0.67	0.77	−15	+2	+0	+1	−8	+9	−10	+10	−20	−4	3	−0.38
27788		05 52 49.20	−34 33 37.7	6.64		H	88.204 979 39	−34.560 466 56		5.41	−14.32	−38.57	0.43	0.49	0.59	0.53	0.63	+3	+19	−11	−7	−10	+5	−9	−8	+0	+7	1	−1.00
27789		05 52 50.23	−32 20 21.3	7.89		H	88.209 304 68	−32.339 241 42		2.62	−24.15	13.87	0.58	0.61	0.78	0.59	0.63	−3	+32	−15	−16	−11	−2	−11	−2	−3	−3	1	1.30
27790		05 52 50.77	−40 47 25.6	8.68		H	88.211 545 01	−40.790 431 81		1.34	0.09	−1.99	0.68	0.70	0.83	0.70	0.77	−5	+3	+6	+0	−1	+15	−1	+3	+16	−10	0	−1.23
27791		05 52 52.73	+34 26 43.1	7.72		H	88.219 728 43	+34.445 298 45		11.50	8.45	−60.25	5.33	3.74	6.04	7.15	4.75	+5	+30	−18	+0	−4	+25	+4	−17	+8	+39	0	
27792		05 52 52.82	−45 18 06.8	7.70		H	88.220 078 23	−45.301 878 41		7.71	−12.72	−37.03	0.52	0.52	0.59	0.58	0.59	−5	+8	−9	−13	−2	+16	+0	+3	−2	−5	0	1.79
27793		05 52 53.60	+39 11 39.3	8.79		H	88.223 333 93	+39.194 251 43		19.48	55.98	−105.94	1.19	0.87	1.37	1.62	1.02	−8	+13	−5	+18	+8	+7	+8	+40	−13	−27	0	−1.64
27794		05 52 55.40	+00 09 50.5	10.04		H	88.230 822 25	+00.164 019 84		0.38	−8.65	−6.68	1.93	1.20	1.97	2.03	1.41	−34	+48	−23	−34	+21	+4	+27	−42	+16	−36	0	−1.47
27795		05 52 55.49	+68 28 17.9	6.22		H	88.231 198 83	+68.471 651 07		7.86	3.36	−45.10	0.42	0.47	0.71	0.57	0.58	−3	+13	−11	+32	+26	+7	+27	−6	−10	+7	0	1.89
27796		05 52 56.24	−24 26 15.3	8.45		H	88.234 330 11	−24.437 589 65		5.26	−0.48	11.37	0.44	0.67	0.92	0.56	0.85	+0	+10	+5	+9	+3	+4	+2	+12	−11	−8	0	−3.35
27797		05 52 56.68	−01 50 39.9	9.65		H	88.236 161 72	−01.844 427 87		−1.70	6.92	5.04	1.81	1.28	2.11	1.66	1.30	+13	+53	−15	−33	−25	−25	−35	−38	−11	−3	0	1.28
27798	H	05 52 56.91	+29 06 43.1	7.88		H	88.237 108 56	+29.111 970 97	*	3.04	−7.12	−16.12	1.00	0.68	1.08	1.33	0.92	+8	+32	−16	+15	+12	−3	+15	+12	+11	+42	0	−0.21
27799		05 52 58.09	+03 02 53.7	8.34		H	88.242 060 03	+03.048 236 49		12.21	34.62	−92.22	1.12	0.72	1.23	1.23	0.82	−19	+46	−26	+4	−5	+4	+0	−14	+8	−11	0	1.15
27800		05 52 58.64	+28 27 39.1	9.17		H	88.244 328 31	+28.460 867 45		2.22	−0.12	−3.38	1.21	0.85	1.32	1.54	1.07	−5	+35	−31	+18	+25	+0	+23	+23	+1	+48	0	0.45

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No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
27701	7.612	0.006	7.396	0.008		0.206	0.009	T	0.23	0.01	L	7.4336	0.0011	0.010	129		7.42	7.45		C			1							S
27702	8.359	0.014	7.909	0.012		0.424	0.017	T	0.49	0.02	L	7.9456	0.0015	0.011	59		7.93	7.96		D			1							S
27703	7.790	0.010	7.876	0.013		−0.080	0.015	G	−0.06	0.02	H	7.8718	0.0015	0.013	82		7.85	7.89			05520−0719	I 1	1 S							S
27704	8.562	0.009	8.641	0.012		−0.067	0.014	T	−0.04	0.01	L	8.6386	0.0017	0.015	108		8.61	8.67		C			1							
27705	8.364	0.009	6.621	0.004		1.473	0.001	G	1.49	0.00	H	6.5981	0.0006	0.008	146		6.58	6.61		C			1							S
27706	8.870	0.016	7.976	0.012		0.795	0.015	T	0.83	0.01	L	8.0376	0.0010	0.010	95		8.02	8.06			05520+3750	I 1	1							S
27707	7.244	0.006	7.103	0.006		0.136	0.008	T	0.15	0.01	L	7.1360	0.0010	0.009	102		7.12	7.15		C			1							S
27708	10.299	0.027	9.454	0.021		0.743	0.026	T	0.79	0.02	L	9.5382	0.0020	0.023	133		9.50	9.58		C			1 G							
27709	7.816	0.006	7.428	0.006		0.367	0.008	T	0.43	0.01	L	7.4816	0.0008	0.010	142		7.47	7.50					1							S
27710	8.523	0.011	8.167	0.011		0.351	0.003	G	0.41	0.00	H	8.2107	0.0015	0.012	122		8.19	8.23		C			1							S
27711	9.986	0.021	9.326	0.018		0.602	0.021	T	0.67	0.02	L	9.4024	0.0017	0.019	117		9.37	9.43		C			1							
27712	7.998	0.006	6.973	0.004		0.893	0.005	T	0.90	0.00	L	7.0165	0.0009	0.009	167		7.01	7.04					1							S
27713	6.070	0.003	5.973	0.003		0.100	0.004	G	0.11	0.00	H	5.9961	0.0006	0.006	122		5.99	6.01					1							S
27714	9.092	0.014	7.587	0.008		1.266	0.013	T	1.22	0.01	L	7.6205	0.0012	0.013	119		7.60	7.65		C			1							S
27715	9.242	0.014	7.873	0.008		1.159	0.013	T	1.12	0.01	L	7.9146	0.0013	0.010	121		7.90	7.93					1 G							S
27716	11.224	0.064	10.177	0.040		0.872	0.015	G	0.92	0.01	H	10.2257	0.0022	0.021	105		10.19	10.26		C			1							G
27717	8.753	0.014	8.035	0.012		0.666	0.015	G	0.73	0.01	H	8.1110	0.0015	0.010	75		8.10	8.13		C			1							S
27718	10.396	0.044	9.847	0.045		0.514	0.056	T	0.59	0.06	L	9.9472	0.0037	0.027	63		9.90	9.99		C			1							G
27719	8.313	0.008	8.067	0.008		0.234	0.011	T	0.26	0.01	L	8.1049	0.0017	0.016	145		8.08	8.14		C			1							S
27720	8.660	0.010	7.755	0.008		0.789	0.010	T	0.82	0.01	L	7.8166	0.0015	0.011	101		7.80	7.84		C			1							
27721	8.536	0.008	7.117	0.005		1.198	0.007	T	1.16	0.01	L	7.1740	0.0010	0.011	166		7.16	7.19					1							S
27722	9.213	0.015	9.104	0.018	A	0.088	0.019	G	0.06	0.02	L	9.1547	0.0120	0.019	87	A	9.12	9.20			05522−0651	M 1	2 C D	AB	243	15.497	0.075	3.44	0.28	D
27723	7.000	0.007	6.981	0.010	*	0.022	0.011	T	0.04	0.01	L *	6.9494	0.0012	0.007	77	*	6.94	6.96		D	05522+3834	I 1	2 C A	AB	166	0.812	0.002	1.00	0.01	S
27724	10.829	0.046	10.279	0.043		0.515	0.056	T	0.59	0.06	L	10.3036	0.0025	0.026	124		10.25	10.35		C			1							G
27725	8.918	0.014	8.815	0.017		0.100	0.021	T	0.11	0.02	L	8.8197	0.0019	0.013	70		8.80	8.84		C	05523+1253	I 1	1							
27726	9.970	0.043	8.126	0.018		1.533	0.037	T	1.58	0.08	L	8.0806	0.0015	0.010	48		8.07	8.10		C			1							
27727	9.805	0.019	9.112	0.017		0.627	0.019	T	0.69	0.02	L	9.1719	0.0028	0.035	142		9.12	9.22		U 2			1							
27728	8.541	0.007	8.054	0.007		0.458	0.009	T	0.53	0.01	L	8.1032	0.0012	0.014	212		8.08	8.13		C			1							S
27729	9.322	0.020	7.733	0.010		1.332	0.018	T	1.30	0.02	L	7.7420	0.0020	0.013	76		7.72	7.77					1							
27730	7.324	0.004	7.142	0.004		0.174	0.005	T	0.19	0.01	L	7.1712	0.0009	0.010	213		7.15	7.19		C			1							S
27731	6.090	0.003	6.133	0.004		−0.036	0.004	T	−0.01	0.00	L	6.1325	0.0006	0.006	137		6.12	6.15		C			1							S
27732	9.083	0.015	7.739	0.009		1.140	0.014	T	1.10	0.01	L	7.7906	0.0012	0.012	121		7.77	7.81		C			1							S
27733	9.462	0.017	9.078	0.018		0.376	0.015	G	0.44	0.02	H	9.1260	0.0017	0.015	111		9.10	9.16		C			1							
27734	10.019	0.024	8.705	0.014		1.116	0.022	T	1.08	0.02	L	8.7417	0.0020	0.018	132		8.71	8.78					1							
27735	10.407	0.041	8.564	0.017		1.533	0.035	T	1.58	0.08	L	8.5641	0.0016	0.014	68		8.55	8.59		C			1							
27736	8.507	0.009	8.177	0.009		0.318	0.014	T	0.37	0.02	L	8.2149	0.0010	0.014	125		8.19	8.23					1							S
27737	6.735	0.004	6.013	0.004		0.656	0.005	G	0.75	0.04	E	6.0677	0.0014	0.017	106		6.05	6.10		U 2			1							S
27738	10.389	0.046	9.657	0.038		0.671	0.048	T	0.73	0.04	L	9.7733	0.0038	0.021	54		9.75	9.81		C			1							G
27739	9.818	0.020	9.122	0.017		0.630	0.020	T	0.70	0.02	L	9.1841	0.0016	0.017	104		9.16	9.21		C			1							
27740	10.109	0.042	9.468	0.037		0.589	0.042	T	0.66	0.04	L	9.4970	0.0018	0.016	131		9.46	9.53					1							
27741	8.883	0.016	8.867	0.020		−0.010	0.015	G	0.01	0.01	H	8.8738	0.0021	0.017	74		8.85	8.90		C			1							
27742	10.424	0.050	9.990	0.054		0.410	0.068	T	0.48	0.07	L	10.0212	0.0033	0.024	49		9.96	10.06		U			1							G
27743	5.536	0.003	5.590	0.004		−0.053	0.002	G	−0.03	0.00	H	5.5857	0.0007	0.005	79		5.58	5.59					1							S
27744	9.011	0.015	8.828	0.018		0.175	0.022	T	0.19	0.03	L	8.8746	0.0024	0.015	72		8.85	8.90		C			1							
27745	8.685	0.011	8.028	0.009		0.643	0.006	G	0.71	0.01	H	8.0525	0.0023	0.020	105		8.02	8.08		U			1							S
27746	8.225	0.007	8.208	0.009		0.020	0.011	T	0.04	0.01	L	8.2066	0.0014	0.015	115		8.17	8.23					1							
27747	6.640	0.004	6.054	0.003		0.549	0.004	T	0.62	0.00	L	6.0762	0.0010	0.012	135		6.05	6.09		U 2			1							S
27748	7.826	0.007	7.839	0.008		−0.007	0.010	T	0.01	0.01	L	7.8419	0.0026	0.022	159		7.82	7.88	3.10	P 1 A			1							S
27749	8.916	0.013	7.007	0.006		1.619	0.012	T	1.84	0.04	O	6.9154	0.0015	0.012	107		6.89	6.94		U 2			1							S
27750	6.564	0.005	4.912	0.003		1.382	0.005	G	1.31	0.02	A	4.9282	0.0009	0.005	63		4.92	4.94		C	05524+0151	I 1	1							S
27751	8.168	0.011	7.008	0.007		0.996	0.010	T	0.97	0.01	L	7.0615	0.0012	0.006	73		7.05	7.07		C			1							S
27752	9.163	0.013	8.599	0.012		0.528	0.016	T	0.60	0.02	L	8.6689	0.0015	0.016	106		8.64	8.69		C			1							
27753	9.804	0.015	9.635	0.019		0.162	0.023	T	0.18	0.02	L	9.6870	0.0026	0.032	210		9.63	9.74					1 S							
27754	8.639	0.011	8.541	0.013		0.096	0.016	T	0.11	0.02	L	8.5646	0.0018	0.016	121		8.54	8.60		C			1							
27755	10.995	0.057	9.352	0.023		1.375	0.048	T	1.35	0.06	L	9.3646	0.0024	0.019	97		9.33	9.41		U			1							
27756	9.063	0.013	8.910	0.015		0.147	0.019	T	0.16	0.02	L	8.9463	0.0014	0.015	113		8.92	8.97		C			1 G							
27757	8.860	0.015	8.716	0.018		0.131	0.022	T	0.15	0.02	L	8.7560	0.0015	0.015	121		8.73	8.78		C			1							
27758	7.893	0.012	7.315	0.009	*	0.558	0.015	G	0.63	0.01	H *	7.3699	0.0014	0.011	66	*	7.35	7.38			05525−0217	H 1	2 C S B	AB	355	0.097	0.010	0.87	0.89	S
27759	9.333	0.019	9.048	0.021		0.271	0.027	T	0.31	0.03	L	9.0668	0.0015	0.015	80		9.05	9.10		D			1							
27760	9.494	0.017	8.471	0.012		0.891	0.016	T	0.90	0.01	L	8.5361	0.0013	0.014	108		8.51	8.56					1							S
27761	8.872	0.024	8.207	0.020	*	0.616	0.026	T	0.68	0.02	L *	8.5110	0.0017	0.014	61	*	8.49	8.56		D	05526+4009	I 1	2 C A	AB	105	2.547	0.009	0.78	0.03	
27762	9.879	0.020	9.692	0.024	A	0.172	0.030	T	0.19	0.03	L	9.8141	0.0110	0.039	106	A	9.76	9.89		U	05525−5753	H 1	2 C A	AB	129	12.965	0.015	2.11	0.08	
27763	9.233	0.015	7.881	0.009		1.146	0.014	T	1.11	0.01	L	7.9139	0.0012	0.012	124		7.89	7.93		C			1							S
27764	9.682	0.022	8.388	0.013		1.100	0.020	T	1.06	0.02	L	8.4177	0.0016	0.013	95		8.40	8.45		C			1							
27765	9.052	0.011	7.905	0.008		0.986	0.011	T	0.97	0.01	L	7.9657	0.0009	0.012	147		7.95	7.99					1							
27766	6.957	0.004	5.737	0.003		1.046	0.005	G	1.04	0.04	E	5.7862	0.0007	0.006	131		5.78	5.80		C	05526−3738	I 1	1							S
27767	10.764	0.040	9.594	0.024		1.004	0.036	T	0.98	0.03	L	9.6724	0.0028	0.023	106		9.63	9.70					1							
27768	10.223	0.028	8.895	0.016		1.127	0.025	T	1.09	0.03	L	8.9138	0.0017	0.016	118		8.88	8.94		C			1							
27769	9.562	0.016	8.279	0.010		1.092	0.015	T	1.05	0.02	L	8.3301	0.0014	0.017	141		8.30	8.36					1							
27770	9.585	0.026	9.283	0.029		0.287	0.037	T	0.33	0.05	L	9.3454	0.0023	0.017	75		9.32	9.38		C			1							
27771	10.402	0.026	9.369	0.017		0.899	0.023	T	0.90	0.02	L	9.4057	0.0023	0.027	149		9.36	9.46					1 S							
27772	9.731	0.030	9.269	0.030		0.435	0.039	T	0.50	0.04	L	9.3068	0.0033	0.020	56		9.27	9.34		C			1							
27773	9.765	0.025	8.577	0.016		1.060	0.015	G	1.03	0.01	H	8.6016	0.0018	0.014	67		8.58	8.62		C			1							
27774	8.630	0.010	8.112	0.010		0.478	0.015	G	0.55	0.02	H	8.1604	0.0013	0.012	112		8.14	8.18		C			1							S
27775	7.877	0.013	7.492	0.012		0.406	0.001	G	0.47	0.00	H	7.5494	0.0015	0.008	44		7.53	7.56		C			1							S
27776	10.701	0.035	9.080	0.016		1.382	0.032	T	2.85	0.05	O	8.7803	0.0053	0.059	123		8.68	8.85		U 2			1 S							
27777	6.525	0.006	6.416	0.006		0.098	0.008	T	0.11	0.01	L	6.4378	0.0007	0.006	65		6.43	6.45					1							S
27778	8.094	0.021	6.233	0.014		1.579	0.021	T	1.98	0.18	O	6.1211	0.0251	0.068	32		5.99	6.30					1							S
27779	10.210	0.026	9.654	0.024		0.526	0.026	T	0.60	0.03	L	9.6599	0.0023	0.026	141		9.61	9.71		C			1							
27780	10.457	0.031	9.268	0.019		1.018	0.028	T	0.99	0.02	L	9.3423	0.0019	0.017	131		9.31	9.38					1							
27781	9.434	0.023	9.094	0.025		0.323	0.032	T	0.37	0.04	L	9.1582	0.0027	0.017	56		9.13	9.19		C			1							
27782	8.988	0.013	8.121	0.010		0.760	0.013	T	0.80	0.01	L	8.1877	0.0018	0.014	119		8.17	8.21					1							S
27783	9.619	0.034	9.018	0.031		1.000	0.495	G	0.64	0.05	L	8.5908	0.0468	0.178	40		8.40	8.92			05528+2946	I 2	1 X S							
27784	11.692	0.170	10.214	0.069		1.440	0.022	G	1.44	0.04	H	10.3342	0.0067	0.035	54		10.24	10.37					1 S							D
27785	9.893	0.023	9.412	0.023	A	0.453	0.030	T	0.52	0.03	L	9.4434	0.0070	0.016	105	A	9.41	9.47			05528+2110	H 1	2 C A	AB	251	10.664	0.022	2.29	0.06	G
27786	10.072	0.047	9.081	0.033		0.643	0.126	G	0.71	0.11	R	8.5860	0.0596	0.243	41		8.40	9.06			05528+2946	I 2	1 X S							
27787	8.129	0.010	6.840	0.005	A	1.077	0.004	G	1.08	0.04	E *	6.8435	0.0011	0.009	118	*	6.83	6.86		D	05528−3832	I 1	2 C A	AB	125	1.329	0.013	2.78	0.05	S
27788	7.801	0.007	6.745	0.004		0.916	0.006	T	0.91	0.00	L	6.7963	0.0008	0.007	141		6.79	6.81		C			1 G							S
27789	9.244	0.013	8.013	0.008		1.051	0.012	T	1.02	0.01	L	8.0610	0.0014	0.014	137		8.04	8.09					1							
27790	10.703	0.037	8.852	0.014		1.571	0.033	T	1.66	0.10	O	8.7877	0.0021	0.018	118		8.76	8.83		C			1							
27791	8.593	0.019	7.960	0.016		0.588	0.022	T	0.66	0.02	L	7.8749	0.0030	0.015	46		7.85	7.90		D	05529+3427	I 1	1 X S							S
27792	7.949	0.007	7.732	0.009		0.201	0.011	T	0.22	0.01	L	7.7658	0.0014	0.014	121		7.74	7.79					1							S
27793	9.739	0.043	8.863	0.034		0.767	0.042	T	0.81	0.03	L	8.9269	0.0029	0.017	68		8.90	8.96					1							
27794	10.228	0.038	10.073	0.050		0.141	0.059	T	0.16	0.06	L	10.0931	0.0060	0.028	55		10.04	10.14					1							G
27795	7.424	0.005	6.317	0.004		0.955	0.005	T	0.94	0.00	L	6.3807	0.0006	0.007	159		6.37	6.39					1							S
27796	9.733	0.013	8.557	0.009		1.008	0.012	T	0.98	0.01	L	8.6141	0.0013	0.017	211		8.59	8.64		C			1							
27797	9.955	0.033	9.541	0.034		0.391	0.044	T	0.46	0.05	L	9.7362	0.0035	0.020	57		9.70	9.78		C			1							G
27798	9.193	0.021	8.026	0.014	*	1.001	0.019	T	0.98	0.01	L *	8.0482	0.0015	0.010	51	*	8.03	8.06		D	05529+2907	I 1	2 C S A	AB	160	0.154	0.006	0.18	0.27	
27799	9.133	0.018	8.421	0.016		0.655	0.020	T	0.72	0.02	L	8.4754	0.0023	0.018	67		8.45	8.52					1							S
27800	9.222	0.021	9.226	0.028		0.119	0.015	G	0.13	0.01	H	9.2164	0.0030	0.017	55		9.19	9.24		C			1							

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α deg (ICRS) (8)	δ deg (9)	(10)	Par. π mas (11)	μα* mas/yr (12)	μδ mas/yr (13)	Std err α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	F1 % (29)	F2 (30)
27801		05 52 59.38	+39 14 41.0	8.91		H	88.247 420 55	+39.244 721 11		0.66	4.47	−2.50	1.33	0.91	1.49	1.70	1.02	−26	+31	−23	+10	+13	+4	+10	+36	−10	−33	0	−0.93
27802		05 52 59.67	+15 10 14.3	10.39		H	88.248 617 86	+15.170 645 28		20.53	175.68	103.31	2.00	1.20	2.11	2.19	1.27	+16	+22	−2	−40	−23	+23	−21	−62	+1	+23	0	−0.66
27803		05 53 00.29	−05 59 38.4	9.70		H	88.251 189 13	−05.994 002 02		49.74	−1.19	−346.66	1.25	1.07	1.66	1.47	1.25	+6	+30	−18	−9	−5	−20	−16	−34	−16	+8	0	−0.64
27804		05 53 01.24	−30 34 17.4	7.89		H	88.255 147 85	−30.571 512 46		1.33	−8.33	16.17	0.54	0.60	0.75	0.62	0.70	−9	+11	+0	+4	−3	+14	−3	−12	+0	−12	2	0.12
27805	H	05 53 02.52	+16 20 44.4	8.37		H	88.260 515 35	+16.345 672 32	*	1.85	−9.86	−3.65	1.00	0.61	1.12	1.09	0.66	+7	+38	−19	−4	−13	+0	−7	−39	+11	+16	0	0.42
27806		05 53 02.83	+33 09 27.7	9.50		G	88.261 777 51	+33.157 686 75		3.03	2.58	−11.85	1.55	1.09	1.81	1.94	1.36	−5	+45	−18	+14	+0	+30	+1	+9	−7	+13	0	−0.32
27807		05 53 04.19	−52 30 44.5	8.97		H	88.267 453 13	−52.512 366 23		3.66	−27.37	19.46	0.68	0.70	0.75	0.82	0.83	−2	−10	−7	+6	−8	+12	−5	+9	−14	+0	0	0.16
27808		05 53 06.09	+26 26 43.5	8.11	2	H	88.275 390 20	+26.445 412 35		0.94	0.17	−2.78	1.15	0.72	1.28	1.29	0.96	+6	+57	−26	−8	−4	−7	−8	−6	−7	+60	0	1.12
27809		05 53 06.39	+45 23 39.5	9.58		H	88.276 643 04	+45.394 294 45		9.46	5.72	−14.29	1.59	0.84	1.89	1.63	0.86	−3	+44	−22	+41	+11	+8	+27	−6	+19	+30	0	−0.05
27810		05 53 06.88	−33 48 05.2	4.88	1	H	88.278 684 80	−33.801 439 50		9.55	−4.52	32.40	0.37	0.44	0.53	0.39	0.45	−1	+17	−17	+0	−12	+23	−8	−16	+6	−8	1	−0.01
27811		05 53 06.94	−39 31 26.2	8.39		H	88.278 902 63	−39.523 941 38		2.75	6.29	−8.13	0.58	0.67	0.73	0.62	0.80	−8	−5	+5	+6	+1	+2	+1	+5	−1	−2	0	0.46
27812		05 53 07.44	−36 56 33.1	8.49		H	88.281 020 12	−36.942 526 02		3.94	−7.27	−6.40	0.56	0.63	0.76	0.63	0.77	+1	+6	−19	+4	−1	−4	−1	−8	−10	+3	0	−0.55
27813		05 53 07.78	−38 54 51.5	9.57		H	88.282 423 66	−38.914 294 63		11.14	44.50	37.94	0.80	0.86	1.00	0.83	1.01	−3	+7	+13	+11	−4	+12	−7	−1	−16	−7	0	−2.20
27814		05 53 07.99	−27 27 37.5	9.89		G	88.283 308 31	−27.460 415 08		4.58	3.87	10.29	0.80	0.88	1.21	0.96	1.04	−12	+11	−8	−6	−2	+12	−1	−10	+4	−10	0	1.12
27815		05 53 08.67	+75 52 07.7	8.27		H	88.286 109 09	+75.868 810 90		2.67	2.48	−20.77	0.59	0.76	0.91	0.73	0.98	−3	+11	−2	−1	+5	−4	+5	+6	+6	+3	0	−0.22
27816		05 53 09.19	+04 05 48.3	8.17		H	88.288 308 81	+04.096 759 40		2.68	−1.49	−29.84	0.92	0.65	1.06	0.99	0.75	+3	+43	−23	−10	+5	−16	+2	−15	−3	+30	0	2.17
27817		05 53 09.45	+27 02 40.3	9.75		H	88.289 384 18	+27.044 513 97		1.25	−0.84	−3.13	1.59	1.06	1.71	2.11	1.45	+17	+34	−13	−5	−9	+3	−10	−7	−5	+42	0	−0.26
27818		05 53 09.57	−47 57 18.9	6.75		H	88.289 858 29	−47.955 239 10		3.78	2.82	20.30	0.49	0.48	0.54	0.53	0.57	−1	+19	−5	−7	−4	−4	−1	+10	+1	−15	0	0.96
27819		05 53 10.03	−68 07 07.0	11.57	2	G	88.291 779 50	−68.118 601 94		−5.12	−13.18	7.00	6.93	5.78	7.10	7.22	6.77	−7	+10	−14	−34	−5	−7	−8	−34	+7	−16	0	
27820		05 53 12.59	+11 48 52.2	7.19		H	88.302 468 68	+11.814 489 20		16.53	12.71	−108.44	0.89	0.57	1.00	0.99	0.66	+11	+40	−3	−8	−20	+2	−14	−33	+10	+9	0	−0.29
27821	H	05 53 14.56	−32 48 23.5	7.73		H	88.310 666 52	−32.806 528 60	A	5.12	−5.94	−13.44	1.79	1.90	0.93	0.82	0.77	+7	+8	−2	+6	−1	+21	−2	+2	−5	+6	4	0.20
27822	H	05 53 14.72	−61 50 21.9	6.81		G	88.311 341 01	−61.839 417 00	A	6.58	−5.01	0.24	1.29	1.35	0.80	0.90	1.03	−37	−3	−4	+18	−3	−4	+2	+16	−15	+15	1	0.58
27823		05 53 15.24	−36 15 48.9	8.59		H	88.313 517 33	−36.263 592 67		21.06	−92.01	−42.71	0.68	0.71	0.84	0.77	0.81	−6	+15	−15	+29	−3	+16	−4	−1	−11	−11	1	−2.23
27824		05 53 16.42	−10 41 33.9	9.96		G	88.318 424 30	−10.692 740 92		3.41	−28.03	21.93	1.14	0.84	1.51	1.18	0.83	+30	+15	−13	−24	−50	+11	−50	+8	−28	+34	0	−1.55
27825		05 53 16.65	+30 32 56.4	10.86		G	88.319 365 28	+30.549 010 04		2.09	−7.23	−3.88	2.62	1.95	2.68	4.39	2.99	+21	+16	−29	+30	+39	−18	+33	+34	−13	+33	0	2.04
27826		05 53 18.02	+09 33 32.1	7.24		H	88.325 082 69	+09.558 920 69		1.84	−26.18	−13.59	0.91	0.58	1.02	0.83	0.65	+9	+52	−9	−13	+6	−10	+4	−28	−11	+42	0	1.05
27827	H	05 53 18.29	−41 57 19.1	8.32		H	88.326 219 08	−41.955 312 93	A	3.65	−3.21	3.84	0.97	1.04	1.05	0.84	1.14	−6	+11	+0	−7	−7	+1	−15	+14	−21	+3	2	−0.53
*27828		05 53 19.04	+22 04 20.4	8.40		H	88.329 341 65	+22.072 339 59		11.25	−75.30	−77.84	1.10	0.60	1.25	1.27	0.63	−6	+41	−7	−7	−1	+21	−1	−57	+1	−11	0	−1.39
*27829		05 53 19.02	+20 17 56.9	6.70		G	88.329 266 01	+20.299 131 29		3.48	−2.88	−10.14	1.03	0.70	0.96	1.11	0.69	+46	+32	−9	−45	−58	+10	−51	−78	+4	+53	0	−1.72
27830		05 53 19.64	+27 36 44.2	4.56		H	88.331 848 14	+27.612 285 36		7.45	3.82	−9.58	0.82	0.55	0.90	1.04	0.72	+4	+42	−28	+23	+16	+6	+19	+22	+7	+56	0	0.67
27831		05 53 19.73	−08 19 10.1	9.50		H	88.332 207 63	−08.319 462 64		4.41	−8.33	14.66	1.30	1.13	1.53	1.35	1.26	+28	+11	−4	−50	−22	+17	−25	−49	−25	−10	2	−0.43
27832		05 53 20.01	+61 40 33.8	7.85		H	88.333 364 75	+61.676 067 40		4.14	−3.32	−1.82	0.68	0.62	0.92	0.78	0.63	+10	+14	−3	+5	−12	−13	−11	−33	+16	+3	0	1.08
27833		05 53 21.38	−22 22 17.3	8.39		G	88.339 079 61	−22.371 469 52		2.31	0.32	7.76	0.49	0.61	0.90	0.63	0.79	−16	+16	−16	+9	−4	+10	−4	+13	−12	−17	0	−1.16
27834		05 53 22.62	−08 06 42.2	8.39		H	88.344 250 40	−08.111 713 38		−0.49	3.80	−1.57	0.88	0.79	1.18	1.00	0.91	+17	+8	−2	−28	−10	+21	−15	−43	−27	−9	0	0.71
27835		05 53 22.85	−42 55 16.9	6.55		G	88.345 194 80	−42.921 357 20		4.87	5.88	10.90	0.47	0.51	0.56	0.53	0.61	−1	+2	−11	−6	−2	+11	−1	+8	−1	+3	0	−1.51
27836		05 53 25.06	+72 14 32.6	8.72		H	88.354 399 89	+72.242 381 05		3.49	16.45	−11.48	0.50	0.79	1.05	0.53	0.96	+5	+4	+0	+10	+4	+8	+5	−7	+1	+5	1	0.85
27837		05 53 25.39	−10 40 42.4	8.76	2	H	88.355 791 81	−10.678 441 86		2.61	−13.38	1.69	0.87	0.64	1.17	0.90	0.63	+32	+14	−19	−25	−50	+14	−49	+11	−32	+34	0	0.03
27838		05 53 25.95	+57 57 49.2	7.12		H	88.358 139 49	+57.963 667 30		4.13	48.01	−59.27	0.69	0.48	0.82	0.70	0.47	+7	+34	+1	−17	+2	−5	+4	−32	+10	+3	2	0.68
27839		05 53 26.45	+06 15 20.4	7.21		H	88.360 203 34	+06.255 671 11		3.34	−7.20	5.35	0.96	0.76	0.82	1.16	0.90	+54	+16	−18	−57	−58	+8	−54	−71	+13	+62	2	−0.24
27840		05 53 26.47	−64 40 05.3	8.41		H	88.360 273 96	−64.668 149 93		6.40	55.32	31.66	0.68	0.66	0.69	0.79	0.82	−9	+14	+9	−16	−8	+7	−5	−1	+1	−32	0	0.62
27841		05 53 26.86	+18 10 11.9	7.59		H	88.361 909 24	+18.169 970 32		1.49	−1.72	−5.70	0.94	0.54	1.03	1.04	0.57	+1	+36	+4	+14	−25	−20	−19	−32	+0	+5	0	1.45
27842		05 53 27.14	+00 46 45.2	9.07	2	H	88.363 069 52	+00.779 216 26		1.46	5.08	−2.44	1.13	0.83	1.32	1.32	0.91	−14	+28	−43	−23	−7	+0	+1	−33	+26	−12	0	1.01
27843		05 53 27.37	−43 33 30.8	7.89	2	T	88.364 029 97	−43.558 564 97		5.13	−3.43	−56.62	0.58	0.60	0.66	0.58	0.63	−3	+8	−7	−27	−4	+5	−2	+8	+11	−3	0	−1.14
27844	H	05 53 28.67	+37 20 19.9	6.70		H	88.369 442 04	+37.338 849 58	A	14.93	−43.96	83.88	1.40	1.01	1.19	1.63	1.00	−20	+8	−13	+57	−5	−13	+2	+57	−6	−24	3	0.11
27845		05 53 29.90	−35 49 31.3	9.16		H	88.374 577 27	−35.825 361 67		4.49	−36.26	34.95	0.74	0.77	0.99	0.90	1.02	−8	+20	−5	+2	+5	+22	+2	−14	−25	−9	0	−0.20
27846		05 53 30.09	−63 18 59.8	7.71		H	88.375 377 93	−63.316 616 56		1.92	−3.28	−6.23	0.53	0.52	0.55	0.63	0.64	−4	+12	−2	−6	−5	−14	−4	+0	+7	−21	0	1.63
27847		05 53 30.32	+25 04 24.3	7.50		H	88.376 339 06	+25.073 423 81		0.62	3.53	−3.25	0.87	0.52	0.93	0.98	0.58	+10	+39	−16	+16	−8	+1	−3	−19	+8	+21	0	1.48
27848		05 53 30.80	+44 16 24.5	8.75		H	88.378 346 49	+44.273 458 73		1.64	7.46	−10.79	1.17	0.81	1.29	1.37	0.88	−33	+34	−27	+41	−6	−11	−8	+43	+9	−29	0	−2.08
27849		05 53 30.90	−16 15 53.3	7.28		G	88.378 764 02	−16.264 791 90		18.06	−41.35	−88.47	0.63	0.57	0.84	0.75	0.61	−3	+16	+0	+16	−40	+2	−36	+10	−8	+0	2	1.66
27850		05 53 31.10	+25 44 32.1	8.44	2	G	88.379 594 40	+25.742 248 08		2.53	−0.80	−1.23	1.10	0.64	1.18	1.13	0.74	−3	+52	−21	+18	+5	−1	+11	+2	+5	+37	0	0.04
27851		05 53 33.68	+24 17 13.3	8.07		H	88.390 321 77	+24.287 016 52		0.89	−7.77	−7.61	0.96	0.54	1.02	1.28	0.62	+3	+27	−7	+16	−16	−6	−16	−28	+8	−7	0	−0.25
27852		05 53 33.89	−75 20 38.6	8.29		H	88.391 212 06	−75.344 057 04		10.61	−4.64	15.01	0.63	0.74	0.67	0.73	0.84	−21	+12	+12	−28	+25	+10	+19	−47	−12	−41	1	2.72
27853		05 53 34.27	+40 25 12.5	8.13		H	88.392 771 14	+40.420 127 01		2.54	14.31	−33.21	0.94	0.65	1.09	1.16	0.69	+19	+17	−9	+22	+35	+15	+29	+43	−22	+12	0	−1.00
27854		05 53 35.34	+01 44 35.7	8.43		H	88.397 243 89	+01.743 247 21		5.02	−12.51	−14.82	0.91	0.68	1.08	1.02	0.73	−15	+25	−31	−14	+26	−25	+19	−22	−5	+3	0	−0.85
27855	H	05 53 35.84	−56 40 13.5	8.39		H	88.399 347 14	−56.670 423 23	*	15.13	−30.90	−48.26	0.72	0.72	0.77	0.85	0.87	−1	−7	+15	−3	−15	−7	−13	+13	−12	+0	0	−0.84
*27856		05 53 36.61	+14 25 58.0	9.03		H	88.402 526 92	+14.432 773 85		2.72	3.73	−9.39	1.42	0.89	1.55	1.67	0.97	+33	+8	−13	−48	−37	+44	−33	−61	+17	+49	0	0.40
*27857		05 53 36.60	+36 07 49.9	7.38		G	88.402 500 18	+36.130 518 33		0.61	−3.15	−2.77	0.89	0.58	0.99	1.04	0.60	−16	+28	−17	+6	+23	−11	+18	+24	+2	−3	0	0.83
27858	H	05 53 38.15	+25 35 35.2	8.51		G	88.408 967 44	+25.593 106 97	*	−0.12	2.71	−2.91	1.19	0.63	1.28	1.16	0.68	−10	+54	−19	+16	−8	+0	+4	−19	+7	+24	0	−0.46
27859		05 53 38.88	+39 06 18.1	8.06		H	88.412 013 54	+39.105 023 22		3.97	−5.05	−6.37	1.15	0.76	1.28	1.45	0.82	−15	+34	−27	+11	+26	+1	+21	+31	−6	−21	0	−2.01
27860		05 53 39.77	+33 44 15.7	8.78		H	88.415 712 47	+33.737 701 49		13.83	−3.75	−65.52	1.56	1.04	1.73	1.57	1.18	−38	+63	−45	+26	−13	+14	−2	+17	+7	+1	0	1.01
27861	H	05 53 41.67	−05 42 17.0	7.09		G	88.423 607 34	−05.704 708 41	A	5.78	−2.08	−14.23	1.24	1.08	1.39	1.27	1.09	−28	+44	−44	−27	+23	−26	+5	−40	−1	−26	5	0.36
27862		05 53 42.52	−06 33 40.5	9.44		H	88.427 153 09	−06.561 236 60		3.04	−5.93	6.03	1.16	0.96	1.45	1.24	1.07	+12	+28	−25	−3	−22	−6	−29	−26	−5	+4	0	0.01
27863		05 53 42.53	−31 41 09.1	8.87		H	88.427 219 15	−31.685 857 79		0.10	4.44	−6.08	0.69	0.79	0.98	0.78	0.93	−19	+22	−16	+13	−9	+6	−10	+5	−9	−7	0	1.47
27864	H	05 53 44.08	−05 29 32.7	9.91		H	88.433 682 33	−05.492 403 29	*	1.42	−13.75	−24.53	1.77	1.42	2.27	1.92	1.55	−23	+55	−38	−26	+11	−27	−2	−38	+0	−17	0	−0.65
27865		05 53 44.57	+52 38 24.5	8.33		H	88.435 705 37	+52.640 126 45		4.41	−4.89	−13.70	0.96	0.62	1.14	1.12	0.67	+34	+34	−6	+23	+34	−13	+34	−3	+9	+43	2	−0.86
27866		05 53 46.36	−48 06 29.6	9.06		H	88.443 160 65	−48.108 215 03		2.88	−10.88	13.39	0.81	0.73	0.88	0.84	0.87	+3	+37	+8	−10	−9	−13	−7	+7	−4	−19	0	−0.17
27867		05 53 46.83	+37 30 09.3	9.17		H	88.445 122 10	+37.502 571 01		−1.05	1.56	−1.12	1.46	0.99	1.53	1.87	1.03	+5	+26	−25	+50	+21	−17	+11	+66	−10	−13	0	0.82
27868		05 53 49.71	−68 18 47.4	11.74		G	88.457 105 82	−68.313 155 65		2.68	4.80	4.47	1.99	1.44	2.02	2.29	2.08	−22	+14	−10	−18	+8	−2	+8	−34	+7	−19	0	2.32
27869	H	05 53 50.92	+06 32 49.0	8.47		H	88.462 146 91	+06.546 942 12	A	3.18	−9.22	3.52	3.58	3.03	3.09	3.94	3.23	+30	−3	−37	−41	−52	+25	−38	−56	+32	+29	1	1.63
27870		05 53 51.67	−42 13 49.7	7.97		H	88.465 310 52	−42.230 485 81		10.19	12.04	98.51	0.55	0.59	0.66	0.54	0.67	−2	+7	−12	−6	−8	+9	−8	+3	−1	−3	0	1.33
27871		05 53 52.04	+50 44 06.8	7.88		H	88.466 815 37	+50.735 210 25		2.85	12.82	−11.47	0.88	0.57	1.07	1.10	0.59	+35	+19	−13	+30	+40	−17	+34	−9	+18	+26	0	−0.77
27872		05 53 52.70	−60 05 16.2	9.13		H	88.469 566 21	−60.087 835 52		6.92	−40.20	−28.71	0.74	0.76	0.78	0.89	0.90	−8	+3	−7	−7	+1	−3	+1	−5	−2	−21	0	−0.39
27873		05 53 53.07	−37 32 00.4	7.60		H	88.471 125 09	−37.533 440 54		6.68	−0.52	−39.25	0.58	0.63	0.68	0.68	0.82	+2	+9	−13	−17	−7	−4	−5	−30	+2	+1	0	1.35
27874	H	05 53 54.33	−55 05 37.1	8.55	2	H	88.476 366 45	−55.093 647 62	A	1.12	−4.24	−1.57	1.85	1.77	1.52	1.58	1.78	−6	+10	+15	−6	+5	+11	−12	+0	−17	−8	0	4.79
27875		05 53 54.59	−12 23 39.6	7.80		H	88.477 450 90	−12.394 338 12		4.61	10.86	7.05	0.69	0.62	0.90	0.73	0.59	+22	+9	−11	+2	−35	+7	−32	+13	−12	+14	0	1.05
27876		05 53 57.60	−19 38 19.6	6.68		H	88.489 981 56	−19.638 772 48		3.88	−5.75	−12.58	0.54	0.52	0.76	0.63	0.55	−19	+21	−21	+9	−47	+21	−40	+1	+5	−10	0	−0.50
27877		05 53 58.38	+21 50 10.7	8.68		H	88.493 231 87	+21.836 303 39		2.61	2.77	−2.27	1.19	0.73	1.35	1.65	0.74	+16	+21	−30	−28	−43	+35	−26	−68	+22	+26	0	−1.44
*27878		05 53 58.75	+12 25 12.2	7.76		G	88.494 806 06	+12.420 069 13		18.64	−8.44	−260.15	0.96	0.65	1.05	1.08	0.74	+18	+37	−13	−16	−28	+19	−19	−51	+10	+33	0	−0.54
*27879		05 53 58.71	−14 07 38.0	7.21		H	88.494 609 47	−14.127 221 92		4.60	−10.99	23.83	0.54	0.52	0.88	0.69	0.64	−12	+21	−5	+15	−30	−16	−32	+20	−15	+20	0	−0.06
27880		05 53 58.77	−14 22 49.5	11.46		G	88.494 857 35	−14.380 414 05		4.38	75.49	−434.52	1.49	1.49	2.50	1.92	1.97	−16	+22	+3	+13	−28	−17	−33	+22	−18	+27	0	−1.00
27881		05 53 59.85	+26 25 21.1	8.25	2	H	88.499 365 25	+26.422 533 83		−0.18	2.27	−1.40	1.06	0.62	1.12	1.21	0.74	+6	+42	−6	+16	−6	−5	+1	−1	+6	+26	0	1.71
27882		05 54 00.29	+58 58 02.2	8.69		H	88.501 193 64	+58.967 272 44		0.42	13.78	−10.99	0.85	0.64	1.08	0.99	0.66	+20	+27	+13	−24	−26	−21	−22	−35	+7	−6	0	0.19
27883		05 54 01.25	+13 14 11.8	8.82		H	88.505 209 53	+13.236 605 48		−0.05	2.26	−7.59	1.44	0.86	1.58	1.79	1.04	−30	+50	−19	−22	+20	+4	+20	−59	+12	−37	0	−0.56
27884		05 54 03.33	−06 45 08.3	8.52		H	88.513 871 33	−06.752 305 12		0.90	−1.57	2.71	0.88	0.71	1.08	0.85	0.77	+21	+40	−3	−20	−19	−12	−26	−32	−10	+4	2	2.14
27885		05 54 03.45	+57 02 44.2	7.54		G	88.514 386 56	+57.045 623 54		6.83	6.64	−37.10	0.82	0.61	0.87	0.98	0.59	−2	+28	+4	+7	+50	+5	+41	+4	−2	+13	0	−0.42
27886		05 54 04.26	−04 57 11.5	8.74		H	88.517 731 30	−04.953 207 99		5.49	−16.03	1.26	1.58	1.27	1.60	1.85	1.53	−45	+39	−25	−58	+44	−20	+37	−68	+7	−56	0	−1.28
27887		05 54 04.30	−60 01 24.0	7.17		G	88.517 922 47	−60.023 324 67		77.95	−51.76	−60.44	0.51	0.52	0.53	0.59	0.59	−9	+9	−3	−10	−5	+1	−4	−3	−3	−28	0	−0.60
27888		05 54 05.10	+60 02 43.2	8.55		H	88.521 245 88	+60.045 343 64		4.26	9.73	7.31	0.85	0.72	1.14	1.00	0.77	−4	+16	+5	−19	+13	−9	+11	−37	+12	−22	0	1.38
27889		05 54 05.57	+42 34 34.2	8.44		H	88.523 228 94	+42.576 175 47		0.71	6.78	−18.85	0.95	0.70	1.12	1.10	0.70	−16	+26	−23	+14	+19	+11	+13	+38	−10	−2	0	−0.14
27890		05 54 05.90	−63 05 27.7	4.65		G	88.524 583 76	−63.091 020 96		36.67	120.11	573.43	0.48	0.44	0.48	0.56	0.53	−9	+11	−10	+24	−10	+0	−10	+15	−14	−8	1	0.49
27891		05 54 06.41	−41 20 38.6	8.48		G	88.526 700 71	−41.344 062 33		9.62	33.00	0.17	0.62	0.67	0.75	0.68	0.76	−2	+3	+3	+5	−13	+7	−13	+10	−2	−9	0	−3.11
27892		05 54 06.75	−35 54 10.9	6.78		H	88.528 139 90	−35.903 025 38		9.19	−58.06	13.45	0.49	0.50	0.64	0.57	0.58	−7	+19	−17	+13	−6	+28	−3	+3	−6	−10	0	−1.42
27893		05 54 06.93	+40 23 17.1	8.04		H	88.528 863 19	+40.388 076 72		−1.01	14.72	−10.51	0.96	0.65	1.17	1.14	0.70	+3	+38	+3	+27	+12	+28	+6	+39	−12	−10	0	−0.72
27894		05 54 08.87	−33 28 29.9	11.79		G	88.536 944 45	−33.474 976 76		17.41	74.00	−190.85	1.63	1.96	2.35	1.81	2.16	−6	+12	−21	−1	−4	+14	−1	−5	+4	−12	0	2.49
27895	H	05 54 09.53	+10 14 40.0	7.04		H	88.539 690 33	+10.244 438 03	A	5.15	7.02	−7.15	1.72	1.20	2.06	1.58	1.14	−22	+47	−54	−8	−18	+32	+21	−59	+36	+33	1	0.27
27896		05 54 10.73	−50 21 50.0	6.53		G	88.544 697 95	−50.363 884 20		28.67	93.52	548.66	0.52	0.50	0.55	0.67	0.64	−12	+12	+2	+8	−7	+7	−9	+6	−12	−33	0	−0.73
27897		05 54 11.94	−64 28 56.6	6.62		G	88.549 748 11	−64.482 400 57		7.78	−1.78	64.20	0.51	0.46	0.50	0.56	0.55	−5	+18	+1	−17	−10	−1	−7	−2	+6	−24	0	1.03
27898		05 54 12.25	−47 11 07.6	7.45		H	88.551 030 55	−47.185 448 89		3.10	−11.20	−5.51	0.53	0.52	0.58	0.61	0.61	−4	+17	−9	+2	−8	+4	−9	+7	−7	−8	0	−0.56
27899		05 54 12.75	−06 24 15.0	9.07		H	88.553 138 22	−06.404 162 84		7.65	−5.25	−4.65	1.07	0.89	1.33	1.08	0.97	+20	+34	−17	−20	−17	−12	−25	−34	−4	+1	0	1.69
27900		05 54 13.35	+10 35 11.1	6.13		H	88.555 625 96	+10.586 421 45		2.21	0.00	−7.41	0.93	0.57	1.02	1.23	0.70	−7	+42	−18	−15	+9	+11	+11	−43	+13	−14	3	0.31

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T	σ	V_T	σ		B–V	σ		V–I	σ		Hp	σ	s	N		Max	Min	P		CCDM	Flags	AB	θ	ρ	σ_ρ	ΔHp	σ	Flags
	mag	mag	mag	mag		mag	mag		mag	mag		mag	mag	mag			mag	mag	days					°	″	″	mag	mag	
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
27801	9.008	0.022	8.938	0.027		0.069	0.032	T	0.08	0.04	L	8.9390	0.0014	0.012	67		8.92	8.96		D			1							
27802						1.400	0.495	G	1.67	1.26	I	10.4808	0.0034	0.024	67		10.44	10.51		C			1							G
27803	11.409	0.090	9.803	0.035		1.321	0.001	G	1.59	0.01	A	9.8000	0.0027	0.019	77		9.77	9.83		C			1							G
27804	9.907	0.019	8.052	0.008		1.542	0.016	T	1.60	0.04	L	8.0092	0.0022	0.016	148		7.99	8.04					1							
27805	8.420	0.011	8.379	0.014	*	0.043	0.017	T	0.06	0.01	L *	8.3878	0.0014	0.012	90	*	8.36	8.41		C	05530+1621	H 1	2 C S D	AB	359	0.185	0.048	2.64	0.48	D
27806	11.708	0.155	9.757	0.042		1.700	0.020	G	1.71	0.09	H	9.6148	0.0031	0.022	51		9.58	9.66		C			1							G
27807	10.113	0.029	9.106	0.020		0.879	0.026	T	0.89	0.02	L	9.1279	0.0020	0.017	118		9.09	9.15		C			1							
27808	8.186	0.014	8.131	0.017		0.050	0.020	T	0.06	0.02	L	8.1326	0.0048	0.029	55		8.09	8.21		U 2			1							
27809	10.104	0.044	9.635	0.045		0.455	0.049	T	0.52	0.05	L	9.6846	0.0037	0.023	55		9.65	9.73		C			1							G
27810	4.696	0.003	4.849	0.003		−0.154	0.008	G	−0.14	0.02	A	4.8321	0.0019	0.016	130		4.81	4.86	0.64	P 1 A			1							S P
27811	10.289	0.024	8.550	0.011		1.450	0.021	T	1.45	0.03	L	8.5301	0.0016	0.016	130		8.50	8.56		C			1							
27812	8.598	0.009	8.500	0.011		0.088	0.013	T	0.10	0.01	L	8.5273	0.0017	0.015	131		8.50	8.56					1 G							
27813	10.367	0.027	9.616	0.022		0.686	0.027	T	0.74	0.02	L	9.7155	0.0029	0.024	127		9.68	9.76					1							
27814	10.417	0.028	9.922	0.028		0.470	0.020	G	0.54	0.02	H	10.0037	0.0028	0.032	154		9.94	10.06					1							G
27815	10.255	0.024	8.442	0.010		1.509	0.021	T	1.54	0.03	L	8.3935	0.0016	0.017	144		8.37	8.43					1							
27816	9.851	0.026	8.293	0.013		1.308	0.023	T	1.27	0.02	L	8.3305	0.0021	0.014	81		8.31	8.36		C			1							
27817	10.263	0.050	9.835	0.054		0.744	0.015	G	0.79	0.01	H	9.8943	0.0054	0.026	52		9.84	9.95		C			1							
27818	8.541	0.012	6.889	0.006		1.382	0.011	T	1.35	0.01	L	6.8941	0.0011	0.010	118		6.88	6.91			05532−4757	I 1	1							S
27819	11.605	0.117	11.546	0.177		0.005	0.019	G	0.03	0.02	H	11.6191	0.0100	0.066	87		11.49	11.75		U			1 X							D G
27820	7.759	0.009	7.248	0.008		0.506	0.015	G	0.58	0.02	H	7.3024	0.0009	0.008	73		7.28	7.32		D			1							S
27821	7.858	0.007	7.754	0.008	*	0.094	0.010	T	0.11	0.01	L *	7.7641	0.0012	0.010	128	*	7.75	7.79		D	05532−3248	I 1	2 C A	AB	79	0.311	0.002	0.13	0.03	S
27822	6.912	0.005	6.822	0.006	*	0.064	0.002	G	0.07	0.00	H *	6.8360	0.0008	0.007	107	*	6.82	6.85		D	05532−6150	I 1	2 C A	AS	133	0.352	0.003	0.67	0.02	S
27823	9.463	0.016	8.679	0.013		0.696	0.016	T	0.75	0.01	L	8.7286	0.0016	0.015	120		8.70	8.76					1							
27824	10.477	0.034	9.927	0.031		0.430	0.020	G	0.50	0.02	H	10.0532	0.0027	0.023	144		10.02	10.09		C			1							G
27825						1.504	0.008	G	1.53	0.01	H	11.0080	0.0072	0.031	43		10.89	11.06		C			1							G
27826	9.047	0.016	7.381	0.008		1.393	0.014	T	1.37	0.02	L	7.3879	0.0013	0.010	73		7.37	7.41		C			1							
27827	8.537	0.009	8.427	0.011	*	0.099	0.013	T	0.11	0.01	L *	8.3624	0.0014	0.013	116	*	8.34	8.39		D	05533−4157	I 1	2 C A	AB	278	1.085	0.005	1.36	0.02	S
27828	9.035	0.013	8.443	0.012		0.552	0.016	T	0.62	0.01	L	8.5183	0.0015	0.012	114		8.50	8.54					1							
27829	6.630	0.005	6.686	0.006		−0.057	0.012	G	−0.04	0.01	H	6.6908	0.0007	0.007	113		6.68	6.70		C			1							S
27830	4.547	0.003	4.556	0.003		−0.008	0.009	G	0.00	0.05	D	4.5611	0.0006	0.005	50		4.56	4.57					1							S
27831	10.085	0.032	9.513	0.030		0.535	0.039	T	0.61	0.04	L	9.6139	0.0026	0.020	81		9.58	9.66					1							
27832	7.891	0.008	7.843	0.010		0.049	0.012	T	0.06	0.01	L	7.8752	0.0013	0.013	108		7.85	7.90		C			1							S
27833	8.298	0.007	8.361	0.009		−0.063	0.003	G	−0.04	0.00	H	8.3743	0.0015	0.015	156		8.35	8.41		C			1							
27834	10.499	0.041	8.568	0.015		1.603	0.035	T	1.62	0.04	L	8.4997	0.0022	0.015	80		8.48	8.53					1							
27835	8.343	0.011	6.708	0.005		1.370	0.001	G	1.33	0.04	E	6.7072	0.0006	0.007	117		6.69	6.72		D			1							S
27836	10.431	0.021	8.857	0.010		1.320	0.018	T	1.28	0.02	L	8.8695	0.0014	0.021	214		8.84	8.90		C			1							
27837	8.837	0.011	8.763	0.013		0.073	0.016	T	0.08	0.02	L	8.7924	0.0031	0.025	149		8.75	8.84		U 2			1							
27838	9.034	0.012	7.268	0.006		1.472	0.011	T	1.49	0.02	L	7.2542	0.0015	0.014	124		7.23	7.28					1							S
27839	8.308	0.012	7.309	0.008		0.901	0.003	G	0.90	0.00	G	7.3698	0.0012	0.010	74		7.36	7.39		C			1							S
27840	9.624	0.018	8.500	0.012		0.960	0.017	T	0.95	0.01	L	8.5578	0.0013	0.012	107		8.54	8.58		C			1							
27841	8.171	0.010	7.645	0.010		0.494	0.013	T	0.57	0.01	L	7.6960	0.0008	0.010	84		7.68	7.72		C			1							S
27842	9.531	0.022	9.087	0.022		0.419	0.029	T	0.49	0.03	L	9.1690	0.0057	0.037	64		9.10	9.21		U 2			1							
27843	8.881	0.012	7.980	0.009		0.813	0.017	G	0.84	0.01	H	8.0314	0.0095	0.057	126		7.95	8.12	2.48	P 1 A			1							
27844	7.344	0.008	6.860	0.008	A	0.200	0.495	G	0.52	0.02	L *	6.8062	0.0010	0.008	89	*	6.79	6.83		D	05535+3720	I 1	2 C A	AB	355	1.712	0.005	2.00	0.03	S
27845	10.787	0.043	9.344	0.020		1.217	0.037	T	1.18	0.04	L	9.3271	0.0019	0.016	115		9.30	9.36		C			1							
27846	7.735	0.008	7.717	0.008		0.029	0.002	G	0.05	0.00	H	7.7308	0.0012	0.010	112		7.71	7.75		C			1							S
27847	8.857	0.016	7.626	0.010		1.042	0.002	G	1.01	0.00	H	7.6704	0.0015	0.011	88		7.65	7.70		D			1 S							S
27848	8.899	0.018	8.736	0.021		0.149	0.026	T	0.16	0.03	L	8.8072	0.0022	0.015	66		8.79	8.84		C			1							
27849	7.908	0.008	7.333	0.007		0.543	0.015	G	0.62	0.01	H	7.3959	0.0009	0.010	102		7.38	7.41		C			1							S
27850	8.611	0.015	8.487	0.018		0.230	0.015	G	0.26	0.02	H	8.4427	0.0101	0.065	68		8.37	8.62		U 2 C			1							
27851	8.000	0.008	8.055	0.011		−0.046	0.012	T	−0.02	0.01	L	8.0601	0.0017	0.012	90		8.04	8.09		C			1							
27852	8.871	0.013	8.352	0.012		0.497	0.013	T	0.57	0.01	L	8.4015	0.0013	0.013	111		8.38	8.42					1							S
27853	8.405	0.014	8.130	0.015		0.262	0.019	T	0.29	0.02	L	8.2035	0.0019	0.013	72		8.19	8.23					1							
27854	8.750	0.016	8.453	0.017		0.227	0.004	G	0.25	0.01	H	8.4932	0.0012	0.009	67		8.48	8.51		C			1							
27855	9.206	0.015	8.483	0.012	*	0.650	0.014	T	0.71	0.01	L *	8.5271	0.0017	0.016	117	*	8.50	8.56		D	05536−5640	I 1	2 C S A	AB	98	0.164	0.006	0.14	0.28	S
27856	9.069	0.014	9.026	0.019		0.020	0.015	G	0.04	0.01	H	9.0434	0.0017	0.014	70		9.02	9.08					1							
27857	8.782	0.017	7.521	0.011		1.120	0.015	G	1.08	0.02	H	7.5485	0.0011	0.008	67		7.54	7.56		C			1							S
27858	8.594	0.016	8.489	0.019	*	0.070	0.015	G	0.08	0.02	H *	8.5319	0.0024	0.012	75	*	8.51	8.56		C	05536+2536	H 1	2 C S A	AB	142	0.126	0.011	0.44	0.70	
27859	9.557	0.026	8.202	0.015		1.148	0.024	T	1.11	0.02	L	8.2305	0.0014	0.010	69		8.22	8.25		C			1							
27860	9.491	0.029	8.825	0.025		0.617	0.032	T	0.69	0.03	L	8.9145	0.0037	0.020	40		8.89	8.95					1							
27861	7.087	0.006	7.082	0.007	*	−0.010	0.000	G	0.01	0.00	H *	7.1037	0.0014	0.008	65	*	7.09	7.12		D	05537−0542	H 1	2 C D	AB	122	0.501	0.041	3.81	0.19	S D
27862	9.666	0.021	9.451	0.025		0.205	0.031	T	0.23	0.04	L	9.5043	0.0033	0.024	82		9.48	9.55					1							
27863	10.834	0.040	9.019	0.015		1.510	0.034	T	1.54	0.05	L	8.9928	0.0024	0.019	131		8.96	9.03					1 S							
27864	10.322	0.040	9.957	0.045	*	0.346	0.056	T	0.41	0.08	L *	9.9889	0.0030	0.022	58	*	9.96	10.03		D	05537−0530	H 1	2 C S A	AB	226	0.172	0.013	0.13	0.55	G
27865	9.746	0.018	8.453	0.011		1.100	0.016	T	1.06	0.02	L	8.4993	0.0017	0.015	115		8.48	8.52		C			1							
27866	9.789	0.021	9.138	0.019		0.596	0.021	T	0.67	0.02	L	9.1858	0.0020	0.018	110		9.15	9.21		C			1							
27867	11.176	0.057	9.337	0.022		1.500	0.015	G	1.53	0.02	H	9.2943	0.0015	0.017	92		9.27	9.34		C			1							
27868						−0.012	0.049	G	0.01	0.04	H	11.7786	0.0069	0.052	89		11.67	11.88					1							D
27869	8.910	0.016	8.574	0.017	*	0.319	0.021	T	0.37	0.03	L *	8.5455	0.0025	0.016	74	*	8.52	8.58		D	05538+0633	I 1	2 C A	AB	320	0.735	0.005	0.01	0.01	
27870	8.437	0.009	8.016	0.009		0.411	0.010	T	0.48	0.01	L	8.0607	0.0009	0.011	125		8.04	8.08		C			1							S
27871	9.824	0.021	8.033	0.010		1.491	0.018	T	1.51	0.03	L	8.0121	0.0010	0.010	120		7.99	8.03		C			1							
27872	10.057	0.023	9.207	0.017		0.747	0.022	T	0.79	0.02	L	9.2651	0.0020	0.017	115		9.24	9.29		C			1							
27873	8.036	0.007	7.632	0.007		0.365	0.002	G	0.43	0.00	H	7.6840	0.0014	0.013	136		7.66	7.71					1 G							S
27874	10.931	0.050	8.891	0.017	A	1.604	0.143	G	1.74	0.21	K *	8.6521	0.0130	0.072	99	*	8.55	8.77		U 2	05539−5506	H 1	2 C D	AB	60	1.542	0.060	3.41	0.44	W
27875	9.085	0.013	7.909	0.008		1.008	0.012	T	0.98	0.01	L	7.9669	0.0013	0.012	116		7.95	7.99		C			1							
27876	6.801	0.004	6.694	0.004		0.104	0.005	T	0.12	0.01	L	6.7205	0.0007	0.009	150		6.70	6.73		C			1							S
27877	8.721	0.010	8.695	0.013		0.029	0.015	T	0.05	0.01	L	8.6967	0.0017	0.016	124		8.67	8.72					1							
27878	8.474	0.013	7.828	0.011		0.590	0.015	G	0.66	0.01	H	7.8809	0.0011	0.009	70		7.87	7.89		C	05540+1225	I 1	1							S
27879	9.181	0.012	7.360	0.006		1.515	0.011	T	1.55	0.02	L	7.3320	0.0013	0.014	156		7.31	7.35					1							S
27880						0.520	0.020	G	0.59	0.02	R	11.6128	0.0050	0.046	134		11.53	11.67					1							G
27881	8.326	0.014	8.259	0.017		0.060	0.020	T	0.07	0.02	L	8.2712	0.0040	0.027	63		8.23	8.31		U 2			1							
27882	10.576	0.033	8.850	0.014		1.440	0.028	T	1.44	0.04	L	8.8299	0.0013	0.020	143		8.80	8.86					1							
27883	10.263	0.039	8.940	0.022		1.123	0.035	T	1.09	0.04	L	8.9905	0.0024	0.014	71		8.97	9.01		C			1							
27884	8.488	0.011	8.521	0.015		−0.026	0.017	T	0.00	0.02	L	8.5253	0.0018	0.015	87		8.50	8.55		C			1							
27885	8.018	0.011	7.575	0.008		0.422	0.015	G	0.49	0.02	H	7.6398	0.0014	0.013	86		7.62	7.67					1							S
27886	9.288	0.019	8.769	0.018		0.487	0.024	T	0.56	0.03	L	8.8499	0.0016	0.017	57		8.81	8.87		D			1							
27887	8.362	0.009	7.268	0.006		0.935	0.003	G	0.98	0.00	I	7.2920	0.0009	0.008	119		7.28	7.31		C			1							S
27888	10.000	0.028	8.695	0.016		1.109	0.025	T	1.07	0.03	L	8.7199	0.0016	0.016	112		8.69	8.75		D			1							
27889	10.162	0.033	8.588	0.017		1.320	0.029	T	1.28	0.03	L	8.5943	0.0022	0.014	70		8.57	8.63		C			1							
27890	5.982	0.004	4.764	0.004		1.022	0.045	G	1.03	0.02	A	4.8015	0.0005	0.005	116		4.80	4.81					1 G							S
27891	9.127	0.012	8.513	0.011		0.559	0.015	G	0.63	0.01	H	8.5877	0.0014	0.014	129		8.56	8.61		C			1							
27892	7.298	0.006	6.833	0.005		0.438	0.007	T	0.51	0.01	L	6.8829	0.0007	0.008	126		6.87	6.90		C			1							S
27893	10.319	0.034	8.230	0.013		1.767	0.030	T	2.06	0.08	O	8.1182	0.0020	0.019	72		8.08	8.15					1							
27894						1.340	0.011	G	1.55	0.02	I	11.9063	0.0056	0.053	132		11.81	12.00					1							D
27895	8.112	0.015	7.121	0.012	*	0.867	0.014	T	0.88	0.01	L *	7.1963	0.0017	0.008	59	*	7.18	7.21		D	05542+1015	I 1	2 C A	AB	186	2.145	0.004	1.68	0.02	S
27896	7.663	0.007	6.620	0.006		0.891	0.019	G	0.92	0.02	A	6.6769	0.0008	0.008	107		6.66	6.69					1							S
27897	7.084	0.004	6.655	0.004		0.383	0.008	G	0.45	0.01	H	6.7085	0.0007	0.006	107		6.70	6.72					1							S
27898	9.148	0.014	7.588	0.007		1.309	0.012	T	1.27	0.01	L	7.6067	0.0015	0.011	126		7.59	7.63					1							S
27899	9.683	0.025	9.141	0.023		0.508	0.030	T	0.58	0.03	L	9.1852	0.0025	0.014	71		9.16	9.21		C			1							
27900	7.987	0.013	6.277	0.006		1.404	0.080	G	1.45	0.02	A	6.2637	0.0009	0.006	59		6.25	6.28					1							S

Number HIP	Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag		Position: epoch J1991.25 α (ICRS) deg	δ deg	Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ	Standard Errors $\alpha*$ mas	δ	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ	Astrometric Correlations (%)	Soln F1 %	F2
1 2	3	4	5	6 7	8	9 10	11	12	13	14	15	16	17	18	19 20 21 22 23 24 25 26 27 28	29	30
27901 H	05 54 14.04	−29 08 49.6	6.34	G	88.558 520 70	−29.147 102 28 *	17.84	−32.60	−42.55	3.74	0.75	0.71	0.57	0.64	+ 5 + 1 + 9 −13 + 1 − 6 + 6 − 6 − 9 − 9	3	0.99
27902	05 54 15.72	+03 13 32.8	6.30	H	88.565 513 72	+03.225 768 39	5.91	60.22	−52.32	0.69	0.51	0.76	0.74	0.59	−13 +29 −17 − 6 + 7 − 3 + 9 −21 − 1 + 9	0	0.05
27903	05 54 16.31	+58 13 39.6	8.97	H	88.567 943 95	+58.227 674 03	2.64	−9.89	−1.28	0.95	0.65	1.12	1.07	0.68	+ 8 +26 + 0 −21 + 1 − 3 + 4 −30 +18 − 4	0	0.67
*27904	05 54 17.85	−25 31 39.0	10.82	H	88.574 387 03	−25.527 487 65 B	16.91	7.82	17.12	17.64	21.30	11.52	14.82	16.86	+ 3 − 2 −25 −17 −10 + 7 − 6 +12 −15 − 5	2	1.55
*27905	05 54 17.77	−51 50 32.9	9.07	H	88.574 041 30	−51.842 484 18	4.19	−3.86	3.53	0.78	0.82	0.85	0.91	0.94	− 5 + 3 + 4 + 6 −19 + 4 −19 − 4 − 7 −10	1	−0.74
27906	05 54 18.78	+24 19 43.3	9.67	G	88.578 235 56	+24.328 683 45	1.53	−3.80	−5.37	1.34	0.85	1.40	1.72	0.94	+19 +34 − 1 −11 −24 − 6 −23 −60 + 8 + 8	0	−0.63
27907	05 54 18.81	+26 38 22.8	8.78	H	88.578 372 66	+26.639 655 50	6.46	−51.10	−8.60	1.24	0.69	1.36	1.42	0.78	− 3 +45 −20 +16 −19 + 3 + 0 −28 +22 +23	0	1.23
27908	05 54 19.16	−25 31 37.1	8.50	H	88.579 846 59	−25.526 969 49 A	3.64	−5.26	−2.62	1.23	1.57	1.69	1.36	1.68	+ 2 + 1 −27 −12 −11 + 5 − 8 +15 −18 − 6	2	1.55
27909	05 54 19.69	+76 27 46.0	10.65	H	88.582 044 47	+76.462 772 99	8.06	56.81	−6.78	1.09	1.49	1.80	1.31	1.79	+ 3 + 7 + 5 + 8 +10 − 3 +10 + 0 −14 +16	0	1.59
27910	05 54 21.21	−42 39 06.9	9.89	H	88.588 365 13	−42.651 926 03	12.36	114.43	−38.46	0.88	1.02	1.10	0.94	1.17	− 2 + 2 −13 −14 − 2 + 5 − 2 − 3 −15 + 1	0	0.70
27911 H	05 54 22.38	+18 54 01.6	7.95	H	88.593 237 32	+18.900 451 60 A	−1.68	−3.80	−13.96	7.07	4.94	3.38	7.30	4.40	−16 +22 + 4 − 6 +35 −16 +16 −61 + 4 −55	2	2.24
27912	05 54 22.48	−01 04 35.4	7.43	2 H	88.593 682 63	−01.076 496 06	−0.99	−8.02	10.09	0.88	0.68	1.09	0.98	0.75	+ 0 +43 −20 −20 + 4 −26 − 2 −27 + 4 − 8	0	0.54
27913	05 54 23.08	+20 16 35.1	4.39	1 H	88.596 183 05	+20.276 414 98	115.43	−163.17	−98.92	1.04	0.61	1.08	1.06	0.60	+35 +40 −25 −35 −59 +22 −44 −70 +13 +59	0	−1.44
27914	05 54 23.68	−15 43 55.2	7.20	H	88.598 647 12	−15.731 994 38	2.51	−3.13	2.78	0.65	0.56	0.95	0.78	0.73	−12 +27 −21 − 4 −32 + 1 −42 +19 −25 +18	2	0.85
27915	05 54 23.98	−04 43 45.7	9.54	H	88.599 914 47	−04.729 368 40	5.25	15.69	−15.13	1.58	1.28	1.79	1.85	1.55	−32 +42 −16 −42 +29 −28 +22 −52 + 6 −43	0	1.45
27916	05 54 26.86	−46 38 35.2	9.12	H	88.611 907 92	−46.643 124 02	6.00	16.11	8.89	0.80	0.72	0.82	0.97	0.84	−13 + 8 −15 +36 − 8 +13 − 5 +11 − 7 − 6	0	0.48
27917	05 54 28.27	−17 46 14.7	8.28	H	88.617 771 81	−17.770 744 19	4.40	−2.29	28.04	0.81	0.76	1.15	1.07	0.90	+ 1 +19 −11 + 3 −41 +25 −37 +15 − 1 + 7	0	−0.48
27918	05 54 28.53	+02 08 37.7	8.84	G	88.618 877 83	+02.143 802 86	37.57	79.23	−646.46	1.18	0.89	1.26	1.34	1.00	−38 +27 −20 −34 +45 −22 +37 −50 −14 −29	0	−1.95
27919	05 54 28.73	+08 03 15.7	7.15	G	88.619 690 52	+08.054 356 68	4.06	5.98	−5.96	0.87	0.59	0.98	1.15	0.74	−22 +36 −22 + 1 + 4 −15 + 5 −28 +17 −24	0	2.09
27920	05 54 29.60	−08 24 45.2	6.61	H	88.623 346 26	−08.412 561 81	4.43	52.20	−34.76	0.72	0.62	0.89	0.79	0.70	+36 + 7 − 2 −37 −26 +22 −31 −49 −24 + 4	4	0.25
27921	05 54 29.91	−03 03 20.1	9.69	H	88.624 619 24	−03.055 576 17	3.05	4.68	−9.53	1.54	1.19	1.68	2.05	1.59	−28 +36 −14 −28 +22 + 0 +14 −46 −11 −36	0	0.20
27922	05 54 30.10	−19 42 15.4	7.51	1 H	88.625 409 18	−19.704 282 07 A	43.86	92.56	−26.22	0.90	0.89	1.19	0.97	0.86	−20 +35 −14 − 4 −32 + 4 −29 −11 − 3 − 4	1	1.35
27923	05 54 31.08	−55 50 39.7	9.10	H	88.629 488 21	−55.844 356 38	14.06	−28.57	210.39	0.82	0.77	0.85	0.96	0.98	− 2 − 1 + 7 +15 − 7 +10 − 8 + 6 −12 − 1	0	−0.77
27924	05 54 32.25	+11 45 47.9	6.59	H	88.634 371 27	+11.763 301 20	10.69	27.41	−41.71	0.77	0.53	0.87	0.87	0.59	+ 4 +35 −16 + 2 − 2 +13 + 5 −30 + 9 +20	0	0.13
27925	05 54 32.66	−35 05 06.3	8.12	2 H	88.636 082 08	−35.085 086 55	5.47	0.70	−13.93	0.54	0.63	0.72	0.57	0.70	+ 0 +18 − 3 +15 −16 +10 −16 + 8 + 3 − 6	0	0.82
27926	05 54 33.59	+22 57 22.2	9.24	G	88.639 978 05	+22.956 156 49	8.37	−3.70	7.94	1.25	0.66	1.36	1.09	0.64	−32 +54 −26 + 4 − 6 +17 +20 −52 +18 +13	0	−0.07
27927	05 54 33.84	−25 15 14.4	8.50	2 H	88.641 011 85	−25.253 987 22	2.50	6.28	1.70	0.56	0.69	1.02	0.72	0.80	− 1 − 2 −11 −11 − 6 +24 − 2 +14 −18 − 9	0	1.91
27928	05 54 34.05	−09 23 37.0	10.70	G	88.641 871 79	−09.393 616 61	26.10	115.54	367.61	1.66	1.34	2.13	1.89	1.40	+19 + 1 − 3 −19 −30 +15 −28 −20 −16 − 1	0	−0.16
27929	05 54 34.69	−04 03 53.0	6.57	H	88.644 562 12	−04.064 709 29	2.18	2.33	−1.80	0.80	0.65	0.95	0.96	0.78	−12 +42 −28 −33 +15 −25 + 7 −47 + 6 −15	0	0.35
*27930	05 54 36.43	+05 21 03.7	10.28	H	88.651 779 84	+05.351 038 27 B	−1.71	11.58	−3.49	23.06	14.64	15.62	22.35	13.63	−13 +38 −26 − 6 −25 + 7 −13 −36 + 8 +30	8	2.15
*27931	05 54 36.35	−03 12 31.8	8.22	H	88.651 453 39	−03.208 835 79	7.34	−12.66	11.99	1.01	0.80	1.09	1.32	1.07	−21 +32 − 6 −36 +27 − 6 +17 −51 −13 −36	0	−0.12
*27932	05 54 35.83	+05 21 13.4	8.26	H	88.649 298 39	+05.353 711 13 A	7.15	−8.79	−9.48	2.90	2.00	2.47	3.18	2.12	− 8 +42 −33 −11 −29 +14 −11 −45 +13 +34	8	2.15
27933	05 54 36.63	+11 29 08.0	7.31	H	88.652 620 52	+11.485 557 82	12.76	36.97	−34.79	0.83	0.56	0.94	0.99	0.67	− 4 +34 −16 + 2 − 5 + 2 + 2 −32 +12 + 8	2	0.61
27934	05 54 37.44	+15 30 27.8	8.00	H	88.655 987 10	+15.507 721 40	2.76	−7.87	−14.64	1.21	0.71	1.22	1.53	0.81	+18 +32 −20 −42 −22 +13 −16 −60 +13 + 4	0	2.70
27935	05 54 39.17	−26 39 37.4	6.85	H	88.663 216 08	−26.660 378 15	9.58	−19.62	41.87	0.44	0.50	0.73	0.57	0.57	− 5 + 0 − 4 −10 − 4 +19 − 2 + 3 −12 −17	0	−0.27
27936	05 54 40.79	−03 28 56.6	8.12	H	88.669 969 75	−03.482 380 66	14.97	23.33	28.60	1.03	0.78	1.17	1.24	1.01	−16 +43 −13 −24 + 8 −15 + 1 −37 − 5 −26	0	−0.93
27937	05 54 41.12	−49 37 37.4	6.11	H	88.671 348 53	−49.627 043 26	2.96	−5.23	13.82	0.49	0.44	0.51	0.59	0.57	− 6 + 9 −13 −10 − 7 +13 − 6 +14 − 9 − 8	0	1.95
27938	05 54 43.59	−11 46 27.3	5.62	1 H	88.681 606 33	−11.774 260 82	4.37	75.57	28.25	0.57	0.46	0.72	0.55	0.43	+31 +13 − 8 −15 −42 + 5 −40 +12 −20 +23	0	−0.34
27939	05 54 44.04	+00 58 07.0	5.99	G	88.683 493 48	+00.968 614 99	3.94	−2.90	0.01	0.74	0.54	0.86	0.83	0.60	+ 8 +18 −28 −20 −14 + 1 −10 −31 +25 − 5	0	0.18
27940	05 54 44.60	−07 22 41.2	9.40	H	88.685 850 13	−07.378 120 42	5.47	7.24	−13.97	1.21	0.98	1.50	1.19	1.06	+25 +31 − 9 −15 −24 + 1 −30 −29 − 9 + 1	0	1.43
27941	05 54 44.73	+13 51 17.1	7.90	2 H	88.686 383 57	+13.854 743 93	0.37	−0.29	−2.41	1.03	0.66	1.13	1.19	0.74	− 8 +32 − 7 −20 +12 +12 +13 −45 + 4 − 1	0	−0.95
27942 H	05 54 46.23	−53 34 32.1	7.73	H	88.692 607 11	−53.575 578 05 *	6.97	36.68	17.35	0.59	0.58	0.63	0.70	0.77	+11 − 2 + 1 − 3 − 4 + 2 − 5 + 6 −18 +18	0	2.80
27943 H	05 54 46.65	−76 48 27.0	8.38	H	88.694 361 79	−76.807 489 09 A	10.65	28.46	−3.24	0.97	0.98	0.91	0.97	1.09	− 5 +13 −11 −15 + 5 + 1 + 4 −12 − 8 −10	0	−0.93
27944	05 54 47.10	+13 50 46.7	8.29	H	88.696 235 63	+13.846 296 63	−0.17	−0.78	−8.42	1.14	0.73	1.25	1.35	0.83	−12 +30 −11 −20 +13 +12 +16 −47 + 8 − 7	0	1.54
27945 H	05 54 48.51	+45 20 39.7	8.83	H	88.702 134 14	+45.344 356 59 A	−0.69	−1.43	−0.64	2.20	1.49	1.83	1.81	0.94	+28 +30 +10 + 4 − 1 + 2 +14 −42 +17 +31	0	−0.73
27946	05 54 50.04	+47 07 51.3	8.33	H	88.708 513 01	+47.130 923 66	3.45	6.29	−14.71	0.99	0.52	1.11	1.13	0.57	+17 +31 − 9 +39 +29 −12 +35 −19 +27 +23	0	−1.24
27947	05 54 50.11	−52 38 09.9	5.29	H	88.708 785 24	−52.636 072 72	28.65	−17.21	243.54	0.43	0.44	0.47	0.47	0.54	+ 4 −12 − 9 + 2 − 4 + 7 − 3 + 7 −11 + 3	0	0.50
27948	05 54 50.62	−65 07 30.1	10.11	H	88.710 929 89	−65.125 034 18	17.26	−30.13	238.59	1.05	1.01	1.07	1.26	1.33	−14 +22 − 9 −10 − 5 + 3 − 5 + 3 − 8 −25	2	0.97
27949	05 54 50.79	+55 42 24.9	4.96	H	88.711 607 76	+55.706 904 90	13.54	−3.65	17.20	0.63	0.45	0.72	0.88	0.48	+18 +15 + 2 + 5 +25 +24 +21 − 4 + 5 +38	0	0.21
27950	05 54 51.27	−47 38 33.2	8.25	H	88.713 606 13	−47.642 564 16	10.39	65.07	107.58	0.60	0.60	0.67	0.63	0.67	− 1 +23 + 1 − 8 − 2 − 6 − 2 − 5 − 1 −13	0	0.74
*27951	05 54 51.65	+80 15 38.7	8.74	H	88.715 196 44	+80.260 759 34	1.61	7.75	−6.06	0.60	0.71	0.85	0.61	0.82	+ 7 +19 + 9 + 3 +12 + 2 +15 +18 + 8 + 2	1	−0.17
*27952	05 54 51.49	−70 30 33.9	8.28	H	88.714 552 30	−70.509 428 41	11.66	−8.68	178.26	0.70	0.54	0.72	0.72	0.77	−19 +25 −11 − 3 + 8 + 3 + 6 −29 − 4 −27	0	−2.36
27953	05 54 51.70	−49 00 03.7	9.45	H	88.715 421 06	−49.001 040 80	3.12	1.59	9.68	0.95	0.85	0.98	1.11	1.10	+ 2 +28 − 2 +25 + 2 − 1 − 2 +21 −16 + 9	0	0.78
27954	05 54 52.16	+36 14 54.8	7.32	H	88.717 329 70	+36.248 558 53	1.35	1.82	−3.39	0.90	0.63	1.02	1.38	0.95	− 1 +23 −14 +10 − 4 − 8 + 1 + 1 +24 − 4	0	0.35
27955	05 54 52.49	−39 57 28.5	5.55	1 H	88.718 724 85	−39.957 909 52	6.41	−12.71	21.58	0.44	0.45	0.53	0.50	0.51	− 4 + 6 + 2 +10 − 4 + 0 − 5 − 4 + 7 −18	0	0.96
*27956	05 54 54.00	+22 31 11.7	7.20	H	88.725 003 53	+22.519 924 55	3.25	12.55	8.29	0.97	0.50	1.10	0.79	0.48	− 8 +58 −19 − 9 −20 +21 − 2 −59 + 8 +28	0	−0.30
*27957	05 54 53.96	−75 27 32.9	8.39	H	88.724 826 63	−75.459 150 67	16.91	9.23	105.30	0.64	0.72	0.66	0.72	0.83	−23 +14 +14 −33 +23 + 6 +18 −46 −13 +42	0	0.32
27958	05 54 54.03	−38 14 49.1	8.24	H	88.725 117 97	−38.246 967 91	1.49	−1.67	−1.15	0.63	0.67	0.79	0.70	0.79	− 1 +14 − 2 + 5 − 2 +11 − 3 −14 −13 − 1	0	−0.66
27959	05 54 54.16	−09 10 51.7	7.27	H	88.725 678 24	−09.181 024 03	4.16	15.23	−16.33	0.85	0.81	0.89	1.18	1.09	−10 − 2 −10 −53 − 6 +14 + 3 −68 − 8 + 7	2	−0.16
27960	05 54 54.53	−00 13 06.0	9.22	H	88.727 228 86	−00.218 335 51	0.83	−3.05	−3.15	1.30	0.89	1.41	1.48	0.99	−28 +41 −19 −39 +26 −18 +23 −39 + 6 −35	0	−2.50
27961	05 54 55.20	+14 13 11.6	6.63	H	88.729 990 57	+14.219 888 62	2.90	−16.55	−24.99	0.90	0.56	1.01	1.00	0.63	− 7 +31 −13 −21 + 4 +18 +11 −39 + 8 +25	0	2.27
27962 H	05 54 55.45	+05 51 38.9	6.80	G	88.731 046 21	+05.860 814 31 A	5.42	0.99	−16.21	1.27	1.04	1.05	1.45	1.07	+42 +15 −18 −51 −52 +15 −50 −64 +12 +47	1	−0.32
27963	05 54 56.47	+05 21 13.9	7.40	H	88.735 281 11	+05.353 860 33	4.85	−10.70	−6.58	1.19	0.73	1.12	1.24	0.84	+27 +46 −16 − 9 −29 − 8 −32 −52 − 1 +37	0	−1.13
27964	05 54 56.55	−59 36 30.6	7.10	H	88.735 633 68	−59.608 499 47	6.64	30.29	17.05	0.53	0.52	0.55	0.64	0.58	−13 +13 − 2 + 8 −12 + 5 −12 + 4 − 7 −34	0	0.39
27965	05 54 56.69	+19 44 58.6	5.92	H	88.736 193 96	+19.749 624 09	2.32	0.39	−4.14	0.76	0.43	0.84	0.76	0.45	+ 3 +42 − 8 − 6 −13 + 5 − 6 −39 + 1 +25	0	1.50
27966	05 54 56.98	−65 53 00.9	7.92	H	88.737 412 42	−65.883 579 50	3.42	−3.63	27.01	0.53	0.50	0.57	0.50	0.53	− 6 +23 −10 −30 +15 −12 +14 −13 + 0 + 3	0	1.03
27967	05 54 57.14	−33 39 56.8	7.88	H	88.738 104 08	−33.665 767 26	2.18	1.09	−0.74	0.55	0.64	0.78	0.57	0.66	− 1 +21 −15 +12 − 8 +22 − 6 − 2 − 3 − 2	1	1.61
27968	05 54 57.15	+00 34 38.5	8.42	H	88.738 129 44	+00.577 354 17	7.16	−2.33	−25.03	1.35	0.78	1.44	1.21	0.85	+14 +60 − 6 −33 − 7 −11 + 4 −42 +19 + 1	0	−0.64
27969	05 54 57.41	−65 57 37.0	8.56	H	88.739 228 15	−65.960 287 67	14.05	−10.59	23.74	0.60	0.61	0.67	0.51	0.63	− 6 +20 −12 −42 +16 −10 +18 −22 +11 + 5	0	1.49
27970	05 54 57.48	−12 56 19.2	7.74	H	88.739 497 92	−12.938 661 75	15.82	−22.46	−38.10	0.74	0.59	0.99	1.08	0.91	+29 +12 − 6 −24 −38 −10 −48 − 9 −16 + 8	0	2.36
27971	05 54 57.83	+59 53 18.3	5.20	2 H	88.740 938 02	+59.888 412 19	8.05	2.00	−18.50	0.58	0.44	0.71	0.71	0.48	+11 + 0 + 2 −26 − 5 + 1 − 5 −29 + 8 −10	2	0.15
27972	05 54 58.47	+17 24 07.1	7.30	G	88.743 641 68	+17.401 965 04	2.15	3.46	−11.47	0.92	0.57	1.07	0.88	0.59	− 7 +47 −31 + 2 −24 +10 − 2 −46 +20 +32	2	1.20
27973	05 54 59.02	+31 42 07.0	5.90	H	88.745 918 34	+31.701 932 76	12.72	−45.10	−179.84	0.90	0.67	0.98	1.26	0.91	+18 +34 −41 +37 +36 − 4 +32 +38 −16 +71	0	1.16
27974 H	05 54 59.13	−42 47 19.6	9.63	H	88.746 371 65	−42.788 777 47 A	10.96	−31.29	−18.10	1.39	1.42	1.46	1.38	1.41	− 9 +12 −14 −10 + 0 + 2 − 1 + 9 −14 − 2	1	0.49
27975	05 54 59.42	−53 31 39.6	8.65	G	88.747 572 67	−53.527 654 19	1.82	−3.82	−6.41	0.71	0.74	0.78	0.83	1.00	+ 8 + 2 − 2 − 5 − 1 + 2 − 4 +13 −11 +21	0	0.76
27976	05 54 59.54	−30 18 20.9	7.82	H	88.748 100 93	−30.305 814 32	4.94	−5.64	9.91	0.52	0.56	0.72	0.59	0.60	− 6 +12 + 0 −16 − 5 +14 − 2 + 8 + 1 −13	1	0.27
27977	05 55 00.20	−55 13 50.4	8.76	H	88.750 814 73	−55.230 664 42	11.39	1.76	−112.91	0.77	0.69	0.77	0.84	0.85	−12 +13 + 0 + 0 + 7 + 4 + 5 +15 −11 − 5	0	−1.21
27978	05 55 00.29	−50 59 19.3	7.58	H	88.751 220 91	−50.988 696 10	14.21	41.73	11.13	0.52	0.57	0.58	0.60	0.71	− 7 + 2 − 5 −16 + 4 − 5 + 5 − 1 − 6 −16	0	−0.28
27979	05 55 00.44	+21 24 21.5	8.18	H	88.751 821 45	+21.405 961 10	1.83	−0.11	−1.34	1.25	0.75	1.19	1.61	0.77	+41 +22 −19 −49 −52 +24 −44 −73 +12 + 9	0	−0.86
27980	05 55 02.02	−00 30 28.3	7.65	G	88.758 412 63	−00.507 848 23	21.41	−102.89	−50.72	0.98	0.66	1.10	1.13	0.75	−10 +33 −17 −26 +12 − 2 + 8 −23 − 8 −19	0	−1.76
27981	05 55 02.83	−06 59 54.3	12.75	H													
27982	05 55 03.74	+27 20 31.8	7.89	G	88.765 573 21	+27.342 167 28	8.44	−21.68	25.77	1.08	0.61	1.23	1.16	0.66	−22 +46 −35 + 4 − 6 +10 +14 −36 +21 +20	2	2.30
27983	05 55 04.68	−72 48 52.5	7.69	H	88.769 483 88	−72.814 596 62	7.41	−34.70	−57.77	0.56	0.62	0.65	0.64	0.80	− 8 + 8 +10 + 1 −10 + 2 − 7 −17 −24 − 2	0	1.67
27984	05 55 05.86	+64 48 20.0	10.10	H	88.774 424 05	+64.805 566 16	−0.90	3.75	−12.56	1.14	1.22	1.71	1.07	1.18	+ 1 +29 +14 −20 − 7 − 8 −10 −47 − 3 −14	0	4.23
27985	05 55 06.70	−02 13 53.9	9.49	H	88.777 910 37	−02.231 630 46	0.73	19.33	−13.67	1.40	1.04	1.71	1.51	1.18	−18 +45 −24 −14 + 0 −19 − 9 −19 − 9 −19	0	0.68
27986	05 55 07.22	−09 48 36.2	7.34	H	88.780 077 72	−09.810 042 66	13.90	8.49	28.92	0.72	0.53	0.91	0.81	0.54	+33 + 8 − 5 −26 −44 +14 −42 −10 −19 +31	0	−0.10
27987	05 55 07.43	−01 55 36.5	7.44	G	88.780 971 04	−01.926 804 13	5.05	2.21	−19.43	0.80	0.59	1.01	0.91	0.67	+ 3 +40 −17 −14 + 5 −33 − 4 −22 + 1 − 8	0	0.74
27988	05 55 09.75	+76 52 10.5	8.07	G	88.790 645 42	+76.869 570 95 A	8.58	11.51	−88.74	1.22	1.56	1.44	1.17	1.54	− 4 +10 − 6 − 7 +10 + 8 +10 − 7 − 3 + 4	0	−1.35
27989	05 55 10.29	+07 24 25.3	0.45	2 H	88.792 871 61	+07.407 036 34	7.63	27.33	10.86	1.51	1.13	1.64	2.30	1.46	+ 8 +19 −26 −21 −27 +11 −15 −50 +21 +28	0	
27990	05 55 12.41	+61 52 00.3	8.60	H	88.801 710 33	+61.866 739 05	4.60	−11.91	−25.20	0.76	0.67	1.05	0.88	0.70	+ 3 +14 −13 + 6 − 8 −11 − 8 −19 +17 − 9	0	1.08
27991	05 55 13.62	−73 09 02.7	7.72	H	88.806 765 44	−73.150 751 70	5.53	9.38	0.03	0.58	0.66	0.65	0.61	0.77	−14 +13 + 7 + 8 −11 + 8 −15 − 2 −18 −17	2	0.04
27992	05 55 13.80	−44 33 41.7	8.65	H	88.807 516 03	−44.561 579 54	8.88	1.44	17.65	0.67	0.70	0.77	0.69	0.76	+ 0 − 1 −20 −23 −11 +12 −11 + 7 + 1 + 3	0	−0.80
27993	05 55 13.95	+83 36 34.8	8.05	H	88.808 130 90	+83.609 674 86	3.43	14.76	−35.31	0.55	0.58	0.70	0.66	0.67	+ 7 +15 − 9 +18 + 5 + 9 + 8 + 4 + 8 +22	0	1.06
27994	05 55 14.47	−00 59 55.4	10.27	H	88.810 273 76	−00.998 723 00	−1.73	−0.18	−11.22	1.88	1.32	2.20	2.03	1.44	−13 +43 −24 −32 + 4 −24 + 3 −31 +11 −24	0	−0.51
27995	05 55 14.94	−49 38 19.2	8.41	H	88.812 268 19	−49.638 667 84	2.33	24.71	17.21	0.70	0.61	0.72	0.82	0.76	− 7 + 6 −13 −11 −10 + 8 − 9 +10 −20 −13	0	1.25
27996	05 55 15.04	+76 52 29.8	11.51	H	88.812 655 54	+76.874 941 61 B	8.58	41.11	−131.34	72.72	82.64	1.44	54.61	60.47	−11 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 9	0	−1.35
27997	05 55 15.81	+12 53 43.3	8.60	G	88.815 878 94	+12.895 364 38	8.84	6.46	−17.39	1.32	0.87	1.60	1.63	0.98	− 4 +41 −39 − 6 −29 +16 − 8 −54 +32 +14	0	−1.51
27998	05 55 16.27	−04 03 13.9	7.92	H	88.817 799 21	−04.053 867 92	3.38	13.55	−25.33	0.93	0.74	1.10	1.09	0.86	−14 +41 −31 −35 +14 −24 + 6 −46 + 6 −18	0	0.84
27999	05 55 20.34	−45 34 42.0	8.39	H	88.834 736 48	−45.578 322 31	2.36	−1.19	6.88	0.63	0.60	0.70	0.70	0.72	− 8 + 5 −13 − 7 + 7 +23 +10 + 7 −12 − 7	0	−0.59
28000	05 55 21.14	+64 19 19.1	7.99	H	88.838 088 90	+64.321 961 59	2.13	−0.10	−3.44	0.63	0.64	0.95	0.66	0.66	− 8 +34 − 6 −11 − 5 −13 − 2 −25 + 8 − 7	0	0.13

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
27901	6.781	0.004	6.384	0.003	*	0.370	0.003	G	0.43	0.00	H *	6.4297	0.0008	0.008	165	*	6.42	6.44		D	05542−2909	I 1	2 C B	AS	179	0.165	0.016	1.83	0.43	S
27902	7.993	0.009	6.454	0.005		1.283	0.004	G	1.22	0.04	E	6.4614	0.0007	0.005	69		6.45	6.47		C			1						S
27903	9.131	0.012	8.963	0.015		0.161	0.018	T	0.18	0.02	L	9.0303	0.0018	0.017	129		9.00	9.07		C			1						
27904	11.877	0.117	10.530	0.049	B	1.142	0.099	T	1.11	0.10	L	10.6133	0.0608			B				D	05543−2532	I 2	1 C I A						
27905	10.396	0.034	9.216	0.021		1.011	0.031	T	0.99	0.03	L	9.2357	0.0020	0.019	106		9.20	9.27		C			1						
27906	9.886	0.024	9.756	0.031		0.321	0.015	G	0.37	0.02	H	9.7416	0.0022	0.023	102		9.70	9.78		C			1						G
27907	9.472	0.027	8.885	0.025		0.548	0.033	T	0.62	0.03	L	8.9033	0.0023	0.015	73		8.89	8.93		C			1						
27908	8.794	0.014	8.548	0.016	A	0.230	0.021	T	0.26	0.03	L	8.5667	0.0108	0.035	183	A	8.52	8.63		D	05543−2532	I 2	1 C P A						S
27909	11.559	0.069	10.673	0.050		0.789	0.064	T	0.82	0.05	L	10.7863	0.0049	0.048	140		10.70	10.87					1						G
27910	10.913	0.043	10.021	0.032		0.779	0.041	T	0.81	0.03	L	10.0348	0.0034	0.025	117		9.99	10.07		C			1						
27911						0.400	0.495	G	0.10	0.07	B *	7.9871	0.0012	0.009	93	*	7.97	8.01		R	05544+1854	I 1	2 C A	AB	150	3.054	0.005	0.10	0.01	S
27912	9.759	0.025	7.681	0.010		1.758	0.022	T	2.81	0.05	O	7.3778	0.0126	0.074	70		7.25	7.51		U 2			1 S						P
27913	5.125	0.003	4.466	0.003		0.594	0.008	G	0.66	0.02	G	4.5219	0.0010	0.010	95		4.51	4.54		M	05544+2017	I 1	1						S
27914	7.216	0.006	7.200	0.007		0.008	0.002	G	0.03	0.00	H	7.2154	0.0010	0.008	94		7.20	7.23		C	05544−1544	I 1	1						S
27915	10.023	0.034	9.584	0.035		0.414	0.045	T	0.48	0.05	L	9.6335	0.0024	0.027	63		9.60	9.69					1						
27916	9.485	0.019	9.158	0.020		0.314	0.030	T	0.36	0.04	L	9.2023	0.0023	0.019	113		9.16	9.24					1						
27917	9.738	0.020	8.402	0.012		1.133	0.018	T	1.10	0.02	L	8.4445	0.0017	0.016	107		8.41	8.47					1						
27918	10.118	0.032	8.892	0.020		1.014	0.002	G	1.10	0.02	A	8.9812	0.0021	0.014	64		8.95	9.00					1						
27919	7.118	0.007	7.157	0.008		−0.028	0.003	G	−0.01	0.00	H	7.1543	0.0009	0.007	63		7.14	7.17					1						S
27920	8.329	0.012	6.747	0.006		1.326	0.011	T	1.29	0.01	L	6.7618	0.0009	0.009	86		6.75	6.77		C			1						S
27921	9.938	0.030	9.787	0.040		0.145	0.047	T	0.16	0.05	L	9.7413	0.0036	0.018	60		9.71	9.77		C			1 S						G
27922	8.375	0.008	7.586	0.008	A	0.700	0.008	T	0.76	0.01	L	7.6500	0.0044	0.014	145	A	7.63	7.69		M	05545−1942	I 1	2 C A	AB	20	10.421	0.017	3.14	0.08	S
27923	10.002	0.023	9.171	0.018		0.720	0.005	G	0.77	0.01	H	9.2344	0.0021	0.019	104		9.19	9.26					1						
27924	6.615	0.004	6.583	0.006		0.029	0.006	T	0.05	0.01	L	6.6042	0.0010	0.006	74		6.59	6.61		C	05545+1146	I 1	1						S
27925	8.554	0.010	8.168	0.010		0.394	0.015	G	0.46	0.02	H	8.2125	0.0043	0.033	124		8.16	8.27	0.15	P 1 A			1						S
27926	9.714	0.017	9.307	0.018		0.410	0.015	G	0.48	0.02	H	9.3352	0.0022	0.020	125		9.29	9.38					1 S						G
27927	10.658	0.031	8.709	0.011		1.652	0.027	T	2.15	0.06	O	8.5676	0.0023	0.026	177		8.52	8.61		U 2			1						
27928						1.172	0.015	G	1.34	0.01	A	10.8270	0.0045	0.037	87		10.77	10.90		C			1						G
27929	6.336	0.005	6.525	0.005		−0.175	0.006	G	−0.18	0.01	H	6.5074	0.0011	0.006	70		6.50	6.52		C			1						S
27930	10.570	0.058	10.038	0.054	B	0.499	0.071	T	0.57	0.07	L	10.4615	0.0400			B				D	05546+0522	I 2	1 C I A						
27931	8.811	0.027	8.273	0.026		0.504	0.034	T	0.58	0.04	L	8.3305	0.0016	0.012	63		8.31	8.35		C			1						
27932	9.339	0.020	8.341	0.015	A	0.873	0.019	T	0.88	0.01	L	8.4191	0.0076	0.028	68	A	8.39	8.50		D	05546+0522	I 2	1 C P A						S
27933	7.633	0.007	7.341	0.007		0.278	0.009	T	0.32	0.01	L	7.3860	0.0011	0.009	77		7.37	7.40					1						S
27934	8.031	0.011	8.000	0.015		−0.010	0.015	G	0.01	0.01	H	8.0052	0.0014	0.009	66		7.99	8.02		D	05546+1530	I 1	1 S						
27935	7.088	0.004	6.868	0.004		0.204	0.006	T	0.22	0.01	L	6.9147	0.0011	0.011	170		6.90	6.94					1						S
27936	8.757	0.013	8.176	0.012		0.543	0.016	T	0.62	0.01	L	8.2388	0.0018	0.015	63		8.22	8.26		C			1						S
27937	5.907	0.004	6.079	0.004		−0.148	0.005	T	−0.15	0.01	L	6.0574	0.0008	0.006	113		6.05	6.07					1						S
27938	7.631	0.008	5.800	0.004		1.523	0.007	T	1.56	0.01	L	5.7444	0.0016	0.018	122		5.72	5.78		U 2			1						S
27939	7.730	0.009	6.126	0.005		1.328	0.001	G	1.19	0.04	E	6.1595	0.0011	0.007	68		6.15	6.17		C			1						S
27940	9.931	0.028	9.459	0.027		0.445	0.036	T	0.51	0.04	L	9.4953	0.0030	0.023	92		9.46	9.53					1						
27941	7.893	0.009	7.889	0.012		0.008	0.014	T	0.03	0.01	L	7.9084	0.0041	0.048	87		7.82	7.96		U 2 C	05548+1351	I 2	1						S
27942	8.060	0.007	7.756	0.008	*	0.290	0.012	T	0.33	0.01	L *	7.8085	0.0014	0.011	108	*	7.79	7.83			05548−5335	I 1	2 C S A	BA	250	0.122	0.006	0.19	0.53	S
27943	9.126	0.014	8.528	0.012	A	0.602	0.096	G	0.67	0.02	L *	8.5071	0.0015	0.012	113	*	8.49	8.53		D	05548−7648	H 1	2 C A	AB	328	3.461	0.010	2.45	0.05	S
27944	8.303	0.009	8.290	0.012		0.020	0.015	G	0.04	0.01	H	8.3023	0.0019	0.017	88		8.27	8.33			05548+1351	I 2	1						
27945	8.886	0.012	8.834	0.014	*	0.053	0.017	T	0.07	0.01	L *	8.8501	0.0015	0.013	104	*	8.82	8.87		C	05548+4521	H 1	2 C A	AB	43	0.428	0.038	3.17	0.14	
27946	8.512	0.008	8.341	0.010		0.164	0.012	T	0.18	0.01	L	8.3870	0.0015	0.014	144		8.36	8.42		C			1						S
27947	5.629	0.003	5.320	0.002		0.295	0.004	T	0.34	0.01	L	5.3643	0.0006	0.005	114		5.35	5.37					1						S
27948	11.094	0.052	10.184	0.037		0.807	0.047	T	0.83	0.03	L	10.2611	0.0027	0.023	108		10.22	10.30		C			1						G
27949	5.034	0.003	4.973	0.003		0.052	0.004	G	0.09	0.03	C	4.9918	0.0006	0.004	91		4.98	5.00		C			1						S
27950	8.980	0.012	8.309	0.011		0.611	0.012	T	0.68	0.01	L	8.3815	0.0016	0.014	120		8.36	8.40		C			1						
27951	10.340	0.027	8.877	0.014		1.233	0.024	T	1.19	0.02	L	8.8994	0.0017	0.017	144		8.87	8.93		C			1						
27952	8.750	0.012	8.323	0.012		0.417	0.014	T	0.48	0.01	L	8.3752	0.0015	0.015	104		8.35	8.40					1						S
27953	9.796	0.019	9.452	0.020		0.333	0.031	T	0.39	0.04	L	9.5321	0.0030	0.024	105		9.50	9.57					1						
27954	8.933	0.017	7.460	0.010		1.241	0.015	T	1.20	0.01	L	7.4872	0.0015	0.010	57		7.47	7.51		C			1						S
27955	7.528	0.006	5.739	0.003		1.515	0.000	G	1.64	0.15	K	5.6606	0.0015	0.012	117		5.64	5.68		U 2			1						S
27956	8.819	0.011	7.336	0.006		1.249	0.010	T	1.21	0.01	L	7.3639	0.0010	0.011	132		7.35	7.38		C			1						S
27957	9.168	0.014	8.457	0.012		0.641	0.014	T	0.71	0.01	L	8.5178	0.0010	0.010	111		8.50	8.54					1						
27958	10.241	0.025	8.413	0.011		1.521	0.022	T	1.56	0.03	L	8.3595	0.0014	0.014	121		8.34	8.38		C			1						
27959	7.352	0.007	7.274	0.007		0.077	0.009	T	0.09	0.01	L	7.3049	0.0011	0.009	72		7.29	7.32		C			1 G						S
27960	9.480	0.023	9.228	0.026		0.236	0.035	T	0.26	0.04	L	9.2956	0.0027	0.020	64		9.26	9.33		C			1						
27961	7.956	0.006	6.758	0.006		1.025	0.007	T	1.00	0.01	L	6.7955	0.0009	0.006	82		6.78	6.81		C	05549+1413	I 1	1 S						S
27962	6.837	0.005	6.878	0.007	A	0.007	0.011	G	0.03	0.01	H *	6.7828	0.0008	0.006	71	*	6.77	6.79		D	05549+0552	I 1	2 C A	AB	288	4.352	0.008	2.38	0.03	S
27963	8.721	0.016	7.504	0.011		1.040	0.015	T	1.01	0.01	L	7.5644	0.0017	0.009	68		7.54	7.58		C			1 G						S
27964	8.515	0.010	7.227	0.006		1.096	0.009	T	1.06	0.01	L	7.2679	0.0012	0.008	108		7.25	7.28					1						S
27965	5.718	0.003	5.886	0.004		−0.145	0.004	T	−0.14	0.01	L	5.8677	0.0008	0.008	95		5.86	5.88					1						S
27966	7.886	0.008	7.907	0.010		−0.017	0.011	T	0.01	0.01	L	7.9218	0.0012	0.011	118		7.91	7.94		C			1						S
27967	9.574	0.018	8.016	0.010		1.308	0.016	T	1.27	0.02	L	8.0388	0.0014	0.013	143		8.02	8.07		C			1						
27968	9.848	0.025	8.542	0.015		1.110	0.023	T	1.07	0.02	L	8.5867	0.0016	0.013	60		8.57	8.61		C			1						
27969	9.174	0.015	8.587	0.014		0.548	0.018	T	0.62	0.02	L	8.6794	0.0016	0.019	115		8.65	8.71					1						
27970	8.302	0.009	7.798	0.009		0.490	0.015	G	0.56	0.02	H	7.8456	0.0009	0.010	123		7.83	7.87		C			1 G						S
27971	5.219	0.006	5.199	0.005		0.010	0.000	G	0.03	0.00	H	5.2145	0.0029	0.055	117		5.18	5.34	2.93	P 1 A			1						S
27972	9.319	0.017	7.464	0.008		1.560	0.020	G	1.57	0.09	H	7.4135	0.0013	0.009	78		7.40	7.43		C			1						S
27973	6.086	0.004	5.921	0.004		0.144	0.007	G	0.16	0.01	H	5.9493	0.0011	0.006	49		5.94	5.96		C			1						S
27974	10.438	0.029	9.790	0.026	A						T *	9.7381	0.0022	0.023	125	*	9.70	9.77		D	05550−4247	I 1	2 C A	AB	104	1.672	0.023	2.66	0.09	
27975	9.804	0.020	8.778	0.014		0.910	0.015	G	0.91	0.01	H	8.8235	0.0014	0.014	103		8.80	8.84					1						
27976	7.846	0.007	7.817	0.009		0.027	0.010	T	0.04	0.01	L	7.8383	0.0011	0.013	150		7.82	7.86					1						S
27977	9.331	0.016	8.798	0.015		0.508	0.016	T	0.58	0.02	L	8.8739	0.0013	0.011	90		8.85	8.89					1						
27978	8.067	0.009	7.628	0.009		0.428	0.010	T	0.50	0.01	L	7.6753	0.0011	0.010	113		7.66	7.70		C			1						S
27979	8.078	0.008	8.165	0.011		−0.075	0.012	T	−0.05	0.01	L	8.1572	0.0012	0.011	110		8.14	8.19					1						S
27980	8.411	0.011	7.724	0.012		0.629	0.015	G	0.70	0.01	H	7.7665	0.0020	0.012	67		7.75	7.79					1						S
27981						0.503	0.072	G	0.58	0.08	R	12.8617	0.6908	1.352	4		9.51	13.14			05550−0700	I 1	S						G
27982	8.482	0.015	7.945	0.016		0.489	0.015	G	0.56	0.02	H	7.9850	0.0013	0.009	77		7.97	8.00		D			1 S						S
27983	8.826	0.011	7.781	0.008		0.908	0.010	T	0.91	0.01	L	7.8504	0.0013	0.010	107		7.83	7.87		C			1 G						S
27984	11.638	0.086	10.269	0.040		1.159	0.074	T	1.12	0.07	L	10.2728	0.0028	0.035	122		10.22	10.33					1 S						G
27985	10.174	0.035	9.590	0.031		0.545	0.041	T	0.62	0.04	L	9.6064	0.0036	0.026	72		9.57	9.65		C			1						
27986	7.841	0.008	7.387	0.008		0.428	0.010	T	0.50	0.01	L	7.4375	0.0010	0.010	99		7.42	7.46					1						S
27987	7.669	0.008	7.465	0.009		0.191	0.015	G	0.21	0.02	H	7.4994	0.0014	0.014	72		7.49	7.53					1						S
27988	8.563	0.008	8.115	0.008	A	0.456	0.015	G	0.53	0.02	H	8.1944	0.2287	0.015	164	A	8.16	8.22		D	05552+7652	I 2	1 C P C						S
27989	2.849	0.009	0.769	0.019		1.500	0.510	G	2.32	0.02	A	0.4997	0.0234	0.109	57		0.33	0.62		U 2 C	05552+0724	I 1	1 X S						S P
27990	9.085	0.013	8.655	0.013		0.458	0.015	G	0.53	0.02	H	8.7008	0.0015	0.019	112		8.66	8.74					1						
27991	9.181	0.013	7.850	0.008		1.129	0.012	T	1.09	0.01	L	7.8859	0.0010	0.015	117		7.86	7.91					1						S
27992	9.277	0.014	8.694	0.013		0.546	0.014	T	0.62	0.01	L	8.7647	0.0015	0.015	113		8.74	8.79		C			1						
27993	9.608	0.017	8.182	0.010		1.204	0.015	T	1.16	0.01	L	8.2102	0.0016	0.014	131		8.19	8.24					1						
27994	10.868	0.059	10.281	0.054		0.549	0.059	T	0.62	0.06	L	10.3866	0.0043	0.036	74		10.33	10.44		C			1						G
27995	9.735	0.019	8.530	0.012		1.031	0.018	T	1.00	0.01	L	8.5808	0.0015	0.013	114		8.56	8.60					1 S						
27996											T	8.8685	0.3477			B				D	05552+7652	I 2	1 C L C						
27997	9.056	0.020	8.642	0.020		0.451	0.015	G	0.52	0.02	H	8.7019	0.0025	0.013	67		8.68	8.74		C			1						
27998	9.494	0.021	8.049	0.012		1.219	0.019	T	1.18	0.02	L	8.0784	0.0019	0.011	76		8.06	8.10					1						
27999	9.987	0.021	8.522	0.012		1.234	0.019	T	1.19	0.02	L	8.5491	0.0015	0.016	125		8.52	8.58		R			1						
28000	9.710	0.016	8.140	0.009		1.317	0.014	T	1.28	0.02	L	8.1432	0.0013	0.013	141		8.12	8.16		C			1						

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
28001		05 55 24.20	+49 00 19.6	8.37		H	88.850 820 44	+49.005 451 73		0.89	2.97	−1.81	0.94	0.62	1.20	1.14	0.69	+31	+17	−3	+32	+35	−23	+31	−7	+22	+14	0	−0.44
28002		05 55 24.90	−04 49 32.0	7.08		H	88.853 741 51	−04.825 551 88		9.32	−11.61	−29.32	0.99	0.74	1.12	1.13	0.90	−19	+48	−23	−38	+25	−34	+12	−52	+4	−31	0	−0.01
28003		05 55 25.88	+52 20 24.1	9.58		H	88.857 835 30	+52.340 022 00		2.90	−4.52	−2.26	1.24	0.79	1.41	1.39	0.87	+38	+39	+0	+16	+22	−2	+27	−8	+17	+50	2	−1.80
28004		05 55 26.63	+08 24 41.7	10.55		H	88.860 940 20	+08.411 594 32		2.73	13.16	−15.41	1.69	1.30	1.92	2.16	1.65	−4	+20	−18	−25	−7	−10	−1	−53	+31	−3	0	2.54
28005		05 55 27.12	+37 06 19.5	9.52		H	88.863 016 61	+37.105 409 66		6.52	−11.97	−37.17	1.43	1.00	1.65	1.99	1.16	−8	+24	−26	+27	+14	−21	+7	+44	−2	−20	3	−1.02
28006		05 55 27.72	−38 33 08.6	9.29		H	88.865 479 79	−38.552 377 68		5.94	17.40	14.75	0.80	0.87	1.02	0.86	1.04	+0	+22	+2	+1	−3	+13	−7	−11	−15	−4	0	0.24
*28007		05 55 28.44	+81 47 18.0	8.67		H	88.868 481 52	+81.788 335 33		3.45	−1.08	12.02	0.71	0.69	0.90	0.78	0.76	+7	+31	−16	−2	+3	+18	+6	+14	+1	+15	0	−0.40
*28008		05 55 28.13	−28 38 17.7	11.79		G	88.867 204 88	−28.638 261 74		6.53	−13.19	−0.57	3.43	3.85	4.98	3.90	4.34	−1	+13	−8	−24	−4	+1	−4	−1	−3	−3	0	
28009		05 55 29.69	−09 52 06.5	8.91		H	88.873 696 12	−09.868 468 48		1.72	3.32	7.22	1.11	0.82	1.27	1.17	0.85	+35	+18	+5	−39	−46	+4	−45	−27	−25	+17	0	−0.75
28010		05 55 29.89	−37 07 14.2	4.97		G	88.874 543 13	−37.120 609 31		9.93	36.65	−24.08	0.40	0.43	0.51	0.45	0.54	+7	+1	−10	+2	−9	+6	−6	−6	−7	+5	0	−0.85
28011		05 55 30.16	−04 36 59.4	5.87		H	88.875 647 97	−04.616 495 97		10.71	27.05	−20.54	0.79	0.63	0.92	0.92	0.76	−24	+44	−30	−32	+25	−26	+15	−46	+3	−24	0	0.63
28012		05 55 31.21	+43 35 31.9	8.57		H	88.880 061 41	+43.592 186 27		2.31	1.33	−0.14	1.06	0.52	1.16	1.26	0.54	+2	+21	−20	+47	+29	−20	+25	+8	+26	−3	0	−0.48
28013		05 55 31.78	+67 31 22.7	8.17		G	88.882 398 74	+67.522 969 05		9.75	12.74	−52.50	0.45	0.59	0.93	0.58	0.78	−15	+16	−8	+11	+22	−5	+19	−5	−3	−22	0	−3.01
28014		05 55 31.91	−01 03 45.9	9.02		H	88.882 950 07	−01.062 747 53		1.13	−3.35	−14.29	1.27	0.90	1.49	1.39	0.95	−6	+37	−29	−37	+2	−29	−4	−35	+8	−20	0	−2.57
28015		05 55 32.57	+29 38 39.5	9.33		H	88.885 689 45	+29.644 291 89		0.72	1.34	−3.27	1.47	1.02	1.54	2.13	1.55	−16	+32	−10	+18	+2	−6	+6	+19	+15	−19	0	−2.39
28016		05 55 33.59	−69 26 01.0	9.52		H	88.889 946 57	−69.433 598 56		7.34	76.46	−47.25	0.94	0.70	0.93	1.20	1.06	−20	+10	−7	−23	+7	+10	+3	−40	−1	−30	0	−0.76
28017		05 55 34.53	−28 57 13.3	7.79	2	H	88.893 869 65	−28.953 688 35		0.75	−6.87	−2.37	0.55	0.66	0.86	0.63	0.76	−8	+19	−9	−9	+0	+8	+1	+11	−1	−9	0	−0.56
28018		05 55 35.18	−18 57 37.0	7.60		H	88.896 566 18	−18.960 286 75		1.28	6.16	−20.48	0.72	0.70	0.98	0.83	0.79	−33	+29	−20	+26	−60	+19	−57	+25	−9	−21	0	−0.87
28019	H	05 55 35.38	−04 47 18.7	6.28		G	88.897 403 47	−04.788 515 44	A	10.17	−13.93	−29.49	1.60	1.29	1.23	1.19	0.96	−17	+36	−17	−42	+15	−34	+5	−50	+2	−15	1	−0.08
28020		05 55 36.08	+28 01 55.7	9.74		H	88.900 317 84	+28.032 127 85		5.75	16.59	−29.46	1.41	0.87	1.61	1.58	0.94	−6	+36	−29	+1	−23	+12	+2	−52	+32	+28	0	−0.97
28021		05 55 36.58	−29 55 01.1	7.91		H	88.902 416 60	−29.916 976 30		13.42	4.85	57.79	0.54	0.60	0.78	0.65	0.66	−7	+4	+5	−15	−5	+6	−2	+0	−4	−21	1	0.30
28022		05 55 36.65	+30 42 41.0	8.39		H	88.902 688 18	+30.711 389 52		1.44	1.75	−3.54	1.48	0.98	1.70	1.49	1.09	−20	+61	−47	+24	+12	+9	+18	+16	+5	+44	6	0.82
28023		05 55 37.55	+53 27 35.4	7.40	2	H	88.906 463 24	+53.459 842 46		1.40	11.50	6.19	0.71	0.51	0.87	0.83	0.54	+23	+27	+8	+16	+30	−9	+28	−12	+6	+19	0	3.36
*28024		05 55 38.14	−07 27 57.0	8.57		H	88.908 923 90	−07.465 830 89		−0.28	−1.93	−1.80	0.86	0.74	1.09	0.94	0.84	+21	+20	−16	−18	−23	+2	−26	−28	−2	+8	0	1.32
*28025		05 55 38.12	−29 58 00.8	8.44		H	88.908 814 35	−29.966 893 03		3.37	3.66	1.47	0.65	0.72	0.91	0.81	0.78	+1	+8	+10	−18	−13	−3	−8	+1	−2	−19	1	0.49
28026		05 55 38.26	−68 02 49.1	7.59		H	88.909 409 67	−68.046 984 30		4.24	8.30	78.39	0.61	0.49	0.63	0.70	0.68	−17	+12	−19	−21	+5	−7	+4	−38	+11	−14	1	−0.26
28027		05 55 38.79	+04 44 47.8	8.55		H	88.911 608 04	+04.746 605 19		4.77	−8.50	−5.90	1.17	0.76	1.35	1.28	0.84	−25	+53	−35	−2	+5	−16	+1	−20	−1	+0	3	−0.18
28028		05 55 38.92	+29 57 25.0	9.15		G	88.912 167 89	+29.956 932 81		3.07	−1.14	−3.42	1.42	0.97	1.53	2.07	1.53	−16	+40	−13	+16	−4	−5	+4	+16	+21	−18	0	−0.62
28029		05 55 39.02	+13 00 06.8	7.69		H	88.912 590 41	+13.001 895 24		7.33	31.08	−4.92	1.12	0.73	1.28	1.47	0.82	+6	+22	−27	−31	−16	+26	−4	−56	+22	+16	0	0.40
28030	H	05 55 39.15	+77 55 27.0	8.29		H	88.913 140 89	+77.924 160 96	A	3.72	−1.05	−7.50	0.83	0.89	1.04	0.74	0.91	−3	+37	−8	−15	+1	−9	−2	+12	+0	+5	0	0.22
28031		05 55 39.24	−29 08 15.1	8.05		H	88.913 481 47	−29.137 514 59		9.95	2.27	−37.54	0.51	0.62	0.80	0.59	0.73	−5	+16	−7	−9	+3	+3	+2	+6	−13	−10	0	−0.07
28032		05 55 39.30	+26 28 44.0	8.86		H	88.913 752 31	+26.478 893 14		1.08	−2.41	−5.22	1.28	0.67	1.37	1.52	0.73	−11	+40	−6	+15	−4	−2	−1	−45	+19	−21	6	−0.64
28033		05 55 40.26	+27 42 56.4	7.03		H	88.917 761 51	+27.715 655 60		−0.24	−0.41	−2.75	0.83	0.51	0.93	0.98	0.56	−4	+31	−25	+7	−21	+13	+1	−45	+25	+29	0	−0.60
28034		05 55 41.23	+52 58 40.3	7.99	1	H	88.921 810 26	+52.977 858 48		1.49	18.00	−44.54	0.90	0.61	1.02	1.06	0.66	+33	+25	−3	+31	+35	−11	+34	−2	+4	+38	4	2.85
28035		05 55 43.01	−26 51 23.3	10.70		H	88.929 198 85	−26.856 481 22		68.58	314.74	−10.22	1.13	1.33	1.94	1.51	1.57	−4	−6	+11	−6	−8	+11	−7	+7	+6	−20	1	1.91
28036		05 55 43.15	−38 06 16.3	7.46		H	88.929 775 70	−38.104 541 64		18.45	20.61	9.90	0.50	0.53	0.64	0.59	0.66	+5	+19	−10	+10	−1	+18	−1	−6	−8	+7	0	0.69
28037		05 55 43.53	−48 56 34.1	8.62		H	88.931 362 63	−48.942 815 29		2.60	−21.26	44.56	0.76	0.78	0.87	0.88	0.96	−17	+35	−27	+10	+0	−4	−9	+24	−20	+2	0	0.67
28038		05 55 46.18	−16 48 53.1	9.16		H	88.942 412 95	−16.814 755 59		2.02	−5.87	11.62	1.02	0.95	1.33	1.19	0.98	−25	+26	−24	+36	−40	+7	−36	+25	−11	−9	0	0.15
28039		05 55 47.23	−07 38 10.1	8.46	2	H	88.946 808 16	−07.636 129 57		3.90	20.61	−25.93	0.86	0.76	1.12	0.88	0.80	+28	+10	−26	−27	−32	+8	−34	−32	−3	+1	0	1.08
28040		05 55 48.33	−44 18 39.5	8.59		H	88.951 363 34	−44.310 966 01		7.08	22.48	−104.25	0.71	0.66	0.77	0.71	0.71	+9	+1	−20	−24	−7	+10	−5	+1	+2	+7	0	−0.75
28041		05 55 49.18	+20 10 30.7	10.62	3	H	88.954 905 86	+20.175 205 82		1.52	−13.61	−6.20	1.39	1.02	1.65	1.96	1.13	+16	+23	−8	−13	−25	+43	−23	−68	+0	+15	4	0.25
28042		05 55 49.69	−56 31 40.2	8.48		H	88.957 023 06	−56.527 839 24		10.90	−30.64	−73.38	0.68	0.68	0.72	0.74	0.80	−4	−6	+13	+6	−10	+4	−11	+9	−8	−6	1	−0.42
28043	H	05 55 50.25	+36 56 12.1	7.27		H	88.959 364 74	+36.936 705 77	A	6.42	−14.17	−36.64	5.27	1.52	1.13	1.50	0.89	+40	+8	−12	+18	+9	−16	+3	+20	+5	+5	2	−0.23
28044		05 55 50.42	−00 53 09.8	8.26		H	88.960 067 39	−00.886 063 19		9.65	−5.10	−164.33	1.03	0.74	1.19	1.14	0.82	−15	+34	−18	−27	+10	−22	+1	−39	−2	−26	2	−0.72
28045		05 55 50.93	+13 41 42.0	9.95	3	H	88.962 210 83	+13.694 999 01		−1.13	1.49	−4.40	1.61	0.97	1.74	1.75	1.07	+4	+29	+4	−24	+3	+13	+2	−46	−8	+16	0	−0.41
28046		05 55 51.96	+19 23 45.8	8.80		H	88.966 514 31	+19.396 060 42		1.49	3.22	−1.33	1.14	0.66	1.24	1.20	0.71	+3	+43	−6	−10	−14	−3	−11	−46	−3	+14	0	−0.14
28047		05 55 52.86	−21 41 21.1	6.77		H	88.970 266 24	−21.689 186 40		11.03	12.89	−101.29	0.52	0.51	0.72	0.63	0.65	+1	+16	−14	−16	−28	−9	−30	+15	−3	+0	1	0.16
28048		05 55 53.49	+34 21 26.0	9.54		H	88.972 888 79	+34.357 232 09		3.03	6.62	−23.46	1.30	0.93	1.42	1.65	1.16	−8	+31	−22	+6	+6	+6	+16	−20	+17	+23	0	0.65
28049		05 55 53.92	+47 18 41.8	9.40		H	88.974 677 58	+47.311 604 34		2.33	−2.44	−2.73	1.14	0.67	1.33	1.43	0.71	+18	+23	+2	+33	+32	−1	+28	−23	+23	+12	0	−0.93
28050		05 55 54.47	−19 09 37.1	8.91		H	88.976 974 16	−19.160 318 53		1.20	9.89	−16.73	0.82	0.82	1.25	0.95	0.83	−28	+37	−35	+21	−46	+25	−36	+17	−2	−9	0	1.38
28051		05 55 54.68	−56 33 18.4	7.59		H	88.977 839 47	−56.555 123 06		4.48	−23.07	27.35	0.56	0.57	0.60	0.65	0.70	−5	−7	+2	+3	−14	+2	−13	+11	−13	−9	1	1.15
28052		05 55 55.14	−59 11 56.5	8.16		H	88.979 761 96	−59.199 024 51		5.31	−3.81	9.32	0.62	0.61	0.63	0.71	0.67	−12	+14	+8	+14	−22	+7	−24	+4	−10	−36	0	0.73
28053		05 55 55.76	+86 04 52.6	10.93		H	88.982 333 59	+86.081 283 20		5.42	38.98	−174.00	1.23	1.36	1.56	1.31	1.71	+13	+17	−5	−3	+10	+9	+8	+21	−5	+24	1	0.88
*28054		05 55 56.62	+41 19 24.2	6.64	1	G	88.985 916 41	+41.323 378 09		8.52	−25.04	−24.64	0.73	0.46	0.83	0.82	0.46	+0	+33	−6	+21	+31	+17	+28	+16	+1	+12	0	1.68
*28055		05 55 56.62	−45 56 45.7	9.02		G	88.985 902 04	−45.946 013 96		2.33	−16.88	23.22	0.81	0.73	0.88	0.91	0.85	−12	+13	−2	+4	−1	+26	−2	+11	−11	−12	0	−0.12
28056		05 55 57.32	+00 50 10.1	7.17		H	88.988 837 78	+00.836 145 53		5.81	−2.13	1.52	0.92	0.61	0.98	0.85	0.65	+19	+46	−3	−15	+5	−5	+5	−32	+1	+19	8	−0.55
28057		05 55 57.52	−02 47 59.7	8.82		H	88.989 666 26	−02.799 926 58		2.31	−4.09	1.66	1.19	0.83	1.35	1.33	0.97	−17	+43	−20	−4	−9	−12	−13	−20	−3	−14	0	−0.72
28059	H	05 55 58.76	+39 48 52.0	9.74		G	88.994 841 83	+39.814 440 79	A	3.02	−4.99	−21.91	2.10	1.41	2.25	2.44	1.41	−7	+9	−7	+20	+29	+8	+23	+28	−23	−19	2	−0.02
28060		05 55 58.89	−31 31 55.4	6.73		G	88.995 373 14	−31.532 051 63		5.71	−8.55	17.44	0.42	0.48	0.60	0.48	0.56	−7	+20	−11	+21	−14	+12	−15	+19	−12	−9	1	2.18
28061		05 55 59.36	+70 57 50.9	11.00		H	88.997 342 99	+70.964 150 87		14.23	156.96	−95.87	1.92	3.10	4.32	1.99	4.08	+8	+15	+6	+8	+13	+2	+17	+7	+8	+16	1	
28062		05 55 59.53	−45 11 24.1	10.51		G	88.998 052 90	−45.190 037 22		13.84	93.14	208.23	1.16	1.07	1.27	1.23	1.26	−10	+0	+0	−22	+1	+8	−1	+2	−25	−3	1	0.10
28063	H	05 56 00.01	−08 37 19.8	9.50		H	89.000 033 09	−08.622 178 42	*	5.94	5.01	−0.93	2.44	1.86	1.85	1.65	1.42	+1	+0	−11	−27	−22	+23	−15	−35	−14	+9	1	0.34
28064		05 56 00.54	+12 57 46.1	8.17		G	89.002 238 08	+12.962 800 93		1.05	4.03	−4.30	1.09	0.68	1.22	1.35	0.78	−2	+34	−17	−25	−4	+16	+4	−50	+15	+6	0	−0.40
28065		05 56 01.15	+35 10 09.3	8.39		H	89.004 810 60	+35.169 247 95		3.43	−19.19	−44.87	1.06	0.76	1.15	1.40	0.98	−11	+33	−21	+1	+6	−1	+15	−19	+15	+25	6	2.05
*28066		05 56 03.21	+13 55 33.9	6.60		G	89.013 369 58	+13.926 088 04		35.72	373.03	−483.84	0.89	0.54	1.00	0.96	0.60	−3	+36	−13	−23	+1	+18	+9	−45	+10	+20	2	0.52
*28067		05 56 01.96	+11 31 18.8	7.55		H	89.008 187 23	+11.521 875 36		4.04	−5.68	−10.71	0.87	0.54	0.98	0.97	0.61	+5	+39	−17	+2	−11	+8	+0	−31	+17	+23	2	0.84
*28068		05 56 02.36	−80 06 38.2	9.02		H	89.009 815 74	−80.110 609 01		2.90	−5.83	16.18	0.68	0.72	0.73	0.78	0.97	−18	+10	−1	−18	+12	−5	+14	−11	−8	−30	1	1.37
*28069		05 56 02.40	−02 11 27.8	9.08		H	89.010 018 17	−02.191 048 19		5.91	−7.28	5.49	1.22	0.84	1.45	1.37	0.98	−4	+41	−18	−8	−11	−19	−13	−16	+4	−10	0	0.64
28070		05 56 05.30	−76 05 19.6	8.94		G	89.022 078 35	−76.088 780 06		14.32	47.22	189.39	0.76	0.80	0.82	0.79	0.95	−14	+22	+4	−11	−2	+17	−9	−25	−19	−28	0	−0.38
28071		05 56 05.62	+58 03 57.0	8.27		H	89.023 427 38	+58.065 844 35		6.79	−1.94	14.44	0.73	0.52	0.86	0.82	0.55	+9	+31	−5	+3	+18	−4	+19	−6	+14	+8	0	−0.04
28072	H	05 56 05.70	+29 01 09.8	9.41		G	89.023 732 29	+29.019 385 63	A	2.63	6.12	−23.52	2.34	1.58	1.84	2.35	1.19	−34	+18	−20	+43	−10	−6	+5	−33	+33	−22	0	0.02
28073		05 56 06.12	−13 08 07.2	8.06		H	89.025 513 50	−13.135 335 31		3.99	−6.68	5.00	0.58	0.51	1.06	0.78	0.63	−1	+21	−5	−1	−30	−18	−36	+21	−42	+33	1	2.61
28074		05 56 06.93	−34 15 18.6	8.68	1	H	89.028 878 45	−34.255 159 67		2.56	14.00	3.13	0.66	0.75	0.92	0.69	0.81	+0	+5	−5	−13	−7	+15	−6	+14	+2	−3	0	1.23
28075		05 56 07.10	−26 49 21.4	9.38		H	89.029 571 02	−26.822 611 17		8.19	94.75	−20.55	0.84	1.00	1.45	1.19	1.18	−10	−11	−4	−4	−1	+12	−1	−13	−2	−21	2	−2.17
*28076		05 56 07.26	−03 48 21.9	8.06		H	89.030 270 66	−03.806 093 55		3.23	−3.67	−3.71	0.95	0.71	1.10	1.17	0.84	+0	+25	−27	−28	−2	−9	−8	−34	−5	−7	0	1.57
*28077	H	05 56 07.25	−61 26 50.5	8.06		G	89.030 224 93	−61.447 355 01	A	6.35	12.80	51.20	0.86	0.79	0.75	0.95	0.80	−21	+7	+8	+4	−9	−4	−7	+5	−5	−8	0	−0.46
28078		05 56 07.88	+63 16 54.6	7.73		H	89.032 852 86	+63.281 823 71		8.16	5.75	−40.73	0.57	0.51	0.87	0.70	0.58	−10	+25	−3	−6	−7	−27	+0	−21	+24	−12	0	1.12
28079		05 56 09.21	+17 59 28.6	8.29		H	89.038 375 15	+17.991 285 12		−1.57	−3.75	−11.07	1.11	0.70	1.25	1.36	0.77	+0	+21	−25	−1	−26	+3	−17	−46	+26	+6	0	1.06
28080		05 56 09.55	−15 31 20.1	7.78		H	89.039 785 48	−15.522 253 06		5.59	1.65	12.17	0.71	0.67	0.98	0.80	0.77	+9	+15	−11	+0	−39	+2	−39	−3	+0	+16	0	−0.50
28081		05 56 10.65	−21 07 21.5	6.89		H	89.044 362 69	−21.122 628 54		9.96	13.24	32.22	0.47	0.49	0.74	0.66	0.58	+11	+17	−9	−31	−34	−11	−27	+3	−2	−2	0	−0.76
28082		05 56 11.92	−16 43 29.5	8.53		H	89.049 677 31	−16.724 863 68		4.64	−9.51	7.49	0.74	0.69	0.98	0.88	0.76	−6	+14	−12	+27	−32	−2	−30	+15	−11	+7	0	0.96
28083		05 56 12.05	−22 16 02.4	8.24		H	89.050 196 92	−22.267 345 53		15.97	116.08	12.47	0.57	0.72	0.97	0.70	0.89	−18	+17	−13	+15	−17	+7	−19	+23	−6	−15	0	0.95
28084	H	05 56 12.88	+25 19 47.6	7.76		H	89.053 685 39	+25.329 901 86	A	1.67	−6.72	−5.08	1.43	1.07	1.50	1.57	0.88	−17	+16	−38	−1	−19	+21	+3	−56	+30	+12	1	−0.90
28085		05 56 14.20	−22 50 24.2	5.95		H	89.059 151 11	−22.840 055 15		11.18	117.77	32.79	0.37	0.44	0.63	0.45	0.54	−13	+17	−16	+32	−7	+0	−9	+9	−7	−16	0	0.06
28086		05 56 14.46	+51 48 14.4	6.62		H	89.060 250 63	+51.804 006 53		3.75	−5.96	−8.14	0.72	0.50	0.83	0.76	0.52	+38	+36	+4	+23	+23	+1	+24	−12	+10	+41	0	−0.99
28087		05 56 14.47	+03 52 01.1	9.02		G	89.060 298 31	+03.866 963 81		2.86	−22.64	−19.69	1.14	0.80	1.32	1.15	0.87	−18	+49	−25	+1	+0	−9	+5	−22	+9	+3	0	−0.60
28088		05 56 14.66	+41 43 01.8	9.51		H	89.061 096 82	+41.717 175 84		2.66	3.67	−26.04	1.39	0.77	1.50	1.46	0.73	−14	+43	−7	+20	+39	+9	+33	+3	+3	+0	0	0.75
28089		05 56 15.95	−09 54 19.4	9.45		H	89.066 465 46	−09.905 379 05		1.96	−5.22	−1.07	1.15	1.09	1.52	1.51	1.34	+12	+0	−5	−29	−13	+18	−11	−28	−18	−17	0	0.42
28090		05 56 16.19	+18 04 27.2	8.31		H	89.067 476 21	+18.074 221 85		4.37	15.66	−4.77	1.04	0.65	1.14	1.16	0.70	+9	+32	−7	−7	−16	+4	−11	−45	+9	+13	0	0.46
28091		05 56 16.62	−54 10 00.3	8.43		H	89.069 237 66	−54.166 758 83		3.56	−4.81	−4.49	0.69	0.62	0.71	0.76	0.82	−2	−6	−1	+20	−7	+16	−7	+15	−16	−4	1	0.94
28092		05 56 17.47	−17 14 23.6	7.91		G	89.072 810 99	−17.239 881 85		2.71	−19.13	2.86	0.69	0.68	1.02	0.83	0.75	−13	+23	−26	+27	−39	+21	−32	+19	+4	+8	0	−0.43
28093		05 56 18.14	+63 54 08.8	9.06		H	89.075 595 06	+63.902 434 01		2.39	−2.58	0.83	0.69	0.68	1.04	0.84	0.76	−7	+26	−2	−11	−5	−23	−1	−15	+13	−6	0	0.80
28094		05 56 18.28	−24 05 20.0	7.72	2	H	89.076 173 51	−24.088 888 70		1.02	3.06	2.12	0.37	0.52	0.75	0.47	0.61	−11	+8	−12	+3	−8	+3	−7	+7	+0	−15	2	−0.10
28095		05 56 19.42	+74 32 45.3	10.07		H	89.080 930 59	+74.545 911 45		4.80	2.30	−50.76	0.71	1.08	1.25	0.80	1.47	−6	+14	+1	+17	+0	+9	+1	+5	+5	−6	0	0.16
28096		05 56 20.44	+53 33 15.3	7.74		G	89.085 147 23	+53.554 254 40		6.85	8.76	15.66	0.77	0.52	0.91	0.91	0.56	+25	+21	+5	+33	+31	−17	+30	+12	+2	+22	0	1.94
28097		05 56 20.67	−39 09 20.3	7.58		H	89.086 121 11	−39.155 632 15		4.66	10.54	7.08	0.50	0.61	0.67	0.55	0.70	−6	+10	−6	+7	+1	+23	+3	−10	+8	−5	0	−1.86
28098		05 56 20.94	−31 22 56.8	5.52		H	89.087 261 77	−31.382 454 87		2.23	1.39	5.94	0.39	0.43	0.56	0.46	0.51	−6	+12	−12	+8	−9	+21	−8	+13	−8	−11	1	−0.13
28099		05 56 22.32	−40 32 44.8	8.12		G	89.093 018 51	−40.545 791 58		8.88	−7.05	55.63	0.57	0.63	0.70	0.60	0.69	+2	+13	+2	−1	+1	+7	+0	−9	−6	−3	0	−1.19
28100		05 56 23.22	+47 42 58.8	7.77		H	89.096 740 61	+47.716 335 37		3.03	−5.43	−9.23	0.80	0.47	0.95	0.96	0.53	+15	+29	+2	+30	+25	−5	+28	−14	+26	+11	0	0.60

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
28001	10.218	0.024	8.485	0.011		1.446	0.021	T	1.44	0.03	L	8.5017	0.0021	0.023	143		8.47	8.54					1							
28002	7.231	0.006	7.090	0.008		0.136	0.009	T	0.15	0.01	L	7.1256	0.0017	0.012	57		7.10	7.14					1							S
28003	9.674	0.017	9.585	0.022		0.080	0.015	G	0.09	0.02	H	9.6153	0.0014	0.017	111		9.58	9.64					1							G
28004						1.130	0.218	G	1.09	0.23	R	10.7209	0.0050	0.029	78		10.68	10.78					1	S						G
28005	10.065	0.034	9.569	0.033		0.466	0.043	T	0.54	0.05	L	9.6252	0.0023	0.023	75		9.59	9.66					1							G
28006	10.293	0.030	9.376	0.022		0.798	0.029	T	0.83	0.02	L	9.4340	0.0025	0.020	119		9.40	9.47					1							
28007	8.896	0.010	8.701	0.012		0.187	0.015	T	0.21	0.02	L	8.7334	0.0017	0.017	121		8.71	8.76		C			1							
28008						0.730	0.020	G	0.78	0.02	H	11.9719	0.0066	0.067	142		11.85	12.05					1	X						D
28009	9.154	0.017	8.910	0.019		0.233	0.024	T	0.26	0.03	L	8.9793	0.0023	0.014	84		8.96	9.01		C			1							
28010	6.376	0.003	5.086	0.002		1.102	0.006	G	1.03	0.04	E	5.1402	0.0005	0.005	142		5.13	5.15		C			1	G						S
28011	7.371	0.008	5.998	0.005		1.173	0.006	G	1.05	0.04	E	6.0352	0.0006	0.006	61		6.03	6.04		C			1							S
28012	8.622	0.012	8.580	0.015		0.043	0.018	T	0.06	0.01	L	8.5949	0.0012	0.014	115		8.56	8.62					1							
28013	8.515	0.007	8.203	0.007		0.315	0.015	G	0.36	0.02	H	8.2469	0.0011	0.014	208		8.22	8.27					1							S
28014	9.230	0.021	9.008	0.024		0.206	0.032	T	0.23	0.04	L	9.0824	0.0030	0.020	73		9.05	9.11		C			1							
28015	10.217	0.036	9.445	0.029		0.703	0.036	T	0.76	0.03	L	9.4779	0.0037	0.018	55		9.44	9.51					1							G
28016	10.357	0.035	9.635	0.030		0.663	0.037	T	0.72	0.03	L	9.6523	0.0018	0.019	99		9.61	9.69		C			1							
28017	9.881	0.019	8.021	0.008		1.579	0.017	T	2.51	0.04	O	7.8005	0.0054	0.050	159		7.71	7.87		U 2			1	S						S
28018	9.052	0.011	7.724	0.007		1.127	0.010	T	1.09	0.01	L	7.7669	0.0015	0.014	159		7.74	7.79			05556−1858	I 1	1							S
28019	6.348	0.005	6.282	0.006	*	0.056	0.006	G	0.07	0.01	H *	6.3040	0.0012	0.008	55	*	6.29	6.32		D	05556−0447	H 1	2	C	B	AB	298	0.374	0.080	4.14	0.24	S
28020	10.377	0.048	9.829	0.046		0.513	0.059	T	0.59	0.06	L	9.8516	0.0031	0.018	80		9.82	9.88		C			1							G
28021	8.582	0.009	7.969	0.008		0.569	0.009	T	0.64	0.01	L	8.0380	0.0012	0.013	146		8.01	8.06					1							S
28022	8.480	0.016	8.405	0.020		0.110	0.015	G	0.12	0.01	H	8.4358	0.0045	0.021	39		8.41	8.47					1							
28023	9.727	0.025	7.625	0.010		1.778	0.022	T	2.50	0.05	O	7.4254	0.0060	0.038	103		7.38	7.50		U 2	05556+5327	I 1	1							P
28024	8.697	0.012	8.576	0.014		0.117	0.017	T	0.13	0.02	L	8.6166	0.0014	0.019	98		8.59	8.64					1							
28025	9.564	0.015	8.544	0.011		0.889	0.014	T	0.89	0.01	L	8.5963	0.0015	0.015	138		8.57	8.62		C			1							
28026	9.114	0.017	7.721	0.010		1.178	0.015	T	1.14	0.01	L	7.7528	0.0012	0.011	102		7.74	7.77		C			1							S
28027	8.549	0.015	8.556	0.019		−0.002	0.022	T	0.02	0.02	L	8.5569	0.0020	0.015	68		8.52	8.59		C			1							
28028	9.222	0.021	9.131	0.027		0.165	0.015	G	0.18	0.01	H	9.1907	0.0023	0.015	54		9.17	9.22		C			1							
28029	8.985	0.018	7.812	0.012		1.006	0.017	T	0.98	0.01	L	7.8573	0.0017	0.010	65		7.84	7.87		C			1							S
28030	9.719	0.017	8.425	0.010	*	1.100	0.016	T	1.06	0.02	L *	8.4593	0.0018	0.018	144	*	8.43	8.49			05557+7755	H 1	2	C	A	AB	56	0.688	0.025	3.57	0.10	
28031	8.543	0.008	8.090	0.008		0.430	0.015	G	0.50	0.02	H	8.1465	0.0014	0.015	172		8.12	8.17					1							S
28032	10.130	0.027	9.001	0.017		0.972	0.025	T	0.96	0.02	L	9.0271	0.0015	0.015	111		9.00	9.05		C			1							
28033	7.221	0.008	7.077	0.007		0.139	0.010	T	0.15	0.01	L	7.0824	0.0011	0.009	85		7.07	7.10					1							S
28034	9.440	0.019	8.108	0.012		1.130	0.018	T	1.09	0.02	L	8.1556	0.0018	0.013	110		8.14	8.18		M	05557+5259	I 1	1	S						S
28035	12.196	0.139	10.962	0.075		1.054	0.123	T	1.02	0.10	L	10.8762	0.0037	0.042	156		10.81	10.95					1	S						G
28036	8.037	0.008	7.524	0.008		0.492	0.009	T	0.56	0.01	L	7.5708	0.0011	0.010	121		7.55	7.59					1							S
28037	10.188	0.025	8.764	0.013		1.202	0.022	T	1.16	0.02	L	8.7894	0.0017	0.017	115		8.76	8.82					1							
28038	10.447	0.030	9.268	0.019		1.011	0.028	T	0.99	0.02	L	9.3307	0.0021	0.015	105		9.30	9.35		C			1							
28039	8.733	0.011	8.499	0.013		0.223	0.016	T	0.25	0.02	L	8.5296	0.0071	0.069	98		8.47	8.66	0.67	P 1 A			1							
28040	9.103	0.013	8.633	0.012		0.456	0.014	T	0.53	0.01	L	8.6941	0.0015	0.016	110		8.66	8.72					1							S
28041						1.500	0.510	G	5.16	0.96	Q	9.4326	0.1541	0.822	85		6.28	9.71	367.00	P 1 B			1	S						D P
28042	9.139	0.013	8.541	0.012		0.558	0.013	T	0.63	0.01	L	8.5991	0.0015	0.015	123		8.58	8.63		C			1							S
28043	7.573	0.010	7.303	0.008	*	0.257	0.012	T	0.29	0.01	L *	7.3383	0.0011	0.008	65	*	7.33	7.35		D	05558+3656	I 1	2	C	A	AB	79	0.310	0.005	0.69	0.11	S
28044	9.219	0.020	8.363	0.016		0.767	0.019	T	0.81	0.01	L	8.4061	0.0024	0.015	74		8.39	8.43		C			1							
28045	10.039	0.032	10.026	0.047		0.013	0.050	T	0.03	0.05	L	9.9713	0.0052	0.035	75		9.92	10.46	5.20	P 1 A			1							G
28046	10.740	0.052	8.990	0.020		1.459	0.044	T	1.47	0.07	L	8.9301	0.0016	0.012	94		8.90	8.96		C			1							
28047	7.676	0.006	6.863	0.004		0.734	0.006	T	0.78	0.00	L	6.9180	0.0009	0.009	137		6.90	6.93		C	05559−2141	I 1	1							S
28048	10.191	0.042	9.582	0.039		0.567	0.050	T	0.64	0.05	L	9.6629	0.0031	0.017	56		9.63	9.70		C			1							G
28049	9.388	0.015	9.399	0.020		−0.017	0.009	G	0.01	0.01	H	9.4070	0.0024	0.023	140		9.36	9.45					1							
28050	9.103	0.013	8.939	0.015		0.150	0.019	T	0.17	0.02	L	8.9671	0.0022	0.019	143		8.93	9.01					1							
28051	8.812	0.011	7.686	0.008		0.969	0.011	T	0.95	0.01	L	7.7568	0.0012	0.011	122		7.74	7.77		C			1							S
28052	8.590	0.011	8.207	0.012		0.378	0.015	G	0.44	0.02	H	8.2524	0.0012	0.015	107		8.22	8.28					1							S
28053	11.771	0.087	11.078	0.081		0.640	0.098	T	0.70	0.09	L	11.0638	0.0048	0.046	140		10.98	11.11					1							G
28054	6.993	0.006	6.694	0.006		0.297	0.023	G	0.34	0.03	H	6.7220	0.0019	0.017	85		6.70	6.75		U 2			1							S
28055	10.270	0.027	9.149	0.017		0.970	0.004	G	0.95	0.00	H	9.1890	0.0021	0.016	118		9.16	9.22		C			1							
28056	7.300	0.007	7.185	0.008		0.104	0.010	T	0.12	0.01	L	7.2157	0.0014	0.009	56		7.20	7.23		C			1							S
28057	9.060	0.018	8.821	0.020		0.228	0.025	T	0.25	0.03	L	8.8863	0.0028	0.016	64		8.86	8.91		C			1							
28059	10.259	0.036	9.872	0.039	A	0.418	0.072	G	0.48	0.08	R *	9.7953	0.0026	0.016	83	*	9.75	9.83		D	05560+3949	H 1	2	C	A	AB	77	3.909	0.018	2.01	0.06	G
28060	6.670	0.004	6.725	0.005		−0.050	0.003	G	−0.03	0.00	H	6.7205	0.0006	0.008	141		6.71	6.73		C			1							S
28061	11.709	0.076	10.996	0.067		0.500	0.020	G	1.18	0.19	S	11.1607	0.0036	0.052	220		11.07	11.25		R			1	X	S					G
28062	11.683	0.099	10.527	0.054		0.895	0.002	G	0.94	0.00	H	10.6569	0.0028	0.039	115		10.58	10.71					1							G
28063	9.998	0.031	9.545	0.032	*	0.427	0.041	T	0.49	0.04	L *	9.5927	0.0024	0.019	87	*	9.56	9.62		C	05560−0837	H 1	2	C	B	AB	209	0.254	0.039	2.28	0.36	
28064	8.144	0.012	8.154	0.015		0.000	0.015	G	0.02	0.01	H	8.1731	0.0017	0.012	70		8.15	8.19		C			1							
28065	9.882	0.034	8.508	0.019		1.163	0.031	T	1.12	0.03	L	8.5623	0.0015	0.012	43		8.54	8.58		C			1							
28066	7.413	0.012	6.668	0.011		0.650	0.010	G	0.71	0.01	H	6.7484	0.0010	0.006	75		6.74	6.76		C	05560+1357	I 1	1							S
28067	7.459	0.006	7.536	0.010		−0.066	0.011	T	−0.04	0.01	L	7.5364	0.0015	0.007	71		7.53	7.55		C	05560+1131	I 1	1							S
28068	10.214	0.025	9.149	0.017		0.923	0.023	T	0.92	0.02	L	9.1772	0.0027	0.017	104		9.15	9.21		C			1							
28069	9.373	0.018	9.088	0.020		0.271	0.025	T	0.31	0.03	L	9.1576	0.0021	0.022	79		9.11	9.19		C			1							
28070	9.596	0.019	8.961	0.017		0.565	0.004	G	0.64	0.00	H	9.0464	0.0019	0.017	99		9.02	9.08		C			1							
28071	8.473	0.009	8.286	0.010		0.179	0.013	T	0.20	0.01	L	8.3279	0.0017	0.013	113		8.31	8.36		C			1							
28072	9.735	0.028	9.487	0.034	*	0.285	0.015	G	0.32	0.02	H *	9.4854	0.0020	0.020	85	*	9.45	9.51		D	05561+2901	H 1	2	C	A	AB	346	0.537	0.016	2.42	0.06	G
28073	7.991	0.008	8.046	0.010		−0.047	0.011	T	−0.03	0.01	L	8.0501	0.0012	0.011	149		8.03	8.07		C			1							S
28074	10.691	0.037	8.881	0.014		1.537	0.033	T	2.08	0.08	O	8.7537	0.0021	0.024	137		8.72	8.80		U			1							
28075	10.126	0.022	9.440	0.019		0.622	0.022	T	0.69	0.02	L	9.5101	0.0024	0.030	162		9.46	9.56					1							
28076	8.241	0.013	8.079	0.014		0.160	0.015	G	0.18	0.01	H	8.1120	0.0016	0.010	67		8.09	8.14		C			1							S
28077	8.468	0.011	8.086	0.011	A	0.382	0.015	G	0.45	0.02	H *	8.1412	0.0014	0.013	99	*	8.12	8.17			05561−6127	H 1	2	C	D	AB	158	1.190	0.048	3.94	0.21	S D
28078	8.010	0.007	7.753	0.008		0.245	0.010	T	0.27	0.01	L	7.7996	0.0010	0.013	151		7.78	7.82		C			1							S
28079	10.059	0.026	8.436	0.013		1.359	0.023	T	1.33	0.03	L	8.4387	0.0013	0.012	82		8.41	8.46					1							
28080	9.068	0.014	7.891	0.009		1.009	0.013	T	0.98	0.01	L	7.9409	0.0015	0.015	110		7.92	7.97					1							
28081	7.012	0.004	6.906	0.005		0.096	0.006	T	0.11	0.01	L	6.9285	0.0007	0.009	160		6.91	6.94					1							S
28082	8.669	0.010	8.538	0.012		0.119	0.014	T	0.13	0.01	L	8.5771	0.0018	0.016	113		8.55	8.62		C			1							
28083	8.868	0.009	8.307	0.009		0.530	0.009	T	0.60	0.01	L	8.3554	0.0013	0.015	161		8.33	8.38					1	G						
28084	8.240	0.008	7.814	0.010	*	0.402	0.012	T	0.47	0.01	L *	7.8522	0.0015	0.015	127	*	7.83	7.88		D	05562+2520	I 1	2	C	A	AB	29	0.533	0.009	2.47	0.03	S
28085	7.397	0.004	6.080	0.003		1.107	0.005	G	1.09	0.04	E	6.1175	0.0006	0.008	178		6.10	6.13			05562−2250	I 1	1							S
28086	6.819	0.004	6.645	0.004		0.159	0.005	T	0.18	0.01	L	6.6739	0.0010	0.009	123		6.66	6.69					1							S
28087	9.566	0.022	9.056	0.022		0.498	0.015	G	0.57	0.02	H	9.1226	0.0027	0.021	72		9.08	9.15					1							
28088	10.793	0.062	9.626	0.036		1.001	0.056	T	0.98	0.04	L	9.6838	0.0026	0.021	100		9.64	9.72					1	S						G
28089	9.647	0.026	9.473	0.030		0.167	0.037	T	0.18	0.04	L	9.5094	0.0040	0.025	71		9.47	9.55					1							
28090	9.838	0.023	8.469	0.014		1.159	0.021	T	1.12	0.02	L	8.4751	0.0018	0.012	87		8.46	8.50		C			1							
28091	9.696	0.020	8.518	0.013		1.010	0.019	T	0.99	0.01	L	8.5937	0.0014	0.016	111		8.56	8.62		C			1							
28092	8.285	0.011	7.931	0.010		0.327	0.015	G	0.38	0.02	H	7.9862	0.0011	0.013	113		7.97	8.02					1							S
28093	9.148	0.013	9.066	0.016		0.081	0.019	T	0.09	0.02	L	9.0938	0.0018	0.019	144		9.07	9.13		C			1							
28094	9.819	0.013	7.910	0.006		1.619	0.012	T	1.91	0.04	O	7.8079	0.0018	0.029	240		7.75	7.85		U 2			1							S
28095	10.591	0.029	10.096	0.029		0.466	0.037	T	0.54	0.04	L	10.1803	0.0025	0.029	163		10.13	10.23		C			1							G
28096	7.961	0.007	7.751	0.011		0.175	0.015	G	0.19	0.02	H	7.8001	0.0013	0.010	98		7.78	7.82					1							S
28097	8.864	0.011	7.694	0.007		1.004	0.010	T	0.98	0.01	L	7.7495	0.0012	0.010	122		7.73	7.77		C			1							S
28098	5.982	0.003	5.564	0.003		0.382	0.006	G	0.46	0.02	A	5.6132	0.0009	0.007	142		5.60	5.63					1							S
28099	8.654	0.010	8.160	0.010		0.470	0.015	G	0.54	0.02	H	8.2240	0.0011	0.010	117		8.21	8.25		C			1							S
28100	7.818	0.007	7.771	0.009		0.048	0.011	T	0.06	0.01	L	7.7916	0.0013	0.015	137		7.77	7.82					1							S

Number HIP		Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag			Position: epoch J1991.25 α (ICRS) deg	δ deg		Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ	Standard Errors α* mas	δ	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ	Astrometric Correlations (%) δ/α*	π/α*	π/δ	$\mu_{\alpha*}$/α*	$\mu_{\alpha*}$/δ	$\mu_{\alpha*}$/π	μ_δ/α*	μ_δ/δ	μ_δ/π	μ_δ/$\mu_{\alpha*}$	Soln F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
28101		05 56 23.64	+33 17 38.4	10.73		G	89.098 520 43	+33.294 000 20		0.91	0.89	−1.72	2.55	2.01	3.19	3.78	2.71	−38	+45	−59	+2	−1	+20	+28	−32	+31	+26	0	0.76
28102		05 56 23.73	+33 13 08.6	8.15		G	89.098 886 20	+33.219 067 56		10.79	−14.81	5.49	1.16	0.94	1.29	1.99	1.52	+18	+12	−32	+4	−25	+22	−6	−31	+26	+60	0	0.82
28103		05 56 24.32	−14 10 04.9	3.71		G	89.101 326 27	−14.168 038 05		66.47	−42.23	139.02	0.50	0.44	0.74	0.65	0.59	+3	+19	−10	+10	−19	−17	−25	+17	−26	+40	2	0.36
28104		05 56 24.59	−27 51 31.0	12.25		G	89.102 440 32	−27.858 606 80		−2.46	236.31	−155.90	1.81	2.15	2.95	2.25	2.41	+2	+9	+11	−13	−7	+4	−6	+19	−12	−4	2	1.72
28105		05 56 24.72	−60 35 00.7	8.68		H	89.102 992 33	−60.583 521 61		8.07	19.55	98.87	0.66	0.71	0.73	0.80	0.87	−12	+4	−2	−4	+3	−15	+2	+12	−20	−9	0	1.48
28106		05 56 24.99	+36 53 12.5	7.92		H	89.104 117 83	+36.886 797 23		2.67	0.16	−9.62	1.01	0.68	1.11	1.40	0.93	−5	+30	−23	+27	−18	+0	−9	+5	+19	+7	0	−0.42
28107		05 56 25.48	−20 02 14.8	8.49		H	89.106 153 43	−20.037 433 98		7.42	48.83	−99.65	0.78	0.76	1.17	0.86	0.80	−9	+29	−18	+3	−42	+19	−35	−4	+5	−3	0	0.38
28108		05 56 26.02	+54 26 00.7	8.93		H	89.108 420 22	+54.433 519 69		−1.35	1.90	−3.15	1.13	0.70	1.23	1.28	0.73	+24	+41	+14	−7	+31	−5	+30	−12	+17	+11	0	−1.77
28109		05 56 26.60	−01 49 27.2	8.82		H	89.110 822 22	−01.824 209 31		1.87	−2.79	2.95	1.07	0.77	1.34	1.22	0.87	−7	+43	−27	−16	+3	−34	−6	−20	+5	−10	0	−0.27
*28110		05 56 28.04	+09 30 33.9	5.97		H	89.116 814 96	+09.509 419 63		4.68	0.32	−9.91	0.87	0.51	0.97	0.71	0.54	−23	+61	−27	−4	+16	−3	+17	−26	−1	+14	0	0.00
*28111		05 56 28.00	+68 26 17.9	9.50		H	89.116 680 29	+68.438 294 02		1.90	3.30	−7.58	0.99	1.03	1.56	1.33	1.30	−8	+11	−8	+49	+24	−5	+22	+21	−1	−5	1	1.99
28112		05 56 31.95	−33 26 04.3	7.30		G	89.133 128 35	−33.434 539 71		5.36	3.81	14.14	0.47	0.51	0.66	0.51	0.59	−6	+17	−20	+13	−12	+16	−12	+9	−21	−1	0	1.30
28113		05 56 32.86	+39 11 27.3	8.93		H	89.136 921 74	+39.190 906 99		2.58	6.54	−28.70	1.27	0.86	1.46	1.61	0.96	+11	+32	−13	+34	+26	+16	+22	+57	−23	−21	2	−0.31
28114		05 56 32.91	−26 31 26.2	8.58		H	89.137 145 69	−26.523 933 61		4.85	−0.21	−0.55	0.65	0.77	1.09	0.86	0.84	−4	+8	+4	+2	−5	+23	−5	+2	−9	−26	0	0.22
28115	H	05 56 32.96	−70 17 22.4	8.94		H	89.137 348 01	−70.289 559 61	*	2.01	4.27	16.13	3.59	3.68	1.44	1.67	1.67	−50	+17	−9	+2	+7	−4	+16	−22	+10	−33	1	−0.65
28116		05 56 33.41	−73 45 08.7	12.01		G	89.139 201 24	−73.752 406 00		10.75	−53.38	240.13	1.93	2.20	2.27	2.09	2.85	−2	+15	+23	−4	+4	+25	−4	−16	−11	−2	4	−0.99
28117		05 56 33.77	+28 56 32.2	6.35		H	89.140 699 46	+28.942 271 40		0.90	1.19	−2.21	0.80	0.50	0.85	1.13	0.58	−1	+12	+0	+24	−15	−17	−11	−38	+25	−8	0	0.02
28118		05 56 34.43	−23 12 55.4	6.37		H	89.143 458 45	−23.215 383 34		6.53	12.62	30.02	0.32	0.45	0.65	0.40	0.54	−10	+13	−14	+14	−8	−4	−10	+1	−5	−17	0	0.23
28119		05 56 34.47	−10 38 56.0	8.26		H	89.143 608 54	−10.648 881 75		4.93	0.62	0.34	0.85	0.69	1.23	0.87	0.64	+13	−7	−10	−12	−49	+15	−43	+25	−14	+8	0	−0.72
28120		05 56 35.11	−51 39 10.4	8.13		H	89.146 310 63	−51.652 897 92		2.54	−4.33	−5.27	0.61	0.64	0.67	0.74	0.80	−7	+0	−6	−21	+3	−6	+2	−1	−9	−3	1	0.73
28121		05 56 36.77	+10 32 44.0	12.39		H																							
28122		05 56 37.12	+10 33 06.2	9.48		H	89.154 664 17	+10.551 718 76		23.63	−16.57	10.15	3.07	1.94	3.20	3.83	2.24	+14	+48	−8	−36	−11	−21	−13	−63	+4	+5	6	2.48
28123		05 56 38.57	+09 30 25.9	9.27		H	89.160 711 38	+09.507 188 93		1.78	−0.28	−10.43	1.52	0.90	1.58	1.36	0.97	−36	+61	−26	−18	+11	−5	+12	−49	+1	−11	0	−1.24
28124		05 56 40.54	+24 24 58.2	9.59		G	89.168 911 41	+24.416 169 46		−0.72	−2.76	−0.47	1.81	0.78	1.71	2.44	1.72	−3	+62	−0	−38	−25	−35	−26	−49	−22	+53	0	0.77
28125		05 56 42.46	−81 23 14.1	9.95		G	89.176 910 68	−81.387 245 43		16.97	−7.65	342.58	0.93	0.88	0.99	1.11	1.12	+6	+20	−3	−1	+4	−14	+5	+9	−4	−18	0	−1.58
28126		05 56 43.71	+66 45 30.0	9.12		H	89.182 137 12	+66.758 332 50		0.81	−9.35	−10.10	0.73	0.96	1.33	0.86	1.13	+26	+12	−11	−9	−12	−4	−18	−27	−4	+2	0	−1.06
28127		05 56 43.96	−56 07 13.4	8.86		H	89.183 164 62	−56.120 377 96		1.16	4.33	1.99	0.71	0.74	0.78	0.87	0.96	−3	−3	−1	+4	−13	+19	−14	−4	−4	−7	0	0.57
28128		05 56 44.15	−13 09 30.6	7.86		G	89.183 951 93	−13.158 495 52		14.47	28.95	−22.15	0.64	0.57	1.17	0.81	0.81	+3	+29	−2	−14	−35	−14	−46	+18	−48	+25	0	0.37
28129		05 56 44.22	+16 01 01.9	9.24		H	89.184 267 57	+16.017 200 71		2.58	0.50	−6.18	1.35	0.94	1.49	1.42	1.01	+24	+35	−35	−35	−45	+19	−23	−70	+35	+47	0	−0.46
28130		05 56 45.59	−18 17 34.7	8.12		H	89.189 977 31	−18.292 982 04		6.25	0.47	−4.83	0.68	0.67	1.02	0.86	0.79	−32	+18	−14	+15	−50	+15	−50	+24	−6	−10	0	−0.73
28131		05 56 46.64	+38 34 39.3	8.22		H	89.194 345 11	+38.577 582 00		2.57	5.40	−18.27	1.03	0.71	1.10	1.25	0.76	+7	+32	−8	+27	+31	−3	+28	+52	+1	−11	0	1.46
28132		05 56 47.03	−22 17 55.0	9.85		H	89.195 957 50	−22.298 624 64		0.05	−2.93	9.25	0.81	1.04	1.44	1.05	1.30	−20	+3	−18	+24	−14	+0	−14	+28	+6	−24	1	−0.26
28133		05 56 47.95	−11 45 44.1	8.98		H	89.199 810 07	−11.762 241 81		1.88	11.38	−10.34	0.89	0.79	1.18	0.89	0.72	+23	+13	−2	−6	−44	+6	−40	+32	−16	+20	0	0.99
28134		05 56 47.99	−59 25 21.6	9.46	3	H	89.199 966 03	−59.422 659 23		3.62	6.31	44.99	0.79	0.83	0.84	0.88	0.95	−10	+2	+6	−5	−11	−10	−10	+1	−6	−29	0	0.99
28135		05 56 48.25	+10 28 47.2	9.85		H	89.201 052 81	+10.479 765 78		25.08	98.61	−211.10	1.83	1.28	1.92	2.44	1.56	+19	+34	+8	−22	−9	−4	−18	−58	−14	−1	0	0.84
28136		05 56 48.73	−36 21 04.6	8.96		H	89.203 045 27	−36.351 274 75		2.46	−3.49	−2.90	0.66	0.64	0.83	0.75	0.76	−8	+17	−6	+26	−3	+25	−4	+1	−9	−13	0	−1.13
28137		05 56 48.94	−09 18 52.7	8.49		H	89.203 912 00	−09.314 652 21		2.10	−7.27	−6.79	0.93	0.81	1.22	1.09	0.99	+20	+9	−2	−31	−16	+16	−16	−23	−28	−13	2	−0.88
28138		05 56 49.00	−31 58 34.6	6.44		G	89.204 184 12	−31.976 278 15		4.20	3.25	12.68	0.50	0.50	0.66	0.55	0.52	−8	+10	−14	−19	−15	+22	−11	+3	−5	−12	0	0.34
28139		05 56 49.39	+11 31 16.3	5.89		G	89.205 781 19	+11.521 195 72		10.62	105.96	−56.71	0.80	0.51	0.89	0.86	0.58	+14	+45	−11	−5	−12	+11	−5	−42	+10	+26	0	0.70
28140	H	05 56 49.45	−03 04 17.2	8.70		H	89.206 034 44	−03.071 447 40	A	2.99	1.27	−3.82	2.93	2.31	2.59	2.94	2.57	−6	+13	−5	−29	+12	−4	+14	−21	−23	−42	1	0.01
28141		05 56 49.51	+64 09 45.3	8.29		H	89.206 287 03	+64.162 579 20		0.47	2.94	−1.60	0.66	0.61	0.94	0.70	0.64	−2	+30	−1	−10	−4	−15	+0	−23	+12	−3	0	0.33
28142		05 56 50.59	+16 21 18.3	7.22	2	G	89.210 810 24	+16.355 083 05		3.52	−0.53	−3.33	0.95	0.58	1.00	0.92	0.62	+25	+45	−14	−16	−32	+3	−24	−48	+8	+39	2	−1.83
28143		05 56 51.21	+73 11 28.2	8.71		H	89.213 395 62	+73.191 172 61		8.69	−34.70	−55.00	0.58	0.76	1.02	0.65	0.88	+7	+11	+21	+15	+17	+20	+13	−6	−9	+1	0	0.45
28144	H	05 56 51.61	−01 09 52.8	7.85		H	89.215 059 94	−01.164 670 86	A	0.53	2.36	−5.93	1.41	1.02	1.43	1.37	1.00	−32	+21	−18	−29	+12	−14	+9	−37	−6	−36	1	−0.74
28145		05 56 51.71	+35 44 00.1	8.60		H	89.215 452 11	+35.733 371 14		17.52	83.77	−1.07	1.12	0.76	1.24	1.64	1.10	−6	+36	+0	−2	+3	−4	+6	−6	+12	−22	5	2.19
28146		05 56 53.53	−66 18 38.0	8.26		H	89.223 027 90	−66.310 542 71		3.61	18.20	2.36	0.60	0.51	0.65	0.43	0.61	−15	+15	−13	−71	+10	−10	+11	−52	+13	+3	2	1.43
*28147		05 56 54.17	+32 02 12.0	9.69		H	89.225 715 54	+32.036 679 93		4.17	9.93	−12.27	1.70	1.01	1.80	2.09	1.15	−17	+42	−36	+32	+3	+16	+28	−20	+15	+36	0	−0.54
*28148		05 56 54.15	+12 22 20.5	8.96		H	89.225 630 04	+12.372 358 39		4.63	−6.82	−11.47	1.31	0.80	1.56	1.53	0.91	−20	+47	−37	+5	−5	+9	+10	−37	+27	−5	0	0.94
28149		05 56 54.73	−08 23 02.5	6.88		H	89.228 032 48	−08.384 031 53		4.26	−0.26	1.84	0.73	0.60	0.92	0.88	0.68	+37	−5	−27	−33	−37	+30	−31	−28	−1	+16	0	−1.76
*28150		05 56 54.91	−44 00 32.9	6.65		H	89.228 794 36	−44.009 148 24		18.75	62.64	72.32	0.50	0.49	0.56	0.52	0.53	+1	+5	−23	−28	−11	+14	−8	−6	+10	+4	0	−0.54
*28151		05 56 54.84	+35 34 44.4	7.53	2	H	89.228 485 34	+35.578 991 16		2.71	−21.55	−32.54	0.98	0.66	1.11	1.38	0.91	−6	+33	−16	+12	−8	−8	−2	−11	+20	−4	0	0.99
28152		05 56 55.40	+38 17 14.4	7.21		H	89.230 828 94	+38.287 334 73		4.34	23.06	−36.27	0.90	0.56	0.98	1.16	0.63	−1	+37	−13	+27	+23	−14	+19	+40	+8	−23	0	0.47
28153	H	05 56 56.09	−46 55 58.0	10.59		G	89.233 724 83	−46.932 787 14	A	42.17	66.86	488.90	1.74	1.85	1.77	1.97	1.88	−6	+5	−10	+14	−7	+3	−8	+30	−26	−1	2	−0.13
28154		05 56 56.12	+24 14 58.9	6.03	1	H	89.233 822 84	+24.249 695 79		−0.24	1.45	−2.71	0.75	0.38	0.79	0.75	0.40	−4	+51	−3	+18	−2	−3	−2	−31	−1	−3	2	−0.46
28155		05 56 56.52	−08 44 49.2	8.84		H	89.235 480 34	−08.746 997 50		7.51	14.60	−26.95	0.93	0.84	1.41	1.08	0.92	+24	+10	−26	−25	−24	+29	−18	−16	−15	+7	0	−0.79
28156		05 56 58.90	−03 45 20.4	9.35		H	89.245 414 51	−03.755 655 69		1.89	5.88	0.91	1.27	0.93	1.48	1.53	1.10	+2	+19	−9	−28	−2	+3	−2	−14	−18	−22	5	−1.57
28157		05 57 00.23	+30 36 34.8	7.70		H	89.250 947 08	+30.609 669 81		1.27	8.26	−11.47	1.17	0.59	1.25	1.18	0.64	−10	+59	−20	+22	−10	+17	+11	−35	+15	+25	0	−2.04
28158		05 57 00.95	−02 10 00.2	8.35		H	89.253 971 52	−02.166 722 84		5.52	2.70	−3.61	1.00	0.69	1.23	1.05	0.78	−13	+53	−22	−13	+0	−30	−5	−10	+4	−11	0	−1.06
28159		05 57 01.72	+15 44 31.1	8.20		G	89.257 178 73	+15.741 958 86		14.69	89.55	−244.33	1.14	0.66	1.24	1.04	0.72	+11	+57	−17	−25	−21	+0	−7	−54	+16	+31	0	−0.67
28160		05 57 02.44	−13 52 28.2	9.34		G	89.260 170 79	−13.874 513 57		7.26	20.46	−86.33	0.83	0.71	1.45	1.10	0.95	−8	+35	−12	+6	−29	−9	−38	+15	−47	+35	0	0.31
28161		05 57 04.26	+57 19 27.9	8.26		H	89.267 749 21	+57.324 430 10		4.84	−13.63	−8.31	0.87	0.62	0.98	1.01	0.68	+10	+31	−12	+5	+40	−15	+38	+9	+15	+18	0	−0.10
28162		05 57 04.64	+49 01 46.9	6.55	2	H	89.269 315 91	+49.029 705 26		5.59	−5.18	−7.39	0.75	0.51	0.87	0.88	0.55	+33	+25	−8	+26	+52	−17	+45	+0	+15	+14	0	−3.15
28163		05 57 04.82	−19 13 10.6	8.98		H	89.270 075 06	−19.219 604 27		4.31	−13.75	−9.18	0.94	0.83	1.28	1.06	0.84	−31	+41	−21	+25	−59	+23	−51	+26	−9	−24	0	0.92
28164		05 57 05.56	+27 19 00.1	7.24		G	89.273 153 79	+27.316 686 48		−0.83	−1.07	−12.37	0.96	0.52	1.04	0.99	0.52	−15	+46	−14	+5	−14	+4	+6	−54	+20	+7	0	−0.68
28165	H	05 57 06.62	−41 45 23.5	7.82		H	89.277 600 24	−41.756 513 89	A	3.54	−1.31	−12.11	1.36	1.39	1.29	1.05	1.26	+3	+6	−2	−11	−12	−4	−16	+17	−25	−7	0	1.12
28166		05 57 07.39	+22 50 20.3	8.00	3	H	89.280 811 57	+22.838 974 52	*	4.09	−13.58	−14.55	1.58	0.95	1.33	1.42	0.85	−9	+19	−19	−7	−43	+27	−12	−66	+21	+41	0	0.27
28167	H	05 57 07.59	+17 00 38.8	8.97		H	89.281 620 75	+17.010 781 87	A	2.69	−4.19	−6.77	4.21	3.65	2.69	2.48	1.37	+12	+46	−24	+4	−22	+4	−13	−35	+26	+0	1	−0.29
28168		05 57 07.69	+55 56 51.2	6.95		H	89.282 042 06	+55.947 558 03		8.93	31.16	−112.25	0.71	0.55	0.84	0.98	0.58	+15	+15	+3	+3	+28	+22	+21	+1	−2	+38	0	−0.61
28169		05 57 07.94	+20 58 39.1	7.91		H	89.283 101 57	+20.977 517 86		7.70	13.00	−26.89	1.14	0.71	1.20	1.52	0.79	+27	+23	−23	−42	−44	+33	−30	−70	+18	+50	0	−0.66
28170		05 57 08.26	+19 13 00.3	7.86		G	89.284 427 36	+19.216 746 01		4.93	−7.41	−10.37	1.00	0.55	1.09	0.95	0.59	+10	+53	+2	+3	−8	−1	−12	−35	−14	+18	0	1.46
28171	H	05 57 08.58	+10 13 45.7	8.68		G	89.285 745 55	+10.229 369 43	A	6.64	9.21	−1.61	3.43	2.76	2.78	3.24	2.00	−20	+47	−2	−29	+10	−20	+3	−54	+6	−36	1	0.46
28172		05 57 08.65	+33 51 36.4	10.35		H	89.286 021 79	+33.860 113 45		1.56	6.90	−6.61	1.91	1.34	2.10	2.53	1.57	−6	+17	−19	+2	−7	+16	+8	−40	+16	+26	0	0.76
28173		05 57 09.13	−53 25 02.3	7.49		H	89.288 058 64	−53.417 312 24		5.27	−2.91	−28.36	0.58	0.60	0.63	0.67	0.82	+4	+0	−1	−11	+3	−3	+2	+8	+0	+10	2	1.66
28174		05 57 09.80	−06 11 37.9	8.67		H	89.290 844 84	−06.193 873 37		5.93	1.10	−23.06	1.16	0.88	1.27	1.15	0.97	−32	+52	−25	−29	+15	−21	+9	−39	+7	−46	0	0.07
28175		05 57 10.63	+10 13 58.5	9.10		G	89.294 275 23	+10.232 930 41		6.37	−3.62	−6.62	1.99	1.27	2.17	2.48	1.60	−14	+53	+3	−25	+14	−23	+7	−52	+3	−39	3	−0.05
28176		05 57 11.84	+51 07 01.1	9.35		H	89.299 325 06	+51.116 983 55		5.47	13.17	−37.76	1.31	0.82	1.52	1.53	0.86	+37	+24	−8	+39	+32	−11	+31	−7	+13	+37	0	−1.96
28177		05 57 13.65	−28 52 53.4	8.26		H	89.306 860 21	−28.881 503 99		12.71	29.42	−84.65	0.53	0.66	0.80	0.59	0.71	−1	+17	+0	−13	+0	+6	−1	+9	−4	−4	1	0.08
28178		05 57 14.05	−07 17 20.5	10.21		H	89.308 553 01	−07.289 018 72		0.82	1.78	2.01	1.38	1.15	1.65	1.33	1.16	+25	+33	−6	−26	−23	−16	−24	−24	−3	+5	4	0.17
28179		05 57 14.13	−69 28 41.1	7.98		H	89.308 891 79	−69.478 085 48		9.16	44.25	74.12	0.70	0.52	0.69	0.77	0.77	−16	+14	−7	−30	+4	+10	+1	−38	+5	−24	0	0.63
28180		05 57 14.36	−53 25 32.5	6.48		H	89.309 851 67	−53.425 693 40		4.53	9.47	−0.07	0.50	0.53	0.55	0.57	0.71	+6	+4	+0	−8	−3	−4	−6	+11	−7	+14	2	0.45
28181		05 57 16.05	−28 26 22.0	8.94		H	89.316 889 50	−28.439 435 96		10.56	17.92	132.06	0.69	0.77	1.00	0.87	0.82	+3	+13	+4	−10	−11	+16	−7	+11	+0	−12	0	1.39
28182		05 57 16.31	+12 10 46.6	9.81		H	89.317 973 13	+12.179 602 34		13.72	19.44	−137.09	1.74	0.95	1.94	1.82	1.08	−12	+54	−20	+0	−7	+7	+3	−37	+18	−11	0	0.84
28183		05 57 17.16	−41 20 16.3	9.80		H	89.321 519 06	−41.337 861 60		14.13	−89.88	−7.54	0.84	0.88	1.00	0.95	1.05	−3	−6	−16	−7	−4	+1	−4	−5	−4	−15	0	−0.50
28184		05 57 18.94	−27 19 53.3	8.55		H	89.328 908 57	−27.331 459 49		1.08	−7.91	−23.71	0.77	0.85	1.19	0.97	1.04	+15	−7	+0	−22	−13	+4	−10	+5	−16	+6	7	0.65
28185		05 57 19.30	+26 51 12.6	7.73		H	89.330 396 72	+26.853 506 23		−2.96	−1.74	0.59	1.33	0.59	1.62	1.19	0.66	−33	+66	−32	−7	−3	−13	−8	−42	+1	−11	4	−2.21
28186		05 57 24.75	−40 23 52.2	8.16		H	89.353 123 80	−40.397 838 13		7.84	−0.82	63.41	0.59	0.62	0.71	0.63	0.74	−1	+7	−1	+1	−3	+4	−4	−7	+4	−8	0	0.30
28187	H	05 57 25.28	+00 01 39.1	6.90		G	89.355 321 23	+00.027 540 04	A	5.46	−15.52	−8.85	1.81	1.38	1.89	1.90	1.50	−29	+15	+3	−18	−21	−6	−11	+3	−7	−39	2	0.08
28188		05 57 25.82	+21 58 51.8	9.00		H	89.357 577 74	+21.981 051 18		16.57	15.49	−82.18	1.46	0.90	1.47	1.42	0.90	+29	+47	−20	−43	−56	+15	−41	−76	+6	+58	0	−1.20
28189		05 57 26.34	−03 59 22.2	9.39		H	89.359 763 68	−03.989 492 21		3.47	−24.87	5.76	1.37	0.96	1.56	1.56	1.12	−12	+32	−16	−31	+5	−6	+2	−19	−12	−29	0	−1.49
28190		05 57 27.72	+05 00 04.5	7.84		H	89.365 519 35	+05.001 238 68		6.19	−11.69	8.74	0.77	0.60	0.89	0.90	0.72	+5	+34	−19	−8	−7	−14	−6	−32	+3	+21	0	−1.31
28191		05 57 28.34	−27 45 52.6	8.71		H	89.368 102 68	−27.764 609 55		2.11	−8.95	3.52	0.69	0.83	1.09	0.87	0.97	+4	+0	−2	−13	−3	+10	−1	+22	−8	−2	0	−0.07
28192		05 57 28.59	+03 32 16.4	8.70		H	89.369 137 11	+03.537 876 88		2.41	−0.58	−0.35	1.06	0.75	1.23	1.03	0.79	−7	+49	−21	−14	+8	−22	+1	−31	−4	+4	0	1.04
28193		05 57 28.79	−37 50 54.3	9.28		G	89.369 978 86	−37.848 405 26		23.92	−111.65	77.09	0.75	0.83	0.95	0.88	1.01	+3	+9	−2	−3	+0	+3	+0	+19	−8	+1	0	−0.63
28194		05 57 29.41	+35 46 37.5	7.86		H	89.372 561 74	+35.777 087 69		2.94	4.70	−25.93	0.96	0.60	1.08	1.47	0.75	−15	+21	−14	+5	+2	+0	+8	−44	+29	−12	0	2.96
28195	H	05 57 29.48	+23 08 53.9	8.70		H	89.372 825 63	+23.148 307 61	*	7.88	−9.42	−7.63	2.69	1.74	1.53	1.78	0.95	+13	+21	−17	−27	−20	−1	−27	−65	+21	−3	1	−0.09
28196		05 57 30.16	+06 23 28.3	8.28		H	89.375 679 91	+06.391 183 00		2.43	5.30	0.48	1.06	0.79	1.08	1.45	0.99	+19	+19	−24	−31	−33	−1	−27	−48	+23	+16	0	−0.82
28197		05 57 30.27	+39 58 09.4	8.64		H	89.376 126 32	+39.969 286 59		6.49	−10.56	−3.88	1.07	0.55	1.22	1.27	0.51	−8	+12	+18	+20	+49	+13	+37	−19	−4	−21	0	−0.58
28198		05 57 31.13	+33 34 10.4	10.38		H	89.379 703 23	+33.569 554 09		1.52	5.90	−18.98	2.07	1.58	2.41	3.26	1.86	−4	+19	−36	+8	−31	+32	+9	−69	+40	+46	0	−1.08
28199		05 57 32.21	−35 16 59.9	4.36	1	T	89.384 216 13	−35.283 306 88		3.82	−2.65	11.19	0.42	0.44	0.54	0.48	0.50	+2	+19	−8	+10	−9	+19	−9	+16	−9	−2	0	−2.06
28200		05 57 33.25	+09 34 53.0	8.40		H	89.388 538 56	+09.581 402 48		3.97	−7.53	−10.53	1.07	0.70	1.13	1.22	0.81	−20	+42	−14	−24	+15	−6	+14	−49	+4	−15	0	−0.73

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
28101						1.803	0.030	G	1.78	0.03	J	10.6788	0.0058	0.041	45		10.62	10.75					1							G
28102	8.726	0.018	8.182	0.017		0.528	0.015	G	0.60	0.02	H	8.2566	0.0022	0.014	48		8.23	8.29		D			1							
28103	4.108	0.002	3.751	0.002		0.337	0.012	G	0.39	0.02	A	3.7888	0.0003	0.004	136		3.78	3.80					1							S
28104						0.380	0.040	G	0.44	0.04	R	12.3513	0.0083	0.086	130		12.17	12.50					1							G
28105	9.222	0.014	8.726	0.014		0.478	0.015	T	0.55	0.02	L	8.7812	0.0017	0.018	115		8.76	8.81		C			1							
28106	8.039	0.010	7.932	0.012		0.104	0.015	T	0.12	0.02	L	7.9621	0.0021	0.012	65		7.94	7.98		C			1							S
28107	9.176	0.012	8.549	0.011		0.579	0.012	T	0.65	0.01	L	8.6197	0.0019	0.017	130		8.59	8.65		C			1							
28108	11.445	0.086	9.178	0.023		1.500	0.040	G	2.05	0.10	S	9.0096	0.0029	0.024	83		8.96	9.05		R			1							
28109	8.911	0.014	8.845	0.017		0.066	0.020	T	0.08	0.02	L	8.8483	0.0024	0.019	83		8.82	8.87		C			1							
28110	5.920	0.004	5.967	0.005		−0.038	0.006	T	−0.02	0.01	L	5.9701	0.0008	0.007	78		5.96	5.98		C			1							S
28111	10.743	0.034	9.604	0.022		0.979	0.032	T	0.96	0.03	L	9.6626	0.0025	0.027	153		9.62	9.71		C			1							
28112	7.287	0.005	7.295	0.005		−0.007	0.003	G	0.01	0.00	H	7.2996	0.0010	0.009	148		7.29	7.32		C			1 G							S
28113	9.612	0.022	8.959	0.019		0.606	0.025	T	0.68	0.02	L	9.0547	0.0017	0.015	94		9.03	9.08		C			1							
28114	8.942	0.010	8.605	0.010		0.325	0.016	T	0.38	0.02	L	8.6604	0.0019	0.022	178		8.62	8.70			05566−2631	I 1	1	S						S
28115	10.110	0.028	9.049	0.019	*	0.920	0.026	T	0.92	0.02	L *	9.1025	0.0022	0.020	101	*	9.07	9.14		C	05565−7017	H 1	2 C	A	AB	295	0.239	0.048	1.99	0.51	
28116						1.210	0.020	G	1.35	0.04	I	12.1592	0.0060	0.048	96		12.07	12.26					1							D
28117	6.674	0.005	6.385	0.005		0.275	0.007	T	0.31	0.01	L	6.4213	0.0008	0.006	100		6.41	6.43		C			1							S
28118	7.734	0.004	6.483	0.003		1.068	0.002	G	1.04	0.04	E	6.5335	0.0006	0.008	235		6.52	6.55		C			1							S
28119	8.297	0.010	8.259	0.012		0.040	0.014	T	0.06	0.01	L	8.2770	0.0017	0.014	96		8.26	8.30					1							S
28120	10.122	0.026	8.299	0.011		1.517	0.022	T	1.55	0.03	L	8.2502	0.0018	0.014	108		8.23	8.27					1							
28121											T	12.5269	0.1270	0.721	49		10.35	13.06		D	05566+1033	I 2								G
28122	10.006	0.032	9.485	0.031		0.722	0.126	G	0.50	0.07	B	9.5723	0.0044	0.056	56		9.34	9.63		R	05566+1033	I 2	1							G
28123	9.558	0.024	9.259	0.027		0.284	0.034	T	0.32	0.04	L	9.3475	0.0020	0.018	69		9.32	9.39					1							
28124	9.607	0.018	9.638	0.027		0.125	0.015	G	0.14	0.01	H	9.6182	0.0027	0.024	133		9.57	9.65					1 G							G
28125	10.944	0.054	10.007	0.036		0.808	0.003	G	0.85	0.00	H	10.0991	0.0026	0.027	109		10.05	10.14		C			1							
28126	10.437	0.031	9.250	0.018		1.017	0.028	T	0.99	0.02	L	9.2917	0.0021	0.021	140		9.24	9.34					1	S						
28127	11.048	0.053	9.085	0.017		1.664	0.046	T	2.29	0.09	O	8.9168	0.0022	0.020	112		8.89	8.95					1							
28128	8.357	0.009	7.892	0.008		0.448	0.015	G	0.52	0.02	H	7.9505	0.0008	0.009	157		7.93	7.97					1 G							S
28129	9.233	0.018	9.195	0.023		0.040	0.027	T	0.06	0.02	L	9.2572	0.0016	0.011	73		9.23	9.28					1							
28130	8.329	0.007	8.131	0.008		0.189	0.010	T	0.21	0.01	L	8.1810	0.0012	0.014	174		8.16	8.21					1							S
28131	8.295	0.010	8.228	0.012		0.067	0.015	T	0.08	0.02	L	8.2464	0.0017	0.011	82		8.22	8.26		C			1							S
28132	9.594	0.016	9.821	0.025		−0.198	0.025	T	−0.21	0.03	L	9.7779	0.0032	0.031	162		9.72	9.83					1							G
28133	10.205	0.022	9.081	0.014		0.968	0.020	T	0.95	0.02	L	9.1418	0.0016	0.016	139		9.10	9.17					1							
28134	10.884	0.050	9.569	0.025		1.130	0.046	T	4.35	0.09	O	8.7501	0.0260	0.213	96		8.45	9.14		U 2 C			1	S						
28135	11.312	0.092	10.009	0.043		1.103	0.082	T	1.18	0.12	L	9.9796	0.0037	0.024	61		9.95	10.02		C			1							G
28136	9.346	0.015	8.988	0.016		0.348	0.019	T	0.41	0.03	L	9.0429	0.0013	0.015	124		9.01	9.07					1							
28137	9.595	0.020	8.599	0.015		0.871	0.019	T	0.88	0.01	L	8.6516	0.0017	0.017	87		8.62	8.68					1							
28138	7.818	0.007	6.551	0.004		1.070	0.004	G	1.01	0.04	E	6.6104	0.0007	0.007	136		6.60	6.63		C			1							S
28139	7.332	0.007	6.010	0.004		1.111	0.000	G	1.02	0.04	E	6.0632	0.0007	0.004	66		6.05	6.07					1							S
28140	8.947	0.018	8.794	0.021	*	0.147	0.026	T	0.16	0.03	L *	8.7499	0.0020	0.017	67	*	8.72	8.78		D	05568−0304	I 1	2 C	A	AB	135	0.659	0.005	0.71	0.02	
28141	10.526	0.029	8.525	0.010		1.658	0.024	T	1.68	0.03	L	8.3979	0.0018	0.017	148		8.37	8.43					1							
28142	7.070	0.011	7.215	0.015		−0.137	0.005	G	−0.13	0.01	H	7.1755	0.0021	0.039	78		7.16	7.38	6.57	P 1 A			1							S P
28143	9.325	0.011	8.760	0.010		0.551	0.015	G	0.62	0.01	H	8.8254	0.0011	0.023	172		8.79	8.86		D			1							
28144	7.947	0.013	7.902	0.012	*	0.041	0.016	T	0.06	0.01	L *	7.8708	0.0015	0.010	75	*	7.85	7.88		D	05569−0110	I 1	2 C	A	AB	329	0.860	0.009	1.99	0.03	
28145	9.370	0.027	8.714	0.023		0.609	0.030	T	0.68	0.03	L	8.7331	0.0026	0.014	48		8.68	8.75					1							
28146	9.730	0.023	8.381	0.013		1.143	0.021	T	1.11	0.02	L	8.4270	0.0014	0.011	100		8.41	8.45		C			1	S						
28147	11.353	0.111	9.778	0.043		1.321	0.094	T	1.28	0.11	L	9.8491	0.0028	0.022	62		9.82	9.88		C			1							G
28148	9.442	0.020	9.019	0.021		0.400	0.027	T	0.47	0.03	L	9.0488	0.0026	0.014	71		9.02	9.08		C			1							
28149	8.174	0.011	6.988	0.006		1.016	0.010	T	0.99	0.01	L	7.0415	0.0019	0.012	102		7.02	7.06					1							S
28150	7.261	0.006	6.713	0.005		0.521	0.001	G	0.59	0.00	H	6.7634	0.0007	0.008	119		6.75	6.78		C			1							S
28151	9.276	0.024	7.750	0.013		1.303	0.022	T	3.59	0.05	O	7.1896	0.0128	0.110	43		7.04	7.39		U 2			1	S						P
28152	8.993	0.016	7.350	0.008		1.375	0.014	T	1.35	0.02	L	7.3596	0.0012	0.008	73		7.35	7.38		C			1							S
28153	13.086	0.416	10.817	0.079	A	1.404	0.015	G	1.68	0.04	I *	10.6690	0.0033	0.035	119	*	10.60	10.73		D	05569−4656	H 1	2 C	D	AB	341	1.058	0.069	3.16	0.32	G D
28154	6.443	0.004	6.078	0.004		0.346	0.005	T	0.41	0.01	L	6.1182	0.0011	0.015	125		6.08	6.13		U 2			1							S
28155	9.303	0.019	8.864	0.019		0.414	0.025	T	0.48	0.03	L	8.9285	0.0018	0.013	88		8.91	8.97					1							
28156	9.519	0.027	9.373	0.033		0.146	0.003	G	0.16	0.00	H	9.4066	0.0027	0.023	68		9.37	9.44		C			1							
28157	9.857	0.028	7.905	0.012		1.619	0.024	T	1.64	0.03	L	7.8166	0.0013	0.012	84		7.79	7.83		C			1							
28158	8.771	0.015	8.378	0.015		0.375	0.015	G	0.44	0.02	H	8.4387	0.0020	0.020	88		8.40	8.47					1							
28159	8.954	0.014	8.250	0.012		0.654	0.014	G	0.72	0.01	H	8.3241	0.0010	0.009	77		8.31	8.34		C			1							
28160	10.035	0.028	9.408	0.025		0.540	0.020	G	0.61	0.02	H	9.4449	0.0019	0.019	144		9.42	9.48		C			1							
28161	9.443	0.017	8.366	0.012		0.932	0.016	T	0.93	0.01	L	8.4216	0.0018	0.018	92		8.39	8.46		C			1							
28162	7.846	0.009	6.690	0.007		0.993	0.009	T	0.97	0.01	L	6.7156	0.0057	0.051	132		6.67	6.80		U 2 C			1							S P
28163	9.455	0.015	9.002	0.015		0.441	0.017	T	0.51	0.02	L	9.0755	0.0016	0.017	142		9.03	9.11					1							
28164	8.620	0.009	7.364	0.006		1.086	0.003	G	1.05	0.00	H	7.4035	0.0009	0.008	124		7.39	7.42		C			1							S
28165	8.152	0.015	7.734	0.017	*	0.395	0.021	T	0.46	0.02	L *	7.9185	0.0014	0.013	111	*	7.89	7.94		D	05571−4145	I 1	2 C	A	AB	220	1.656	0.004	0.42	0.01	S
28166	10.041	0.028	8.298	0.012		1.482	0.025	T	3.18	0.12	O	7.8551	0.0422	0.370	99		7.06	7.96	134.50	P 1 B			1 V							P
28167	9.668	0.026	9.025	0.023	*	0.597	0.030	T	0.67	0.03	L *	9.1014	0.0019	0.011	67	*	9.08	9.12		D	05571+1701	H 1	2 C	A	AB	209	0.305	0.022	2.27	0.18	
28168	8.493	0.012	7.083	0.006		1.200	0.015	G	1.16	0.01	H	7.1148	0.0011	0.009	79		7.10	7.13		C			1							S
28169	8.212	0.010	7.927	0.010		0.271	0.013	T	0.31	0.02	L	7.9879	0.0017	0.012	90		7.97	8.01					1							S
28170	7.795	0.009	7.858	0.011		−0.070	0.020	G	−0.05	0.02	H	7.8437	0.0014	0.011	88		7.82	7.86		C			1							S
28171	9.162	0.019	8.705	0.018	*	0.491	0.015	G	0.56	0.02	H *	8.7835	0.0019	0.017	64	*	8.75	8.83		D	05572+1014	I 2	2 C	B	AC	152	0.480	0.059	3.29	0.26	
28172	12.263	0.266	10.599	0.089		1.040	0.015	G	1.01	0.01	H	10.5193	0.0047	0.028	61		10.46	10.58		C			1							G
28173	8.849	0.012	7.601	0.008		1.064	0.011	T	1.03	0.01	L	7.6598	0.0010	0.012	104		7.64	7.68			05572−5325	I 2	1							S
28174	9.247	0.018	8.721	0.017		0.494	0.022	T	0.57	0.02	L	8.7767	0.0020	0.012	66		8.75	8.80					1							
28175	9.365	0.022	9.072	0.024		0.341	0.020	G	0.40	0.03	H	9.1762	0.0030	0.024	64		9.11	9.22		D	05572+1014	I 2	1							
28176	9.962	0.024	9.426	0.023		0.503	0.030	T	0.58	0.03	L	9.4579	0.0019	0.018	110		9.43	9.50					1							
28177	8.855	0.009	8.328	0.009		0.503	0.010	T	0.58	0.01	L	8.3744	0.0014	0.016	167		8.35	8.40					1							
28178	10.302	0.037	10.205	0.051		0.095	0.059	T	0.11	0.06	L	10.2460	0.0023	0.020	92		10.21	10.28		C			1							G
28179	8.605	0.011	8.040	0.010		0.519	0.015	G	0.59	0.02	H	8.0978	0.0013	0.010	101		8.08	8.12		C			1							S
28180	8.379	0.011	6.627	0.004		1.480	0.015	G	1.66	0.04	E	6.5898	0.0013	0.010	97		6.57	6.61			05572−5325	I 2	1							S
28181	9.772	0.018	8.997	0.015		0.705	0.018	T	0.76	0.01	L	9.0858	0.0020	0.021	158		9.05	9.12					1							
28182	10.824	0.054	9.932	0.041		0.779	0.052	T	0.82	0.05	L	9.9416	0.0032	0.026	79		9.89	9.98		C			1							G
28183	10.749	0.041	9.920	0.031		0.730	0.039	T	0.78	0.03	L	9.9408	0.0022	0.022	125		9.90	9.97		C			1							
28184	9.722	0.017	8.692	0.012		0.930	0.015	G	0.92	0.01	K	8.7143	0.0019	0.022	152		8.68	8.75			05573−2720	I 1	1	S						
28185	9.588	0.014	7.856	0.007		1.456	0.013	T	1.46	0.02	L	7.8420	0.0010	0.010	126		7.83	7.86		C			1 G							
28186	8.753	0.011	8.220	0.010		0.508	0.011	T	0.58	0.01	L	8.2701	0.0016	0.012	114		8.25	8.29		C			1							S
28187	6.917	0.006	6.922	0.007	A	0.000	0.042	G	0.02	0.01	L *	6.9003	0.0013	0.009	74	*	6.88	6.92		D	05574+0002	I 1	2 C	A	AB	331	1.380	0.060	2.89	0.06	S
28188	9.566	0.022	9.066	0.022		0.470	0.028	T	0.54	0.03	L	9.1062	0.0015	0.013	92		9.09	9.13					1							
28189	9.889	0.031	9.462	0.032		0.403	0.041	T	0.47	0.04	L	9.4786	0.0017	0.018	72		9.44	9.51		D			1							
28190	8.101	0.010	7.870	0.011		0.220	0.014	T	0.24	0.02	L	7.9114	0.0017	0.014	80		7.89	7.93					1							S
28191	9.978	0.021	8.829	0.013		0.987	0.019	T	0.97	0.01	L	8.8728	0.0019	0.020	148		8.84	8.91					1							
28192	10.611	0.046	8.853	0.019		1.465	0.039	T	1.47	0.06	L	8.8274	0.0015	0.013	61		8.81	8.85		C			1							
28193	10.475	0.031	9.315	0.019		0.965	0.015	G	1.01	0.01	I	9.3902	0.0026	0.021	121		9.35	9.43					1							
28194	8.949	0.019	7.981	0.014		0.850	0.018	T	0.86	0.01	L	8.0216	0.0018	0.009	67		8.01	8.04		C			1							S
28195	9.856	0.023	8.822	0.016	*	0.900	0.021	T	0.90	0.01	L *	8.8540	0.0023	0.019	106	*	8.83	8.88		D	05575+2309	I 1	2 C	A	BA	233	0.217	0.012	0.77	0.22	
28196	8.318	0.014	8.286	0.017		0.034	0.020	T	0.05	0.02	L	8.3014	0.0018	0.016	68		8.28	8.33		C			1							S
28197	9.412	0.015	8.729	0.013		0.631	0.016	T	0.70	0.01	L	8.7679	0.0012	0.012	132		8.75	8.79					1							
28198	12.136	0.192	10.577	0.082		1.229	0.001	G	1.19	0.00	I	10.5127	0.0043	0.030	74		10.47	10.56		C			1							G
28199	4.149	0.003	4.333	0.002		−0.165	0.015	G	−0.16	0.02	A	4.3092	0.0021	0.015	134		4.28	4.32		U 2 C	05575−3517	I 1	1							S
28200	8.352	0.012	8.387	0.015		−0.030	0.015	G	−0.01	0.01	H	8.3970	0.0017	0.012	72		8.38	8.42		C			1							

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion μα* mas/yr 12	μδ 13	Standard Errors α* mas 14	δ 15	π mas 16	μα* mas/yr 17	μδ 18	Astrometric Correlations (%) δ α* 19	π α* 20	π δ 21	μα* α* 22	μα* δ 23	μα* π 24	μδ α* 25	μδ δ 26	μδ π 27	μδ μα* 28	Soln F1 % 29	F2 30
28201		05 57 33.30	−18 03 18.7	6.67		H	89.388 734 33	−18.055 194 75		11.51	−13.43	3.37	0.53	0.52	0.83	0.71	0.60	−21	+15	−18	+9	−48	+19	−43	+12	−1	−3	0	−1.13
28202		05 57 33.85	+13 42 28.7	7.97		H	89.391 042 82	+13.707 962 08		4.90	4.04	−7.72	1.00	0.65	1.11	1.07	0.71	−12	+34	−7	−27	+10	+21	+13	−53	+1	+4	0	0.56
28203		05 57 34.00	−02 38 42.7	8.59		H	89.391 655 25	−02.645 192 73		3.94	−0.69	−13.02	1.02	0.72	1.17	1.25	0.89	+14	+39	−6	−21	−15	−31	−19	−20	−8	+10	0	−0.54
28204	H	05 57 34.57	+42 38 38.8	9.30		H	89.394 039 76	+42.644 100 73	A	0.72	−1.22	−3.72	4.28	2.13	3.96	5.14	1.93	−7	+26	−7	+30	+23	−11	+25	−14	+19	−3	0	0.04
28205		05 57 34.95	+66 05 46.1	6.24		H	89.395 620 95	+66.096 128 87		7.64	49.05	−12.13	0.41	0.47	0.69	0.51	0.54	+22	+12	+7	−7	+4	+4	−2	−34	−12	+7	1	−1.88
28206		05 57 35.18	+32 00 57.7	10.45		G	89.396 568 09	+32.016 019 26		2.85	−0.41	−0.03	2.18	1.21	2.22	2.96	1.33	+3	+38	−7	+33	−5	+23	+4	−47	+9	+15	0	−0.95
28207		05 57 35.97	−41 06 17.5	7.87		G	89.399 875 17	−41.104 849 85		1.28	−4.13	16.91	0.52	0.55	0.62	0.60	0.63	−4	+4	−17	+4	−3	+17	−1	−10	−1	−10	0	−1.26
28208		05 57 37.35	+45 54 04.9	6.59		H	89.405 618 01	+45.901 348 37		6.07	−7.77	−5.07	0.76	0.41	0.83	0.92	0.43	+9	+30	−8	+32	+38	−1	+39	−23	+33	+9	0	−0.17
28209		05 57 37.81	−40 07 40.3	8.57		H	89.407 540 27	−40.127 854 27		0.56	−1.79	8.85	0.58	0.65	0.72	0.64	0.75	−7	+8	−5	+2	−3	−9	−5	−14	+6	−18	0	−1.95
28210		05 57 38.48	+48 26 19.9	8.60		H	89.410 316 88	+48.438 857 51		1.27	0.13	−7.69	0.94	0.55	1.16	1.18	0.61	+25	+25	−4	+34	+35	−26	+31	−6	+25	+6	0	−1.97
28211	H	05 57 39.58	−15 24 22.1	7.19		G	89.414 922 69	−15.406 136 40	A	5.43	−5.46	6.12	0.76	0.86	0.90	0.78	0.74	−12	+33	−1	+4	−23	+1	−37	+31	−34	+11	2	0.17
28212		05 57 39.74	+33 15 37.3	7.45		H	89.415 598 48	+33.260 368 75		14.80	−29.64	−48.28	0.93	0.60	0.97	1.24	0.66	−3	+26	−13	+15	−6	+7	+10	−54	+13	+23	0	−0.24
28213		05 57 39.88	−01 49 13.1	8.81		H	89.416 176 28	−01.820 308 20		4.15	−5.87	−7.29	1.04	0.75	1.25	1.19	0.87	−6	+42	−13	−17	−1	−29	−3	−18	+7	−18	0	−0.90
28214		05 57 40.57	+55 39 24.1	7.16		H	89.419 031 71	+55.656 695 66		3.81	3.93	3.35	0.76	0.53	0.84	1.01	0.55	+18	+11	−6	+14	+33	+16	+29	+9	−2	+38	2	−0.15
28215		05 57 41.43	−06 05 40.9	7.34	2	H	89.422 644 16	−06.094 686 67		2.85	15.43	10.90	1.12	0.78	1.19	1.12	0.88	−41	+57	−35	−44	+31	−25	+25	−47	+13	−57	0	0.43
28216		05 57 42.39	+22 31 56.5	10.77		G	89.426 630 18	+22.532 364 05		5.35	1.51	−3.94	2.71	1.94	2.61	3.08	1.91	+40	+22	−17	−41	−57	+22	−47	−79	+13	+49	0	0.25
28217		05 57 42.67	−48 15 23.5	8.12	2	H	89.427 779 89	−48.256 539 42		0.73	−7.38	4.24	0.67	0.59	0.72	0.77	0.76	−9	+29	−16	−4	+8	−18	+2	+7	−13	−3	0	0.43
28218		05 57 44.17	−19 23 13.6	7.57		H	89.434 053 80	−19.387 118 81		5.28	−31.56	−39.18	0.67	0.62	0.91	0.75	0.63	−16	+27	−13	+23	−52	+18	−47	+9	+0	−14	0	0.18
28219		05 57 44.65	−22 41 44.8	9.77		H	89.436 038 94	−22.695 775 29		2.39	−1.67	0.05	0.95	1.25	1.71	1.30	1.71	−27	+10	−18	+46	+2	+2	−4	−16	+8	−37	0	−0.45
28220		05 57 46.20	+25 10 19.5	8.73		G	89.442 491 16	+25.172 084 42		2.05	0.89	−2.61	1.16	0.61	1.26	1.14	0.61	−9	+52	−17	+7	−24	+1	−3	−56	+18	+12	0	0.54
28221		05 57 46.80	−29 10 59.3	8.93		H	89.444 983 33	−29.183 134 43		2.88	1.32	−8.17	0.67	0.83	0.99	0.72	0.89	−9	+14	−9	−18	−6	−6	−5	+14	−1	−11	0	1.55
28222		05 57 46.95	−14 12 33.2	7.40		H	89.445 612 45	−14.209 229 16		4.17	8.81	15.52	0.62	0.56	1.03	0.84	0.76	+9	+27	−4	−4	−23	−24	−34	+16	−47	+44	0	3.25
28223	H	05 57 47.55	−52 38 05.5	8.64		H	89.448 124 52	−52.634 869 70	A	2.76	−1.51	−6.91	3.72	3.58	1.04	1.03	1.27	−57	−6	+6	−5	−2	−10	−4	+4	−13	+6	1	0.70
28224		05 57 48.69	+02 03 55.8	7.86		G	89.452 881 07	+02.065 487 38		10.17	−19.74	35.78	0.94	0.64	1.05	0.91	0.68	−17	+46	−23	−9	+0	+0	+0	−19	+1	−12	0	−0.11
28225		05 57 48.97	+14 41 02.8	7.41		G	89.454 033 40	+14.684 099 67		3.34	0.69	5.74	0.95	0.61	1.06	1.37	0.76	−15	+32	−14	−10	+16	+12	+13	−44	+9	−28	0	0.07
28226		05 57 49.37	−43 36 06.0	8.49		H	89.455 699 16	−43.601 679 99		1.50	−0.45	7.39	0.68	0.67	0.78	0.79	0.75	−1	+9	−18	−26	−10	+20	−7	−4	−3	−1	1	−0.56
28227		05 57 49.87	−14 12 37.9	10.61		H	89.457 774 37	−14.210 532 19		5.71	−3.24	−0.93	1.86	1.79	3.12	2.54	2.42	+16	+27	−4	−1	−37	−18	−39	−2	−47	+49	0	0.91
28228		05 57 50.33	+37 31 05.6	7.49		H	89.459 692 22	+37.518 208 50		2.72	0.06	−5.51	0.97	0.60	1.06	1.30	0.69	−11	+39	−21	+11	−4	+8	+16	−55	+32	+12	0	1.78
28229		05 57 50.87	+30 37 30.9	9.71		H	89.461 969 24	+30.625 237 08		0.67	−5.49	−8.01	1.77	0.93	1.89	1.83	0.93	−12	+52	−9	+14	−23	+15	+5	−63	+16	+19	0	0.02
28230		05 57 52.59	−34 28 33.9	7.55		H	89.469 129 77	−34.476 069 94		11.12	10.58	−17.93	0.50	0.53	0.67	0.55	0.62	−1	+9	−9	−5	−9	+18	−9	+15	−5	−1	0	−0.97
28231		05 57 52.96	+40 47 52.3	8.56		H	89.470 684 74	+40.797 851 70		4.59	−2.50	−26.76	1.03	0.52	1.18	1.09	0.51	−14	+33	+7	+14	+32	+13	+32	−27	+11	−7	0	−0.34
28232		05 57 54.51	+01 13 27.5	6.22		H	89.477 110 06	+01.224 306 93		6.28	−23.35	1.31	0.95	0.59	0.99	0.84	0.62	+14	+49	+22	−34	+13	+11	+9	−43	−4	−7	0	1.03
28233		05 57 55.13	+46 42 24.6	7.76		G	89.479 689 19	+46.706 836 15		6.62	5.98	9.70	0.87	0.51	0.99	1.12	0.55	+3	+21	−8	+27	+39	−6	+35	−22	+27	−4	0	−0.38
28234		05 57 56.07	−06 28 23.1	9.20		H	89.483 635 41	−06.473 074 76		2.92	−11.23	5.45	1.39	0.97	1.58	1.25	1.01	−15	+56	−24	−26	+5	−19	+1	−36	+6	−26	0	1.06
28235		05 57 56.51	−31 55 16.4	7.43		H	89.485 477 82	−31.921 211 69		2.32	17.17	−17.54	0.56	0.57	0.75	0.65	0.59	−6	+9	−2	−12	−16	+23	−12	+11	−3	−16	0	0.30
28236		05 57 57.94	−32 50 12.7	9.58		H	89.491 410 41	−32.836 873 53		8.71	39.00	−42.07	0.81	0.88	1.10	0.88	0.95	−10	+17	−8	+4	−8	+9	−9	+9	−13	−9	1	1.64
28237		05 57 59.66	+25 57 14.1	4.81	1	H	89.498 573 71	+25.953 915 97		1.55	−2.85	−1.69	0.80	0.43	0.84	0.96	0.46	−17	+38	−18	+27	−22	−2	−7	−38	+24	−9	0	−0.99
28238	H	05 58 00.29	+24 37 01.7	7.89		H	89.501 189 79	+24.617 140 30	*	0.26	5.28	−3.08	1.67	0.81	1.23	1.23	0.67	−7	+37	−10	−14	−12	+9	−5	−57	+3	+12	2	−0.86
28239		05 58 01.46	−04 46 17.6	8.16		H	89.506 076 06	−04.771 547 53		4.04	6.11	−11.07	0.97	0.72	1.16	1.14	0.79	−12	+34	−37	−28	+11	−23	+3	−22	+2	−11	0	0.21
28240	H	05 58 02.64	−52 12 16.8	8.82		H	89.510 981 43	−52.204 664 44	A	16.76	−27.09	42.38	2.14	2.92	1.93	2.47	3.31	−18	−13	+5	−12	−12	−4	−6	+3	−9	−31	5	0.26
28241		05 58 03.73	−35 48 00.7	8.26		H	89.515 535 05	−35.800 197 64		16.36	−14.53	−58.10	0.57	0.59	0.75	0.66	0.68	−7	+16	−15	+19	−8	+27	−6	+11	−13	−10	0	−0.38
28242		05 58 04.93	−53 31 56.8	9.33		H	89.520 551 24	−53.532 448 97		8.19	−37.76	11.07	0.89	0.96	0.99	0.98	1.23	+19	+11	+14	−11	−9	−8	−10	−8	−15	+18	0	1.44
28243		05 58 06.86	+69 36 15.5	7.01		H	89.528 590 73	+69.604 306 43		9.33	35.52	2.64	0.34	0.54	0.73	0.50	0.71	−6	+10	−6	−22	+18	−20	+18	−24	+5	−5	0	0.84
28244		05 58 07.42	+28 11 12.8	8.63		G	89.530 932 19	+28.186 881 26		0.41	−1.46	−1.56	1.09	0.69	1.17	1.60	0.74	−3	+3	+15	+23	−24	−26	−20	−50	+16	−14	2	−0.61
28245		05 58 07.49	+59 23 36.9	7.30		H	89.531 221 91	+59.393 589 59		2.85	15.13	−42.25	0.66	0.50	0.85	0.78	0.54	+2	+16	−1	−26	−9	−1	−6	−29	+15	−20	0	0.61
28246		05 58 08.21	+42 50 56.0	8.57		G	89.534 193 28	+42.848 889 28		5.12	4.18	11.56	0.98	0.49	1.11	1.15	0.52	−3	+35	−7	+32	+19	+2	+25	−21	+33	−1	0	0.01
28247		05 58 10.14	−42 16 18.9	9.44	1	H	89.542 261 08	−42.271 924 48		12.02	−20.72	−80.55	0.71	0.89	0.93	0.73	0.99	−2	+7	−20	−8	−2	+10	+0	−4	−4	−9	0	−0.05
28248		05 58 10.76	−02 02 05.3	7.80		H	89.544 820 56	−02.034 818 35		6.52	−35.09	−20.36	0.91	0.64	1.05	1.05	0.77	−5	+45	−19	−9	+2	−25	−1	−15	+4	+1	0	−2.23
*28249		05 58 11.22	+81 21 50.3	7.89		H	89.546 734 29	+81.363 962 86		10.72	6.85	−16.87	0.58	0.59	0.73	0.63	0.65	+12	+31	−7	+9	+14	−2	+11	+11	−4	+22	0	−1.92
*28250		05 58 11.10	+51 08 04.6	9.02		H	89.546 253 90	+51.134 617 57		6.30	12.78	−29.31	1.16	0.73	1.32	1.28	0.79	+30	+31	−9	+33	+25	+0	+30	−16	+19	+39	0	−1.36
28251		05 58 11.63	−57 22 22.0	9.26		H	89.548 458 04	−57.372 776 25		6.00	−8.79	−54.23	0.82	0.90	0.89	0.81	0.98	+15	−13	+6	+1	−15	−11	−14	+3	−9	+4	6	−0.06
28252		05 58 11.70	−00 59 38.3	6.21		G	89.548 765 54	−00.993 967 96		8.16	11.25	−20.58	0.82	0.59	0.85	0.97	0.73	−19	+29	+1	−44	+22	−15	+18	−44	−9	−40	0	−0.89
28253	H	05 58 12.75	+55 54 25.9	7.91		H	89.553 143 46	+55.907 184 47	B	10.60	3.42	−59.51	4.68	1.60	1.24	1.51	0.83	+15	+5	+3	−4	+36	+18	+20	−5	+0	+16	2	−0.57
28254		05 58 13.13	+06 30 40.9	8.42		G	89.554 692 71	+06.511 371 03		6.91	−10.41	−17.82	1.17	0.86	1.31	1.44	0.97	+1	+35	−43	−32	−28	+9	−15	−57	+20	+29	0	0.74
28255		05 58 13.52	+01 51 23.1	6.92		H	89.556 332 89	+01.856 406 91		8.87	6.05	−6.83	0.79	0.56	0.88	0.90	0.66	+3	+32	−18	−14	−12	+6	−5	−30	+17	+0	2	0.37
28256		05 58 13.97	−12 10 23.8	8.86		H	89.558 191 12	−12.173 282 53		7.64	−10.35	−1.41	0.75	0.67	1.17	0.93	0.79	+24	+26	+13	−22	−33	−20	−42	+20	−32	+50	0	0.49
28257		05 58 14.53	−62 45 17.9	9.08		H	89.560 538 93	−62.754 959 45		2.15	6.39	−10.44	0.76	0.81	0.82	0.84	0.95	−12	+13	−5	+0	−5	+8	−7	+9	−14	−10	0	0.15
28258		05 58 14.59	+29 24 42.2	8.84		H	89.560 796 38	+29.411 732 02		0.97	11.85	−10.91	1.22	0.69	1.31	1.67	0.79	−20	+40	−25	+14	+5	−4	+12	−55	+30	−19	0	0.79
28259		05 58 14.90	−17 59 14.0	8.27		H	89.562 083 25	−17.987 233 43		1.30	22.92	−10.65	0.64	0.66	1.07	0.82	0.72	−21	+12	−15	+13	−50	+18	−42	+1	+7	+0	2	−0.20
28260		05 58 16.48	+11 06 23.4	9.64		H	89.568 683 77	+11.106 497 35		5.86	−1.22	−3.01	1.62	0.87	1.77	1.59	0.99	+20	+59	+3	−25	−24	−18	−17	−42	−2	+35	0	1.29
28261		05 58 17.06	+05 49 21.4	8.45		H	89.571 081 03	+05.822 619 22		7.18	11.33	−21.46	1.07	0.72	1.23	1.09	0.82	+7	+50	−20	−7	−2	−13	+0	−19	+3	+30	0	−0.44
28262		05 58 18.85	−26 12 19.0	8.73		H	89.578 551 10	−26.205 275 80		2.75	8.32	−0.56	0.62	0.75	1.05	0.78	0.85	−7	+8	−11	+3	−3	+18	−1	+3	−8	−15	0	−0.01
28263		05 58 18.87	+40 47 12.6	7.89		G	89.578 604 26	+40.786 828 20		4.84	−11.08	−6.50	0.90	0.48	1.00	1.01	0.46	−13	+33	+6	+7	+40	+19	+37	−34	+9	−11	0	−0.94
28264		05 58 19.05	−71 19 32.0	8.28		H	89.579 373 05	−71.325 550 15		3.55	−30.95	31.94	0.61	0.70	0.67	0.68	0.86	−7	+13	−8	+9	−15	+6	−15	+13	−2	−16	0	0.43
28265		05 58 20.40	−10 52 29.1	8.07		G	89.585 011 34	−10.874 744 15		2.24	−2.49	−11.00	0.83	0.74	1.04	0.95	0.88	−1	+12	+1	−35	−2	+6	−2	−30	−18	−36	0	−0.61
28266		05 58 20.99	−35 39 52.7	9.67		H	89.587 476 67	−35.664 627 27		3.20	−7.44	18.46	0.76	0.79	0.99	0.85	0.90	+0	+20	−3	+15	−5	+25	−6	+19	−14	−8	0	−0.03
28267		05 58 21.49	−04 39 00.6	6.99		H	89.589 558 21	−04.650 173 45		43.10	71.23	−203.34	0.78	0.57	0.93	0.93	0.66	+1	+28	−24	−21	+1	−26	−6	−11	−5	−10	0	0.63
28268		05 58 22.30	+12 59 18.8	7.94		H	89.592 905 42	+12.988 542 64		0.59	−1.97	−4.56	0.96	0.63	1.06	1.08	0.70	+2	+17	−4	−17	+14	+25	+17	−31	+2	+15	0	0.05
28269		05 58 23.96	−03 22 44.2	9.62		G	89.599 834 01	−03.378 957 08		2.24	5.34	3.99	1.31	0.96	1.57	1.47	1.06	−18	+33	−27	−11	−5	−10	−10	−16	−5	−19	0	0.56
28270	H	05 58 24.04	+29 37 37.2	7.97		H	89.600 187 18	+29.627 002 41	A	4.65	−9.63	−4.30	1.68	1.05	1.68	1.88	0.96	−27	+47	−25	+7	−2	+20	+29	−66	+32	−3	1	0.39
28271		05 58 24.44	+01 50 13.7	5.89	2	H	89.601 829 82	+01.837 127 42		9.24	6.01	−7.83	0.87	0.56	0.97	0.77	0.60	+19	+54	+4	−10	−8	+9	+1	−28	+15	+14	0	−0.57
28272		05 58 24.54	+23 09 21.4	7.60		H	89.602 264 73	+23.155 943 45		5.54	−3.88	−22.96	1.08	0.71	1.13	1.51	0.73	+29	+15	−23	−16	−43	+19	−37	−58	+21	+18	0	0.85
28273		05 58 25.42	+23 58 03.4	10.63		G	89.605 907 72	+23.967 609 37		6.37	1.36	−1.07	2.16	1.25	2.37	2.17	1.20	−28	+47	−31	−2	−9	+10	+9	−55	+21	−5	2	0.05
28274		05 58 27.57	+07 51 38.0	7.34		H	89.614 881 25	+07.860 544 11		3.19	14.01	3.17	0.95	0.71	0.94	1.12	0.84	+35	+21	−25	−49	−43	+11	−37	−58	+11	+59	2	1.21
28275	H	05 58 28.34	−20 09 53.3	7.92		G	89.618 076 86	−20.164 796 21	A	3.92	13.46	1.94	1.70	1.99	2.47	1.77	2.04	−11	+31	−15	−14	−34	+2	−34	+37	−47	−16	2	2.44
28276		05 58 28.91	+26 48 36.9	10.10		H	89.620 470 71	+26.810 254 16		−1.68	0.78	−11.54	1.80	0.94	1.89	1.79	0.92	−29	+50	−18	−8	−2	+10	+18	−67	+21	−8	0	−0.34
28277		05 58 30.60	−40 21 45.7	9.67		H	89.627 492 17	−40.362 689 09		1.27	21.80	−22.80	0.85	0.87	1.01	0.93	1.06	−4	+7	−3	−10	−1	−10	−2	+1	−5	−2	0	−1.60
28278		05 58 30.92	−10 50 23.3	7.57		H	89.628 825 59	−10.839 795 46		3.96	−16.53	−6.66	0.76	0.67	0.92	0.87	0.78	+1	+6	−2	−37	−3	+5	+1	−26	−13	−33	0	0.69
28279		05 58 30.99	+23 46 22.8	10.18		G	89.629 128 96	+23.773 004 32		1.89	11.35	−10.94	1.96	1.25	2.20	2.24	1.24	−3	+33	−28	−11	−16	+8	−6	−58	+20	+6	4	1.72
28280		05 58 32.70	+36 22 27.4	9.08		H	89.636 244 26	+36.374 268 21		11.18	28.90	−2.38	1.22	0.72	1.32	1.83	0.78	+13	+28	+2	+20	−27	−13	−8	−60	+22	+19	0	−0.15
28281		05 58 33.20	+38 53 36.3	7.23		H	89.638 332 91	+38.893 404 29		6.60	−24.08	26.77	0.88	0.44	0.99	1.07	0.41	+5	+29	+22	+30	+40	+21	+25	−18	−1	−11	4	0.98
28282		05 58 33.48	−32 46 52.4	9.35		H	89.639 484 82	−32.781 227 35		3.35	4.15	3.16	0.75	0.83	1.00	0.86	0.88	−12	+15	−9	+17	−11	+18	−10	+25	−9	−10	0	0.92
28283		05 58 33.74	+43 30 15.2	8.65	2	H	89.640 563 85	+43.504 219 11		1.18	4.35	−2.44	1.05	0.51	1.30	1.11	0.53	−10	+47	−5	+22	+17	+9	+30	−26	+31	+3	0	0.83
28284		05 58 35.38	−21 32 38.4	7.31		H	89.647 401 12	−21.543 992 49		13.47	103.70	40.28	0.55	0.56	0.84	0.71	0.74	+3	+22	−8	−16	−26	+3	−27	−4	−9	+8	0	−0.33
28285		05 58 36.06	−02 05 57.5	8.50		H	89.650 237 66	−02.099 307 34		1.81	−3.10	1.22	1.04	0.75	1.25	1.18	0.91	−2	+46	−14	−19	−2	−32	−6	−20	+2	−5	3	−0.97
28286		05 58 37.35	−11 02 37.4	9.05		H	89.655 633 18	−11.043 730 21		0.51	−4.66	0.97	1.02	0.90	1.27	1.18	1.07	+1	+13	+2	−28	−15	+3	−9	−9	−15	−38	0	0.81
28287		05 58 37.56	−44 02 04.5	5.81		G	89.656 486 06	−44.034 585 58		2.58	−12.02	9.49	0.47	0.44	0.52	0.50	0.51	−3	+5	−11	−22	−6	+14	−5	−10	+11	+1	0	−0.92
28288		05 58 38.21	−39 42 17.6	9.04		H	89.659 218 30	−39.704 893 86		6.37	8.64	1.94	0.67	0.71	0.83	0.70	0.79	−5	+18	−9	+12	−5	+12	−5	−8	−4	−7	0	−0.33
28289		05 58 40.03	+16 35 51.8	7.38		H	89.666 801 56	+16.597 730 74		4.55	−3.47	−3.88	1.16	0.71	1.22	1.17	0.76	+23	+38	−18	−12	−54	+20	−36	−54	+23	+43	0	0.09
28290		05 58 40.66	−35 00 36.5	8.94		H	89.669 422 84	−35.010 143 35		4.30	17.70	7.21	0.71	0.71	0.88	0.84	0.82	−8	+23	+8	+8	−18	−3	−17	+14	−5	−15	0	1.61
28291		05 58 41.08	−06 27 01.3	9.78		H	89.671 168 88	−06.450 368 78		4.88	−1.38	−0.77	1.79	1.20	1.93	1.82	1.33	−34	+55	−30	−48	+26	−25	+19	−39	+4	−43	0	−1.06
28292		05 58 41.13	−52 47 32.5	7.98		H	89.671 393 27	−52.792 348 81		5.51	2.72	−8.26	0.55	0.57	0.60	0.64	0.74	+6	−9	−13	+0	−4	+1	−4	+1	−5	+17	1	−0.92
28293		05 58 46.28	+60 22 48.5	6.86		H	89.692 832 21	+60.380 126 21		11.49	−32.66	−102.51	0.68	0.46	0.76	0.76	0.46	−4	+15	−10	−40	+0	−1	+3	−30	+10	−13	3	−0.66
28294		05 58 47.53	+20 12 24.1	9.93		H	89.698 023 67	+20.206 705 44		4.68	−4.50	4.68	1.81	0.96	1.99	2.14	1.06	−12	+50	−9	−9	−2	+6	−4	−41	−3	−23	0	−0.38
28295		05 58 49.39	−05 32 33.2	9.06		H	89.705 773 73	−05.542 560 17		5.72	−20.03	0.56	1.13	0.84	1.27	1.24	0.94	−14	+33	−27	−38	+10	−21	+10	−38	+17	−40	0	−0.02
28296		05 58 49.58	+00 33 10.7	5.21		G	89.706 587 41	+00.552 973 59		8.88	−15.59	2.41	1.38	1.00	1.53	1.34	1.06	−6	+31	−16	−36	−1	−1	+0	−37	+1	+5	0	
28297		05 58 51.14	−38 04 26.0	8.88		H	89.713 097 35	−38.073 887 82		1.17	9.04	−9.07	0.70	0.76	0.88	0.84	0.88	+6	+11	+0	−1	−4	+5	−4	+14	−13	−2	0	−0.44
28298		05 58 51.19	−77 36 01.8	9.10	1	H	89.713 311 12	−77.600 512 92		0.16	−14.03	18.33	0.74	0.77	0.81	0.84	0.97	−6	+2	+1	+6	−13	+17	−16	−11	−16	−15	1	2.10
28299		05 58 51.76	−25 22 32.5	9.05		H	89.715 654 64	−25.375 684 31		−0.31	3.39	0.69	0.61	0.83	1.11	0.79	0.98	+1	−2	−13	−1	−1	+20	+2	+3	−1	−6	0	2.14
28300		05 58 52.54	+37 35 21.2	8.86		H	89.718 906 54	+37.589 216 39		2.74	2.51	−7.94	1.19	0.73	1.36	1.66	0.80	−24	+36	−31	+9	+2	+7	+25	−70	+43	+0	0	−0.54

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
28201	7.293	0.005	6.738	0.004		0.525	0.005	T	0.60	0.01	L	6.7865	0.0008	0.008	174		6.77	6.80					1							S
28202	7.999	0.010	7.968	0.015		0.033	0.017	T	0.05	0.01	L	7.9830	0.0010	0.009	71		7.96	8.00		C			1							
28203	9.004	0.017	8.611	0.017		0.372	0.022	T	0.43	0.02	L	8.6781	0.0019	0.013	77		8.65	8.70		C			1							
28204	9.170	0.019	8.872	0.022	*	0.283	0.027	T	0.32	0.03	L *	9.3783	0.0017	0.016	125	*	9.34	9.41		D	05576+4239	I 1	2 C	A	AB	29	1.846	0.003	0.40	0.01	
28205	8.033	0.006	6.397	0.003		1.369	0.005	T	1.34	0.01	L	6.3859	0.0006	0.007	167		6.37	6.40					1							S
28206						1.682	0.019	G	1.66	0.02	J	10.5850	0.0027	0.030	87		10.53	10.63		C			1							G
28207	7.947	0.007	7.877	0.009		0.072	0.002	G	0.08	0.00	H	7.8894	0.0010	0.010	127		7.87	7.91		C			1							S
28208	7.819	0.007	6.692	0.005		0.970	0.007	T	0.95	0.01	L	6.7533	0.0007	0.008	145		6.74	6.77					1							S
28209	8.345	0.009	8.531	0.012		−0.167	0.007	G	−0.17	0.01	H	8.5058	0.0015	0.014	115		8.48	8.53		C			1							
28210	8.856	0.011	8.612	0.012		0.233	0.015	T	0.26	0.02	L	8.6634	0.0016	0.017	136		8.63	8.70					1							
28211	7.055	0.005	7.172	0.006	*	−0.098	0.002	G	−0.08	0.00	H *	7.1609	0.0010	0.011	140	*	7.15	7.18			05577−1524	H 1	2 C	B	AB	169	0.530	0.024	4.02	0.13	S
28212	8.116	0.010	7.529	0.010		0.548	0.012	T	0.62	0.01	L	7.5692	0.0010	0.008	88		7.56	7.59		C			1							S
28213	8.904	0.015	8.831	0.018		0.072	0.022	T	0.08	0.02	L	8.8421	0.0026	0.016	79		8.82	8.87		C	05577−0149	I 1	1							
28214	7.235	0.006	7.162	0.006		0.063	0.009	G	0.07	0.01	H	7.1869	0.0017	0.012	77		7.16	7.20					1							S
28215	9.689	0.023	7.545	0.009		1.813	0.020	T	2.45	0.05	O	7.3647	0.0081	0.062	62		7.27	7.50		U 2 C			1	S						S P
28216						1.022	0.008	G	1.08	0.01	I	10.9395	0.0050	0.034	88		10.88	11.00		C			1							G
28217	10.285	0.029	8.331	0.011		1.656	0.026	T	2.13	0.07	O	8.1929	0.0039	0.035	107		8.15	8.26		U 2			1							
28218	9.049	0.011	7.695	0.006		1.147	0.010	T	1.11	0.01	L	7.7386	0.0011	0.014	151		7.72	7.77		C			1							S
28219	10.934	0.039	9.898	0.025		0.901	0.035	T	0.90	0.03	L	9.9277	0.0034	0.036	170		9.87	9.99					1							
28220	8.918	0.014	8.793	0.017		0.121	0.021	T	0.14	0.02	L	8.7823	0.0016	0.012	109		8.76	8.80		C			1							
28221	10.226	0.023	9.038	0.014		1.018	0.021	T	0.99	0.02	L	9.0964	0.0020	0.023	170		9.05	9.15		C			1							
28222	9.120	0.016	7.547	0.009		1.319	0.014	T	1.28	0.02	L	7.5564	0.0011	0.011	133		7.54	7.58		C	05578−1413	I 1	1							
28223	9.991	0.026	8.764	0.017	*	1.048	0.024	T	1.02	0.02	L *	8.8062	0.0023	0.018	101	*	8.77	8.83			05578−5238	H 1	2 C	A	AB	317	0.314	0.018	2.16	0.21	
28224	8.265	0.013	7.871	0.010		0.380	0.014	G	0.44	0.01	H	7.9405	0.0013	0.012	73		7.91	7.96		C			1							S
28225	8.859	0.017	7.563	0.011		1.122	0.015	G	1.08	0.02	H	7.5886	0.0014	0.009	69		7.57	7.61		C			1							S
28226	10.660	0.041	8.681	0.015		1.677	0.036	T	1.93	0.10	O	8.5782	0.0019	0.021	111		8.54	8.62					1							
28227	11.080	0.081	10.459	0.078		0.578	0.098	T	0.65	0.09	L	10.7353	0.0049	0.050	133		10.64	10.89					1	S						D G
28228	9.148	0.024	7.631	0.013		1.275	0.021	T	1.23	0.02	L	7.6506	0.0011	0.009	88		7.64	7.67		C			1							S
28229	11.369	0.068	9.818	0.027		1.319	0.007	G	1.28	0.01	J	9.8681	0.0021	0.017	104		9.84	9.90		C			1							G
28230	7.879	0.007	7.583	0.007		0.281	0.009	T	0.32	0.01	L	7.6289	0.0011	0.012	142		7.61	7.65					1							S
28231	8.979	0.011	8.609	0.011		0.384	0.003	G	0.45	0.00	H	8.6512	0.0015	0.015	132		8.63	8.68		C			1							
28232	8.150	0.011	6.382	0.005		1.461	0.051	G	1.54	0.02	A	6.3432	0.0012	0.008	66		6.33	6.36		C			1							S
28233	8.361	0.008	7.814	0.011		0.518	0.015	G	0.59	0.02	H	7.8749	0.0011	0.011	114		7.85	7.90		C			1							S
28234	9.556	0.025	9.210	0.026		0.328	0.034	T	0.38	0.05	L	9.2788	0.0028	0.019	68		9.25	9.31		C			1							
28235	9.317	0.014	7.589	0.007		1.442	0.012	T	1.44	0.02	L	7.5653	0.0011	0.011	137		7.54	7.60					1							S
28236	10.341	0.029	9.695	0.026		0.592	0.029	T	0.66	0.03	L	9.7037	0.0027	0.026	128		9.66	9.75					1	S						
28237	4.712	0.002	4.814	0.002		−0.088	0.003	T	−0.04	0.03	C	4.7985	0.0006	0.006	113		4.79	4.81		M			1							S
28238	7.970	0.008	7.895	0.011	*	0.074	0.013	T	0.09	0.01	L *	7.9249	0.0014	0.010	115	*	7.91	7.94		D	05580+2437	I 1	2 C	A	AB	197	0.203	0.003	0.51	0.08	
28239	9.635	0.021	8.297	0.012		1.135	0.019	T	1.10	0.02	L	8.3262	0.0018	0.013	83		8.31	8.35		C			1							
28240	9.951	0.025	9.023	0.018	*	0.807	0.024	T	0.83	0.02	L *	8.9595	0.0020	0.016	107	*	8.93	8.99		D	05580−5212	I 1	2 C	A	AB	333	0.756	0.003	0.08	0.01	
28241	8.963	0.012	8.323	0.011		0.588	0.015	G	0.66	0.01	H	8.3862	0.0010	0.011	138		8.36	8.41					1							S
28242	10.074	0.024	9.377	0.021		0.630	0.024	T	0.70	0.02	L	9.4621	0.0015	0.017	97		9.44	9.50		C			1							
28243	7.412	0.004	7.044	0.004		0.349	0.005	T	0.41	0.01	L	7.0960	0.0007	0.009	237		7.08	7.11					1	G						S
28244	9.008	0.012	8.697	0.013		0.435	0.015	G	0.50	0.02	H	8.7208	0.0014	0.014	121		8.70	8.74		C			1							
28245	9.117	0.012	7.457	0.006		1.388	0.011	T	1.36	0.01	L	7.4472	0.0013	0.013	129		7.43	7.47					1							S
28246	9.131	0.012	8.647	0.012		0.456	0.015	T	0.53	0.02	L	8.6848	0.0013	0.013	138		8.66	8.71		C			1							
28247	10.378	0.032	9.529	0.024		0.746	0.031	T	0.79	0.02	L	9.5813	0.0020	0.024	116		9.55	9.63		U			1							
28248	8.140	0.012	7.838	0.011		0.287	0.015	T	0.33	0.02	L	7.8702	0.0017	0.010	76		7.85	7.89		C			1							S
28249	8.997	0.011	7.988	0.008		0.881	0.010	T	0.89	0.01	L	8.0477	0.0017	0.015	132		8.02	8.08					1							S
28250	9.499	0.019	9.046	0.019		0.427	0.025	T	0.49	0.03	L	9.1160	0.0020	0.019	103		9.09	9.15		C			1							
28251	9.837	0.023	9.274	0.021		0.531	0.023	T	0.60	0.02	L	9.3742	0.0015	0.019	92		9.34	9.41					1							
28252	7.697	0.008	6.325	0.005		1.140	0.003	G	1.13	0.04	E	6.3747	0.0008	0.006	71		6.37	6.39					1							S
28253	8.694	0.015	8.001	0.013	*	0.640	0.016	T	0.70	0.01	L *	8.0454	0.0020	0.016	79	*	8.02	8.07		D	05582+5554	I 1	2 C	A	BA	266	0.313	0.008	1.04	0.12	
28254	8.868	0.019	8.459	0.019		0.415	0.015	G	0.48	0.02	H	8.5163	0.0011	0.011	68		8.50	8.53		C			1							
28255	7.218	0.006	6.946	0.007		0.259	0.009	T	0.29	0.01	L	6.9938	0.0009	0.007	71		6.98	7.00		C			1							S
28256	9.258	0.013	8.897	0.014		0.351	0.017	T	0.41	0.02	L	8.9450	0.0016	0.017	151		8.92	8.97		C			1							
28257	10.535	0.033	9.202	0.019		1.131	0.030	T	1.09	0.03	L	9.2455	0.0020	0.017	110		9.21	9.27			05582−6245	I 1	1							
28258	10.996	0.050	9.013	0.015		1.644	0.042	T	1.67	0.04	L	8.9487	0.0014	0.016	119		8.93	8.97		C			1							
28259	10.087	0.019	8.437	0.009		1.380	0.017	T	1.35	0.02	L	8.4130	0.0013	0.017	186		8.39	8.45					1							
28260	9.779	0.028	9.690	0.036		0.087	0.043	T	0.10	0.05	L	9.6750	0.0024	0.018	68		9.64	9.72		C			1							G
28261	8.693	0.016	8.478	0.017		0.205	0.022	T	0.23	0.03	L	8.5131	0.0023	0.018	80		8.47	8.55					1							
28262	9.944	0.018	8.838	0.012		0.954	0.017	T	0.94	0.01	L	8.8913	0.0015	0.018	175		8.85	8.93					1							
28263	8.014	0.007	7.909	0.008		0.080	0.015	G	0.09	0.02	H	7.9273	0.0009	0.009	138		7.91	7.94		C			1							S
28264	9.887	0.021	8.399	0.011		1.252	0.019	T	1.21	0.02	L	8.4387	0.0021	0.018	117		8.41	8.48					1							
28265	9.406	0.022	8.169	0.014		1.010	0.015	G	1.01	0.02	A	8.2360	0.0015	0.010	69		8.22	8.25		C			1							
28266	10.037	0.027	9.700	0.029		0.325	0.044	T	0.38	0.06	L	9.7457	0.0024	0.023	134		9.71	9.78					1							
28267	7.882	0.008	7.074	0.007		0.720	0.005	G	0.77	0.01	H	7.1240	0.0011	0.008	80		7.11	7.14		C	05583−0439	I 1	1							S
28268	9.573	0.019	8.063	0.010		1.270	0.017	T	1.23	0.02	L	8.0961	0.0009	0.009	89		8.07	8.12					1							
28269	10.019	0.037	9.613	0.039		0.360	0.020	G	0.42	0.02	H	9.7026	0.0031	0.019	72		9.67	9.75		C			1							G
28270	8.164	0.007	7.926	0.008	*	0.227	0.010	T	0.25	0.01	L *	8.0376	0.0010	0.010	126	*	8.02	8.05		D	05584+2938	I 1	2 C	A	AB	4	2.198	0.003	1.22	0.02	S
28271	6.174	0.005	5.926	0.005		0.223	0.004	G	0.25	0.01	H	5.9578	0.0039	0.020	70		5.93	5.99	2.74	P 1 A	05584+0150	I 1	1							S P
28272	8.934	0.014	7.708	0.009		1.047	0.013	T	1.02	0.01	L	7.7667	0.0014	0.013	98		7.75	7.79					1							
28273	11.763	0.141	10.622	0.076		1.010	0.007	G	1.06	0.01	I	10.8009	0.0037	0.033	104		10.75	10.86		C			1							G
28274	8.961	0.015	7.467	0.009		1.257	0.014	T	1.22	0.01	L	7.4973	0.0013	0.007	81		7.48	7.52					1							S
28275	8.971	0.022	8.610	0.024	A	0.364	0.015	G	0.43	0.02	H *	8.0140	0.0017	0.015	128	*	7.99	8.04		D	05585−2010	I 1	2 C	A	AB	68	3.574	0.003	0.13	0.01	S
28276	10.644	0.040	10.136	0.040		0.477	0.051	T	0.55	0.05	L	10.2081	0.0025	0.023	119		10.17	10.26					1							G
28277	10.711	0.038	9.749	0.027		0.833	0.036	T	0.85	0.03	L	9.8169	0.0025	0.022	108		9.78	9.85		C			1							
28278	7.544	0.008	7.553	0.010		−0.021	0.002	G	0.00	0.00	H	7.5669	0.0010	0.009	72		7.55	7.58					1							S
28279	11.666	0.114	10.266	0.052		1.150	0.005	G	1.11	0.01	H	10.3320	0.0038	0.024	101		10.29	10.38		C			1							G
28280	9.863	0.023	9.149	0.020		0.657	0.025	T	0.72	0.02	L	9.2141	0.0016	0.012	98		9.20	9.24					1							
28281	8.698	0.009	7.364	0.005		1.132	0.008	T	1.10	0.01	L	7.3961	0.0007	0.007	136		7.39	7.41					1							S
28282	9.865	0.019	9.446	0.021		0.396	0.026	T	0.46	0.03	L	9.4409	0.0023	0.022	121		9.41	9.47		C			1							
28283	10.884	0.041	8.941	0.014		1.647	0.036	T	2.90	0.04	O	8.5921	0.0054	0.056	133		8.33	8.64		U 2			1	S						
28284	8.447	0.011	7.414	0.007		0.888	0.010	T	0.89	0.01	L	7.4497	0.0010	0.013	138		7.43	7.48					1							
28285	8.480	0.012	8.499	0.015		−0.002	0.015	G	0.02	0.01	H	8.5118	0.0022	0.016	76		8.49	8.54		C			1							
28286	9.136	0.018	9.062	0.023		0.073	0.027	T	0.08	0.03	L	9.0768	0.0027	0.017	70		9.05	9.10					1							
28287	7.152	0.005	5.926	0.004		1.061	0.002	G	1.00	0.04	E	5.9845	0.0007	0.007	107		5.97	6.00					1							S
28288	9.702	0.019	9.081	0.017		0.574	0.019	T	0.65	0.02	L	9.1684	0.0017	0.017	127		9.14	9.20		C			1							
28289	7.403	0.008	7.374	0.010		0.031	0.012	T	0.05	0.01	L	7.3955	0.0009	0.008	66		7.38	7.42					1							S
28290	9.518	0.019	8.990	0.018		0.504	0.020	T	0.58	0.02	L	9.0500	0.0023	0.022	139		9.01	9.08					1							
28291	10.064	0.036	9.785	0.042		0.265	0.052	T	0.30	0.07	L	9.8507	0.0024	0.026	67		9.81	9.90					1	S						G
28292	8.302	0.010	7.996	0.010		0.291	0.013	T	0.33	0.02	L	8.0512	0.0014	0.011	108		8.03	8.07		C			1							S
28293	7.369	0.005	6.905	0.005		0.437	0.006	T	0.51	0.01	L	6.9593	0.0009	0.009	135		6.95	6.98		C			1							S
28294	10.492	0.044	9.934	0.041		0.522	0.054	T	0.59	0.06	L	10.0400	0.0042	0.025	87		10.00	10.07					1							G
28295	9.364	0.018	9.035	0.020		0.312	0.025	T	0.36	0.03	L	9.1432	0.0021	0.017	78		9.12	9.17		D			1							
28296	5.237	0.004	5.215	0.003		0.009	0.003	G	0.03	0.00	H	5.2248	0.0006	0.005	79		5.22	5.23			05588+0033	I 1	1 X	S						S
28297	11.084	0.054	9.096	0.018		1.648	0.045	T	1.67	0.05	L	8.9879	0.0027	0.025	119		8.95	9.02					1	S						
28298	11.040	0.048	9.286	0.019		1.462	0.041	T	1.47	0.07	L	9.2321	0.0018	0.021	123		9.18	9.26		U			1	S						
28299	10.999	0.040	9.193	0.015		1.503	0.034	T	1.53	0.05	L	9.1794	0.0022	0.024	182		9.14	9.22		C			1	S						
28300	9.053	0.016	8.859	0.019		0.186	0.023	T	0.20	0.03	L	8.9256	0.0015	0.014	103		8.90	8.95		C			1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ α* (19)	π α* (20)	π δ (21)	$\mu_{\alpha*}$ α* (22)	$\mu_{\alpha*}$ δ (23)	$\mu_{\alpha*}$ π (24)	μ_δ α* (25)	μ_δ δ (26)	μ_δ π (27)	μ_δ $\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
28301		05 58 52.92	+25 46 37.4	6.63		H	89.720 515 74	+25.777 062 36		7.45	−43.24	−25.88	0.90	0.50	0.98	0.91	0.50	+3	+48	−14	+3	−25	+8	−9	−49	+14	+22	0	3.06
28302	H	05 58 53.24	+12 48 29.7	5.70		H	89.721 840 12	+12.808 257 41	A	3.89	−8.64	2.84	1.34	0.85	1.20	1.26	0.80	+0	+17	+9	−27	+16	+23	+17	−25	−8	−28	1	0.65
28303		05 58 53.41	+52 29 39.1	8.63		G	89.722 526 73	+52.494 194 15		3.01	−6.48	−22.50	1.02	0.72	1.19	1.17	0.78	+40	+32	+10	+8	+8	−1	+11	−24	+10	+43	0	1.38
28304		05 58 53.61	+71 43 05.7	9.69		H	89.723 385 55	+71.718 238 10		15.50	−14.80	5.36	0.76	1.18	1.66	0.80	1.43	+20	+16	+0	+5	+4	+7	+4	−11	−5	+19	0	0.10
28305		05 58 53.86	−53 48 03.7	8.28		G	89.724 424 21	−53.801 023 87		10.41	18.75	−32.21	0.62	0.63	0.67	0.71	0.82	+10	−3	+1	+17	+2	−6	+2	+3	−11	+8	0	1.03
28306		05 58 54.01	−75 09 35.1	8.40		H	89.725 022 94	−75.159 760 22		7.52	7.58	146.81	0.69	0.75	0.70	0.75	0.89	−17	+22	+12	−42	+22	+4	+19	−45	−8	−40	1	1.13
28307		05 58 54.78	+18 49 12.8	7.06		H	89.728 265 76	+18.820 210 23		3.20	4.70	−18.36	0.85	0.51	0.94	0.90	0.55	+1	+40	−18	+2	−7	+10	+2	−27	+11	+23	0	−0.24
28308		05 58 55.35	+20 40 35.2	8.17		H	89.730 606 81	+20.676 441 97		5.42	−1.82	−13.46	1.11	0.62	1.23	1.18	0.66	−15	+46	−16	−15	+1	+12	+5	−44	+0	+2	0	0.45
28309		05 58 55.87	+29 59 01.9	7.10		H	89.732 771 09	+29.983 871 19		9.21	16.22	−36.62	1.01	0.50	1.11	1.00	0.51	−23	+60	−33	+21	−22	+21	+16	−58	+32	+21	0	0.12
28310		05 58 56.03	−36 59 38.9	7.93		H	89.733 452 31	−36.994 141 80		1.93	−3.54	−1.85	0.53	0.60	0.71	0.57	0.72	+5	+7	−3	+2	−7	+5	−8	+8	−17	−3	0	1.10
28311		05 58 56.52	−34 21 33.4	8.17		H	89.735 491 57	−34.359 279 32	+	16.58	−24.01	2.72	0.65	0.68	0.77	0.77	1.38	−23	+12	−10	−12	−5	+18	+31	−31	+5	−9	0	−1.44
28312		05 58 57.06	+18 58 47.9	8.47		H	89.737 766 99	+18.979 983 40		13.50	47.82	−49.08	1.15	0.67	1.22	1.24	0.73	+7	+39	−9	+4	−20	+8	−12	−28	+3	+26	0	−0.03
28313		05 58 57.25	−61 46 15.2	8.89		H	89.738 527 23	−61.770 884 61		1.92	−2.80	12.91	0.67	0.69	0.71	0.74	0.81	−12	−2	−5	+12	−12	+12	−11	+12	−14	−12	0	3.06
28314		05 58 57.74	+14 21 07.1	8.55		H	89.740 574 33	+14.351 974 31		2.37	−2.23	−8.39	1.22	0.70	1.30	1.69	0.88	+0	+44	−9	−25	+0	+7	+3	−47	+7	−4	0	1.21
28315	H	05 58 58.85	−50 40 38.1	9.61		H	89.745 196 93	−50.677 261 44	A	7.73	16.67	72.06	1.44	1.67	1.39	1.52	1.51	+0	−2	−1	−1	−8	−15	−8	+4	+4	−10	0	−0.08
28316		05 58 59.07	−78 16 55.3	9.99		G	89.746 141 25	−78.282 033 51		19.96	−40.73	−23.35	0.85	0.97	0.93	0.92	1.14	+8	+5	+3	−18	−14	+3	−17	−26	−11	−7	3	0.92
28317		05 58 59.24	+45 51 49.9	7.83		H	89.746 827 96	+45.863 870 41		−0.45	0.96	−1.48	0.98	0.52	1.11	1.31	0.56	+4	+25	−10	+15	+34	−2	+32	−22	+36	+1	0	−0.24
28318		05 58 59.53	−08 53 05.7	8.14		H	89.748 051 35	−08.884 925 53		6.65	−9.65	−8.43	0.81	0.69	1.13	0.88	0.79	+28	+23	−15	−23	−30	+14	−32	−17	−24	+4	0	−0.26
28319	H	05 58 59.62	−07 40 03.2	12.80	3	H	89.748 419 25	−07.667 554 14	A	37.20	−63.87	164.10	18.74	18.21	8.66	11.07	9.39	+66	+19	+2	−30	−18	−20	−27	−25	−12	+68	15	0.39
28320		05 59 00.27	+71 20 02.7	9.02		H	89.751 133 46	+71.334 088 11		5.78	3.39	−36.09	0.60	0.93	1.30	0.72	1.19	+11	+22	−3	+15	+8	+9	+12	−10	+6	+18	0	0.58
28321		05 59 01.07	−09 22 56.1	6.15	2	T	89.754 452 75	−09.382 258 09		10.32	18.42	14.21	0.66	0.58	0.86	0.75	0.68	+44	+14	−13	−33	−28	+19	−26	−24	−24	+21	0	−0.13
28322	H	05 59 01.76	−51 13 23.5	6.82		G	89.757 352 82	−51.223 201 73	*	5.51	−3.32	13.27	1.09	1.07	0.61	0.69	0.72	−5	+6	−2	−19	−1	+1	−1	+0	−5	−13	1	0.16
28323		05 59 02.81	+15 18 54.3	8.16		H	89.761 719 25	+15.315 076 27		5.74	14.82	−71.87	0.96	0.60	1.05	1.02	0.67	+12	+39	−18	+0	−8	+6	+2	−28	+12	+36	0	−0.20
28324		05 59 02.91	+31 01 48.9	9.45		G	89.762 111 85	+31.030 247 51		1.16	4.48	−1.51	1.49	0.76	1.57	1.62	0.78	−12	+48	−11	+21	−22	+16	+3	−52	+15	+16	0	−2.13
28325		05 59 04.31	−09 33 29.3	5.04		H	89.767 948 51	−09.558 139 55		9.93	8.45	−45.52	0.64	0.59	0.85	0.74	0.68	+40	+4	−18	−31	−30	+16	−24	−18	−20	+0	2	−1.17
28326	H	05 59 05.06	+61 07 25.1	8.81		H	89.771 097 66	+61.123 629 04	*	6.67	−0.68	−92.30	0.76	0.62	1.01	0.86	0.64	−8	+20	−11	−3	+6	−11	+4	−25	+16	−23	0	0.49
28327		05 59 05.64	+27 33 42.7	7.26		H	89.773 499 67	+27.561 850 19		0.16	−0.64	−2.13	0.90	0.53	0.95	1.06	0.55	−16	+34	+1	+4	+3	−5	+8	−59	+12	−17	0	0.45
28328		05 59 08.79	−42 48 54.4	3.96		G	89.786 627 19	−42.815 107 61		6.14	18.53	−11.45	0.44	0.44	0.52	0.48	0.49	+0	+9	−19	−7	−11	+22	−6	−14	+14	−3	0	−0.38
28329	H	05 59 10.58	−33 49 07.1	7.99		G	89.794 097 98	−33.818 650 91	A	6.03	12.35	31.83	0.73	0.87	0.95	0.71	0.95	+0	+22	−2	−1	−3	+1	−11	+22	−24	+8	2	0.25
28330	H	05 59 10.78	+77 49 14.5	10.48		H	89.794 931 09	+77.820 689 94	A	4.26	−2.71	−6.66	3.30	4.25	4.54	3.03	4.64	+9	+24	−2	−23	−9	+11	−5	+6	+2	+5	3	−0.20
28331		05 59 11.83	−41 44 47.5	9.45		H	89.799 302 41	−41.746 539 60	A	−1.21	−1.10	−2.77	1.51	1.61	1.66	1.41	1.70	−3	+1	−12	−3	−3	−8	−3	−2	−10	−13	4	1.61
28332		05 59 12.72	+25 20 42.4	10.09		H	89.802 997 98	+25.345 113 33		0.49	−1.70	−1.83	1.59	0.86	1.71	1.92	0.90	−7	+38	−5	+9	−21	−8	−12	−40	+14	−10	0	−0.35
28333		05 59 13.40	−38 42 38.8	8.41		H	89.805 828 13	−38.710 791 31		15.61	−23.57	87.32	0.66	0.68	0.77	0.69	0.75	+2	+12	−9	+14	−4	+17	−4	+4	−13	+0	0	1.97
28334		05 59 14.61	−04 21 33.5	9.06		G	89.810 863 85	−04.359 317 57		2.91	−1.38	0.36	1.16	0.82	1.31	1.42	1.00	−8	+24	−11	−23	+4	−11	−1	−18	−18	−22	0	−0.47
28335		05 59 16.31	−32 12 34.9	7.25		H	89.817 943 51	−32.209 692 23		3.36	9.35	−2.99	0.50	0.52	0.66	0.58	0.53	−9	+9	−17	−14	−16	+14	−10	+13	−2	−20	0	−1.09
*28336		05 59 16.50	−17 54 00.9	8.98		G	89.818 766 24	−17.900 256 68		15.23	70.12	194.62	0.85	0.91	1.37	1.00	1.05	−36	+17	−28	+26	−55	+24	−43	+4	+27	−6	0	−0.85
*28337		05 59 16.50	+04 27 57.2	7.98		H	89.818 751 38	+04.465 896 17		6.26	48.04	−19.74	0.91	0.65	1.01	0.99	0.74	+0	+38	−10	−6	−6	−10	−7	−25	−2	+5	0	0.25
28338		05 59 17.03	+40 02 00.3	7.33		H	89.820 953 57	+40.033 421 77		10.14	35.41	−16.61	0.87	0.41	0.96	0.92	0.38	+5	+35	+6	+31	+44	+14	+39	−3	+10	+4	1	2.14
28339		05 59 20.18	−23 00 01.5	9.10		H	89.834 082 59	−23.000 413 41		0.81	9.26	1.67	0.61	0.90	1.23	0.73	1.11	−21	+3	−5	+31	−7	−12	−9	+10	−15	−23	0	0.29
28340		05 59 20.31	+46 55 06.4	8.00		H	89.834 641 76	+46.918 457 96		1.83	−4.47	−3.57	1.01	0.48	1.20	1.08	0.58	+5	+47	−1	+42	+20	+18	+44	−5	+45	+18	0	−0.92
28341		05 59 20.51	+11 45 45.4	8.48		H	89.835 438 32	+11.762 614 79		0.57	1.53	−4.67	1.19	0.72	1.26	1.56	0.87	+28	+34	−10	−5	−3	−1	−5	−33	+6	+21	0	1.21
28342		05 59 20.70	+52 25 08.2	8.52		H	89.836 255 22	+52.418 948 24		2.78	1.53	−21.15	0.93	0.66	1.12	1.05	0.72	+36	+29	+4	+20	+21	−6	+22	−9	+12	+34	0	0.37
28343		05 59 21.78	+49 55 28.4	5.90		H	89.840 765 64	+49.924 546 10		2.90	−4.57	−2.54	0.65	0.44	0.79	0.76	0.47	+30	+20	−16	+30	+31	−16	+28	+1	+13	+30	0	−1.18
28344		05 59 22.21	−12 50 07.0	7.06		H	89.842 545 63	−12.835 277 15		6.19	19.33	12.42	0.51	0.47	0.94	0.67	0.63	+1	+30	−3	−9	−27	−22	−45	+30	−48	+46	0	1.23
28345	H	05 59 22.51	+13 44 07.2	8.09		H	89.843 774 83	+13.735 330 36	*	−1.40	1.78	−5.13	1.86	0.91	1.48	1.56	0.87	−10	+28	+4	−20	+2	+26	+0	+2	−4	−12	2	−0.12
28346		05 59 23.84	−09 46 46.9	8.98		H	89.849 336 01	−09.779 686 06		5.56	21.31	−12.05	1.03	0.96	1.41	1.21	1.06	+32	−10	−27	−39	−32	+25	−19	−16	−13	−8	0	1.21
28347		05 59 23.87	+41 55 02.8	7.92		H	89.849 446 70	+41.917 438 44		4.60	−4.97	−8.16	0.90	0.44	0.95	1.09	0.45	+6	+24	+5	+39	+30	−8	+23	−21	+17	−7	1	0.77
28348		05 59 24.48	+17 48 53.9	7.92		G	89.852 004 49	+17.814 971 59	A	11.27	25.22	−86.96	2.05	1.19	1.71	2.04	1.16	+0	+45	−4	−22	+7	+7	+2	−18	+1	−2	18	2.23
28349		05 59 24.88	+45 37 10.8	6.83		H	89.853 659 17	+45.619 655 78		3.93	−1.71	−7.93	0.76	0.41	0.86	0.90	0.43	+2	+29	−9	+29	+30	−4	+28	−16	+27	−6	0	0.42
120002		05 59 25.13	+17 48 59.1	10.48		H	89.854 727 33	+17.816 409 79	B	3.39	24.03	−79.21	22.15	9.86	13.57	13.74	6.93	−2	+58	−11	−9	+2	+13	−1	−8	+0	+1	18	2.23
28350		05 59 25.77	−12 42 03.8	8.18		H	89.857 379 81	−12.701 056 82		6.58	−0.05	8.10	0.57	0.52	1.14	0.75	0.72	−3	+29	−10	−9	−24	−23	−45	+33	−50	+47	0	1.27
28351		05 59 25.84	−02 20 28.2	9.13		H	89.857 656 58	−02.341 179 20		5.86	5.69	0.58	1.32	1.00	1.61	1.58	1.17	+6	+39	−16	−22	−2	−32	−8	−26	−2	+8	0	−1.93
28352		05 59 27.12	−47 52 23.2	9.39		H	89.862 987 84	−47.873 100 47		1.80	3.19	16.78	0.78	0.75	0.88	0.85	0.96	−3	+30	−4	−16	+10	−17	+5	+3	−15	+2	0	0.39
28353		05 59 27.70	+08 24 55.8	6.77		H	89.865 431 41	+08.415 508 14		3.56	0.57	−16.36	0.89	0.68	0.95	1.08	0.81	+22	+25	−39	−48	−39	+12	−27	−62	+19	+66	0	−0.40
28354		05 59 28.71	+38 37 28.6	8.08		H	89.869 614 39	+38.624 598 95		3.78	16.99	−15.21	0.97	0.50	1.06	1.27	0.52	−9	+33	−3	+14	+24	+10	+25	−40	+17	−3	4	1.11
28355		05 59 29.10	+22 34 50.8	10.46	2	H	89.871 247 46	+22.580 781 73		10.16	−4.33	−5.15	4.46	2.72	4.45	5.84	2.86	+29	+30	−11	−29	−41	+10	−33	−52	+8	+25	5	
28356		05 59 29.91	+02 28 34.1	7.78		G	89.874 644 96	+02.476 131 61		14.87	14.37	11.31	0.85	0.62	0.98	0.82	0.65	+0	+41	−16	−4	−2	−2	+6	−21	+17	+9	0	0.83
28357		05 59 31.40	+34 30 08.5	9.01		H	89.880 813 77	+34.502 374 91		12.26	−37.47	1.38	1.14	0.71	1.29	1.59	0.79	−23	+21	−27	+0	+4	+6	+19	−70	+40	−6	2	0.38
28358		05 59 31.55	+54 17 05.9	3.72		G	89.881 459 72	+54.284 981 97		23.22	86.31	−134.05	0.89	0.60	0.91	2.07	1.06	+20	+42	+3	+45	+54	+9	+65	+11	+22	+62	0	−0.56
*28359		05 59 31.79	+18 51 07.7	7.55		H	89.882 458 99	+18.852 138 83		5.61	1.80	−4.90	0.94	0.54	1.07	0.96	0.58	+3	+48	−26	+3	−16	+20	+1	−33	+18	+32	0	−0.35
*28360		05 59 31.77	+44 56 50.8	1.90	2	G	89.882 372 61	+44.947 434 92	+	39.72	−56.41	−0.88	0.69	0.41	0.78	0.70	0.37	+7	+37	−14	+34	+35	+3	+36	−4	+7	+23	0	−0.54
28361		05 59 31.98	+32 53 13.0	8.83	2	H	89.883 232 38	+32.886 943 75		−0.01	1.26	−2.55	1.21	0.66	1.22	1.34	0.70	−17	+47	−25	+21	−2	+11	+26	−54	+28	+22	0	−0.66
28362		05 59 31.99	+68 08 50.0	8.69		H	89.883 305 87	+68.147 211 36		9.70	−24.20	−0.30	0.64	0.75	1.15	0.86	0.87	−13	+13	−5	+31	+32	+5	+30	+0	+4	−5	0	−0.16
28363		05 59 32.13	−82 48 42.8	9.69		H	89.883 872 48	−82.811 895 65		6.22	−3.50	36.25	0.80	0.83	0.89	0.95	1.02	−12	+17	−9	+15	−12	+18	−11	+11	−5	−18	0	1.28
28364		05 59 32.82	+46 32 05.2	7.48	1	H	89.886 761 29	+46.534 773 39		1.77	0.50	−3.67	0.86	0.47	0.99	1.05	0.49	+11	+26	−2	+30	+35	+6	+33	−10	+26	+6	0	−0.70
28365		05 59 33.29	−26 16 33.1	10.91		G	89.888 716 55	−26.275 854 63		1.01	122.08	−83.45	1.10	1.52	1.96	1.39	1.80	−6	+7	+11	+12	−1	+10	−2	+10	−5	−14	0	2.73
28366		05 59 34.50	+69 24 16.7	7.97		H	89.893 769 35	+69.404 630 55		3.92	−15.16	−16.73	0.45	0.62	0.87	0.46	0.68	+3	+13	−5	−10	+16	+0	+17	−9	+3	+16	0	1.52
28367		05 59 35.62	−04 20 15.1	9.47		H	89.898 421 75	−04.337 515 85		2.55	−4.28	−0.35	1.36	0.94	1.54	1.62	1.15	−8	+24	−1	−28	+0	−15	−3	−21	−17	−24	0	0.57
*28368		05 59 37.74	+58 35 37.1	10.25	2	G	89.907 265 09	+58.593 628 38		73.58	8.61	−248.72	17.08	12.76	21.52	20.51	14.33	+9	+23	+3	+1	+12	−14	+12	−9	+16	−11	0	
*28369		05 59 37.27	−16 47 10.6	7.63		G	89.905 300 03	−16.786 265 30		8.89	−27.70	14.44	0.65	0.64	0.98	0.87	0.70	−18	+22	−24	+15	−56	+31	−47	+2	−7	+9	1	0.67
28370		05 59 37.75	−01 26 38.6	6.62		G	89.907 280 43	−01.444 053 47		1.71	1.84	−4.50	1.00	0.71	0.94	1.09	0.84	−47	+45	−16	−54	+46	−19	+36	−65	−3	−53	0	−2.64
28371		05 59 38.38	−50 18 32.8	9.72		H	89.909 933 57	−50.309 120 63		8.24	17.48	−6.43	1.16	0.94	1.17	1.41	1.04	−11	+32	−12	+18	−1	+17	−5	−8	−12	−18	0	1.77
28372		05 59 38.80	−35 21 09.7	6.78		H	89.911 670 02	−35.352 700 04		4.18	−27.26	44.59	0.45	0.52	0.61	0.50	0.58	+4	+19	−9	+8	−4	+17	−5	+21	−13	−1	0	0.85
28373		05 59 39.02	+19 54 49.2	10.02		H	89.912 564 83	+19.913 676 24		2.25	7.10	−3.61	2.16	1.10	2.33	2.51	1.22	−8	+52	−7	−14	−5	+1	−8	−43	−4	−25	5	−0.34
28374		05 59 39.61	+21 36 15.4	6.89		H	89.915 050 25	+21.604 267 69		4.54	7.08	−18.40	1.03	0.67	1.10	1.17	0.73	+35	+35	−29	−36	−55	+31	−36	−66	+19	+71	0	−1.80
28375		05 59 40.29	−08 02 44.9	8.28		H	89.917 863 92	−08.045 818 34		0.86	7.26	−19.10	0.93	0.79	1.17	1.02	0.90	+36	+26	−9	−16	−21	+1	−21	−18	−1	+29	0	0.24
28376		05 59 40.78	+75 07 59.2	10.32		H	89.919 917 53	+75.133 098 85		11.20	−5.69	14.95	2.60	3.31	4.10	2.78	3.98	−3	+15	+6	−4	+2	+2	+3	−23	+2	−2	0	
28377		05 59 41.70	+07 17 39.7	9.61		H	89.923 739 45	+07.294 351 58		−0.51	2.28	−3.27	1.34	0.93	1.34	1.60	1.07	+15	+31	−17	−47	−21	−14	−20	−55	+6	+23	0	0.58
28378		05 59 42.39	−43 39 10.6	9.11		H	89.926 622 15	−43.652 936 05		5.24	−17.88	−69.71	0.76	0.73	0.84	0.82	0.95	−6	+13	−13	−31	−3	+6	−1	−21	+15	−2	0	−0.32
28379		05 59 42.53	−14 42 32.3	8.21		H	89.927 213 63	−14.708 966 73		5.87	6.42	−13.07	0.71	0.68	1.04	0.78	0.79	+6	+23	−7	+1	−44	−7	−50	+26	−30	+24	0	−0.01
28380		05 59 43.24	+37 12 46.0	2.65	1	G	89.930 158 97	+37.212 764 09		18.83	42.09	−73.61	0.77	0.49	0.81	1.04	0.55	+25	+25	−10	+10	−22	+7	−9	−56	+29	+33	0	−0.41
28381		05 59 43.42	−02 20 08.9	8.65		H	89.930 915 06	−02.335 794 12		1.87	−4.84	2.94	0.99	0.76	1.19	1.14	0.90	+6	+41	−14	−22	−1	−28	−9	−36	−5	+4	0	−1.12
28382		05 59 43.74	−40 57 26.5	9.62		H	89.932 244 22	−40.957 367 62		3.14	9.64	12.37	0.75	0.86	0.95	0.88	1.00	+0	−6	−13	+1	−9	+20	−7	+8	−7	−7	0	0.73
28383	H	05 59 44.94	−54 37 04.4	9.13		G	89.937 265 50	−54.617 900 63	A	5.46	13.86	9.31	1.53	1.78	1.60	1.50	2.26	−7	+10	+8	+20	+1	+10	−3	+21	−27	−19	1	0.08
28384		05 59 45.73	+06 46 10.8	8.82		H	89.940 534 67	+06.769 655 96		4.46	−4.48	−3.42	1.21	0.80	1.30	1.66	1.03	+1	+39	−21	−31	−5	−12	−6	−41	+1	+20	0	1.60
28385		05 59 45.83	+55 19 15.9	6.42		H	89.940 954 55	+55.321 072 37		9.54	−2.78	−88.40	0.75	0.49	0.80	0.97	0.50	+26	+20	+11	+15	+32	+27	+27	+0	+9	+39	0	−1.19
28386		05 59 45.86	−15 48 16.8	7.76		G	89.941 064 55	−15.804 656 75		2.36	−4.24	3.60	0.62	0.60	0.85	0.71	0.63	+5	+18	−8	+17	−36	+12	−33	+10	−5	+14	3	0.53
28387		05 59 46.85	−33 36 56.7	9.30		H	89.945 193 11	−33.615 743 92		1.89	10.56	4.25	0.72	0.82	1.02	0.76	0.96	+0	+17	−18	+15	−13	+16	−14	+19	−15	+4	4	1.33
28388	H	05 59 47.58	+36 02 42.3	8.03		H	89.948 241 24	+36.045 075 61	A	1.41	4.33	−14.97	1.42	1.03	1.29	1.82	0.78	−10	+15	−10	+29	−1	−12	+10	−39	+35	+0	0	−0.43
28389		05 59 47.89	−39 14 07.3	8.35		H	89.949 523 64	−39.235 353 69		2.46	4.77	−18.75	0.57	0.65	0.73	0.61	0.69	−7	+15	−3	+17	−5	+24	−4	+11	−1	−13	0	0.04
28390		05 59 47.95	+54 32 49.6	6.14		G	89.949 788 50	+54.547 111 79		9.57	−1.24	−42.07	0.71	0.53	0.83	0.77	0.54	+17	+32	+3	+18	+32	+2	+28	−14	−3	+25	0	0.13
28391		05 59 48.39	−06 35 50.5	7.27		H	89.951 633 87	−06.597 356 23		1.76	13.12	−5.97	1.14	0.77	1.23	1.34	0.82	−42	+49	−41	−53	+28	−32	+8	−25	−0	−18	0	−0.38
*28392		05 59 49.73	−45 17 27.5	8.98		H	89.957 209 01	−45.290 964 43		5.97	10.09	20.98	0.71	0.72	0.80	0.77	0.88	−15	+10	−6	+5	−1	−1	+0	+1	+9	−10	3	−0.08
*28393	H	05 59 49.69	−48 14 23.5	8.65		G	89.957 026 27	−48.239 849 73	A	23.24	−42.27	65.16	1.10	1.31	1.02	1.08	1.15	−9	+12	−5	−16	+4	−15	+3	+3	−16	−4	0	0.32
28394		05 59 50.75	−05 09 06.2	9.21		H	89.961 477 58	−05.151 734 47		2.03	−11.83	−5.33	1.15	0.84	1.27	1.27	0.89	+9	+17	−26	−34	−11	−4	−9	−26	+7	−16	2	1.07
28395		05 59 51.57	+00 03 21.8	8.08		G	89.964 892 34	+00.056 043 16		11.64	19.85	−31.70	0.89	0.69	1.01	0.92	0.74	−17	+32	−19	−39	+16	−17	+11	−50	−7	−5	0	1.01
28396		05 59 52.60	−30 51 28.3	10.24		H	89.969 153 44	−30.857 853 85		4.50	−5.05	−7.96	0.83	1.01	1.22	0.97	1.18	−8	+9	+2	+3	−6	+9	−8	+26	−7	−4	3	1.00
28397		05 59 53.02	+09 32 01.5	8.24		G	89.970 927 47	+09.533 740 75		6.55	14.29	−20.84	0.96	0.63	1.07	1.34	0.77	−10	+28	−22	−17	+0	+0	+3	−36	+12	−8	0	0.59
28398		05 59 53.60	+03 59 27.6	7.47		H	89.973 333 09	+03.991 008 37		4.75	−6.44	−2.55	0.80	0.58	0.94	1.03	0.68	−9	+22	−21	+17	+5	−28	−6	−5	−18	−5	0	0.08
28399		05 59 53.66	−09 43 59.4	8.23		H	89.973 586 63	−09.733 170 38		2.97	−1.89	−10.69	0.87	0.78	1.19	0.99	0.86	+31	−2	−26	−33	−33	+22	−23	−10	−18	−6	0	1.58
28400		05 59 54.10	−62 48 32.1	8.20		H	89.975 416 14	−62.808 912 39		6.49	2.24	21.48	0.59	0.60	0.62	0.61	0.69	−10	+18	+5	+7	−10	+8	−14	+2	−14	−14	0	0.37

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
28301	7.872	0.009	6.749	0.006		0.967	0.008	T	0.95	0.01	L	6.7964	0.0009	0.006	100		6.79	6.81					1							S
28302	6.833	0.006	5.833	0.003	*	0.874	0.005	T	0.88	0.00	L *	5.8528	0.0008	0.005	89	*	5.84	5.86		D	05589+1248	I 1	2 C A	AB	299	0.523	0.004	1.06	0.01	S
28303	9.967	0.026	8.720	0.016		1.090	0.015	G	1.05	0.02	H	8.7980	0.0016	0.016	101		8.77	8.83					1							
28304	10.752	0.034	9.768	0.023		0.862	0.031	T	0.87	0.02	L	9.8540	0.0028	0.035	201		9.79	9.91					1							
28305	8.794	0.012	8.313	0.011		0.445	0.015	G	0.51	0.02	H	8.3765	0.0015	0.014	107		8.35	8.40					1							S
28306	9.452	0.017	8.495	0.012		0.842	0.015	T	0.86	0.01	L	8.5564	0.0018	0.014	109		8.53	8.58		C			1							
28307	8.772	0.013	7.207	0.007		1.313	0.012	T	1.27	0.01	L	7.2183	0.0010	0.007	91		7.21	7.23		C			1							S
28308	9.358	0.020	8.277	0.014		0.940	0.020	G	0.93	0.01	H	8.3365	0.0016	0.012	92		8.32	8.35		C			1							
28309	7.298	0.004	7.127	0.005		0.164	0.006	T	0.18	0.01	L	7.1580	0.0006	0.006	129		7.15	7.17					1							S
28310	9.217	0.013	8.036	0.009		1.012	0.012	T	0.99	0.01	L	8.0922	0.0015	0.012	124		8.07	8.11		C			1							
28311	8.957	0.011	8.246	0.010		0.641	0.011	T	0.71	0.01	L	8.3018	0.0013	0.014	138		8.28	8.33					1 O							S
28312	9.190	0.016	8.533	0.014		0.606	0.015	G	0.68	0.01	H	8.6005	0.0014	0.013	88		8.57	8.63					1							
28313	9.122	0.016	8.895	0.018		0.211	0.024	T	0.23	0.03	L	8.9581	0.0017	0.014	89		8.93	8.99					1							
28314	10.240	0.040	8.689	0.020		1.302	0.035	T	1.26	0.04	L	8.7037	0.0014	0.012	70		8.68	8.72		C			1							
28315	10.273	0.029	9.700	0.027	*	0.539	0.030	T	0.61	0.03	L *	9.7252	0.0021	0.023	116	*	9.68	9.77		D	05590−5041	I 1	2 C A	AB	187	0.568	0.008	1.78	0.04	
28316	11.251	0.057	10.035	0.032		0.875	0.015	G	0.92	0.01	H	10.1057	0.0026	0.020	120		10.07	10.14					1							
28317	9.259	0.025	7.972	0.016		1.095	0.023	T	1.06	0.02	L	8.0015	0.0015	0.013	120		7.98	8.02		C			1							S
28318	8.418	0.009	8.177	0.010		0.230	0.013	T	0.26	0.02	L	8.2107	0.0012	0.012	105		8.19	8.24					1							S
28319						0.279	0.015	G	0.32	0.02	H *	12.8774	0.0205	0.153	67	*	12.49	13.08		U	05590−0740	H 1	2 C D	AB	35	0.499	0.066	0.51	0.49	G D
28320	9.428	0.012	9.051	0.012		0.357	0.016	T	0.42	0.02	L	9.1013	0.0019	0.021	189		9.06	9.14					1							
28321	6.540	0.018	6.189	0.013		0.333	0.021	T	0.39	0.03	L	6.2379	0.0147	0.111	93		6.05	6.36	0.14	P 1 A			1							S P
28322	6.690	0.004	6.792	0.005	*	−0.099	0.002	G	−0.08	0.00	H *	6.7919	0.0009	0.009	121	*	6.78	6.81		D	05590−5113	H 1	2 C A	AB	162	0.294	0.020	3.23	0.20	S
28323	8.857	0.013	8.228	0.011		0.585	0.015	T	0.66	0.01	L	8.2867	0.0012	0.011	93		8.26	8.30		D			1							
28324	9.505	0.015	9.496	0.020		0.156	0.015	G	0.17	0.01	H	9.4781	0.0015	0.018	128		9.44	9.51					1							G
28325	5.263	0.003	5.056	0.003		0.189	0.006	G	0.17	0.03	C	5.0983	0.0005	0.004	84		5.09	5.11					1							S
28326	9.375	0.015	8.871	0.015	*	0.474	0.019	T	0.55	0.02	L *	8.9111	0.0020	0.017	123	*	8.89	8.94			05591+6107	I 1	2 C S B	AS	115	0.127	0.015	0.08	0.81	
28327	7.545	0.006	7.299	0.007		0.277	0.011	G	0.31	0.01	H	7.3331	0.0008	0.008	128		7.32	7.35		C			1							S
28328	5.420	0.003	4.068	0.002		1.146	0.003	T	1.06	0.02	A	4.1205	0.0004	0.004	130		4.11	4.13					1							S
28329	8.314	0.009	8.058	0.010	A	0.270	0.015	G	0.30	0.02	H *	8.0515	0.0016	0.014	136	*	8.03	8.08		D	05592−3349	I 1	2 C A	AB	21	2.030	0.013	2.95	0.05	S
28330	11.079	0.053	10.498	0.049	*	1.000	0.020	G	0.98	0.02	H *	10.6508	0.0046	0.050	135	*	10.57	10.77		D	05592+7749	M 1	2 C A	AB	174	0.973	0.009	0.33	0.04	G
28331	10.621	0.043	9.487	0.025	A	0.976	0.039	T	0.96	0.03	L	9.6206	0.0116	0.026	107	A	9.58	9.67			05592−4145	H 1	2 C B	AB	23	12.021	0.035	2.69	0.14	
28332	12.044	0.186	10.304	0.057		1.451	0.154	T	1.45	0.24	L	10.2336	0.0020	0.023	103		10.18	10.27		C			1 S							G
28333	9.093	0.012	8.472	0.011		0.596	0.015	G	0.67	0.01	H	8.5340	0.0019	0.016	138		8.51	8.56					1 G							
28334	9.084	0.017	9.086	0.022		0.010	0.015	G	0.03	0.01	H	9.0652	0.0023	0.016	72		9.04	9.10		C			1							
28335	8.563	0.009	7.363	0.006		1.027	0.008	T	1.00	0.01	L	7.4204	0.0012	0.011	138		7.40	7.44					1							S
28336	9.778	0.017	9.031	0.014		0.659	0.003	G	0.72	0.00	H	9.1185	0.0020	0.021	169		9.07	9.17					1							
28337	9.336	0.021	8.068	0.013		1.080	0.019	T	1.04	0.02	L	8.1494	0.0015	0.011	74		8.13	8.17		C			1							S
28338	7.962	0.005	7.383	0.006		0.541	0.007	T	0.61	0.01	L	7.4441	0.0006	0.008	164		7.43	7.46					1							S
28339	10.972	0.040	9.250	0.016		1.437	0.034	T	1.43	0.05	L	9.2428	0.0019	0.024	174		9.20	9.29					1 S							
28340	8.027	0.008	8.003	0.010		0.030	0.015	G	0.05	0.01	H	8.0208	0.0016	0.015	124		7.99	8.04					1 G							S
28341	9.788	0.030	8.621	0.019		1.001	0.028	T	0.98	0.02	L	8.6417	0.0014	0.012	74		8.62	8.67		C			1							
28342	9.814	0.022	8.645	0.014		1.003	0.020	T	0.98	0.02	L	8.6839	0.0018	0.014	110		8.66	8.71					1							
28343	7.457	0.006	6.044	0.003		1.194	0.005	T	1.15	0.01	L	6.0667	0.0008	0.008	122		6.05	6.08					1							S
28344	8.968	0.009	7.216	0.004		1.461	0.008	T	1.47	0.01	L	7.1903	0.0007	0.010	191		7.17	7.21					1							S
28345	8.105	0.011	8.088	0.013	*	0.020	0.016	T	0.04	0.01	L *	8.1073	0.0020	0.016	75	*	8.08	8.13		D	05594+1344	I 1	2 C A	AB	273	0.277	0.007	0.54	0.18	
28346	9.323	0.028	8.994	0.030		0.312	0.038	T	0.36	0.05	L	9.0575	0.0026	0.016	78		9.02	9.08					1							
28347	8.054	0.008	7.926	0.009		0.124	0.011	T	0.14	0.01	L	7.9682	0.0013	0.012	154		7.95	7.99		C			1							S
28348	8.519	0.012	7.990	0.011	A	0.531	0.015	G	0.60	0.02	H	8.0325	0.0039	0.018	80	A	8.01	8.08		D	05594+1749	I 2	1 C P A							S
28349	6.887	0.004	6.842	0.005		0.046	0.006	T	0.06	0.01	L	6.8558	0.0008	0.008	129		6.84	6.87			05594+4537	I 1	1							S
120002											T	10.6868	0.0366			B					05594+1749	I 2	1 C I A							
28350	8.507	0.007	8.210	0.007		0.299	0.015	G	0.34	0.02	H	8.2519	0.0010	0.012	183		8.23	8.28					1							S
28351	9.567	0.022	9.118	0.022		0.424	0.029	T	0.49	0.03	L	9.2230	0.0029	0.022	73		9.19	9.26					1							
28352	10.757	0.039	9.508	0.022		1.065	0.035	T	1.03	0.03	L	9.5576	0.0026	0.018	124		9.52	9.58					1							
28353	7.962	0.011	6.866	0.006		0.947	0.010	T	0.94	0.01	L	6.9370	0.0006	0.005	73		6.93	6.95					1							S
28354	9.778	0.018	8.233	0.009		1.297	0.016	T	1.26	0.02	L	8.2341	0.0011	0.011	132		8.22	8.25		C			1							
28355	12.675	0.329	10.702	0.085		1.900	0.020	G	1.88	0.02	J	10.5472	0.0099	0.095	85		10.28	10.63		U 2			1 X S							G P
28356	8.295	0.011	7.795	0.010		0.461	0.015	G	0.53	0.02	H	7.8831	0.0011	0.010	77		7.87	7.91					1							S
28357	9.669	0.018	9.067	0.017		0.561	0.022	T	0.63	0.02	L	9.1273	0.0020	0.017	114		9.10	9.15		C			1							
28358	5.026	0.003	3.842	0.002		1.010	0.000	G	0.99	0.00	H	3.8904	0.0006	0.005	83		3.88	3.90			05595+5418	I 1	1 G							S
28359	7.695	0.009	7.568	0.010		0.123	0.013	T	0.14	0.01	L	7.5990	0.0012	0.011	90		7.58	7.61		C			1							S
28360	1.989	0.005	1.904	0.005		0.077	0.006	T	0.05	0.03	C	1.9038	0.0006	0.014	125		1.90	1.97		P 1 A	05596+4457	I 1	1 O							S
28361	8.896	0.011	8.817	0.014		0.053	0.019	G	0.07	0.01	H	8.8552	0.0025	0.026	119		8.82	8.90		U 2			1							
28362	9.308	0.010	8.728	0.009		0.542	0.012	T	0.62	0.01	L	8.8139	0.0017	0.022	196		8.78	8.85					1							
28363	10.337	0.028	9.723	0.025		0.569	0.028	T	0.64	0.03	L	9.8094	0.0022	0.022	111		9.78	9.85					1							
28364	7.368	0.006	7.459	0.008		−0.076	0.005	G	−0.06	0.01	H	7.4586	0.0019	0.017	105		7.44	7.48		U 2			1							S
28365	12.026	0.122	11.000	0.075		0.817	0.015	G	0.84	0.01	H	11.0742	0.0039	0.039	160		11.01	11.16					1							G
28366	9.746	0.013	8.116	0.007		1.364	0.012	T	1.33	0.01	L	8.1143	0.0015	0.017	206		8.08	8.14					1							
28367	9.507	0.023	9.445	0.030		0.062	0.035	T	0.07	0.04	L	9.4950	0.0028	0.020	70		9.46	9.53		C			1 S							
28368	12.145	0.174	10.561	0.075		1.480	0.020	G	1.95	0.12	I	10.3450	0.0061	0.070	89		10.30	10.54		U 2	05597+5835	I 1	1 X							G G
28369	8.091	0.008	7.671	0.009		0.412	0.015	G	0.48	0.02	H	7.7280	0.0012	0.012	132		7.71	7.76					1							S
28370	6.539	0.006	6.616	0.005		−0.059	0.013	G	−0.04	0.01	H	6.6063	0.0006	0.006	66		6.59	6.62		C			1							S
28371	10.470	0.034	9.781	0.030		0.636	0.037	T	0.70	0.03	L	9.8537	0.0026	0.028	102		9.80	9.91		C			1							S
28372	8.487	0.010	6.920	0.005		1.315	0.009	T	1.28	0.01	L	6.9323	0.0008	0.009	138		6.92	6.95		C			1							S
28373	10.360	0.042	9.985	0.049		0.355	0.060	T	0.42	0.07	L	10.1022	0.0037	0.033	83		10.05	10.15					1							G
28374	6.821	0.005	6.871	0.007		−0.060	0.015	G	−0.04	0.01	H	6.8802	0.0005	0.005	88		6.87	6.89					1							S
28375	10.094	0.029	8.425	0.014		1.395	0.025	T	1.37	0.03	L	8.4304	0.0016	0.013	86		8.41	8.45					1							
28376	11.245	0.053	10.441	0.042		0.727	0.052	T	0.78	0.04	L	10.4615	0.0030	0.038	140		10.39	10.53		D			1 X S							G
28377	9.597	0.024	9.588	0.033		0.013	0.038	T	0.03	0.04	L	9.6207	0.0021	0.016	76		9.59	9.65		C			1							G
28378	9.661	0.021	9.131	0.020		0.506	0.022	T	0.58	0.02	L	9.2198	0.0012	0.014	108		9.19	9.25					1							
28379	8.600	0.009	8.241	0.010		0.349	0.012	T	0.41	0.02	L	8.2969	0.0012	0.011	124		8.27	8.32		C			1							
28380	2.574	0.005	2.641	0.009		−0.083	0.004	G	−0.06	0.01	H	2.6103	0.0022	0.014	98		2.59	2.62	3.62	P 1 A	05597+3713	I 1	1							S P
28381	8.614	0.013	8.634	0.016		−0.017	0.015	G	0.01	0.01	H	8.6560	0.0020	0.016	78		8.63	8.68					1							
28382	10.006	0.021	9.634	0.023		0.363	0.027	T	0.42	0.03	L	9.7027	0.0022	0.018	117		9.67	9.74		C			1							
28383	9.319	0.028	8.773	0.025	*	0.514	0.002	G	0.59	0.00	H *	9.2487	0.0018	0.016	107	*	9.22	9.27		D	05597−5437	I 1	2 C A	AB	9	1.911	0.005	1.00	0.03	
28384	8.991	0.018	8.845	0.022		0.174	0.015	G	0.19	0.02	H	8.8757	0.0013	0.011	65		8.85	8.89					1							
28385	6.795	0.006	6.442	0.006		0.318	0.011	G	0.35	0.03	C	6.4929	0.0006	0.007	73		6.48	6.51					1							S
28386	7.862	0.007	7.746	0.008		0.081	0.003	G	0.09	0.00	H	7.7916	0.0010	0.011	120		7.77	7.82		C			1							S
28387	10.803	0.044	9.389	0.022		1.194	0.039	T	1.15	0.04	L	9.4655	0.0017	0.018	124		9.43	9.50		C			1							
28388	8.127	0.008	8.041	0.009	*	0.084	0.011	T	0.10	0.01	L *	8.0659	0.0013	0.011	127	*	8.05	8.08		C	05598+3603	H 1	2 C A	AB	345	0.402	0.006	2.40	0.04	S
28389	9.781	0.018	8.481	0.011		1.105	0.016	T	1.07	0.02	L	8.5209	0.0013	0.014	136		8.49	8.54		C			1							
28390	7.697	0.009	6.265	0.005		1.197	0.008	G	1.16	0.01	H	6.3036	0.0007	0.006	80		6.29	6.31					1							S
28391	9.275	0.020	7.421	0.009		1.541	0.017	T	1.60	0.04	L	7.3902	0.0017	0.010	73		7.37	7.41					1 G							S
28392	9.439	0.016	9.024	0.016		0.406	0.019	T	0.47	0.02	L	9.0706	0.0019	0.015	109		9.04	9.10					1							
28393	9.731	0.019	8.743	0.014	*	0.887	0.013	G	0.93	0.01	H *	8.7855	0.0014	0.016	119	*	8.76	8.81		D	05598−4814	H 1	2 C B	AB	176	0.541	0.033	3.68	0.17	
28394	9.566	0.021	9.249	0.022		0.301	0.028	T	0.34	0.04	L	9.2845	0.0027	0.019	81		9.26	9.31		C			1							
28395	8.706	0.014	8.148	0.013		0.524	0.015	G	0.60	0.02	H	8.1963	0.0015	0.012	80		8.18	8.22					1							S
28396	10.695	0.034	10.241	0.037		0.428	0.046	T	0.50	0.05	L	10.3373	0.0026	0.029	152		10.28	10.40		C			1							G
28397	8.580	0.014	8.283	0.015		0.256	0.015	G	0.29	0.02	H	8.3125	0.0017	0.012	79		8.29	8.33		C			1							
28398	7.471	0.008	7.461	0.010		0.014	0.012	T	0.03	0.01	L	7.4865	0.0016	0.009	69		7.47	7.50					1							S
28399	8.511	0.012	8.274	0.014		0.226	0.017	T	0.25	0.02	L	8.2983	0.0014	0.013	77		8.28	8.32		C			1							
28400	8.615	0.010	8.245	0.010		0.363	0.006	G	0.42	0.01	H	8.2888	0.0011	0.012	107		8.27	8.31		C			1							S

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α (ICRS) deg (8)	δ (ICRS) deg (9)	(10)	Par. π mas (11)	μα* mas/yr (12)	μδ mas/yr (13)	σα* mas (14)	σδ mas (15)	σπ mas (16)	σμα* mas/yr (17)	σμδ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	F1 % (29)	F2 (30)
28401	H	05 59 54.11	−29 57 15.7	11.88		H	89.975 451 18	−29.954 358 57	A	6.53	−1.88	−2.76	6.50	8.50	6.94	5.55	6.99	−24	+13	+10	−3	−3	+7	−5	+16	−8	−11	3	0.87
28402	H	05 59 54.99	+30 11 09.5	9.28		H	89.979 141 71	+30.185 981 09	*	6.56	1.71	−1.92	1.43	0.68	1.49	1.41	0.67	−30	+53	−27	+26	−19	+21	+24	−64	+33	+16	0	−0.03
28403		05 59 55.63	−37 03 25.8	8.61		H	89.981 792 35	−37.057 169 16		19.41	223.74	182.03	0.58	0.71	0.80	0.65	0.85	+2	+1	−9	+0	−5	+2	−4	+21	−17	−4	0	0.62
28404		05 59 56.10	+45 56 12.3	4.30	2	H	89.983 755 87	+45.936 753 46		3.88	−2.42	−7.32	0.75	0.41	0.85	0.95	0.46	+17	+23	−7	+24	+18	+9	+21	−16	+37	+17	0	0.06
28405		05 59 58.26	+41 38 29.6	8.89		H	89.992 759 71	+41.641 544 52		2.55	0.32	−15.03	1.20	0.56	1.28	1.43	0.56	+0	+26	+11	+35	+29	−1	+24	−28	+20	−11	2	2.32
28406		05 59 58.40	+52 20 36.4	8.86		G	89.993 324 91	+52.343 430 60		0.33	0.45	−19.86	1.10	0.77	1.30	1.28	0.85	+34	+33	+9	+26	+25	+8	+24	−4	+7	+35	3	−0.25
28407		06 00 00.27	−21 24 51.6	7.99		H	90.001 133 58	−21.414 332 36		4.37	−7.28	−16.64	0.65	0.66	1.08	0.94	0.79	+14	+14	−8	−31	−25	+5	−18	−6	+3	+6	0	0.10
28408		06 00 00.45	−19 50 55.3	8.81		H	90.001 888 85	−19.848 698 00		6.70	1.06	−29.66	0.91	0.78	1.21	0.95	0.93	−16	+42	−9	+25	−45	+10	−44	+16	−9	+0	0	1.22
28409		06 00 01.13	−08 06 27.1	6.65		H	90.004 718 00	−08.107 533 45		1.13	−2.64	−4.85	0.70	0.60	0.87	0.75	0.65	+30	+22	−22	−26	−28	+1	−28	−27	+0	+21	0	1.09
28410		06 00 01.45	+39 40 45.8	9.08		H	90.006 054 01	+39.679 399 44		5.14	20.11	−27.81	1.13	0.52	1.31	1.23	0.50	−9	+37	+17	+12	+37	+13	+33	−36	+13	−15	0	−0.70
28411		06 00 02.45	+28 44 49.3	8.82		H	90.010 198 43	+28.747 021 12		7.87	34.29	−44.15	1.26	0.70	1.30	1.72	0.73	+8	+26	−4	+22	−32	−10	−25	−62	+23	−3	0	2.12
28412		06 00 02.74	−29 12 22.3	7.69		H	90.011 433 45	−29.206 190 26		3.88	−5.12	41.22	0.48	0.63	0.76	0.56	0.70	+3	+14	+2	−15	−10	+1	−8	+11	−2	−4	0	1.39
28413		06 00 03.35	−03 04 26.7	4.53		G	90.013 939 18	−03.074 076 81		7.77	6.87	−72.71	0.68	0.50	0.82	0.78	0.58	+4	+37	−23	−8	+3	−26	−6	−13	−6	+8	0	0.85
28414		06 00 04.36	+04 13 21.7	8.64		H	90.018 180 78	+04.222 707 41		4.84	−3.52	5.02	1.11	0.74	1.23	1.11	0.80	+7	+46	−3	−9	+4	−18	−6	−28	−10	−6	0	−0.38
28415		06 00 04.64	+51 26 21.2	8.67	1	H	90.019 336 41	+51.439 221 32	A	3.02	−4.42	6.51	1.69	1.24	1.85	1.86	1.22	+26	+23	−3	+28	+44	−5	+41	+4	−2	+41	1	0.65
28416		06 00 04.93	+28 07 32.8	6.69		H	90.020 531 95	+28.125 778 89		1.54	6.63	−17.97	0.84	0.47	0.89	1.18	0.53	−8	+17	+0	+29	−8	−24	−6	−43	+21	−18	0	0.32
28417		06 00 06.05	+27 16 20.5	6.61		G	90.025 193 98	+27.272 370 95		6.60	−11.66	−75.25	0.83	0.51	0.87	0.98	0.54	−5	+28	+5	+8	+2	+3	+4	−46	+1	−3	0	0.63
28418		06 00 06.61	−00 30 27.0	10.64		H	90.027 543 70	−00.507 508 92	B	2.95	−1.91	−0.51	47.91	33.57	1.67	1.92	1.33	+0	+2	−1	−2	+0	−22	−1	−1	−21	−6	4	1.11
28419		06 00 07.49	−38 10 03.3	8.59		H	90.031 193 74	−38.167 583 93		15.69	79.12	−10.10	0.64	0.66	0.78	0.77	0.81	−3	+4	+5	+10	−14	+6	−14	+14	−3	−15	1	−0.95
28420		06 00 07.72	−64 18 36.3	7.09		H	90.032 156 88	−64.310 081 59		3.93	−6.90	29.48	0.51	0.43	0.53	0.54	0.57	−7	+19	+4	−13	−7	−3	−10	−10	−6	−17	0	0.99
28421		06 00 07.84	−00 30 06.4	7.87		G	90.032 652 46	−00.501 788 14	A	2.95	−1.91	−0.51	1.97	1.30	1.67	1.92	1.33	+4	+31	−5	−33	−4	−22	−8	−9	−21	−6	4	1.11
28422		06 00 08.25	−27 02 46.8	9.11		H	90.034 392 56	−27.046 342 10		4.84	6.92	41.28	0.69	0.94	1.23	0.88	1.17	−8	+3	+8	−7	−7	−2	−7	+23	−5	−9	1	−1.16
28423		06 00 08.94	+33 54 29.4	9.42		H	90.037 229 74	+33.908 170 69		1.91	1.29	−3.99	1.31	0.76	1.40	1.83	0.81	−17	+23	−21	+11	+0	−1	+17	−70	+33	+1	0	−0.13
28424		06 00 09.64	+51 04 51.4	6.76		H	90.040 156 82	+51.080 955 54		6.18	0.78	−33.10	0.67	0.46	0.77	0.76	0.48	+40	+26	−6	+26	+24	−3	+23	−7	+7	+44	0	0.25
28425		06 00 09.77	+19 59 27.4	7.89	1	H	90.040 709 98	+19.990 932 48		1.31	−4.40	−4.52	1.04	0.56	1.13	1.17	0.62	+10	+47	+4	−8	−4	+4	−10	−38	−9	−1	0	−0.43
28426		06 00 10.95	−52 10 40.1	9.23		H	90.045 613 48	−52.177 794 59		0.92	7.33	7.04	0.81	0.83	0.90	1.04	1.05	+9	−8	−15	−9	+0	−12	−1	+3	−13	+14	0	−0.13
28427		06 00 11.15	−30 51 51.2	8.22		G	90.046 442 74	−30.864 232 05		8.69	2.51	−3.24	0.53	0.63	0.76	0.62	0.76	−7	+7	−7	+11	−3	+13	−4	+30	−4	−2	0	0.01
28428		06 00 13.82	+04 50 06.7	7.46		H	90.057 581 39	+04.835 193 91		18.69	−60.84	136.49	0.85	0.58	0.96	0.86	0.64	+5	+45	−9	−1	+0	−12	−6	−17	−11	+6	0	0.34
28429		06 00 14.42	+33 08 13.0	6.84		H	90.060 098 78	+33.136 934 91		2.14	−5.38	−0.53	0.86	0.49	0.88	1.02	0.52	−4	+39	−18	+17	−8	+11	+16	−62	+24	+27	0	−0.50
28430		06 00 14.64	−37 36 59.3	8.31		H	90.061 012 70	−37.616 485 65		2.50	−8.14	6.14	0.59	0.63	0.74	0.69	0.73	−3	+7	−5	−15	−6	+8	−5	+16	−11	−7	0	−0.14
28431		06 00 15.01	+15 07 51.9	7.44		G	90.062 521 42	+15.131 080 13		2.09	−0.52	−3.36	0.92	0.56	0.99	0.97	0.64	+16	+44	−12	+1	−8	+4	+1	−26	+7	+42	0	0.76
28432		06 00 15.56	+08 57 22.4	7.95		H	90.064 836 85	+08.956 225 61		5.66	−4.24	−19.65	1.13	0.77	1.20	1.78	0.89	+5	+4	−39	−51	−18	+28	−6	−63	+24	+12	0	−0.20
28433		06 00 17.18	+12 36 41.1	6.80		H	90.071 599 57	+12.611 427 58		7.33	1.13	−11.73	0.86	0.53	0.92	0.95	0.60	+14	+32	−5	−9	+10	+15	+13	−26	+2	+35	0	−1.40
28434		06 00 17.66	−12 53 59.7	6.21	1	H	90.073 598 34	−12.899 911 93		16.70	−6.53	−50.29	0.47	0.41	0.82	0.63	0.55	+6	+24	−8	−5	−28	−20	−41	+25	−47	+47	0	0.52
28435		06 00 17.81	−44 00 20.8	7.32		H	90.074 212 39	−44.005 772 12		5.76	−0.89	−12.23	0.57	0.55	0.62	0.88	0.74	+8	+8	−10	−28	−12	+0	−11	−18	+9	+21	0	−0.33
28436		06 00 18.30	−65 14 59.6	11.04		H	90.076 259 37	−65.249 900 11		6.96	109.15	105.03	1.41	1.04	1.45	1.67	1.55	−14	+22	+9	−10	−3	−2	−11	−27	−19	−21	0	−0.90
28437		06 00 18.58	−66 13 27.1	9.52		H	90.077 432 15	−66.224 206 75		5.62	18.38	−27.52	0.93	0.70	0.91	0.68	0.80	−2	+7	+4	−76	+2	+0	+0	−45	−3	+9	1	0.90
28438		06 00 18.92	+44 35 31.6	6.21		H	90.078 852 66	+44.592 106 90		8.94	−31.17	−38.71	0.74	0.38	0.82	0.74	0.38	+6	+42	−3	+34	+31	+1	+36	−11	+21	+11	0	0.25
28439		06 00 19.06	−61 59 54.5	8.83		G	90.079 408 53	−61.998 477 85		8.46	−39.91	−122.79	0.66	0.67	0.68	0.70	0.75	−17	−7	+6	+16	−6	+2	−5	+9	−12	−15	1	1.21
*28440		06 00 19.38	−80 35 53.1	9.33	2	H	90.080 738 95	−80.598 087 65		3.84	34.99	−3.96	0.76	0.78	0.86	0.90	1.01	−6	+24	+19	−15	+13	−10	+10	−19	−17	−32	0	0.22
*28441		06 00 19.30	−48 26 06.8	8.69		H	90.080 397 06	−48.435 222 62		3.09	−38.88	−38.74	0.77	0.71	0.83	0.95	0.88	−6	+7	−8	+2	+7	−14	+5	+4	−13	+0	0	−0.49
28442	T	06 00 19.80	−31 01 52.2	7.85		G	90.082 513 52	−31.031 180 47		66.82	−378.63	1015.19	32.83	29.70	24.41	35.99	34.64	−24	−3	−1	−82	+20	+17	+20	−78	+0	−23	4	
28443		06 00 20.91	+39 52 38.2	7.57		H	90.087 132 20	+39.877 266 87		0.62	−1.21	−8.19	0.90	0.45	1.00	1.01	0.42	+1	+22	+18	+28	+39	+19	+32	−20	−2	−1	0	0.84
28444		06 00 21.07	+48 14 29.4	7.77		H	90.087 776 53	+48.241 506 16		4.26	−2.01	−3.35	0.75	0.47	0.96	0.89	0.53	+20	+32	+2	+17	+36	−7	+36	−4	+31	+5	0	−1.47
28445		06 00 21.38	+31 25 50.9	9.41		G	90.089 079 87	+31.430 792 99		21.69	138.66	−299.12	1.59	0.87	1.73	2.07	0.90	+11	+46	−3	+15	−15	+29	−13	−67	+10	+3	2	0.14
28446		06 00 22.19	−05 13 25.5	8.47		H	90.092 473 10	−05.223 747 52		3.74	0.53	−4.33	0.97	0.76	1.09	1.07	0.84	−23	+31	−27	−18	−5	−11	−1	−11	+15	−40	0	2.20
28447		06 00 24.28	+16 17 56.3	6.54		G	90.101 165 93	+16.298 978 76		2.98	3.77	−8.68	0.87	0.48	0.98	0.87	0.53	+0	+45	−17	+3	−22	+3	−5	−35	+21	+21	0	0.35
28448		06 00 24.51	+34 30 28.6	6.76		H	90.102 108 89	+34.507 945 69		2.57	4.81	−8.47	0.81	0.62	1.12	1.29	0.73	−3	+8	−50	+5	−27	+17	−2	−77	+62	+21	0	0.69
28449		06 00 24.94	−00 41 01.7	8.19		H	90.103 914 79	−00.683 819 36		2.96	3.82	−5.19	0.93	0.65	1.09	1.06	0.76	−7	+39	−8	−14	+8	−29	−1	−24	−10	−11	0	−1.12
28450	H	06 00 25.97	−37 02 21.3	8.50		G	90.108 202 90	−37.039 256 62	A	11.89	−5.65	−237.61	1.03	1.10	1.09	0.90	1.17	+0	+11	−12	−6	−3	−6	−6	+16	−25	+1	0	−0.74
28451		06 00 26.56	−42 28 31.7	9.22		H	90.110 649 06	−42.475 460 51		7.00	19.42	22.77	0.71	0.75	0.84	0.71	0.83	−2	+10	+1	−6	−11	+14	−12	−9	+4	−10	0	0.78
*28452		06 00 27.15	−60 29 38.9	9.25		H	90.113 105 41	−60.494 130 56		21.97	11.11	−80.27	0.80	0.88	0.87	0.97	1.12	−3	+0	+8	−16	+0	−8	+3	+7	−8	−15	1	3.35
*28453		06 00 27.15	−07 35 23.0	8.36		G	90.113 104 32	−07.589 711 31		3.06	−0.88	−3.04	1.12	0.87	1.26	1.09	0.85	+16	+36	−35	−46	−26	−15	−23	−34	+13	+11	0	−1.14
28454		06 00 27.70	+48 52 51.1	8.67		H	90.115 419 01	+48.880 866 79		2.41	−9.79	−5.59	1.04	0.63	1.24	1.16	0.72	+0	+49	−20	−1	+50	−23	+50	−10	+29	−12	0	−0.48
28455		06 00 28.29	+22 53 59.0	7.04		H	90.117 859 65	+22.899 734 32		6.43	10.63	−13.81	1.14	0.76	1.06	1.37	0.83	+48	+34	−17	−37	−62	+10	−47	−69	+17	+65	0	−0.49
28456		06 00 28.35	+10 13 05.0	9.18	2	H	90.118 116 52	+10.218 059 81		2.54	−1.56	−7.32	1.04	0.67	1.17	1.23	0.77	+0	+32	−17	−8	+0	−12	+0	−24	+2	+13	0	0.36
28457	H	06 00 28.51	−27 53 18.6	8.22		G	90.118 781 79	−27.888 491 50	A	1.03	−6.35	−0.68	0.76	0.87	1.04	0.89	0.92	+5	−3	−1	+4	−11	+8	−8	+18	+0	−19	1	−0.82
*28458		06 00 31.21	−09 51 24.9	9.73		H	90.130 043 64	−09.856 912 88		0.66	0.50	−1.31	1.17	1.04	1.62	1.33	1.18	+26	+6	−17	−17	−23	+21	−18	−7	−22	−17	0	−0.22
*28459		06 00 31.20	−07 28 10.8	7.39		H	90.130 009 79	−07.469 670 29		2.98	−1.76	−19.65	1.12	0.85	1.22	1.09	0.83	+17	+34	−32	−50	−27	−15	−24	−34	+13	+12	0	−0.34
28460		06 00 32.65	−56 09 43.1	8.82		H	90.136 038 97	−56.161 976 23		19.22	125.50	58.04	0.70	0.80	0.79	0.79	0.97	−3	−8	+3	−8	−9	+16	−10	+3	−1	−9	0	0.36
28461		06 00 34.01	−79 13 14.7	9.00		H	90.141 691 54	−79.220 749 47		3.59	−5.69	2.36	0.73	0.82	0.83	0.82	1.05	−8	+11	−7	−3	+7	+0	+8	+1	−7	−13	0	1.51
28462		06 00 34.66	−51 28 04.9	8.12		H	90.144 430 15	−51.468 018 56		13.24	49.27	−9.97	0.61	0.58	0.64	0.67	0.76	+0	+12	−8	−20	+4	−14	+5	+19	+4	−4	1	−0.33
28463		06 00 35.62	−30 05 02.5	8.64		G	90.148 425 38	−30.084 034 52		3.77	18.75	9.42	0.69	0.77	1.01	0.93	0.95	+8	+16	+6	−4	−6	+8	−7	+16	−15	+3	0	1.09
28464		06 00 35.73	−58 06 07.8	6.97		H	90.148 861 47	−58.102 153 80		9.87	8.51	26.90	0.46	0.52	0.50	0.46	0.55	−9	+1	+5	+10	−21	+3	−21	+14	+6	−22	0	1.21
28465		06 00 36.30	−62 48 44.1	8.59		H	90.151 233 86	−62.812 260 92		4.16	2.91	9.09	0.66	0.68	0.69	0.69	0.81	−12	+10	+9	+8	−11	+8	−15	+6	−12	−16	0	1.00
28466		06 00 36.54	−54 41 27.7	8.71		H	90.152 233 41	−54.691 033 10		3.15	−9.32	15.57	0.75	0.80	0.85	0.79	1.10	−2	+10	+2	+16	+0	+21	−2	+9	−16	−6	0	1.19
28467		06 00 36.84	+56 55 23.9	7.46		H	90.153 493 41	+56.923 298 18		2.81	13.73	−9.66	0.73	0.53	0.83	0.89	0.58	+5	+33	−3	−7	+27	−6	+25	+3	+11	+11	0	1.12
28468		06 00 36.85	+59 53 07.0	7.71		H	90.153 541 95	+59.885 283 92		4.27	4.66	−12.08	0.73	0.56	0.92	0.82	0.56	−4	+22	−14	−26	−7	−2	−3	−28	+13	−8	0	1.94
28469		06 00 36.97	+29 00 18.9	7.50		G	90.154 055 92	+29.005 252 27		10.52	19.40	−28.36	0.91	0.54	0.99	1.07	0.57	+6	+34	−17	+5	−17	+7	−4	−50	+21	+20	0	−0.51
28470		06 00 38.16	+49 58 43.7	7.88		H	90.159 016 43	+49.978 809 10		4.58	5.34	−28.82	0.81	0.52	0.98	0.91	0.54	+20	+26	−16	+30	+34	−12	+33	−3	+16	+22	0	0.58
28471		06 00 39.20	−48 03 54.2	9.15		H	90.163 332 25	−48.065 050 73		0.92	−8.87	9.32	0.74	0.67	0.79	0.79	0.88	−4	+26	−11	−13	+8	−16	+6	+5	−3	+2	0	1.07
28472		06 00 41.02	+24 28 25.9	10.56	2	H	90.170 913 42	+24.473 853 16		−3.79	−0.35	−1.50	1.83	1.05	1.98	2.10	1.05	−19	+29	−23	+17	−20	−1	−9	−28	+20	−7	0	1.20
28473		06 00 41.18	+14 57 25.1	8.17		H	90.171 575 11	+14.956 984 51		5.23	−7.51	−19.27	1.01	0.62	1.07	1.06	0.70	+24	+43	−16	−11	−18	−1	−11	−40	+4	+45	0	−0.16
28474		06 00 41.29	−44 53 50.3	9.09		H	90.172 021 27	−44.897 306 87		18.57	17.78	23.63	0.63	0.70	0.75	0.72	0.88	−11	+4	−9	−5	−1	−5	−2	−9	+9	−9	0	−1.35
28475		06 00 41.63	−10 01 37.1	8.62		H	90.173 447 02	−10.026 974 48		1.42	−3.55	7.03	0.96	0.89	1.35	1.11	0.98	+22	+6	−18	−14	−20	+22	−18	−14	−17	−18	0	1.74
28476		06 00 43.30	−02 03 31.4	9.78		H	90.180 396 33	−02.058 710 61		3.75	−3.14	−1.12	1.50	1.14	1.72	1.74	1.33	−18	+40	−18	−39	+20	−30	+12	−46	−2	−19	0	−0.07
28477		06 00 43.47	+32 07 29.4	8.31		H	90.181 135 69	+32.124 828 16		2.39	6.16	−8.29	1.26	0.74	1.33	1.57	0.76	−18	+39	−6	−14	+8	+26	+19	−77	+15	−5	0	−2.73
28478		06 00 43.68	+05 48 10.3	8.42		G	90.182 007 75	+05.802 862 59		5.55	17.28	−6.18	0.99	0.65	1.15	1.16	0.74	−18	+38	−27	+5	−6	−15	−6	−16	+5	−3	0	0.32
28479		06 00 45.73	−03 53 44.4	8.55		H	90.190 550 29	−03.895 662 35		2.71	−5.25	1.41	0.99	0.70	1.17	1.09	0.81	−5	+43	−15	−22	+7	−23	−4	−27	−12	−6	0	0.14
28480		06 00 47.43	−60 53 33.6	8.53		G	90.197 637 45	−60.892 675 33		3.96	−2.09	21.02	0.70	0.69	0.73	0.83	0.89	−9	+8	+5	−5	−2	−10	−2	+10	−9	−14	0	1.38
28481		06 00 47.81	−15 00 10.7	8.38		H	90.199 224 07	−15.002 962 31		4.91	−19.16	−0.41	0.69	0.66	0.94	0.79	0.71	+8	+18	+3	+13	−37	+3	−36	+20	−9	+18	0	−0.39
28482		06 00 48.34	+67 00 50.5	6.88		H	90.201 416 73	+67.014 033 53		5.29	−4.30	−34.28	0.48	0.52	0.73	0.54	0.57	+14	+15	+5	−14	+0	+0	−3	−27	−5	−3	0	−2.16
28483		06 00 48.61	−46 00 46.0	8.90		H	90.202 553 48	−46.012 768 87		7.51	−16.66	13.97	0.70	0.69	0.83	0.79	0.82	−3	+8	+12	−7	+11	+29	+9	−9	+11	−9	3	−0.84
28484		06 00 49.20	−51 12 59.6	5.65		H	90.204 991 38	−51.216 552 76		15.82	−29.72	95.95	0.45	0.44	0.48	0.54	0.57	−3	+0	−16	−13	+5	−1	+6	+9	−9	−6	0	−0.82
28485		06 00 49.33	+02 54 57.6	6.98		H	90.205 533 24	+02.916 005 72		4.28	−10.52	0.95	0.78	0.55	0.89	0.74	0.59	−8	+48	−16	−8	+3	−1	+8	−30	+9	+7	0	1.53
28486		06 00 49.73	−21 08 53.8	8.46		G	90.207 213 31	−21.148 281 76		0.91	−7.51	0.23	0.66	0.69	1.05	0.81	0.81	+18	+5	−7	−21	−36	+2	−33	+5	+0	+14	1	1.07
28487		06 00 50.51	−05 48 27.7	10.61		H	90.210 456 00	−05.807 688 84		3.85	−1.94	−0.25	1.81	1.26	1.99	1.81	1.42	−9	+52	−15	−41	+16	−29	+10	−40	+3	−21	4	−0.55
*28488		06 00 51.21	−21 00 28.3	9.43		H	90.213 385 42	−21.007 862 84	B	−7.45	−4.73	2.90	10.88	12.82	7.32	6.77	6.42	+14	+8	−17	−29	−25	+0	−21	−2	+2	+13	4	1.47
*28489		06 00 51.03	−42 52 13.7	6.58	1	H	90.212 634 00	−42.870 479 53		2.83	−0.93	6.16	0.44	0.44	0.52	0.50	0.49	−5	+3	+0	−3	−10	+20	−10	+1	+3	−8	0	−0.93
28490		06 00 51.28	−76 26 10.9	8.88		H	90.213 663 65	−76.436 361 23		2.79	1.33	−3.88	0.81	0.84	0.86	0.80	1.05	−15	+5	−6	−26	+3	+21	+2	−24	−14	−21	0	0.13
28491		06 00 51.93	−21 00 13.5	8.11		G	90.216 383 47	−21.003 749 23	A	3.99	−3.92	2.34	1.64	1.83	2.10	1.87	1.92	+13	+12	−20	−28	−26	−1	−23	+0	−2	+12	4	1.47
28492		06 00 52.71	−48 58 47.7	8.88		H	90.219 623 92	−48.979 921 26		6.89	−6.77	21.54	0.74	0.73	0.80	0.87	0.81	−12	+20	−14	+7	−14	+1	−13	+13	−2	−17	0	−0.47
28493		06 00 53.54	+51 05 22.8	8.07		H	90.223 069 46	+51.089 678 54		−0.59	−5.55	−0.42	0.84	0.57	0.97	0.96	0.60	+36	+25	−1	+16	+24	−5	+23	−10	+5	+40	0	−0.08
28494		06 00 53.99	+21 01 18.7	10.02		H	90.224 974 02	+21.021 869 58		31.56	−35.03	−361.03	1.86	1.01	2.08	1.70	0.99	−13	+52	−22	−8	−9	+13	−1	−42	+2	+12	0	−0.89
28495		06 00 54.54	+19 48 50.9	8.62		H	90.227 267 69	+19.814 142 92		3.80	−6.80	−14.94	1.20	0.73	1.41	1.45	0.80	+1	+28	−25	−13	−9	+34	+3	−33	+13	+30	0	0.28
28496		06 00 54.73	−34 13 28.4	9.55		G	90.228 025 24	−34.224 564 69		8.47	117.90	−155.69	0.76	0.88	1.06	0.78	0.97	−10	+21	−15	−15	−3	+11	−5	+1	−10	−4	0	0.32
*28497		06 00 55.34	+17 53 24.9	8.18		G	90.230 578 85	+17.890 243 13		1.15	3.14	−2.55	1.08	0.65	1.09	1.18	0.70	+35	+32	−3	−29	−31	+14	−27	−48	+5	+43	0	−1.07
*28498		06 00 55.33	−54 57 04.9	7.40		H	90.230 561 50	−54.951 365 55		17.92	20.38	11.09	0.59	0.62	0.66	0.63	0.86	−1	+5	+3	+17	+1	+17	+1	−2	−17	−4	0	1.52
28499		06 00 58.56	+47 54 07.1	5.71	1	H	90.243 994 72	+47.901 974 32		3.19	3.02	−21.03	0.59	0.37	0.74	0.69	0.42	+27	+28	−3	+26	+41	−6	+39	+4	+28	+10	0	−0.72
28500		06 01 00.45	+27 34 20.5	6.04	1	H	90.251 891 36	+27.572 367 00		0.70	0.53	−1.89	0.80	0.48	0.84	1.04	0.53	+0	+23	+3	+23	−6	−16	−5	−34	+12	−10	0	1.89

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
28401											T *	12.0144	0.0076	0.077	128 *		11.83	12.16		D	05599−2957	H 1	2 C B	AB	166	0.419	0.026	0.87	0.16	G
28402	9.745	0.018	9.336	0.019 *		0.387	0.024	T	0.45	0.03	L *	9.3723	0.0015	0.016	147 *		9.34	9.40		C	05599+3011	H 1	2 C S C	AB	191	0.105	0.028	1.19	1.12	
28403	9.361	0.015	8.680	0.013		0.626	0.009	G	0.70	0.02	A	8.7382	0.0015	0.016	123		8.71	8.77		C	05599−3703	I 1	1							
28404	6.487	0.006	4.525	0.005		1.701	0.014	G	2.51	0.03	C	4.3115	0.0034	0.045	98		4.25	4.36		U 2			1 S							S
28405	10.698	0.034	9.055	0.014		1.375	0.029	T	1.35	0.04	L	9.0387	0.0016	0.019	159		9.01	9.07					1 S							
28406	9.282	0.016	8.879	0.017		0.367	0.015	G	0.43	0.02	H	8.9503	0.0020	0.017	102		8.92	8.98		C			1							
28407	9.265	0.013	8.090	0.008		1.008	0.012	T	0.98	0.01	L	8.1573	0.0018	0.018	148		8.13	8.19					1							
28408	9.231	0.012	8.831	0.013		0.391	0.015	T	0.46	0.02	L	8.9024	0.0025	0.021	129		8.86	8.94					1							
28409	8.620	0.013	6.782	0.006		1.529	0.011	T	1.57	0.02	L	6.7672	0.0010	0.009	82		6.75	6.78					1							S
28410	9.637	0.015	9.141	0.015		0.466	0.019	T	0.54	0.02	L	9.1876	0.0013	0.012	147		9.17	9.21					1							
28411	9.459	0.017	8.882	0.016		0.542	0.017	T	0.62	0.02	L	8.9385	0.0013	0.013	121		8.92	8.96		C			1							
28412	8.865	0.010	7.794	0.007		0.927	0.009	T	0.92	0.01	L	7.8554	0.0011	0.014	153		7.83	7.88					1							S
28413	6.110	0.004	4.670	0.002		1.202	0.042	G	1.26	0.02	A	4.6893	0.0007	0.005	77		4.68	4.70		C			1							S
28414	8.835	0.016	8.667	0.018		0.161	0.023	T	0.18	0.02	L	8.6933	0.0024	0.015	66		8.67	8.72					1							
28415	10.156	0.025	8.819	0.015	A	1.134	0.023	T	1.10	0.02	L	8.8425	0.0155	0.025	111	A	8.80	8.88		U	06001+5126	H 1	2 C D	AB	251	17.040	0.082	3.19	0.28	D
28416	8.842	0.011	6.872	0.005		1.634	0.010	T	1.66	0.01	L	6.7971	0.0012	0.011	123		6.78	6.81		R			1							S
28417	7.932	0.007	6.724	0.006		1.022	0.006	G	1.10	0.06	F	6.7792	0.0008	0.009	109		6.76	6.80					1							S
28418											T	11.3454	0.3978			B				D	06001−0030	I 2	1 C F B							
28419	9.328	0.015	8.665	0.013		0.605	0.015	T	0.67	0.01	L	8.7172	0.0015	0.016	125		8.70	8.75					1							
28420	8.378	0.010	7.205	0.006		1.006	0.009	T	0.98	0.01	L	7.2567	0.0008	0.009	121		7.24	7.27					1							S
28421	7.849	0.010	7.865	0.010	A	0.052	0.015	G	0.06	0.01	H	7.8654	0.0222	0.010	76	A	7.85	7.89		D	06001−0030	I 2	1 C P B							S
28422	9.382	0.014	9.109	0.015		0.260	0.019	T	0.29	0.02	L	9.1796	0.0025	0.030	152		9.14	9.23					1							S
28423	9.516	0.017	9.441	0.022		0.061	0.001	G	0.07	0.00	H	9.4470	0.0018	0.015	124		9.42	9.47					1							G
28424	6.812	0.005	6.767	0.005		0.046	0.007	T	0.06	0.01	L	6.7870	0.0010	0.007	118		6.77	6.80		C			1							S
28425	7.732	0.010	7.861	0.012		−0.112	0.014	T	−0.10	0.02	L	7.8530	0.0017	0.014	86		7.83	7.88		M			1							S
28426	11.285	0.064	9.434	0.023		1.539	0.054	T	1.59	0.12	L	9.3541	0.0032	0.026	103		9.31	9.40					1							
28427	8.716	0.009	8.269	0.009		0.445	0.001	G	0.51	0.00	H	8.3139	0.0012	0.013	155		8.29	8.33		C			1							S
28428	8.215	0.011	7.530	0.010		0.639	0.015	G	0.70	0.01	H	7.5945	0.0016	0.012	82		7.57	7.62					1							S
28429	7.070	0.004	6.876	0.004		0.186	0.005	T	0.20	0.01	L	6.9076	0.0007	0.007	138		6.90	6.92		C			1							S
28430	9.887	0.022	8.445	0.012		1.216	0.020	T	1.18	0.02	L	8.4708	0.0015	0.013	117		8.45	8.49		C			1							
28431	9.615	0.021	7.645	0.009		1.491	0.015	G	1.51	0.02	H	7.5920	0.0013	0.011	88		7.57	7.61					1							
28432	8.395	0.018	7.977	0.017		0.371	0.001	G	0.43	0.00	H	8.0381	0.0011	0.008	67		8.02	8.05		C			1							S
28433	6.739	0.006	6.791	0.007		−0.043	0.008	T	−0.02	0.01	L	6.7925	0.0008	0.007	80		6.78	6.81		D			1							S
28434	6.619	0.003	6.241	0.003		0.358	0.004	T	0.42	0.00	L	6.2918	0.0009	0.009	181		6.28	6.31	0.82	P 1 A			1							S
28435	7.581	0.007	7.345	0.009		0.220	0.011	T	0.24	0.01	L	7.3822	0.0012	0.009	112		7.36	7.40		C			1 G							S
28436	11.735	0.108	10.947	0.088		0.715	0.108	T	0.77	0.09	L	11.1804	0.0041	0.041	107		11.12	11.25					1							G
28437	10.018	0.027	9.553	0.026		0.451	0.029	T	0.52	0.03	L	9.6165	0.0020	0.022	99		9.57	9.65					1 S							
28438	7.714	0.007	6.355	0.004		1.128	0.004	G	1.09	0.00	H	6.3802	0.0006	0.007	128		6.37	6.39			06003+4436	I 1	1							S
28439	9.358	0.018	8.889	0.017		0.491	0.015	G	0.56	0.02	H	8.9330	0.0017	0.014	103		8.91	8.96					1							
28440	9.851	0.022	9.372	0.022		0.463	0.024	T	0.53	0.03	L	9.4307	0.0119	0.077	94		9.34	9.54	0.46	P 1 A			1							P
28441	10.015	0.023	8.796	0.014		1.042	0.021	T	1.01	0.02	L	8.8525	0.0017	0.018	119		8.82	8.88		C			1							
28442	9.741	0.033	8.671	0.023		1.137	0.008	G	1.23	0.01	I	7.9975	0.0021	0.015	76		7.97	8.02		D	06003−3103	I 1	1 X S							
28443	8.899	0.009	7.676	0.006		1.045	0.008	T	1.02	0.01	L	7.7328	0.0013	0.012	160		7.71	7.75		C			1							S
28444	7.930	0.009	7.784	0.008		0.140	0.011	T	0.15	0.01	L	7.8229	0.0011	0.012	140		7.80	7.84		C			1							
28445	10.566	0.032	9.505	0.020		0.930	0.015	G	0.98	0.02	I	9.5567	0.0018	0.020	138		9.52	9.59		C			1							G
28446	8.712	0.013	8.493	0.014		0.209	0.018	T	0.23	0.02	L	8.5396	0.0021	0.013	80		8.52	8.57					1							
28447	8.567	0.012	6.702	0.006		1.540	0.015	G	1.59	0.03	H	6.6924	0.0010	0.007	79		6.68	6.71		C			1							S
28448	7.965	0.006	6.867	0.005		0.948	0.006	T	0.94	0.00	L	6.9216	0.0006	0.006	131		6.91	6.93		C			1							S
28449	8.250	0.011	8.198	0.013		0.047	0.015	T	0.06	0.01	L	8.1220	0.0016	0.013	74		8.20	8.24		C			1							
28450	9.165	0.013	8.601	0.012	*	0.555	0.010	G	0.63	0.01	H *	8.6197	0.0018	0.013	122	*	8.60	8.64		D	06004−3702	H 1	2 C A	AB	270	0.568	0.009	2.59	0.05	
28451	9.814	0.023	9.284	0.022		0.506	0.024	T	0.58	0.03	L	9.3266	0.0020	0.019	121		9.30	9.36		C			1							
28452	10.323	0.028	9.382	0.020		0.817	0.027	T	0.84	0.02	L	9.3920	0.0028	0.022	109		9.35	9.43					1							
28453	8.264	0.012	8.349	0.015		−0.083	0.004	G	−0.06	0.01	H	8.3394	0.0024	0.014	69		8.31	8.36					1							
28454	8.853	0.013	8.679	0.015		0.167	0.019	T	0.18	0.02	L	8.7262	0.0024	0.016	108		8.70	8.75					1							
28455	7.176	0.005	7.061	0.007		0.111	0.008	T	0.12	0.01	L	7.0881	0.0011	0.010	81		7.07	7.10					1							S
28456	9.469	0.018	9.217	0.021		0.240	0.026	T	0.27	0.03	L	9.2490	0.0032	0.024	89		9.21	9.29		P 1 A			1							
28457	8.231	0.008	8.212	0.010	*	−0.009	0.003	G	0.01	0.00	H *	8.2124	0.0019	0.015	142	*	8.19	8.24			06005−2753	H 1	2 C A	AB	231	0.665	0.010	2.77	0.05	S
28458	9.896	0.033	9.728	0.041		0.161	0.049	T	0.18	0.05	L	9.7912	0.0036	0.024	80		9.76	9.83		C			1							G
28459	9.038	0.017	7.522	0.009		1.260	0.020	G	1.22	0.02	H	7.5450	0.0019	0.010	64		7.53	7.57		C			1							S
28460	9.563	0.017	8.874	0.015		0.624	0.017	T	0.69	0.01	L	8.9532	0.0018	0.015	106		8.93	8.98					1							
28461	10.775	0.049	9.192	0.021		1.327	0.042	T	1.29	0.05	L	9.1559	0.0020	0.018	106		9.13	9.19					1							
28462	8.709	0.010	8.183	0.009		0.502	0.010	T	0.57	0.01	L	8.2338	0.0012	0.010	128		8.21	8.26		C			1							S
28463	10.192	0.023	8.772	0.012		1.200	0.015	G	1.16	0.01	H	8.8330	0.0018	0.017	139		8.81	8.86		C			1							
28464	7.094	0.004	6.970	0.005		0.098	0.012	G	0.10	0.02	A	7.0019	0.0009	0.007	107		6.99	7.02		C			1							S
28465	9.214	0.015	8.643	0.013		0.537	0.015	T	0.61	0.02	L	8.7060	0.0016	0.014	104		8.68	8.73		C			1							
28466	10.284	0.028	8.832	0.015		1.224	0.025	T	1.18	0.03	L	8.8722	0.0020	0.016	104		8.84	8.90		C			1							
28467	9.329	0.018	7.604	0.009		1.439	0.016	T	1.43	0.03	L	7.6004	0.0008	0.011	98		7.58	7.63					1							S
28468	9.778	0.018	7.882	0.008		1.575	0.016	T	1.59	0.02	L	7.8268	0.0019	0.016	137		7.80	7.85					1							
28469	7.926	0.007	7.537	0.008		0.368	0.010	T	0.43	0.01	L	7.5926	0.0011	0.010	115		7.58	7.61		C			1							S
28470	8.166	0.008	7.911	0.011		0.243	0.013	T	0.27	0.02	L	7.9536	0.0011	0.011	118		7.94	7.98					1							S
28471	9.007	0.013	9.121	0.017		−0.116	0.004	G	−0.10	0.01	H	9.1185	0.0028	0.021	126		9.08	9.15					1							
28472	11.087	0.070	10.512	0.067		0.537	0.086	T	0.61	0.09	L	10.6923	0.0045	0.042	97		10.62	10.77		P 1 A			1 S							G
28473	8.448	0.011	8.187	0.012		0.249	0.015	T	0.28	0.02	L	8.2375	0.0011	0.011	86		8.22	8.25		C			1							
28474	9.968	0.022	9.176	0.018		0.702	0.022	T	0.76	0.02	L	9.2249	0.0022	0.022	108		9.19	9.26					1							
28475	9.915	0.025	8.755	0.016		0.996	0.023	T	0.97	0.02	L	8.7780	0.0043	0.029	76		8.73	8.84		R			1							
28476	9.941	0.033	9.770	0.040		0.164	0.049	T	0.18	0.05	L	9.8357	0.0048	0.029	65		9.80	9.90			06007−0204	I 1	1							G
28477	10.539	0.037	8.507	0.012		1.720	0.032	T	2.02	0.08	O	8.3939	0.0015	0.013	127		8.37	8.41		C			1							
28478	8.886	0.016	8.463	0.016		0.417	0.015	G	0.48	0.02	H	8.5181	0.0015	0.012	74		8.50	8.55					1							
28479	8.603	0.013	8.562	0.015		0.043	0.018	T	0.06	0.01	L	8.5661	0.0018	0.013	66		8.54	8.59		C			1							
28480	8.614	0.011	8.525	0.013		0.065	0.002	G	0.07	0.00	H	8.5598	0.0016	0.015	108		8.53	8.59					1							
28481	9.676	0.017	8.504	0.011		1.005	0.016	T	0.98	0.01	L	8.5507	0.0013	0.015	132		8.53	8.58		C			1							
28482	7.108	0.004	6.907	0.005		0.192	0.006	T	0.21	0.01	L	6.9438	0.0011	0.011	144		6.93	6.96					1							S
28483	9.399	0.016	8.963	0.017		0.425	0.019	T	0.49	0.02	L	8.9946	0.0018	0.017	107		8.96	9.02		C			1							
28484	5.907	0.003	5.684	0.003		0.207	0.004	T	0.23	0.01	L	5.7164	0.0005	0.005	117		5.71	5.72		C			1							S
28485	8.119	0.013	7.089	0.007		0.897	0.011	T	0.90	0.01	L	7.1421	0.0011	0.007	68		7.13	7.16		C			1							S
28486	8.373	0.007	8.450	0.010		−0.074	0.002	G	−0.05	0.00	H	8.4378	0.0012	0.015	159		8.41	8.46		C			1							
28487	10.947	0.054	10.641	0.067		0.291	0.081	T	0.33	0.11	L	10.6879	0.0036	0.026	67		10.63	10.74					1							G
28488	9.680	0.019	9.258	0.021	B	0.399	0.026	T	0.46	0.03	L	9.3975	0.0367			B				D	06009−2100	I 2	1 C I A							
28489	6.369	0.003	6.546	0.004		−0.159	0.002	G	−0.16	0.00	H	6.5225	0.0019	0.016	133		6.50	6.54	1.38	P 1 A			1							S P
28490	10.363	0.032	8.988	0.017		1.164	0.028	T	1.13	0.03	L	9.0403	0.0023	0.016	92		9.01	9.07		C			1							
28491	8.307	0.007	8.094	0.008	A	0.182	0.015	G	0.20	0.02	H	8.1659	0.0142	0.070	153	A	8.07	8.26		D	06009−2100	I 2	1 C P A							S
28492	9.417	0.015	8.931	0.014		0.469	0.016	T	0.54	0.02	L	8.9810	0.0021	0.019	128		8.94	9.01					1							
28493	10.435	0.033	8.316	0.012		1.752	0.028	T	1.78	0.03	L	8.1667	0.0021	0.017	114		8.15	8.20		R			1 S							
28494	11.655	0.109	10.206	0.053		1.230	0.040	G	1.39	0.04	I	10.1410	0.0030	0.027	84		10.10	10.18					1							G
28495	8.870	0.016	8.660	0.019		0.201	0.023	T	0.22	0.03	L	8.6893	0.0025	0.015	87		8.66	8.73					1							
28496	10.248	0.026	9.593	0.023		0.583	0.003	G	0.65	0.00	H	9.6702	0.0017	0.017	128		9.64	9.70		C			1							
28497	9.415	0.023	8.288	0.015		0.980	0.020	G	0.96	0.02	H	8.3251	0.0017	0.012	83		8.30	8.34		C			1							
28498	7.925	0.008	7.446	0.009		0.465	0.004	G	0.54	0.00	H	7.5034	0.0014	0.014	79		7.48	7.52					1							S
28499	5.696	0.003	5.709	0.003		−0.007	0.004	T	0.01	0.00	L	5.7169	0.0013	0.011	159		5.70	5.74		U 2			1							S
28500	6.307	0.004	6.079	0.003		0.218	0.005	T	0.24	0.01	L	6.1075	0.0024	0.014	102		6.08	6.13		U 2	06010+2734	I 1	1							S

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion μα* mas/yr 12	μδ 13	Standard Errors α* mas 14	δ 15	π mas 16	μα* mas/yr 17	μδ 18	Astrometric Correlations (%) δ α* 19	π α* 20	π δ 21	μα* α* 22	μα* δ 23	μα* π 24	μδ α* 25	μδ δ 26	μδ π 27	μδ μα* 28	Soln F1 % 29	F2 30
28501		06 01 01.30	+10 24 05.4	8.57		H	90.255 399 47	+10.401 506 71		1.84	1.51	−0.68	0.96	0.61	1.09	1.10	0.70	−7	+40	−22	−1	+2	−11	+3	−27	+4	+10	0	1.44
28502		06 01 01.34	+32 13 31.8	9.69		H	90.255 585 58	+32.225 488 06		20.33	29.06	−174.05	1.79	0.95	1.90	1.94	0.99	−31	+57	−31	−6	+4	+12	+32	−77	+39	−4	2	0.34
28503		06 01 02.57	+41 18 04.3	9.47		H	90.260 726 14	+41.301 189 16		6.05	−55.89	−0.95	1.25	0.59	1.48	1.43	0.61	−19	+35	+4	+23	+29	−7	+25	−10	+26	−39	2	1.11
28504	H	06 01 03.11	−37 04 17.8	7.10		H	90.262 971 57	−37.071 607 28	A	3.57	13.40	2.52	0.64	0.72	0.77	0.66	0.84	−8	+18	+1	−9	−10	−10	−15	+7	−9	−4	1	0.48
28505		06 01 04.90	−24 05 42.9	8.70		H	90.270 427 45	−24.095 243 20		2.71	−4.25	−1.12	0.42	0.69	0.97	0.60	0.85	−2	+2	−12	+12	−10	+8	−8	+2	+3	−5	0	−0.03
28506	H	06 01 04.95	+35 15 32.0	8.06		G	90.270 634 05	+35.258 891 29	A	4.30	−8.95	−11.86	1.44	1.08	1.28	1.56	0.71	−15	+30	−30	+20	−10	+23	+15	−43	+45	+9	1	0.34
28507		06 01 05.42	−63 43 48.1	8.46		H	90.272 593 21	−63.730 029 89		2.39	21.56	12.95	0.69	0.64	0.73	0.75	0.89	−1	+18	+4	−12	−10	−11	−14	−16	−7	−13	0	1.81
28508		06 01 05.55	−43 54 11.4	7.69		G	90.273 106 73	−43.903 163 03		10.92	37.98	22.39	0.58	0.56	0.66	0.63	0.70	−4	−1	−9	−18	+1	+13	+1	−2	+6	+6	0	−0.23
28509		06 01 05.62	+16 59 29.3	7.69		G	90.273 432 56	+16.991 480 03		4.58	−11.06	−12.08	1.05	0.67	1.08	1.32	0.76	+38	+12	−23	−35	−42	+30	−32	−53	+25	+55	0	−0.16
28510		06 01 05.87	+23 20 20.4	8.23		H	90.274 455 19	+23.339 000 52		1.83	1.80	−1.47	1.66	1.09	1.61	1.86	1.15	+43	+38	−24	−40	−65	+20	−46	−74	+20	+68	0	0.53
28511		06 01 06.24	+41 56 19.0	7.49		G	90.275 994 95	+41.938 618 95		10.09	−10.15	−65.08	0.75	0.40	0.91	0.89	0.43	+4	+31	+8	+26	+11	−3	+11	−10	+24	−15	2	0.46
28512		06 01 06.43	−57 47 02.9	8.81		H	90.276 808 03	−57.784 151 47		2.53	4.05	8.04	0.70	0.76	0.76	0.73	0.88	−3	+5	+0	−9	−9	−12	−10	−9	+7	−25	0	1.24
28513		06 01 07.65	+23 18 17.5	7.37	1	H	90.281 878 01	+23.304 862 54		2.28	2.29	−1.79	1.23	0.85	1.15	1.42	0.91	+49	+34	−21	−42	−66	+19	−49	−75	+19	+72	0	0.83
28514		06 01 08.16	+62 19 00.3	8.07		H	90.284 016 29	+62.316 755 98		4.11	−4.90	−1.87	0.73	0.59	1.01	0.88	0.65	−3	+13	−11	−11	−6	−23	−3	−7	+31	−26	0	−2.41
28515		06 01 08.97	−36 28 08.1	7.70		H	90.287 368 10	−36.468 909 80		3.95	−6.49	−2.07	0.50	0.53	0.66	0.54	0.62	+0	+14	−9	+12	−8	+22	−8	+18	−16	−6	0	−0.13
28516		06 01 09.55	−31 43 35.4	8.46		H	90.289 808 82	−31.726 499 11		10.57	−6.96	5.54	0.59	0.67	0.84	0.71	0.74	−5	+19	−20	+0	−11	+15	−8	+10	−8	−11	0	0.75
28517		06 01 10.06	+31 02 04.3	6.18		H	90.291 898 35	+31.034 516 77		12.71	−18.74	0.03	0.95	0.49	1.00	1.15	0.53	−11	+45	−23	+30	−19	+18	+2	−53	+25	+8	0	−1.40
28518		06 01 10.42	−38 16 24.6	9.04		H	90.293 412 46	−38.273 488 49		18.55	−14.62	−78.09	0.73	0.72	0.87	0.87	0.84	+4	+8	−2	+20	−10	+11	−11	+4	−8	−2	2	−0.06
28519		06 01 10.54	+19 25 13.7	7.45	2	H	90.293 910 32	+19.420 464 36		2.59	−4.07	−12.32	0.95	0.57	1.12	1.15	0.62	+0	+31	−22	−10	−17	+36	−4	−40	+12	+21	0	1.25
28520		06 01 13.11	−25 25 03.8	6.04		G	90.304 605 00	−25.417 712 38		8.99	−12.13	−20.70	0.35	0.45	0.62	0.42	0.50	+1	+14	−22	−2	−3	+10	−1	−11	+4	−6	0	1.56
28521		06 01 14.64	−60 29 08.3	6.93		H	90.311 015 18	−60.485 634 39		5.75	19.67	6.65	0.52	0.52	0.54	0.64	0.65	−9	+0	+3	−5	+2	−7	+4	+6	−3	−20	0	1.68
28522		06 01 14.79	+06 37 33.7	8.79		H	90.311 612 29	+06.626 023 49		3.55	−1.50	−2.93	1.04	0.77	1.15	1.33	0.90	+9	+17	−27	+6	+10	−13	+7	−9	−1	+16	0	0.31
28523		06 01 15.10	+65 31 32.0	6.61	1	H	90.312 914 08	+65.525 545 08		6.79	7.64	−54.79	0.42	0.45	0.72	0.50	0.49	+19	+15	−2	−13	−7	+3	−8	−24	+7	−3	0	0.08
28524		06 01 16.29	−33 54 42.4	5.54	1	H	90.317 892 13	−33.911 771 31		5.87	5.44	−26.39	0.39	0.44	0.55	0.41	0.48	−3	+13	−22	+5	−15	+24	−12	+18	−12	−2	2	1.91
28525		06 01 16.63	−79 52 18.4	8.69		H	90.319 305 73	−79.871 782 29		13.79	0.45	37.18	0.77	0.99	0.82	0.99	1.45	−30	+23	−20	−32	+44	−27	+32	−49	+6	−54	2	0.26
28526		06 01 17.34	+09 04 20.7	7.26		H	90.322 257 29	+09.072 429 14		3.46	−11.15	1.88	0.96	0.66	0.99	1.51	0.81	+35	+0	−31	−40	−43	+15	−37	−54	+20	+42	0	0.79
28527		06 01 17.57	+45 09 37.8	7.67		H	90.323 203 93	+45.160 491 39		3.74	−3.35	−8.43	0.87	0.46	0.95	0.94	0.48	−2	+40	−16	+34	+29	−5	+31	−8	+26	−2	0	1.83
28528		06 01 18.26	+27 16 53.9	9.09		H	90.326 081 28	+27.281 626 13		10.80	−8.27	−119.89	1.22	0.78	1.32	1.63	0.87	−2	+21	−4	+3	−14	−4	−5	−53	+18	+3	0	−1.81
28529		06 01 19.27	−70 00 47.9	8.13	1	H	90.330 292 64	−70.013 307 66		4.95	43.44	110.61	0.66	0.62	0.66	0.68	0.77	−10	+18	+0	−16	+7	+3	+15	+11	+7	−30	3	0.59
28530		06 01 19.81	+49 29 24.0	8.06		G	90.332 536 24	+49.489 998 40		10.26	−8.86	−67.72	0.93	0.58	1.02	1.04	0.60	+29	+32	−8	+36	+41	−3	+37	+9	+11	+27	0	−1.00
28531		06 01 20.00	+46 34 49.2	8.82		H	90.333 332 01	+46.580 322 94		3.10	9.91	−12.22	0.97	0.62	1.22	1.25	0.70	+17	+21	+4	+11	+26	+4	+23	−11	+19	+2	4	−0.83
28532		06 01 20.17	+85 10 55.6	6.17	1	H	90.334 047 42	+85.182 118 09		2.44	14.66	−1.89	0.42	0.45	0.53	0.47	0.57	+0	+0	+5	+11	+0	−4	+0	−1	+9	+0	0	1.61
28533		06 01 20.34	−13 01 35.9	7.73		H	90.334 743 79	−13.026 649 63		3.65	−1.75	10.68	0.60	0.53	0.99	0.89	0.78	+8	+27	−7	+3	−15	−20	−29	+26	−42	+57	0	2.28
28534		06 01 20.88	+18 57 40.7	7.22		H	90.336 991 84	+18.961 317 20		8.34	−11.77	−16.72	0.90	0.54	0.99	1.08	0.61	+0	+36	−21	+10	−13	+10	−4	−32	+14	+11	0	0.42
28535	H	06 01 24.67	−07 45 22.3	9.79		H	90.352 809 80	−07.756 186 53	A	1.68	1.86	5.04	3.51	3.12	4.27	3.24	2.75	−1	+34	−43	−33	−8	−12	−8	−24	+16	+2	0	−0.82
28536		06 01 25.36	+01 54 58.6	8.55		H	90.355 676 68	+01.916 274 94		4.00	−2.61	−9.25	1.19	0.88	1.36	1.06	0.95	+13	+51	+1	−32	−15	−22	−14	−53	−3	+20	0	1.93
28537		06 01 28.06	+23 08 27.5	9.68	3	H	90.366 911 95	+23.140 982 99		10.53	5.59	−1.85	2.52	1.37	2.47	2.46	1.50	+34	+60	−13	−38	−58	+5	−39	−66	+7	+65	12	2.01
28538		06 01 29.02	+13 07 53.7	7.78		H	90.370 910 67	+13.131 594 53		1.93	−5.65	−10.50	0.93	0.58	1.03	1.03	0.65	−11	+32	−13	−15	+12	+13	+18	−36	+13	+4	5	−0.09
28539		06 01 29.43	−18 17 19.9	8.60		H	90.372 644 63	−18.288 857 24		3.66	−0.40	−23.37	0.84	0.78	1.24	1.09	1.01	−8	+29	+10	+28	−56	+6	−59	−3	−10	−14	0	0.46
28540		06 01 30.36	+04 54 46.4	9.06		H	90.376 516 24	+04.912 884 80		2.45	−8.52	−6.17	1.02	0.76	1.14	1.13	0.84	+16	+33	−24	−21	−11	−10	−10	−41	+13	+17	0	−1.43
28541		06 01 30.86	+21 27 37.6	10.37		H	90.378 573 96	+21.460 457 33		−3.76	2.00	−7.90	1.91	1.10	2.06	2.06	1.15	+1	+40	−8	−4	−23	+7	−16	−34	+0	+15	0	0.38
28542		06 01 31.25	+02 54 33.4	7.19		H	90.380 224 21	+02.909 285 95		6.62	−20.03	−10.91	0.81	0.57	0.93	0.79	0.64	−5	+47	−16	−7	−1	−3	+3	−29	+10	+1	0	0.33
28543		06 01 31.34	+03 11 11.5	7.19		H	90.380 567 31	+03.186 533 50		3.72	1.29	−8.26	0.86	0.57	0.92	0.90	0.67	−2	+47	−4	+22	−9	+3	−11	−8	+1	−11	2	−0.08
28544		06 01 32.33	+03 10 41.2	9.83		H	90.384 709 64	+03.178 118 07		2.27	1.47	−9.74	1.93	1.45	2.15	2.30	1.74	−11	+29	−25	+16	−8	+0	−10	−16	+4	−15	0	0.21
28545		06 01 32.55	−55 47 01.2	9.03		H	90.385 631 32	−55.783 669 95		2.15	7.82	−14.72	0.87	0.91	0.92	1.02	1.23	−5	−2	−4	−14	−12	+12	−15	−22	+5	−12	0	1.55
28546		06 01 33.25	−46 39 55.7	11.09		G	90.388 560 85	−46.665 476 09		0.87	3.16	3.04	1.21	1.28	1.37	1.53	1.58	−9	+4	−4	−3	−1	+5	−2	−16	−6	−17	0	0.36
28547		06 01 34.19	−16 23 55.7	7.10		H	90.392 439 82	−16.398 802 24		3.89	12.71	9.22	0.59	0.56	0.82	0.76	0.64	−3	+9	−13	+0	−57	+22	−51	−5	+7	+20	1	−1.36
28548		06 01 34.95	+25 29 17.7	8.97		G	90.395 642 92	+25.488 246 80		1.87	−1.57	−18.86	1.30	0.74	1.37	1.31	0.73	−31	+48	−23	−8	+11	−5	+16	−46	+9	−16	0	−1.63
28549	T	06 01 37.22	+36 30 55.9	7.66	2	H	90.405 088 08	+36.515 529 60		−22.30	0.44	−26.50	13.62	9.47	14.90	19.87	10.48	+0	+20	−2	−8	+2	+16	+4	−69	+21	+1	0	
28550		06 01 37.48	−11 02 18.7	9.04		H	90.406 156 78	−11.038 532 44		1.33	−4.04	21.67	0.99	0.96	1.39	1.16	1.27	+17	+9	−7	−21	−18	+4	−16	−7	−30	−21	0	2.14
28551		06 01 38.41	−40 15 53.7	9.89		H	90.410 045 57	−40.264 907 14		5.78	7.76	79.11	0.90	0.94	1.07	0.99	1.13	+0	+9	+2	−2	−8	−11	−8	+4	−4	−9	0	0.71
28552		06 01 38.76	−49 05 06.3	8.29		H	90.411 508 71	−49.085 094 11		3.03	−2.31	7.04	0.65	0.64	0.71	0.74	0.70	−4	+19	−7	−1	−11	+9	−9	−4	+3	−13	0	−0.53
28553		06 01 39.23	−15 35 21.3	6.66		H	90.413 438 41	−15.589 253 02		2.77	−2.62	−14.06	0.54	0.51	0.73	0.63	0.56	+7	+14	−7	+18	−38	+10	−35	+13	−3	+24	2	−0.13
*28554		06 01 39.53	−40 08 12.7	9.33		H	90.414 698 45	−40.136 865 46		0.41	17.84	11.70	0.74	0.79	0.89	0.77	0.95	+0	+4	+0	−5	−5	−3	−6	+2	−8	−4	0	−0.21
*28555		06 01 39.52	+21 08 12.9	9.94		H	90.414 680 74	+21.136 917 75		−0.02	−6.93	−9.11	1.71	0.96	1.89	1.77	1.00	−4	+45	−18	+0	−13	+4	−7	−35	+4	+12	0	−1.81
28556		06 01 39.73	+16 56 02.9	7.34		H	90.415 538 92	+16.934 142 82		4.30	−6.31	−2.90	0.92	0.56	1.03	1.04	0.62	+12	+33	−16	−15	−17	+21	−5	−43	+16	+32	0	0.61
*28557	H	06 01 39.82	−35 02 37.6	7.17		H	90.415 918 66	−35.043 784 33	*	3.27	−7.51	13.64	0.84	0.98	0.76	0.66	0.74	+18	+23	−5	−3	+8	+11	+8	+26	−10	+16	4	0.91
*28558		06 01 39.82	+10 54 39.7	10.09	3	H	90.415 913 98	+10.911 020 90		5.34	−2.46	−6.93	1.56	0.90	1.73	1.86	1.09	−18	+53	−24	−8	+0	−9	−3	−29	+2	−21	0	−0.76
28559		06 01 40.69	−74 07 59.2	8.01		H	90.419 548 38	−74.133 103 46		4.10	12.89	11.33	0.65	0.71	0.73	0.61	0.78	−2	+27	+0	−7	−1	+12	−3	−14	−4	−15	1	1.64
28560	H	06 01 41.54	−56 59 07.2	7.98		G	90.423 080 62	−56.985 329 21	B	2.77	−0.39	10.29	2.07	1.94	1.31	1.71	1.35	+20	+2	−7	+2	−7	+11	−10	−8	−1	−19	2	−0.42
28561		06 01 41.63	+22 24 03.8	6.36		H	90.423 457 96	+22.401 043 71		5.58	−6.19	−17.40	0.95	0.62	0.94	1.18	0.70	+40	+30	−24	−31	−55	+16	−41	−57	+18	+62	0	−0.52
28562		06 01 43.05	+48 57 34.1	5.98		H	90.429 386 25	+48.959 469 15		4.75	7.10	−9.89	0.63	0.41	0.75	0.77	0.43	+8	+24	−13	+14	+37	+2	+35	−1	+12	+12	0	−1.74
28563		06 01 43.39	−67 51 51.2	9.32		H	90.430 776 03	−67.864 231 02		2.61	−5.11	53.84	0.76	0.62	0.77	0.86	0.90	−7	+5	−1	−21	+2	+0	+2	−27	−5	−2	1	2.04
28564		06 01 43.87	−03 54 17.3	9.42		H	90.432 784 50	−03.904 805 79		0.52	−0.95	0.03	1.34	1.10	1.64	1.35	1.23	−22	+47	−24	−34	+19	−19	+5	−49	−7	−31	5	0.94
*28565		06 01 44.31	−18 03 39.2	8.35		H	90.434 634 18	−18.060 898 45		3.45	−29.63	19.54	0.76	0.73	1.13	0.85	0.80	−14	+16	−11	+19	−50	+19	−44	−1	+18	−6	0	0.99
*28566	H	06 01 44.31	−70 06 49.9	8.02		H	90.434 612 71	−70.113 850 95	*	1.61	−1.43	−1.65	0.73	0.63	0.69	0.77	0.79	−15	+6	−4	−25	+17	+13	+24	−2	−1	−31	3	−0.05
28567		06 01 44.73	−01 40 41.8	7.80		H	90.436 383 23	−01.678 276 64		5.36	−7.95	−1.57	0.95	0.74	1.01	1.17	0.96	−15	+29	+11	−41	+29	−10	+21	−53	−22	−28	0	−0.11
28568		06 01 44.93	−72 08 51.7	7.77		H	90.437 216 52	−72.147 681 19		3.05	5.31	15.04	0.63	0.64	0.67	0.64	0.74	+4	+19	+1	−11	−7	+15	−8	−4	−3	−8	0	0.63
28569		06 01 45.45	−29 25 27.2	9.50		H	90.439 380 61	−29.424 220 71		0.90	−9.55	−1.76	0.72	0.96	1.12	0.80	1.15	+4	+26	−8	−14	−13	−5	−11	−1	+10	+6	2	2.46
28570		06 01 47.08	+44 18 31.3	8.78		H	90.446 161 93	+44.308 705 28		2.41	−0.48	−1.53	1.03	0.51	1.12	1.16	0.54	+7	+39	−13	+34	+17	+3	+27	−20	+30	+17	0	1.40
28571		06 01 47.17	−25 50 17.9	9.15		H	90.446 542 95	−25.838 319 28		3.88	5.96	−7.62	0.63	0.97	1.27	0.80	1.19	−2	+6	+0	+6	−1	+6	−2	−10	−4	−12	0	−0.40
28572		06 01 49.31	−42 00 05.2	9.05		H	90.455 457 78	−42.001 450 94		9.50	−27.56	−134.30	0.71	0.68	0.79	0.70	0.73	−8	+8	+0	−3	−11	+5	−12	−16	+12	−16	0	−1.24
28573	H	06 01 50.34	−71 57 35.3	9.77		H	90.459 754 76	−71.959 792 70	A	16.00	62.07	111.45	2.80	2.38	1.75	1.91	2.14	−4	+16	+2	−5	−13	+14	−8	−6	+0	−12	0	−1.67
28574	H	06 01 50.43	−10 35 52.6	4.92	1	G	90.460 107 57	−10.597 939 18	A	3.33	−6.88	3.59	0.72	0.62	0.80	0.75	0.66	+20	+20	−2	−13	−15	+7	−18	−11	−23	−9	2	0.82
28575		06 01 50.53	+31 19 36.8	7.83		G	90.460 551 50	+31.326 885 39		4.77	23.77	−16.92	1.11	0.59	1.17	1.27	0.65	−22	+51	−31	+27	−15	+5	+13	−47	+33	+5	0	−1.99
28576		06 01 51.19	−03 40 52.9	7.74		H	90.463 289 12	−03.681 372 44		5.41	−12.25	−17.46	0.80	0.66	1.01	0.97	0.78	−17	+38	−34	−4	+13	−32	+2	−22	+5	−13	0	−2.03
28577		06 01 52.16	−60 13 33.0	9.35		G	90.467 347 00	−60.225 835 84		1.14	−4.87	−93.67	0.81	0.91	0.90	1.04	1.17	−8	+4	+8	+0	−6	−5	−6	−2	−9	−18	1	−0.36
28578		06 01 53.23	−27 21 27.3	7.37		H	90.471 806 01	−27.357 594 08		3.55	−1.42	−10.53	0.51	0.60	0.83	0.65	0.69	−11	+8	−15	+1	−5	+23	−2	−8	+6	−25	1	0.52
28579		06 01 53.81	−64 51 37.5	7.01		H	90.474 197 32	−64.860 414 92		10.93	−47.09	−62.35	0.54	0.45	0.55	0.65	0.57	−17	+17	+9	−7	−2	−13	−5	−20	−5	−22	2	1.62
28580		06 01 57.79	−34 30 45.0	8.68		H	90.490 788 22	−34.512 489 01		2.07	−3.07	13.18	0.59	0.70	0.81	0.64	0.79	−8	+12	−6	−5	+0	+7	−1	+25	−10	−8	1	1.15
28581		06 01 59.43	−07 54 14.4	9.16		H	90.497 628 27	−07.904 007 78		4.12	26.30	−8.31	1.34	1.14	1.76	1.36	1.15	−7	+40	−40	−27	+0	−24	−4	−9	+11	+1	0	0.28
28582		06 01 59.99	+16 30 56.8	9.51		G	90.499 956 14	+16.515 772 17		1.65	−1.68	−5.70	1.37	0.85	1.51	1.64	1.00	+9	+36	+0	−6	−25	−1	−16	−26	+17	+4	0	1.15
28583		06 02 01.25	+69 47 57.2	9.43	2	H	90.505 208 65	+69.799 219 35		1.08	3.10	7.29	0.61	0.97	1.42	0.63	1.17	−8	+18	+4	−19	+19	−6	+22	+7	+20	−1	0	−0.12
28584		06 02 03.58	+27 12 24.3	9.01		H	90.514 932 73	+27.206 751 00		3.82	15.51	−10.82	1.27	0.87	1.30	1.72	0.92	+21	+12	−3	−9	−33	+8	−32	−61	+8	+13	0	0.23
28585		06 02 04.54	−06 48 56.9	8.99		H	90.518 913 63	−06.815 792 24		2.64	0.71	0.23	1.32	0.96	1.45	1.48	1.12	−16	+44	−34	−57	+11	−26	+13	−34	+11	−34	0	−0.67
28586		06 02 04.70	+11 39 23.8	8.44		H	90.519 581 08	+11.656 620 07		3.13	−4.76	−8.34	1.14	0.74	1.27	1.22	0.86	+3	+38	+5	−15	+16	+3	+11	−37	−17	+16	0	1.26
28587		06 02 04.79	−70 40 31.1	8.48	2	H	90.519 966 64	−70.675 297 15		0.79	−0.49	18.23	0.68	0.61	0.66	0.74	0.80	−3	+23	−1	−27	+3	−8	+5	−11	+1	−18	0	−2.65
28588	H	06 02 05.35	+38 43 12.7	7.27		G	90.522 274 99	+38.720 199 49	A	2.50	−6.79	−4.24	1.02	0.67	1.07	1.37	0.66	−20	+17	−11	+6	+17	+8	+18	−27	+21	+8	1	−1.25
28589		06 02 05.58	+55 18 55.8	7.57	2	H	90.523 255 29	+55.315 489 90		1.48	1.23	−12.02	0.90	0.66	1.03	1.06	0.67	+27	+31	+14	+26	+24	+22	+22	−20	+4	+32	0	−0.61
28590		06 02 05.67	+01 45 39.2	8.01		H	90.523 616 31	+01.760 893 88		2.82	−8.94	−7.15	0.90	0.62	1.03	0.81	0.67	+2	+51	−11	−23	−9	−13	−5	−42	+5	+16	2	2.43
*28591		06 02 06.48	−27 25 37.4	7.18		H	90.527 001 96	−27.427 054 01		17.96	−7.04	−98.15	0.49	0.55	0.76	0.64	0.65	−11	+9	−8	+1	−7	+20	−6	−6	+3	−24	2	0.74
*28592		06 02 06.34	+65 03 35.4	7.10		H	90.526 415 10	+65.059 821 97		3.54	9.50	−29.02	0.52	0.52	0.81	0.55	0.53	+4	+12	+4	−16	−3	+7	−3	−14	−7	−18	0	−0.19
*28593		06 02 06.32	−38 59 22.1	6.82		H	90.526 332 41	−38.989 479 08		6.99	59.78	60.96	0.45	0.50	0.57	0.48	0.56	+1	+12	+5	+26	−2	+24	−6	+13	−11	−6	1	−0.10
28594		06 02 07.62	−26 39 44.7	8.13		G	90.531 734 54	−26.662 415 28		9.97	−20.97	8.52	0.54	0.71	0.96	0.72	0.88	−3	+12	−17	−9	−3	+6	−3	−8	−9	−9	2	0.92
28595		06 02 08.87	−05 08 12.9	6.56	1	H	90.536 937 86	−05.136 930 37		3.45	19.07	−10.49	0.74	0.59	0.82	0.84	0.67	−10	+22	−13	−26	+13	−6	+9	−34	−1	−36	5	1.39
28596		06 02 09.32	−60 05 48.7	6.41	2	H	90.538 817 94	−60.096 849 53		3.95	16.64	7.85	0.52	0.49	0.53	0.64	0.62	−3	+3	+4	+5	−4	−8	−5	−4	−9	−13	0	0.75
28597	H	06 02 09.41	+23 55 47.4	9.07		G	90.539 201 18	+23.929 822 04	A	3.09	5.13	−7.64	2.16	1.38	1.96	2.43	1.31	+16	+27	−13	−34	−39	+12	−26	−52	+16	+26	0	−0.01
28598		06 02 09.78	−08 38 16.1	9.90		H	90.540 756 66	−08.637 793 93		−1.72	−3.12	−4.97	1.30	1.16	1.58	1.26	1.14	+36	+21	−27	−44	−35	−1	−32	−27	−4	+17	0	0.23
28599		06 02 09.98	−63 32 43.2	8.86		H	90.541 582 67	−63.545 342 22		6.16	−19.22	3.36	0.71	0.58	0.75	0.79	0.84	−8	+15	+1	−3	−9	−7	−17	−38	−8	−14	0	0.05
28600		06 02 11.12	+37 44 15.1	8.79		H	90.546 338 93	+37.737 526 46		0.30	2.35	−6.25	1.20	0.73	1.43	1.63	0.80	+9	+40	−14	−2	−21	+27	+1	−61	+30	+32	0	1.62

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
28501	8.798	0.013	8.597	0.015		0.163	0.010	G	0.18	0.01	H	8.6303	0.0015	0.012	83		8.61	8.65		C			1							
28502	10.856	0.052	9.791	0.033		0.913	0.048	T	0.91	0.04	L	9.8332	0.0022	0.021	123		9.79	9.86		C			1							G
28503	10.175	0.023	9.539	0.020		0.591	0.026	T	0.66	0.02	L	9.5997	0.0018	0.020	164		9.57	9.64		C			1							G
28504	8.282	0.009	7.220	0.007	*	0.921	0.008	T	0.92	0.01	L *	7.2584	0.0013	0.010	122	*	7.24	7.28		D	06011−3704	I 1	2 C A	AB	191	0.975	0.010	2.73	0.04	S
28505	8.784	0.008	8.722	0.009		0.056	0.011	T	0.07	0.01	L	8.7285	0.0014	0.018	227		8.70	8.77					1							
28506	8.484	0.008	8.088	0.008	*	0.394	0.015	G	0.46	0.02	H *	8.1424	0.0009	0.011	152	*	8.12	8.16		D	06011+3516	H 1	2 C A	AB	188	0.368	0.011	2.91	0.06	
28507	10.546	0.038	8.642	0.014		1.615	0.033	T	1.84	0.09	O	8.5501	0.0017	0.017	110		8.52	8.58					1							
28508	8.369	0.010	7.751	0.010		0.559	0.015	G	0.63	0.01	H	7.8151	0.0012	0.011	105		7.79	7.83		C			1							S
28509	7.674	0.008	7.659	0.010		0.019	0.012	T	0.04	0.01	L	7.6825	0.0009	0.009	79		7.66	7.77		D			1							S P
28510	8.849	0.016	8.278	0.014		0.617	0.005	G	0.69	0.00	H	8.3620	0.0019	0.012	80		8.33	8.39		C	06011+2320	I 1	1							S
28511	8.116	0.007	7.559	0.007		0.533	0.015	G	0.61	0.02	H	7.6063	0.0009	0.008	148		7.59	7.62		C			1							S
28512	10.741	0.046	8.947	0.017		1.494	0.039	T	1.52	0.06	L	8.9379	0.0018	0.014	96		8.92	8.96		C			1							
28513	8.035	0.010	7.466	0.009		0.575	0.009	G	0.65	0.01	H	7.4974	0.0021	0.015	82		7.46	7.52		U 2			1							
28514	9.410	0.018	8.168	0.011		1.060	0.016	T	1.03	0.01	L	8.2382	0.0016	0.014	112		8.21	8.26					1							
28515	7.690	0.007	7.688	0.008		−0.019	0.003	G	0.00	0.00	H	7.7010	0.0009	0.010	110		7.69	7.72					1							S
28516	9.215	0.014	8.534	0.012		0.622	0.015	G	0.69	0.01	H	8.5880	0.0020	0.017	134		8.56	8.61		C			1							
28517	6.306	0.003	6.201	0.003		0.095	0.004	T	0.11	0.00	L	6.2235	0.0005	0.005	125		6.22	6.23		C			1							S
28518	9.892	0.021	9.116	0.017		0.690	0.021	T	0.75	0.02	L	9.1720	0.0021	0.022	125		9.14	9.21					1							
28519	7.564	0.008	7.466	0.013		0.096	0.014	T	0.11	0.01	L	7.4929	0.0052	0.058	88		7.45	7.62	2.24	P 1 A			1							S
28520	6.084	0.002	6.054	0.003		0.027	0.004	G	0.04	0.00	H	6.0640	0.0005	0.006	185		6.05	6.08		C			1							S
28521	8.247	0.010	7.038	0.006		1.034	0.009	T	1.01	0.01	L	7.0931	0.0010	0.009	115		7.08	7.11		C			1							S
28522	8.825	0.017	8.775	0.021		0.051	0.025	T	0.06	0.02	L	8.8084	0.0019	0.019	71		8.77	8.85		C			1							
28523	6.873	0.004	6.638	0.004		0.224	0.005	T	0.25	0.01	L	6.6776	0.0012	0.012	156		6.66	6.70		M	06013+6532	I 1	1							S
28524	7.599	0.007	5.719	0.003		1.580	0.001	G	1.59	0.09	H	5.6569	0.0009	0.009	135		5.64	5.67		M			1							S
28525	9.418	0.016	8.758	0.014		0.602	0.016	T	0.67	0.01	L	8.8201	0.0018	0.015	111		8.79	8.85		C			1 G							
28526	8.404	0.015	7.355	0.010		0.911	0.014	T	0.91	0.01	L	7.4185	0.0012	0.009	73		7.40	7.43		C			1							S
28527	7.771	0.008	7.672	0.009		0.080	0.015	G	0.09	0.02	H	7.7060	0.0008	0.012	119		7.69	7.72		C			1							S
28528	9.816	0.026	9.163	0.024		0.606	0.030	T	0.68	0.03	L	9.2189	0.0015	0.014	90		9.19	9.24		C			1							
28529	8.559	0.010	8.174	0.011		0.376	0.013	T	0.44	0.01	L	8.2175	0.0019	0.018	104		8.19	8.24		U	06013−7001	I 1	1							S
28530	8.602	0.010	8.118	0.010		0.460	0.001	G	0.53	0.00	H	8.1677	0.0015	0.014	121		8.14	8.20					1							S
28531	10.383	0.032	8.953	0.017		1.207	0.028	T	1.17	0.03	L	8.9903	0.0020	0.016	120		8.97	9.02		C			1							
28532	8.209	0.009	6.309	0.005		1.564	0.004	G	1.69	0.15	K	6.2764	0.0012	0.009	120		6.26	6.29		M			1							S
28533	9.162	0.011	7.850	0.007		1.114	0.010	T	1.08	0.01	L	7.9004	0.0015	0.013	157		7.87	7.92		C			1							
28534	7.381	0.008	7.242	0.009		0.134	0.011	T	0.15	0.01	L	7.2756	0.0009	0.009	83		7.26	7.29					1							S
28535	10.295	0.042	10.086	0.053	A	0.000	0.495	G	0.31	0.07	B *	9.8671	0.0032	0.018	60	*	9.83	9.90		R	06014−0745	I 1	2 C D	AB	325	2.731	0.009	1.24	0.07	G D
28536	10.050	0.028	8.651	0.016		1.183	0.025	T	1.14	0.02	L	8.7159	0.0019	0.016	65		8.69	8.75		C			1							
28537	9.918	0.032	9.805	0.045		0.102	0.051	T	0.12	0.06	L	9.6424	0.0125	0.278	79		9.53	11.55		P 1 A			1 S							G
28538	7.729	0.008	7.772	0.014		−0.035	0.015	T	−0.01	0.01	L	7.7800	0.0012	0.009	77		7.77	7.79		C			1							S
28539	8.620	0.009	8.595	0.011		0.023	0.013	T	0.04	0.01	L	8.6197	0.0019	0.017	145		8.59	8.66		C			1 G							
28540	9.134	0.017	9.055	0.021		0.078	0.025	T	0.09	0.03	L	9.0938	0.0016	0.014	72		9.07	9.13		C			1							
28541	10.783	0.051	10.407	0.062		0.356	0.075	T	0.42	0.08	L	10.4580	0.0032	0.031	91		10.39	10.51					1 S							G
28542	7.171	0.007	7.175	0.007		0.001	0.009	T	0.02	0.01	L	7.1984	0.0014	0.009	61		7.18	7.21		C			1							S
28543	7.257	0.007	7.201	0.009		0.076	0.002	G	0.09	0.00	H	7.2222	0.0013	0.010	60		7.21	7.24		C			1 S							S
28544	10.120	0.046	9.763	0.051		0.338	0.064	T	0.39	0.09	L	9.9635	0.0067	0.040	61		9.88	10.03					1							G
28545	11.188	0.067	9.254	0.022		1.605	0.056	T	1.62	0.06	L	9.1392	0.0032	0.023	86		9.10	9.18					1							
28546	11.220	0.065	10.999	0.083		0.002	0.015	G	0.02	0.01	H	11.1327	0.0041	0.035	110		11.07	11.19					1							G
28547	8.445	0.010	7.205	0.006		1.058	0.009	T	1.02	0.01	L	7.2647	0.0007	0.010	146		7.25	7.29					1							S
28548	9.599	0.020	9.026	0.019		0.520	0.015	G	0.59	0.02	H	9.0721	0.0021	0.014	95		9.05	9.10		C			1							
28549	7.895	0.008	7.875	0.010		0.023	0.012	T	0.04	0.01	L	7.6572	0.0020	0.018	127		7.63	7.71		U 2	06016+3631	I 1	1 X S							S G
28550	10.354	0.048	9.165	0.029		1.018	0.044	T	0.99	0.04	L	9.2044	0.0030	0.018	74		9.18	9.24					1							
28551	10.580	0.034	9.957	0.030		0.576	0.034	T	0.65	0.03	L	10.0126	0.0025	0.021	103		9.97	10.05		C	06016−4016	I 1	1							
28552	9.737	0.019	8.422	0.011		1.117	0.017	T	1.08	0.02	L	8.4583	0.0014	0.013	122		8.44	8.48		C			1							
28553	8.286	0.009	6.790	0.005		1.259	0.008	T	1.22	0.01	L	6.8231	0.0008	0.007	132		6.81	6.83					1							S
28554	10.671	0.039	9.408	0.022		1.076	0.035	T	1.04	0.03	L	9.5023	0.0026	0.021	112		9.47	9.53		C			1							
28555	10.582	0.048	9.989	0.044		0.553	0.057	T	0.63	0.05	L	10.0645	0.0023	0.026	85		10.02	10.10					1							G
28556	8.913	0.014	7.475	0.008		1.213	0.013	T	1.17	0.01	L	7.5018	0.0011	0.011	91		7.49	7.52					1							S
28557	7.413	0.005	7.202	0.007	*	0.195	0.009	T	0.21	0.01	L *	7.2374	0.0011	0.012	117	*	7.22	7.26		D	06017−3503	I 1	2 C A	AB	224	0.259	0.003	0.72	0.06	S
28558	11.725	0.120	10.255	0.052		1.257	0.108	T	4.27	0.96	K	9.3991	0.0522	0.281	69		8.80	9.91		U 2			1 S							G
28559	9.594	0.021	8.150	0.011		1.218	0.019	T	1.18	0.02	L	8.1719	0.0016	0.013	91		8.15	8.20					1							
28560	8.326	0.011	8.038	0.012	*	0.287	0.015	G	0.33	0.02	H *	8.0435	0.0010	0.010	92	*	8.03	8.06		D	06017−5659	I 1	2 C A	BA	282	0.465	0.003	0.06	0.01	S
28561	6.280	0.004	6.350	0.004		−0.071	0.011	G	−0.05	0.01	H	6.3448	0.0009	0.007	87		6.33	6.36		C			1							S
28562	7.859	0.008	6.137	0.004		1.437	0.007	T	1.43	0.01	L	6.1208	0.0008	0.007	116		6.11	6.13					1							S
28563	10.619	0.039	9.425	0.024		1.022	0.036	T	1.00	0.03	L	9.4903	0.0021	0.018	99		9.46	9.52		C			1							
28564	9.436	0.022	9.434	0.030		0.007	0.034	T	0.03	0.03	L	9.4366	0.0052	0.036	62		9.34	9.48					1							
28565	9.517	0.015	8.448	0.010		0.926	0.014	T	0.92	0.01	L	8.5125	0.0012	0.016	147		8.48	8.54		D			1							
28566	9.980	0.024	8.231	0.011	*	1.458	0.021	T	1.46	0.03	L *	8.1562	0.0018	0.014	106	*	8.13	8.18			06017−7007	H 1	2 C S A	AB	277	0.173	0.023	1.79	0.53	
28567	9.075	0.019	7.909	0.012		1.000	0.018	T	0.98	0.01	L	7.9652	0.0016	0.011	69		7.94	7.99		C			1							
28568	9.930	0.021	7.968	0.008		1.663	0.019	T	1.96	0.05	O	7.8602	0.0017	0.016	109		7.83	7.89					1							S
28569	9.879	0.022	9.530	0.023		0.331	0.030	T	0.39	0.04	L	9.5807	0.0020	0.022	140		9.53	9.64					1							
28570	8.780	0.011	8.784	0.014		0.001	0.016	T	0.02	0.01	L	8.7940	0.0015	0.013	116		8.77	8.83					1							
28571	10.285	0.024	9.236	0.016		0.911	0.022	T	0.91	0.02	L	9.3044	0.0021	0.024	167		9.26	9.35					1							
28572	9.767	0.020	9.107	0.018		0.602	0.020	T	0.67	0.02	L	9.1809	0.0016	0.016	112		9.15	9.21		C			1							
28573	11.058	0.052	9.840	0.028	*	1.041	0.046	T	1.09	0.06	L *	9.9098	0.0023	0.021	112	*	9.86	9.95		D	06018−7158	M 1	2 C A	AB	94	0.404	0.005	0.64	0.03	
28574	4.841	0.004	4.976	0.004	A	−0.128	0.015	G	−0.08	0.02	A *	4.9290	0.0012	0.012	82	*	4.91	4.94		U 2	06018−1036	I 1	2 C A	AB	354	1.995	0.010	3.26	0.06	S
28575	9.191	0.015	7.898	0.009		1.100	0.014	T	1.06	0.01	L	7.9830	0.0013	0.013	120		7.96	8.00		C			1							S
28576	7.979	0.011	7.756	0.012		0.213	0.015	T	0.24	0.02	L	7.8005	0.0019	0.012	72		7.78	7.82		C			1							S
28577	10.453	0.034	9.427	0.023		0.885	0.003	G	0.89	0.00	H	9.4977	0.0018	0.021	105		9.45	9.52		C			1							
28578	8.848	0.011	7.500	0.007		1.143	0.010	T	1.11	0.01	L	7.5425	0.0010	0.014	136		7.52	7.57					1							S
28579	7.787	0.006	7.087	0.007		0.645	0.008	T	0.71	0.01	L	7.1500	0.0008	0.007	115		7.14	7.16		D			1 G							S
28580	8.648	0.010	8.674	0.012		−0.020	0.002	G	0.00	0.00	H	8.6813	0.0015	0.018	117		8.66	8.71		C			1							
28581	9.595	0.027	9.202	0.027		0.372	0.035	T	0.43	0.04	L	9.2476	0.0030	0.023	64		9.21	9.28		C			1							
28582	9.580	0.022	9.569	0.030		0.044	0.056	G	0.06	0.04	H	9.5471	0.0037	0.031	77		9.49	9.59					1 S							G
28583	11.725	0.068	9.768	0.019		1.659	0.058	T	2.06	0.23	K	9.5066	0.0043	0.056	251		9.41	9.59		U 2			1 S							
28584	9.767	0.025	9.069	0.022		0.644	0.027	T	0.71	0.02	L	9.1455	0.0026	0.016	86		9.12	9.17			06021+2712	I 1	1							
28585	9.043	0.017	8.999	0.022		0.045	0.026	T	0.06	0.02	L	9.0099	0.0022	0.016	69		8.99	9.04					1							
28586	8.622	0.015	8.471	0.018		0.145	0.022	T	0.16	0.02	L	8.4955	0.0025	0.017	73		8.45	8.52					1							
28587	10.651	0.040	8.708	0.015		1.647	0.035	T	2.34	0.07	O	8.5293	0.0031	0.025	107		8.48	8.58		U 2			1							
28588	8.388	0.010	7.390	0.009	A	0.840	0.015	G	0.88	0.01	L *	7.4044	0.0011	0.010	129	*	7.39	7.43		D	06021+3843	I 1	2 C A	AB	332	1.629	0.011	2.92	0.04	S
28589	9.911	0.026	7.806	0.010		1.741	0.022	T	1.77	0.02	L	7.6689	0.0031	0.026	83		7.63	7.70		U 2			1							
28590	8.092	0.009	8.009	0.011		0.082	0.013	T	0.09	0.01	L	8.0442	0.0012	0.011	76		8.02	8.06					1 S							S
28591	7.665	0.006	7.232	0.005		0.423	0.006	T	0.49	0.01	L	7.2798	0.0010	0.010	139		7.26	7.30			06021−2726	I 1	1							S
28592	8.722	0.009	7.233	0.005		1.253	0.008	T	1.21	0.01	L	7.2590	0.0010	0.012	161		7.24	7.28					1							S
28593	8.019	0.007	6.937	0.005		0.936	0.007	T	0.93	0.01	L	6.9858	0.0009	0.010	130		6.97	7.00		C			1							S
28594	8.617	0.008	8.187	0.008		0.445	0.015	G	0.51	0.02	H	8.2281	0.0012	0.017	157		8.20	8.26					1							S
28595	8.628	0.014	6.736	0.007		1.572	0.012	T	1.59	0.01	L	6.6773	0.0019	0.012	68		6.66	6.69		M			1							S
28596	8.423	0.012	6.649	0.009		1.508	0.012	T	2.66	0.03	O	6.3942	0.0060	0.050	99		6.30	6.45		U 2			1 S							S P
28597	9.340	0.019	9.068	0.022	*	0.220	0.015	G	0.24	0.02	H *	9.1209	0.0026	0.016	88	*	9.10	9.15			06022+2356	H 1	2 C A	AB	129	0.743	0.037	3.28	0.11	
28598	10.007	0.027	9.941	0.039		0.066	0.044	T	0.08	0.05	L	9.9228	0.0032	0.022	70		9.90	9.96					1							G
28599	9.417	0.017	8.891	0.016		0.502	0.018	T	0.57	0.02	L	8.9721	0.0021	0.015	99		8.94	9.00		C			1							
28600	10.053	0.024	8.888	0.015		1.000	0.022	T	0.98	0.02	L	8.9609	0.0020	0.017	121		8.93	8.99		C			1							

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 (ICRS) α deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
28601		06 02 11.72	−19 41 29.1	7.83		H	90.548 851 67	−19.691 425 82		6.68	7.64	−19.29	0.63	0.62	0.91	0.77	0.83	−13	+15	−18	+14	−37	+ 4	−35	− 2	+ 5	+12	0	−1.20
28602		06 02 12.59	+42 10 35.2	8.30		H	90.552 462 84	+42.176 432 83		3.29	3.72	−6.42	0.96	0.48	1.11	0.96	0.47	−14	+42	− 4	+23	+18	+ 5	+24	−13	+18	− 7	0	−1.07
28603		06 02 14.12	−47 25 00.6	8.39		H	90.558 850 11	−47.416 838 85		2.32	−6.73	6.32	0.65	0.66	0.73	0.73	0.86	− 8	+18	−14	+22	− 2	−14	− 4	+16	− 2	− 5	0	1.86
28604		06 02 14.74	−44 00 36.3	8.72		G	90.561 422 34	−44.010 074 61		19.80	−86.42	314.04	0.73	0.70	0.79	0.74	0.85	+13	− 2	− 6	−30	− 8	+11	− 7	− 3	+ 4	+ 8	0	−1.57
28605		06 02 14.78	−58 13 17.7	8.05		H	90.561 568 55	−58.221 569 49		2.58	5.82	−12.34	0.58	0.69	0.65	0.56	0.72	−15	− 8	+19	+16	−19	− 3	−21	+11	− 3	−21	0	1.09
28606		06 02 15.20	−20 01 15.1	8.51		H	90.563 327 99	−20.020 852 86		1.70	−2.42	5.89	0.86	0.84	1.23	0.84	1.16	−10	+18	−21	+14	−37	−10	−48	+ 0	+ 2	+ 6	0	−0.59
28607		06 02 16.31	+66 53 59.0	7.03	1	H	90.567 971 72	+66.899 713 90		1.69	−1.55	−9.99	0.49	0.55	0.80	0.57	0.59	+13	+18	+ 1	− 5	− 5	− 6	− 6	−17	+ 5	− 5	0	−0.54
28608		06 02 16.67	−00 04 57.3	8.52		G	90.569 440 27	−00.082 586 91		3.62	5.56	−15.31	0.93	0.79	1.03	1.03	1.01	−22	+13	+18	−37	+29	+ 1	+21	−56	−40	−29	0	0.11
28609	H	06 02 17.11	+01 41 38.6	6.58	1	G	90.571 284 62	+01.694 064 31	*	5.59	−3.91	−4.80	0.74	0.53	0.86	0.71	0.58	− 2	+47	−17	−21	− 7	−13	− 3	−37	+ 6	+15	0	1.60
28610		06 02 17.42	−46 13 35.5	9.10		H	90.572 590 29	−46.226 519 15		3.13	−4.70	30.10	0.76	0.80	0.90	0.91	1.00	+ 3	− 4	− 3	−20	+ 1	+27	+ 2	−14	+ 0	− 1	1	0.01
28611		06 02 19.81	−30 00 52.2	8.41		H	90.582 528 57	−30.014 513 69		6.11	34.24	−1.02	0.62	0.80	0.95	0.77	0.94	−12	+16	− 9	− 4	− 8	− 1	− 6	+25	+ 3	−16	1	−1.26
28612	H	06 02 21.45	+64 58 07.9	8.70		H	90.589 362 82	+64.968 861 78	A	10.58	31.29	−219.39	1.15	1.20	1.60	1.13	1.22	−12	+25	− 8	−26	+ 5	−12	+ 5	−24	+ 5	−26	0	0.08
28613		06 02 22.52	+01 05 21.4	8.56		H	90.593 853 04	+01.089 268 63		4.11	−2.23	−1.05	1.00	0.81	1.12	1.03	0.91	−24	+35	−18	−24	+15	−11	+12	−48	− 5	−14	0	−0.67
28614	H	06 02 22.99	+09 38 50.5	4.12		G	90.595 793 23	+09.647 367 56	A	21.49	14.19	−37.44	1.06	0.93	0.82	1.18	0.77	+28	− 5	−35	−48	−44	+32	−35	−64	+36	+48	3	−0.55
28615		06 02 23.39	−18 34 03.2	7.66		H	90.597 456 64	−18.567 548 69		3.35	−5.89	−55.11	0.64	0.61	0.92	0.72	0.68	+ 3	+20	+10	+17	−46	+10	−44	− 8	+ 6	+ 2	0	−0.30
28616		06 02 25.64	−06 47 25.3	9.14		H	90.606 853 24	−06.790 349 90		5.14	−14.37	−0.27	1.44	1.10	1.58	1.65	1.28	−17	+38	−33	−57	+12	−27	+14	−40	+13	−43	0	0.40
28617		06 02 27.45	+26 25 52.9	8.74		H	90.614 379 40	+26.431 364 20		2.06	−9.86	−7.48	1.11	0.71	1.21	1.22	0.73	− 5	+32	−20	− 6	− 5	− 1	+ 2	−53	+16	+ 3	2	−1.58
28618		06 02 27.88	−66 47 28.7	12.31		H	90.616 164 21	−66.791 316 87		3.68	−1.26	9.50	1.93	1.45	2.01	1.39	1.71	− 1	+ 6	+ 0	−73	+ 0	− 3	− 2	−43	+ 1	+14	1	2.32
28619		06 02 28.78	−25 14 11.2	9.03		H	90.619 915 63	−25.236 445 67		3.69	−1.89	−30.33	0.66	0.93	1.22	0.85	1.10	+ 1	+ 2	+ 2	+12	− 8	+ 6	− 9	+ 5	− 4	−16	0	−1.18
28620		06 02 30.79	+13 17 23.2	7.90		H	90.628 289 96	+13.289 788 78		7.05	56.38	−64.33	1.27	0.67	1.38	1.42	0.77	−29	+59	−37	− 3	+12	+ 7	+23	−49	+22	−13	0	−0.56
28621		06 02 33.32	+13 01 31.9	6.96	1	H	90.638 844 59	+13.025 515 74		1.52	−0.20	−26.96	1.27	0.62	1.40	1.34	0.72	−19	+65	−31	−14	+ 4	− 3	+13	−50	+17	+ 0	2	0.01
28622		06 02 33.81	−14 29 49.9	6.20		G	90.640 855 30	−14.497 185 94		7.52	11.71	11.83	0.55	0.48	0.78	0.63	0.47	+10	+11	− 6	+ 2	−51	+22	−49	+23	−12	+19	0	1.14
28623		06 02 34.19	−22 42 47.3	10.51		G	90.642 466 74	−22.713 138 24		1.04	−3.87	−2.66	0.96	1.32	1.81	1.14	1.60	−21	+22	− 7	+27	−14	−17	−15	+33	+ 4	−30	0	1.29
28624		06 02 35.72	+07 41 55.9	7.96		G	90.648 836 70	+07.698 867 89		−1.47	−2.59	−2.21	1.00	0.66	1.03	1.05	0.76	+19	+38	−19	−41	−24	− 6	−20	−54	− 1	+51	2	0.88
28625		06 02 36.59	+22 14 02.9	9.90	3	T	90.652 450 39	+22.234 152 30	*	1.90	−0.05	−4.09	2.36	1.46	1.97	2.67	1.64	+ 6	+16	− 7	−18	−41	+18	−22	−64	+10	+39	5	1.24
28626		06 02 37.61	+32 35 29.0	6.79		H	90.656 726 97	+32.591 392 40		15.43	27.38	11.20	1.15	0.52	1.00	2.05	1.16	+ 2	+50	+ 2	−12	−23	−19	− 1	−46	− 2	+70	0	0.73
28627		06 02 37.92	+04 04 24.7	10.07		G	90.658 013 34	+04.073 517 56		4.85	−24.97	−43.00	1.38	0.96	1.61	1.59	1.09	+ 0	+36	−19	− 2	+17	−26	+ 7	−27	− 8	+ 6	2	−2.14
28628		06 02 39.19	+42 52 56.0	8.37	2	H	90.663 310 09	+42.882 221 33		1.96	1.19	−5.11	0.99	0.52	1.11	1.03	0.50	−10	+37	− 7	+36	+26	+13	+34	−11	+19	+ 8	0	−0.41
28629		06 02 39.69	−04 15 03.2	9.03		H	90.665 371 32	−04.250 891 84		3.63	11.08	6.24	1.08	0.96	1.30	1.12	1.00	−17	+35	−36	−21	+ 6	− 6	− 1	−43	+ 6	−32	0	−0.64
28630		06 02 39.97	−02 50 26.1	8.67		G	90.666 553 27	−02.840 570 16		6.36	41.93	−49.66	0.96	0.77	1.28	1.13	0.90	−15	+43	−31	−16	+13	−38	+ 1	−17	+ 7	−23	0	−2.48
28631	H	06 02 41.57	−41 09 26.3	9.87		H	90.673 203 18	−41.157 297 72	A	1.94	2.78	16.44	1.38	1.54	1.55	1.40	1.61	− 2	− 6	− 4	+13	−13	+23	−16	−20	+16	− 2	1	0.31
28632		06 02 42.54	−54 07 20.1	9.44		H	90.677 270 02	−54.122 250 78		8.72	86.44	−103.51	0.86	0.91	0.95	0.98	1.21	+ 6	+ 4	− 9	+13	− 3	+ 8	− 4	+18	−19	+ 5	0	0.49
28633		06 02 42.93	−56 56 34.8	8.16		H	90.678 857 88	−56.942 990 01		1.82	6.22	25.61	0.63	0.70	0.70	0.69	0.79	+11	−12	−16	+ 0	−10	+ 0	−15	−24	+19	− 5	0	−0.50
28634		06 02 45.11	+47 48 33.5	6.49		H	90.687 969 82	+47.809 303 99		35.21	32.23	92.58	0.64	0.41	0.80	0.79	0.46	+14	+26	−10	+14	+33	− 3	+32	− 9	+25	+ 4	0	0.31
28635		06 02 47.66	−29 59 49.2	7.95		H	90.698 598 47	−29.997 009 18		1.93	5.30	24.94	0.56	0.67	0.81	0.68	0.76	− 6	+11	−12	−14	−11	+ 6	− 8	− 7	+ 7	−14	0	−0.84
28636		06 02 48.24	−53 34 58.0	7.08		H	90.701 008 57	−53.582 770 86		4.28	0.16	7.65	0.53	0.53	0.56	0.57	0.68	+ 5	− 2	−12	+14	− 1	−10	− 3	+26	−11	+ 7	0	1.14
28637		06 02 48.59	+49 54 20.8	6.04		H	90.702 456 20	+49.905 784 64		7.95	14.37	−43.75	0.67	0.44	0.76	0.72	0.44	+32	+27	−14	+35	+45	− 3	+42	+12	+ 8	+34	0	−2.83
28638		06 02 50.34	−05 03 28.4	8.57		H	90.709 738 00	−05.057 892 47		−0.49	5.90	−5.72	1.21	1.06	1.27	1.47	1.29	−29	+28	− 9	−47	+44	− 3	+34	−63	− 6	−54	0	0.51
28639		06 02 50.68	+43 30 34.4	8.30		H	90.711 151 02	+43.509 567 45		0.86	10.06	−3.16	1.01	0.52	1.14	1.20	0.52	+ 7	+20	−12	+38	+34	− 9	+33	−19	+26	+ 7	0	−1.45
28640	H	06 02 52.58	+25 53 04.1	7.89		G	90.719 086 56	+25.884 479 70	A	8.84	26.25	−74.66	1.59	1.13	1.47	1.48	0.86	−28	+34	− 8	−27	+10	+15	+14	−51	− 2	−23	1	0.09
28641		06 02 52.64	−30 24 27.5	9.07		G	90.719 348 91	−30.407 651 19		11.51	−73.57	−142.59	0.70	0.83	1.04	0.91	1.01	−13	+ 3	− 5	− 1	−10	+ 7	− 9	− 3	+ 5	−18	0	0.18
28642		06 02 53.49	+43 22 42.3	6.38		H	90.722 874 74	+43.378 404 24		7.95	8.65	−28.91	0.70	0.39	0.81	0.72	0.40	−10	+43	−12	+28	+13	+12	+24	−10	+21	+ 9	0	0.63
28643		06 02 53.67	−11 20 55.1	7.90		H	90.723 642 14	−11.348 628 78		2.82	−4.70	−1.27	0.67	0.61	1.07	0.84	0.85	− 2	+ 7	−13	−28	−22	− 5	−23	− 3	−22	−12	0	1.71
28644		06 02 55.12	+32 38 10.4	6.23		H	90.729 654 94	+32.636 211 03		20.02	81.47	−211.58	0.84	0.48	0.86	0.93	0.51	− 2	+43	− 2	+11	− 2	+ 4	+12	−46	+11	+19	0	0.13
28645		06 02 56.38	−49 41 21.3	9.77		H	90.734 905 76	−49.689 244 74		7.43	17.24	−97.32	1.04	0.93	1.09	1.12	1.21	−21	+36	− 9	+ 1	+ 0	+ 3	− 2	+ 6	− 7	−21	5	−0.18
28646	H	06 02 56.78	+82 45 04.9	7.54		H	90.736 587 97	+82.751 373 37	*	10.80	47.53	31.60	1.04	1.28	0.74	0.78	1.07	−20	+18	−13	+ 0	+ 1	+19	+ 7	+ 1	+ 0	− 1	2	−0.24
28647		06 02 57.07	+17 39 56.2	7.91		H	90.737 779 08	+17.665 599 98		6.09	−12.23	−5.00	1.17	0.76	1.18	1.34	0.84	+41	+25	−25	−34	−52	+28	−37	−63	+24	+60	0	−0.75
28648		06 02 57.55	−61 11 35.7	9.28		H	90.739 799 51	−61.193 242 88		10.14	48.29	97.83	0.83	0.77	0.84	1.01	1.00	−11	+ 9	− 7	− 3	+ 2	−16	+ 2	− 3	+ 6	−23	0	−0.33
28649		06 02 59.38	+28 40 37.3	7.57	1	H	90.747 437 08	+28.677 017 68		0.47	2.91	0.30	1.01	0.53	1.10	0.97	0.55	−28	+61	−32	+14	− 4	+10	+12	−29	+11	+12	0	−1.77
28650		06 02 59.92	−48 18 48.7	9.46		H	90.749 669 24	−48.313 540 27		1.46	0.45	−11.09	0.82	0.84	0.92	0.92	1.04	−10	+23	−10	−19	+ 4	− 4	+ 6	− 6	+ 8	−16	0	0.47
28651		06 03 00.70	−23 13 07.4	7.47		H	90.752 911 56	−23.218 731 71		4.10	9.25	59.08	0.39	0.59	0.85	0.48	0.72	− 9	+16	−12	+19	− 8	− 5	− 9	+ 8	+ 2	−16	0	0.40
28652		06 03 01.20	−52 06 50.2	8.48		H	90.755 020 31	−52.113 939 20		5.11	−25.34	4.47	0.68	0.70	0.75	0.92	0.89	+12	− 6	−22	+ 3	+ 8	−18	+ 4	+19	−13	+19	0	−0.79
28653		06 03 01.59	−08 18 32.6	10.53		H	90.756 627 10	−08.309 064 02		−3.28	0.97	4.71	1.79	1.62	2.29	1.88	1.57	+ 0	+30	−45	−37	− 2	−23	−11	−23	+ 5	+ 7	0	0.84
28654		06 03 03.17	−37 32 49.6	6.88		H	90.763 208 63	−37.547 110 99		11.91	14.90	17.80	0.45	0.47	0.57	0.51	0.53	+ 1	+ 8	+ 3	− 3	− 8	+ 8	− 8	+ 7	−13	− 9	0	−0.25
28655		06 03 04.13	−17 48 04.6	8.87		H	90.767 195 37	−17.801 286 09		5.09	−1.98	5.76	0.87	0.86	1.29	0.96	0.88	− 8	+22	− 8	+26	−56	+25	−51	− 7	+11	− 7	0	1.74
28656		06 03 04.31	+57 01 06.3	6.50	1	H	90.767 941 64	+57.018 424 88		5.77	9.31	−45.55	0.67	0.50	0.80	0.83	0.61	+ 9	+30	−12	+ 6	+19	−11	+22	+ 1	+19	+17	0	−0.29
28657		06 03 04.99	−11 53 28.9	8.20		H	90.770 810 09	−11.891 361 99		2.55	−1.31	−0.24	0.62	0.56	0.99	0.98	0.89	−24	+25	− 9	−23	− 6	−13	−13	−19	−27	− 5	2	1.72
28658		06 03 05.15	+36 31 19.7	8.54		H	90.771 446 59	+36.522 138 33		6.48	−11.29	−33.07	1.04	0.62	1.14	1.31	0.69	−10	+38	−14	+11	− 7	+14	+ 9	−52	+25	+ 5	2	1.77
*28659		06 03 06.99	+20 35 10.7	6.88		H	90.779 130 14	+20.586 297 22		3.45	−14.02	−9.73	0.87	0.51	0.95	0.88	0.55	+ 3	+43	−10	+ 2	− 9	+11	+ 0	−31	+ 0	+36	0	1.84
*28660		06 03 06.98	+41 58 00.2	8.51		H	90.779 085 46	+41.966 711 15		2.61	−8.52	−7.65	0.96	0.47	1.15	0.93	0.47	−17	+50	− 7	+22	+22	+ 3	+24	+ 3	+19	−24	2	−0.11
28661		06 03 07.98	+47 59 17.0	7.34		H	90.783 261 49	+47.988 044 60		10.41	−20.69	−85.52	0.78	0.48	0.95	0.90	0.54	+ 4	+37	−12	+12	+38	− 4	+39	− 9	+31	− 4	0	−0.24
28662		06 03 08.36	−36 52 22.6	6.90		G	90.784 831 98	−36.872 953 07		5.94	−20.26	5.16	0.42	0.45	0.53	0.46	0.52	+ 1	+11	− 9	+12	−12	+ 0	−13	+14	− 7	− 7	0	−0.22
28663		06 03 08.64	+14 21 55.0	8.30		H	90.785 996 43	+14.365 266 83		9.96	8.17	−64.66	0.89	0.58	0.97	0.92	0.64	+12	+39	− 8	+ 5	− 9	+11	+ 0	−35	+ 7	+32	2	−0.36
28664		06 03 09.22	+53 32 29.1	7.00	1	G	90.788 412 72	+53.541 403 19		6.30	−6.10	6.52	0.81	0.57	0.87	0.97	0.59	+20	+27	− 1	+15	+31	+ 3	+27	−14	− 3	+32	0	0.64
28665		06 03 09.43	−59 36 24.9	8.01		H	90.789 309 93	−59.606 912 49		3.73	3.11	−6.25	0.65	0.68	0.69	0.77	0.94	−12	−12	+21	+26	−13	−13	−12	+21	+ 2	−11	0	−0.37
28666	H	06 03 09.56	+58 13 24.2	9.40		H	90.789 847 20	+58.223 376 24	A	7.54	15.24	60.20	4.75	3.88	2.72	3.12	1.88	−10	+ 2	+ 3	+ 7	+ 7	+ 2	+ 7	+ 4	+22	+11	2	−0.16
28667		06 03 10.00	+07 37 37.7	6.73		H	90.791 681 23	+07.627 150 68		2.98	−9.72	−2.46	0.91	0.59	1.00	1.00	0.69	+ 7	+44	−27	−27	− 6	−10	− 5	−36	+ 0	+48	0	1.83
28668		06 03 10.25	−02 04 10.1	8.41		H	90.792 705 42	−02.069 476 91		2.37	−1.76	−2.97	1.12	0.93	1.06	1.40	1.12	−39	+17	−15	−59	+46	− 6	+43	−68	− 3	−41	2	0.28
28669		06 03 10.54	−63 45 05.2	8.50		H	90.793 906 89	−63.751 430 88		2.98	2.04	46.51	0.65	0.54	0.70	0.71	0.81	−12	+16	− 2	− 5	− 4	− 2	− 8	−38	− 1	−14	0	0.47
28670		06 03 12.81	−37 57 46.2	9.16		H	90.803 369 04	−37.962 824 54		6.82	−34.51	54.28	0.70	0.79	0.90	0.84	0.87	− 8	− 2	− 7	+14	−16	+17	−15	− 6	+ 0	−12	0	0.38
28671	H	06 03 14.45	+19 21 44.1	9.28	2	H	90.810 208 99	+19.362 258 00	*	14.86	666.60	−623.13	6.57	3.18	2.50	2.52	1.57	+ 4	+37	−18	−13	+12	+29	+22	−48	+12	+ 4	3	1.26
28672		06 03 14.66	−00 36 06.3	7.75		G	90.811 077 98	−00.601 740 02		0.79	−2.91	−4.00	0.94	0.76	1.16	0.98	0.90	+ 0	+49	+12	−18	+13	−22	+ 5	−43	−14	− 5	0	0.94
28673		06 03 15.20	+12 37 03.7	7.39		H	90.813 335 32	+12.617 708 13		4.50	−3.89	−7.34	0.95	0.57	0.99	1.00	0.65	+19	+35	+10	−24	− 5	+ 9	− 4	−48	−11	+36	2	0.31
28674		06 03 15.29	−07 48 35.6	9.71		H	90.813 720 62	−07.809 900 05		2.08	3.60	3.25	1.63	1.43	2.23	1.69	1.37	−16	+42	−51	−28	+ 9	−24	+ 0	−14	+ 5	− 5	3	−0.23
28675		06 03 15.56	−26 17 05.1	5.03	1	G	90.814 837 93	−26.284 750 48		8.41	66.18	84.77	0.36	0.43	0.60	0.45	0.49	+ 4	+ 4	−11	− 9	− 3	+19	− 1	− 9	− 8	− 5	2	1.81
28676	H	06 03 17.67	+11 08 09.8	8.19		H	90.823 623 60	+11.136 061 88	A	0.55	−2.49	−2.64	1.91	1.28	1.81	2.07	1.32	+15	+18	−17	−17	+ 2	+ 4	− 5	−44	+ 5	− 4	1	−0.21
28677		06 03 17.87	+42 54 42.8	6.08		H	90.824 471 73	+42.911 887 21		12.47	104.99	−132.78	0.84	0.40	1.03	0.88	0.47	−20	+57	−18	+32	+ 9	+13	+45	−18	+43	+ 4	4	−0.55
28678		06 03 17.97	−16 02 35.2	7.47		H	90.824 858 02	−16.043 097 94		15.07	−44.48	−25.78	0.63	0.59	0.94	0.80	0.71	+11	+21	− 5	− 6	−56	+12	−54	− 8	− 5	+41	1	−0.56
28679		06 03 18.24	−32 04 46.7	8.82		H	90.826 016 86	−32.079 650 35		2.40	36.97	15.95	0.71	0.75	0.93	0.84	0.90	−14	+19	− 7	− 6	−14	+ 3	−13	+19	− 3	−18	0	1.18
28680		06 03 18.98	−77 16 39.2	8.94		H	90.829 073 78	−77.277 559 68		1.37	−11.64	12.99	0.68	0.69	0.73	0.83	0.92	−10	+10	− 2	−10	+ 8	+12	+ 5	−21	−19	−22	0	0.02
28681		06 03 19.08	−02 28 43.1	7.14		H	90.829 509 33	−02.478 652 65		1.94	−1.07	−4.05	0.95	0.71	1.00	1.06	0.81	−39	+39	−31	−50	+42	−24	+36	−54	+ 4	−42	0	0.90
28682		06 03 19.67	−86 47 10.0	9.59		H	90.831 938 48	−86.786 120 66		4.74	11.65	8.80	0.79	0.83	0.89	0.90	1.04	− 5	+ 7	+ 7	+15	−19	− 4	−18	+21	+ 9	−23	0	−0.67
28683		06 03 21.74	+31 23 24.5	7.08		G	90.840 589 00	+31.390 149 34		14.41	−55.05	17.20	0.84	0.53	0.89	0.98	0.57	− 4	+34	− 6	+ 7	− 2	+16	+10	−43	+10	+20	0	−0.17
28684		06 03 22.07	+24 49 24.1	11.06		H	90.841 962 87	+24.823 361 26	A	−4.09	2.53	−6.38	4.75	3.05	4.63	4.80	2.83	−12	+40	−25	−23	− 9	+10	+ 4	−67	+20	+ 5	0	−0.22
28685		06 03 23.99	−53 53 25.5	7.46		G	90.849 963 20	−53.890 428 02		4.46	22.37	3.41	0.60	0.55	0.61	0.66	0.70	− 1	+13	−12	+17	− 1	− 3	− 3	+19	−11	+ 4	0	0.06
28686		06 03 24.77	+11 40 51.9	6.09		G	90.853 227 66	+11.681 077 06		6.79	−11.84	−5.03	0.75	0.50	0.83	0.79	0.55	− 4	+31	− 2	−14	+16	+ 3	+15	−34	−14	+16	0	−1.11
28687		06 03 24.95	−21 47 24.5	7.32		H	90.853 959 19	−21.790 143 60		8.69	2.09	−85.38	0.42	0.54	0.84	0.55	0.73	− 7	+28	− 7	+13	+ 1	− 6	− 1	−10	+10	−22	0	0.79
28688		06 03 26.08	−51 07 07.2	10.03		H	90.858 647 24	−51.118 662 08		1.20	−16.49	46.91	1.06	1.15	1.18	1.15	1.52	−12	+10	−15	−23	+ 1	− 3	+ 2	+ 9	+ 3	−16	3	−0.96
28689		06 03 26.08	+03 51 45.4	7.10		H	90.858 675 61	+03.862 617 94		5.21	−14.92	−67.61	0.79	0.54	0.89	0.79	0.59	− 2	+46	−16	− 1	− 1	−12	− 2	−29	+ 6	− 1	0	−0.89
28690		06 03 26.80	−06 23 40.7	8.18		H	90.861 678 36	−06.394 648 90		2.77	5.77	2.45	0.98	0.83	1.12	1.06	0.94	− 1	+27	− 6	−44	+ 3	−14	− 1	−41	−11	−24	5	1.26
28691		06 03 27.36	+19 41 26.2	5.14		H	90.864 001 12	+19.690 610 33		3.05	9.81	−20.29	0.82	0.51	0.96	0.82	0.54	+ 1	+42	−27	−13	−18	+28	+ 2	−45	+14	+54	0	0.57
28692		06 03 28.42	+18 10 59.8	7.96		H	90.868 413 22	+18.183 275 76		3.13	1.15	−0.41	1.14	0.62	1.26	1.20	0.67	+ 5	+54	−30	+11	−33	+24	−16	−32	+14	+24	0	0.70
28693		06 03 29.37	−22 48 59.9	8.53		H	90.872 362 49	−22.816 649 66		2.64	6.42	−7.43	0.64	0.79	1.12	0.80	0.93	−26	+23	−20	+34	−12	−11	−16	+ 8	+ 7	−33	0	0.60
28694		06 03 29.58	+73 04 17.5	8.53		H	90.873 239 50	+73.071 537 10		2.89	−4.08	4.43	0.52	0.75	0.97	0.58	0.97	+ 6	+ 5	+ 5	+ 7	+ 5	+17	+ 5	+ 2	+ 0	+ 5	0	0.06
28695		06 03 30.01	+26 03 36.4	10.58		H	90.875 037 21	+26.060 106 64		8.61	−27.00	−206.22	2.03	1.29	2.13	2.27	1.33	−24	+33	−10	− 4	+ 7	− 4	+11	−54	+ 8	−19	0	1.41
28696		06 03 32.27	+08 35 22.8	7.72		G	90.884 478 29	+08.589 655 06		8.08	−4.63	−34.51	1.16	0.78	1.01	1.63	0.90	+48	+11	−12	−52	−48	+ 7	−46	−67	+ 7	+44	3	0.86
28697		06 03 33.93	+26 31 44.9	6.99		H	90.891 359 50	+26.529 145 11		1.38	−2.20	−5.15	0.85	0.54	0.90	1.07	0.60	−13	+18	+ 0	+11	+ 9	−14	+ 5	−42	+ 6	−24	0	0.48
28698		06 03 35.48	+33 52 57.3	7.60		H	90.897 851 10	+33.882 585 29		4.80	−0.08	−29.95	0.94	0.51	1.02	1.40	0.61	− 9	+17	−18	+29	+ 1	−25	+ 7	−46	+36	− 9	2	−0.07
28699		06 03 38.58	−31 35 25.0	13.25		H	90.910 742 38	−31.590 284 23		5.94	1.01	16.32	4.74	5.09	6.53	5.51	7.11	− 6	+ 6	+14	− 8	− 4	− 2	− 1	+22	+23	−15	3	2.45
28700		06 03 40.03	+10 07 46.9	8.81		H	90.916 780 46	+10.129 705 78		1.31	−5.20	−16.35	1.25	1.01	1.48	1.79	1.23	+17	+ 8	−47	−28	−40	+17	−24	−61	+30	+52	4	−0.94

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
28601	7.922	0.008	7.843	0.010		0.071	0.012	T	0.08	0.01	L	7.8593	0.0015	0.013	122		7.83	7.89		C			1							S
28602	9.792	0.018	8.431	0.010		1.153	0.016	T	1.12	0.01	L	8.4651	0.0011	0.011	141		8.45	8.48		C			1							
28603	8.691	0.010	8.429	0.011		0.249	0.014	T	0.28	0.02	L	8.4571	0.0017	0.015	118		8.44	8.49		C			1							S
28604	9.466	0.016	8.797	0.014		0.629	0.011	G	0.70	0.01	H	8.8532	0.0015	0.017	117		8.82	8.89		C			1							
28605	9.627	0.017	8.176	0.009		1.223	0.015	T	1.18	0.01	L	8.2098	0.0018	0.014	117		8.18	8.23					1							
28606	10.695	0.038	8.702	0.013		1.652	0.032	T	1.67	0.03	L	8.6237	0.0019	0.022	116		8.59	8.68					1							
28607	9.254	0.012	7.231	0.005		1.676	0.010	T	1.70	0.01	L	7.1357	0.0016	0.019	145		7.11	7.17	16.01	P 1 A			1							S
28608	8.676	0.013	8.497	0.015		0.159	0.015	G	0.18	0.01	H	8.5634	0.0013	0.014	67		8.54	8.60		D			1							
28609	6.514	0.005	6.566	0.005	*	−0.042	0.011	G	−0.02	0.01	H	* 6.5722	0.0017	0.013	81	*	6.55	6.59		M	06023+0142	H 1	2 C S A	AB	182	0.142	0.013	1.80	0.39	S
28610	10.434	0.032	9.201	0.019		1.053	0.029	T	1.02	0.02	L	9.2725	0.0015	0.017	106		9.24	9.30		C			1							
28611	9.132	0.012	8.470	0.011		0.604	0.012	T	0.67	0.01	L	8.5388	0.0015	0.018	124		8.52	8.58					1							
28612	9.570	0.016	8.877	0.014	A	0.500	0.495	G	0.66	0.04	L	* 8.8299	0.0014	0.016	156	*	8.80	8.86		D	06024+6458	I 1	2 C A	AB	19	1.804	0.008	1.94	0.04	
28613	8.569	0.013	8.545	0.016		0.002	0.002	G	0.02	0.00	H	8.5666	0.0019	0.014	75		8.54	8.60		C			1							
28614	4.347	0.003	4.150	0.002	*	0.170	0.002	G	0.19	0.02	A	* 4.1792	0.0005	0.004	72	*	4.17	4.18		D	06024+0939	I 1	2 C A	AB	22	0.404	0.004	1.95	0.02	S
28615	8.949	0.011	7.762	0.007		1.017	0.010	T	0.99	0.01	L	7.8246	0.0010	0.012	136		7.80	7.84		C			1							
28616	9.705	0.028	9.199	0.027		0.476	0.035	T	0.55	0.04	L	9.2430	0.0039	0.021	63		9.22	9.28					1							
28617	9.244	0.016	8.794	0.016		0.438	0.018	T	0.51	0.02	L	8.8366	0.0023	0.016	92		8.81	8.86					1 S							
28618						−0.102	0.100	G	−0.09	0.12	R	12.2770	0.0105	0.079	91		12.12	12.42					1							D
28619	10.172	0.020	9.144	0.014		0.895	0.018	T	0.90	0.01	L	9.1923	0.0021	0.023	180		9.15	9.24		C			1							
28620	8.449	0.012	7.950	0.014		0.485	0.015	G	0.56	0.02	H	8.0036	0.0012	0.009	63		7.99	8.02		C			1							S
28621	9.083	0.018	7.144	0.008		1.644	0.016	T	1.81	0.06	O	7.0577	0.0038	0.019	59		7.03	7.08		U 2			1							S
28622	7.385	0.005	6.294	0.003		0.947	0.005	G	0.90	0.04	E	6.3565	0.0006	0.007	172		6.35	6.37					1							S
28623	10.561	0.031	10.525	0.046		0.040	0.020	G	0.06	0.02	H	10.5379	0.0032	0.034	157		10.47	10.59					1							G
28624	7.924	0.011	7.962	0.014		−0.017	0.010	G	0.01	0.01	H	7.9606	0.0014	0.008	70		7.95	7.98					1							S
28625	11.094	0.067	10.006	0.042		0.940	0.060	T	0.93	0.04	L	10.1465	0.0862	0.413	75		9.61	10.57	5.53	P 1 A			1 V							G
28626	7.305	0.006	6.847	0.006		0.432	0.008	T	0.50	0.01	L	6.8871	0.0008	0.008	109		6.87	6.90		C			1 G							S
28627	10.903	0.067	10.150	0.052		0.610	0.020	G	0.68	0.02	H	10.2061	0.0030	0.023	75		10.16	10.25		C			1							G
28628	8.475	0.009	8.368	0.011		0.104	0.013	T	0.12	0.01	L	8.4158	0.0029	0.031	126		8.35	8.45	2.27	P 1 A			1							
28629	9.537	0.022	9.036	0.021		0.471	0.028	T	0.54	0.03	L	9.1353	0.0026	0.016	64		9.10	9.18					1							
28630	9.244	0.018	8.714	0.017		0.511	0.015	G	0.58	0.02	H	8.7758	0.0015	0.015	73		8.75	8.80					1							
28631	10.434	0.029	9.941	0.028	*	0.475	0.031	T	0.55	0.03	L	* 9.9703	0.0027	0.026	121	*	9.93	10.02		D	06027−4109	I 1	2 C A	AB	29	0.667	0.009	1.82	0.04	
28632	10.053	0.025	9.482	0.023		0.537	0.025	T	0.61	0.03	L	9.5573	0.0030	0.022	106		9.52	9.60					1							
28633	10.200	0.029	8.318	0.012		1.564	0.025	T	1.58	0.03	L	8.2820	0.0015	0.014	91		8.25	8.30					1							
28634	7.167	0.005	6.559	0.004		0.567	0.006	T	0.64	0.01	L	6.6125	0.0005	0.006	131		6.60	6.62					1							S
28635	9.324	0.014	8.089	0.009		1.054	0.013	T	1.02	0.01	L	8.1224	0.0015	0.014	132		8.10	8.15					1							
28636	8.313	0.012	7.186	0.007		0.970	0.011	T	0.95	0.01	L	7.2441	0.0007	0.009	97		7.23	7.26					1							S
28637	5.995	0.003	6.036	0.004		−0.033	0.005	T	−0.01	0.01	L	6.0397	0.0006	0.006	129		6.03	6.05		C			1							S
28638	10.536	0.053	8.746	0.021		1.491	0.045	T	1.51	0.07	L	8.6996	0.0023	0.014	56		8.68	8.73					1							
28639	10.494	0.032	8.477	0.011		1.671	0.027	T	1.69	0.03	L	8.4056	0.0012	0.012	125		8.39	8.43		C			1							
28640	8.500	0.013	7.982	0.012	*	0.516	0.015	G	0.59	0.02	H	* 8.0075	0.0019	0.011	91	*	7.99	8.03		D	06029+2553	I 1	2 C A	AB	169	0.497	0.006	2.08	0.03	
28641	9.897	0.020	9.137	0.016		0.656	0.003	G	0.72	0.00	H	9.2049	0.0018	0.020	128		9.18	9.24					1							
28642	7.928	0.008	6.500	0.005		1.205	0.007	T	1.16	0.01	L	6.5397	0.0007	0.008	129		6.53	6.56					1							S
28643	7.817	0.008	7.883	0.008		−0.063	0.002	G	−0.04	0.00	H	7.8842	0.0009	0.011	105		7.87	7.91					1							S
28644	6.746	0.005	6.276	0.004		0.456	0.005	T	0.53	0.01	L	6.3302	0.0008	0.006	102		6.32	6.34					1							S
28645	10.603	0.039	9.787	0.030		0.737	0.038	T	0.78	0.03	L	9.9198	0.0027	0.023	93		9.88	9.96		C			1							S
28646	8.107	0.009	7.586	0.008	*	0.489	0.011	T	0.56	0.01	L	* 7.6435	0.0008	0.011	141	*	7.63	7.66		D	06029+8245	I 1	2 C A	AB	317	0.204	0.005	0.72	0.14	S
28647	9.144	0.016	8.018	0.011		0.960	0.020	G	0.95	0.02	H	8.0765	0.0013	0.011	76		8.06	8.10		C			1							
28648	9.911	0.024	9.332	0.022		0.543	0.024	T	0.62	0.02	L	9.4007	0.0024	0.019	100		9.37	9.44		C			1							
28649	7.436	0.006	7.549	0.008		−0.097	0.009	T	−0.08	0.01	L	7.5411	0.0020	0.014	103		7.52	7.57		M			1							S
28650	10.605	0.034	9.556	0.023		0.911	0.031	T	0.91	0.02	L	9.6216	0.0024	0.020	117		9.59	9.67					1							
28651	8.731	0.008	7.587	0.006		0.983	0.008	T	0.96	0.01	L	7.6346	0.0010	0.015	213		7.61	7.66					1							S
28652	8.947	0.012	8.513	0.012		0.400	0.001	G	0.47	0.00	H	8.5722	0.0013	0.011	97		8.55	8.59					1							
28653	10.716	0.052	10.571	0.069		0.140	0.081	T	0.15	0.08	L	10.5792	0.0042	0.036	59		10.53	10.64		D			1							G
28654	7.126	0.005	6.909	0.005		0.201	0.007	T	0.22	0.01	L	6.9451	0.0010	0.009	129		6.93	6.96					1							S
28655	10.185	0.022	8.972	0.014		1.037	0.020	T	1.01	0.02	L	9.0409	0.0023	0.022	143		9.00	9.08		C			1							
28656	7.704	0.008	6.599	0.005		0.953	0.007	T	0.94	0.01	L	6.6628	0.0020	0.015	93		6.64	6.68		U 2			1							S
28657	8.277	0.008	8.204	0.009		0.072	0.011	T	0.08	0.01	L	8.2277	0.0009	0.011	118		8.21	8.25		C			1							S
28658	8.943	0.013	8.578	0.014		0.347	0.004	G	0.41	0.01	H	8.6191	0.0015	0.015	104		8.60	8.64		C			1							
28659	8.103	0.010	6.978	0.007		0.969	0.010	T	0.95	0.01	L	7.0395	0.0007	0.007	80		7.03	7.05		C			1							S
28660	8.563	0.008	8.505	0.010		0.058	0.012	T	0.07	0.01	L	8.5318	0.0009	0.012	150		8.51	8.56					1							
28661	8.843	0.013	7.461	0.008		1.169	0.012	T	1.13	0.01	L	7.5083	0.0014	0.013	130		7.49	7.53					1							S
28662	6.808	0.004	6.881	0.005		−0.077	0.002	G	−0.06	0.00	H	6.8830	0.0008	0.008	131		6.87	6.90		C			1							S
28663	8.858	0.014	8.350	0.014		0.491	0.015	G	0.56	0.02	H	8.4080	0.0015	0.011	86		8.39	8.43		C			1							
28664	7.379	0.007	7.021	0.006		0.327	0.012	G	0.38	0.02	H	7.0768	0.0021	0.014	90		7.06	7.10		M			1							S
28665	9.880	0.025	8.178	0.012		1.421	0.022	T	1.41	0.04	L	8.1513	0.0015	0.016	85		8.13	8.18					1							
28666	10.379	0.038	9.486	0.029	*	0.795	0.036	T	0.83	0.03	L	* 9.5447	0.0023	0.020	91	*	9.51	9.59		D	06032+5813	I 1	2 C A	AB	75	0.371	0.006	0.20	0.06	
28667	8.515	0.012	6.867	0.006		1.378	0.011	T	1.35	0.01	L	6.8783	0.0011	0.008	71		6.86	6.89		C			1							S
28668	9.715	0.029	8.511	0.018		1.030	0.027	T	1.00	0.02	L	8.5734	0.0018	0.011	69		8.55	8.59		C			1							
28669	9.821	0.022	8.603	0.013		1.041	0.020	T	1.01	0.02	L	8.6673	0.0020	0.015	102		8.64	8.69					1							
28670	9.721	0.018	9.209	0.017		0.491	0.019	T	0.56	0.02	L	9.2713	0.0017	0.019	123		9.24	9.30		C			1							
28671	9.993	0.039	9.373	0.037	*	0.646	0.015	G	0.71	0.01	H	* 9.4093	0.0030	0.019	78	*	9.37	9.44		U	06032+1922	M 1	2 C A	AC	192	0.223	0.038	2.11	0.38	G
28672	9.275	0.017	7.859	0.010		1.174	0.015	G	1.14	0.01	H	7.9175	0.0014	0.011	70		7.88	7.94					1 G							
28673	7.329	0.007	7.386	0.008		−0.047	0.010	T	−0.03	0.01	L	7.3792	0.0011	0.009	67		7.37	7.40		C			1							S
28674	10.122	0.035	9.744	0.037		0.358	0.047	T	0.42	0.05	L	9.7949	0.0033	0.022	58		9.76	9.84		C			1							G
28675	6.777	0.004	5.188	0.002		1.335	0.004	G	1.42	0.04	E	5.1770	0.0009	0.009	171		5.16	5.19		M	06033−2617	I 1	1							S
28676	8.189	0.011	8.217	0.014	*	−0.021	0.016	T	0.00	0.02	L	* 8.1930	0.0016	0.015	83	*	8.16	8.22		D	06033+1108	I 1	2 C A	AB	107	0.621	0.009	1.65	0.03	S
28677	7.351	0.006	6.196	0.004		0.979	0.004	G	0.96	0.00	H	6.2471	0.0004	0.005	127		6.24	6.26					1 G							S
28678	8.082	0.007	7.516	0.006		0.534	0.007	T	0.61	0.01	L	7.5814	0.0009	0.011	167		7.55	7.60					1							S
28679	10.282	0.030	8.959	0.017		1.123	0.027	T	1.09	0.03	L	8.9925	0.0017	0.016	131		8.96	9.02					1							
28680	9.063	0.015	8.916	0.017		0.134	0.021	T	0.15	0.02	L	8.9900	0.0018	0.016	102		8.97	9.02		C			1							
28681	7.069	0.007	7.125	0.009		−0.046	0.010	T	−0.02	0.01	L	7.1293	0.0009	0.006	63		7.12	7.14		C			1							S
28682	10.148	0.024	9.646	0.023		0.472	0.030	T	0.54	0.03	L	9.6922	0.0022	0.021	132		9.65	9.72					1							
28683	7.573	0.007	7.125	0.008		0.403	0.007	G	0.47	0.01	H	7.1710	0.0012	0.010	103		7.15	7.19					1							S
28684						0.561	0.107	G	1.04	0.07	B	11.2309	0.0413	0.050	79	A	11.12	11.33		R	06034+2449	I 1	2 C D	AB	241	15.636	0.057	1.62	0.21	G D
28685	8.949	0.013	7.596	0.008		1.150	0.015	G	1.11	0.01	H	7.6270	0.0012	0.010	98		7.61	7.64		C			1							S
28686	6.055	0.004	6.085	0.004		−0.035	0.004	G	−0.01	0.00	H	6.0835	0.0007	0.005	87		6.07	6.09		C			1							S
28687	7.783	0.006	7.362	0.006		0.398	0.008	T	0.46	0.01	L	7.4093	0.0007	0.011	169		7.39	7.43					1							S
28688	10.587	0.032	10.052	0.031		0.502	0.040	T	0.57	0.04	L	10.1399	0.0035	0.027	104		10.08	10.18					1							G
28689	8.750	0.013	7.244	0.007		1.267	0.012	T	1.23	0.01	L	7.2631	0.0012	0.009	76		7.24	7.28					1							S
28690	10.502	0.043	8.426	0.015		1.718	0.036	T	1.74	0.04	L	8.2746	0.0022	0.016	66		8.25	8.30					1							
28691	5.012	0.003	5.125	0.003		−0.097	0.004	T	−0.08	0.01	L	5.1135	0.0006	0.005	80		5.11	5.12		C			1							S
28692	8.021	0.009	7.966	0.013		0.056	0.015	T	0.07	0.01	L	7.9874	0.0012	0.010	69		7.98	8.01		C			1							S
28693	10.317	0.024	8.685	0.011		1.366	0.021	T	1.33	0.03	L	8.6821	0.0018	0.019	159		8.65	8.71		C			1							
28694	8.674	0.009	8.550	0.010		0.120	0.013	T	0.13	0.01	L	8.5717	0.0018	0.017	162		8.54	8.60					1							
28695	11.552	0.113	10.647	0.083		0.804	0.104	T	0.83	0.07	L	10.7329	0.0048	0.030	87		10.67	10.78		C			1							G
28696	8.125	0.011	7.760	0.012		0.356	0.025	G	0.42	0.03	H	7.8136	0.0012	0.009	72		7.80	7.83		C			1							S
28697	7.022	0.005	6.988	0.006		0.036	0.007	T	0.05	0.01	L	7.0109	0.0012	0.008	87		7.00	7.03		C			1							S
28698	9.037	0.016	7.720	0.010		1.118	0.015	T	1.08	0.02	L	7.7676	0.0009	0.007	96		7.76	7.78		C			1							
28699											T	13.3348	0.0940	0.406	39		12.75	14.09					1							G Y
28700	10.104	0.039	8.916	0.024		1.018	0.036	T	0.99	0.03	L	8.9768	0.0021	0.015	68		8.95	9.00					1							

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ 13	Standard Errors α* mas 14	δ 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
28701		06 03 42.55	+50 36 45.1	8.66	2	H	90.927 276 97	+50.612 518 00		2.74	17.17	3.20	1.05	0.70	1.29	1.14	0.71	+26	+27	−25	+32	+40	−10	+41	+16	+18	+39	0	−1.15
28702		06 03 42.80	−25 35 36.1	9.72	1	H	90.928 319 58	−25.593 363 59		1.76	−1.01	2.72	0.74	0.93	1.35	0.93	1.19	+0	+25	−3	+14	−6	+6	−9	+2	−14	+1	0	0.33
28703		06 03 45.81	−69 42 36.9	9.05	2	H	90.940 874 95	−69.710 257 66		1.29	6.69	12.25	0.87	0.82	0.87	1.13	1.01	−13	−1	+5	−8	+2	+0	+2	−9	−7	−35	0	0.21
28704		06 03 46.00	+72 27 15.1	8.99		H	90.941 672 93	+72.454 205 88		4.14	−6.40	10.63	0.59	1.01	1.29	0.64	1.24	+14	+5	−12	+15	+2	+13	+5	−1	+12	+20	0	−1.57
28705		06 03 46.64	−31 01 06.2	9.20		H	90.944 334 40	−31.018 378 09		0.59	−1.60	−4.94	0.73	0.96	1.20	0.88	1.14	−7	+1	−10	−3	−5	+30	−2	−6	+11	−5	0	0.36
28706		06 03 47.69	+76 55 38.1	8.82		H	90.948 707 65	+76.927 246 48		0.58	−13.92	−37.71	0.58	0.81	0.93	0.62	0.89	−2	+17	+6	+6	−2	+9	−1	−17	−10	+10	1	2.33
28707		06 03 47.81	+36 25 05.2	9.25		H	90.949 207 21	+36.418 121 61		6.00	4.19	−28.81	1.25	0.76	1.39	1.68	0.85	−9	+22	−14	+15	−10	+11	+4	−50	+29	+6	0	0.32
28708	H	06 03 48.14	+18 15 53.3	7.80		H	90.950 568 14	+18.264 794 70	A	2.07	1.26	−2.17	1.61	1.07	1.56	1.82	1.12	−2	+33	−18	−11	−24	+15	−12	−48	+22	+2	2	0.01
28709		06 03 48.24	+13 06 36.0	8.36		H	90.951 000 38	+13.109 991 18		0.99	−6.43	−11.75	1.32	0.72	1.43	1.45	0.83	−12	+54	−25	−17	+11	−1	+17	−52	+17	+3	0	1.60
28710		06 03 49.41	+16 43 55.2	8.40		H	90.955 863 09	+16.731 996 29		4.56	−0.99	−7.62	1.23	0.73	1.34	1.25	0.80	−8	+45	−16	−8	+16	+13	+22	−28	+9	+16	0	0.73
28711		06 03 50.12	+30 10 09.2	10.95	2	G	90.958 813 76	+30.169 214 46		7.59	1.21	3.28	2.31	1.51	2.75	2.94	1.59	−17	+47	−42	+15	−26	+30	+5	−65	+37	+10	0	−0.70
28712		06 03 50.63	+40 02 31.6	9.51		H	90.960 977 24	+40.042 105 74		3.00	2.25	2.84	1.26	0.76	1.37	1.71	0.88	+3	+34	−6	−3	−8	+1	+4	−45	+14	+22	0	−0.13
28713		06 03 52.16	+60 27 10.9	8.02		H	90.967 316 81	+60.453 033 14		2.23	2.41	0.64	0.79	0.63	0.98	0.99	0.67	−7	+8	−5	−13	−14	−3	−11	−19	+14	−23	3	−0.09
*28714		06 03 53.71	+46 17 34.9	9.16	3	H	90.973 779 84	+46.293 025 68		0.59	−1.48	−13.13	1.14	0.71	1.63	1.47	0.79	+5	+19	+15	+10	+38	−14	+32	−17	+26	−28	0	−1.20
*28715		06 03 53.65	+31 19 41.2	9.04	2	H	90.973 543 66	+31.328 120 66		4.13	−3.45	−3.75	1.45	0.95	1.41	1.70	0.97	−45	+31	−11	−24	+40	+21	+44	−62	+0	−24	0	0.60
28716		06 03 55.18	+20 08 18.5	4.64	1	T	90.979 931 50	+20.138 458 65		0.10	2.19	−2.81	0.78	0.52	0.89	0.81	0.55	+7	+35	−24	−14	−13	+25	+1	−35	+11	+55	0	2.05
28717		06 03 57.45	−20 52 06.5	9.44		G	90.989 365 61	−20.868 472 05		2.23	−1.75	0.31	0.90	0.99	1.50	0.90	1.18	+3	+27	−15	−4	−34	−4	−35	−6	+9	+11	0	−1.59
28718		06 03 58.14	+02 51 51.7	7.27		H	90.992 249 85	+02.864 374 22		3.03	4.61	−6.36	0.83	0.53	0.88	0.81	0.60	+7	+51	−7	−4	−14	−5	−19	−32	−4	−5	0	−0.75
*28719		06 03 59.27	−35 07 05.8	8.81		H	90.996 967 93	−35.118 269 84		4.05	2.25	−78.77	0.69	0.75	0.92	0.81	0.88	−1	+29	−2	+0	+6	+5	+2	+14	−8	+6	1	−0.43
*28720		06 03 59.86	−54 07 56.1	9.34		H	90.999 430 87	−54.132 256 91		14.61	61.93	−20.63	0.82	0.88	0.90	0.93	1.07	−3	+1	−14	+15	+3	−7	+2	+20	−9	−2	0	0.58
*28721		06 03 59.91	−51 05 54.8	7.46	1	H	90.999 629 38	−51.098 552 49		4.23	−16.58	−5.71	0.52	0.56	0.59	0.63	0.69	−10	+2	−24	−10	+5	+1	+6	+8	−10	−14	0	−2.12
*28722		06 04 00.40	−45 43 29.3	8.73		H	91.001 666 94	−45.724 813 73		2.70	−8.48	−6.12	0.76	0.69	0.84	0.83	0.85	−5	+12	−1	+2	−2	+24	−4	−9	−12	−7	0	−0.99
*28723		06 04 01.01	+27 34 13.8	7.62		H	91.004 217 17	+27.570 508 20		8.65	9.15	−38.48	0.85	0.56	0.91	1.11	0.62	+8	+12	−8	+2	−12	+6	−12	−43	+8	+1	0	1.47
*28724		06 04 02.98	−47 26 45.8	9.28		H	91.012 422 85	−47.446 063 98		2.39	−4.72	8.58	0.77	0.75	0.85	0.83	0.94	−11	+19	+2	+8	−5	−8	−6	+6	−1	−16	0	1.56
*28725		06 04 03.40	+34 22 27.8	7.93	1	H	91.014 172 47	+34.374 380 57		2.78	−6.01	−10.04	1.23	0.60	1.21	1.68	0.68	−26	+32	−24	+38	−6	−5	+12	−43	+33	−10	2	−0.23
*28726		06 04 03.50	−31 10 14.9	11.55		H	91.014 602 43	−31.170 798 56		1.67	3.22	6.09	2.04	2.45	3.06	2.32	2.97	−5	+20	+9	+9	−6	+11	−7	+4	+2	−10	0	−0.24
*28727		06 04 03.97	+37 11 29.4	9.22		H	91.016 543 43	+37.191 502 41		7.27	30.81	−29.20	1.34	0.74	1.49	1.63	0.80	−1	+48	−2	+5	+1	+21	+9	−45	+15	+7	0	1.46
*28728	H	06 04 05.74	+21 29 39.0	7.77		H	91.023 922 83	+21.494 177 48	A	7.69	3.28	−16.07	1.30	0.79	1.24	1.31	0.81	−4	+38	−6	−19	+5	−9	+2	−49	+9	−10	1	−0.62
*28729		06 04 06.13	+34 41 03.3	8.80		H	91.025 528 25	+34.684 261 25		4.91	−8.88	−28.69	1.24	0.68	1.26	1.81	0.75	+2	+20	−2	+32	−2	−7	−2	−48	+19	−6	0	−0.37
*28730	H	06 04 06.10	−15 40 53.2	7.91		H	91.025 430 54	−15.681 439 60	A	2.41	−5.96	6.78	0.93	0.85	1.19	1.07	0.91	−19	+30	−16	+18	−62	+23	−61	+13	−11	+22	3	−0.75
*28731		06 04 06.73	+55 31 46.8	9.37	2	G	91.028 044 23	+55.529 654 38		−0.14	−0.79	−1.12	1.28	0.90	1.39	1.54	0.96	+21	+24	+11	+19	+32	+13	+28	−12	+4	+20	0	0.19
*28732		06 04 06.94	−39 50 10.6	8.17		H	91.028 933 01	−39.836 263 98		0.94	−11.96	−2.77	0.53	0.61	0.68	0.55	0.67	−2	+6	+14	+7	−3	+12	−5	+5	−4	−13	1	−1.57
*28733		06 04 07.06	−20 37 14.1	8.69		G	91.029 434 25	−20.620 570 37		8.28	−14.60	3.43	0.85	0.91	1.18	0.88	0.98	−3	+19	+2	−3	−51	−4	−50	+12	+0	−6	0	−2.05
*28734	H	06 04 07.22	+23 15 49.1	4.16		G	91.030 068 90	+23.263 632 07	*	21.64	−2.60	−119.72	1.02	0.70	1.06	1.19	0.79	+32	+43	−32	−32	−60	+12	−37	−69	+21	+70	0	1.13
*28735		06 04 07.22	−29 20 20.5	7.80		G	91.030 091 00	−29.339 030 71		3.01	−7.50	−1.29	0.48	0.60	0.71	0.53	0.68	+3	+20	−1	−15	−11	−3	−11	−16	+1	−6	1	0.41
*28736		06 03 58.98	+23 00 31.7	11.04		G	90.995 744 32	+23.008 812 80		25.57	−39.34	−349.47	3.04	1.86	3.56	3.08	1.87	−5	+55	−44	−18	−46	+18	−12	−67	+30	+45	0	−1.00
28737		06 04 08.00	+41 11 17.9	8.60		H	91.033 337 29	+41.188 304 23		6.20	−5.01	−45.44	1.02	0.52	1.12	1.10	0.51	+3	+35	−13	+34	+37	−4	+34	+5	+17	+0	0	−0.57
28738		06 04 10.92	+36 03 01.2	9.27		H	91.045 480 87	+36.050 321 77		3.92	20.13	−36.97	1.20	0.81	1.48	1.59	0.92	−17	+37	−41	+14	−18	+22	+14	−60	+47	+15	0	1.27
28739		06 04 11.18	−13 41 22.2	7.08		H	91.046 594 17	−13.689 505 13		3.02	−1.61	0.24	0.62	0.57	0.86	0.70	0.58	+28	+5	−7	−21	−51	+9	−49	−8	−4	+32	0	0.35
28740		06 04 11.71	−08 43 08.8	8.41		H	91.048 799 76	−08.719 121 67		4.37	−14.06	−58.27	0.87	0.80	1.10	0.88	0.78	+5	+26	−47	−35	−16	+3	−9	−39	+27	+17	2	−1.03
28741		06 04 12.02	−52 53 37.1	8.30		G	91.050 080 06	−52.893 648 94		5.50	−18.22	5.73	0.62	0.71	0.70	0.67	0.87	+17	−6	−23	−17	−14	+15	−17	+15	−6	+28	0	0.02
28742		06 04 12.07	+25 26 38.6	6.95		H	91.050 286 40	+25.444 048 51		5.94	4.14	−42.67	0.98	0.61	1.03	0.96	0.61	−31	+48	−23	−9	+9	+0	+20	−55	+14	−9	2	−0.04
28743		06 04 13.05	−14 05 03.9	6.94		H	91.054 371 17	−14.084 416 80		10.91	8.13	40.35	0.65	0.52	0.84	0.87	0.73	+28	+25	+6	−24	−50	−8	−56	−15	−23	+45	0	−0.78
28744	H	06 04 13.50	−06 42 32.2	5.19		H	91.056 264 66	−06.708 950 20	A	3.55	−3.55	3.62	1.50	1.28	1.00	1.25	1.15	+42	+37	+18	−61	−31	−27	−39	−65	−29	+20	3	−0.02
28745	H	06 04 14.57	−41 09 13.2	7.97		G	91.060 696 14	−41.153 675 15	A	7.27	3.08	68.15	1.14	1.28	1.20	1.03	1.20	−8	+1	−2	+19	−8	+13	−7	−8	+6	−14	0	−0.37
28746		06 04 14.67	+00 36 48.6	8.82		H	91.061 127 75	+00.613 513 85		3.30	16.10	12.05	1.10	0.78	1.25	1.10	0.87	−14	+45	−14	−27	+13	−27	+0	−47	−13	−10	0	−0.31
28747		06 04 15.58	+29 31 09.7	9.20		H	91.064 902 77	+29.519 359 73		1.76	−3.33	−4.13	1.33	0.86	1.51	1.48	0.87	−30	+46	−41	+16	−26	+26	+10	−52	+30	+18	0	−0.18
28748		06 04 16.23	+28 18 03.4	8.09		H	91.067 637 31	+28.300 940 00		1.00	−1.30	−0.74	1.18	0.61	1.31	1.13	0.62	−26	+62	−31	+9	−11	+6	+10	−49	+16	+8	0	0.96
28749		06 04 16.74	−59 49 19.6	8.57		H	91.069 764 92	−59.822 108 35		6.41	−5.08	−19.61	0.72	0.71	0.74	0.99	0.92	−15	+1	+10	+16	−8	−8	−11	−7	+2	−30	0	1.90
28750		06 04 16.96	+06 29 28.1	8.20		H	91.070 666 50	+06.491 145 46		2.51	6.70	−15.45	0.87	0.60	1.00	0.89	0.65	−7	+41	−25	−5	−4	−5	+3	−25	+12	+18	0	0.59
28751		06 04 17.65	+59 52 19.9	8.87		H	91.073 556 06	+59.872 184 02		3.62	−0.20	−18.86	1.02	0.69	1.13	1.17	0.72	+7	+30	+5	−27	−8	+2	−3	−6	+5	−3	0	−0.14
28752	H	06 04 18.09	+52 27 55.5	9.64		H	91.075 381 56	+52.465 422 43	A	1.45	8.55	−17.02	2.09	1.39	2.07	2.32	1.37	+29	+14	−7	+23	+20	−5	+21	+4	+23	+26	1	1.65
28753		06 04 18.82	+64 44 55.2	10.88		H	91.078 412 85	+64.748 655 13		10.56	17.73	−202.16	4.24	3.96	6.06	4.33	4.01	−21	+10	+2	−44	+10	+4	+12	−33	−1	−34	0	
28754		06 04 19.66	−55 18 49.8	12.14		G	91.081 916 22	−55.313 842 14		34.18	679.20	341.70	2.46	2.20	2.51	2.70	2.72	−1	+3	−14	−5	−18	+25	−17	+2	−1	−12	0	0.54
28755		06 04 20.07	+53 34 00.8	8.66		H	91.083 643 84	+53.566 895 94		5.15	10.66	0.13	0.96	0.69	1.09	1.14	0.71	+17	+26	+8	+8	+32	+2	+26	−19	+0	+16	0	1.14
28756		06 04 20.28	−32 10 21.8	5.65	1	H	91.084 485 52	−32.172 723 93		3.01	−15.62	120.75	0.45	0.44	0.57	0.57	0.54	−2	+16	−12	−2	−12	+3	−10	+11	+2	−10	0	1.47
28757		06 04 20.74	−43 52 28.3	9.03		H	91.086 416 49	−43.874 526 88		3.42	4.61	0.79	0.82	0.73	0.86	0.83	0.87	+7	+6	−8	−28	−7	+5	−8	+6	−2	+10	0	−1.21
28758		06 04 20.76	−26 57 47.3	8.81		G	91.086 484 48	−26.963 150 25		7.05	−3.55	0.68	0.64	0.80	1.08	0.84	0.84	−8	+0	−17	−5	+0	+30	+5	−10	−4	−21	1	−0.32
28759		06 04 20.81	+46 53 59.4	8.72		H	91.086 697 69	+46.899 826 93		10.85	−23.97	−46.52	0.90	0.59	1.27	1.22	0.71	+24	+18	−17	+11	+29	−3	+28	−14	+39	+16	3	0.69
28760		06 04 20.97	−19 00 11.8	8.23		H	91.087 363 47	−19.003 281 68		3.36	3.85	12.56	0.65	0.63	0.95	0.88	0.93	+4	+10	+2	−3	−35	−5	−39	+0	−18	+28	0	0.15
28761		06 04 21.52	−33 32 19.3	9.06		H	91.089 677 50	−33.538 685 66		1.36	−7.87	3.91	0.74	0.85	1.05	0.84	0.93	−5	+20	−1	+14	−20	+18	−18	+21	+1	−6	0	−0.58
28762		06 04 26.74	+04 47 08.9	8.82		H	91.111 401 54	+04.785 818 13		3.82	−0.04	−12.72	1.31	0.76	1.52	1.34	0.84	−16	+56	−21	−6	+23	−30	+7	−33	−7	−11	0	−0.68
28763		06 04 27.12	−33 56 30.6	8.82		H	91.113 010 83	−33.941 843 15		2.76	6.49	15.47	0.66	0.76	0.92	0.68	0.85	−6	+26	−13	−3	−8	+1	−8	+13	+2	−4	0	0.43
28764		06 04 28.51	−45 02 13.9	6.35	1	G	91.118 780 29	−45.037 202 25		37.46	−82.08	246.35	0.46	0.44	0.50	0.49	0.50	−2	+11	−4	−9	−8	+5	−7	+8	+5	−6	0	−1.52
28765		06 04 29.11	+51 34 24.6	6.39		H	91.121 274 46	+51.573 498 70		8.28	2.30	−42.82	0.68	0.45	0.79	0.75	0.46	+28	+29	−13	+34	+27	−7	+28	+8	+9	+35	0	2.62
28766		06 04 29.68	−03 04 17.4	8.89		H	91.123 656 92	−03.071 510 82		1.52	4.54	−7.16	1.01	0.85	1.16	1.10	0.95	−19	+42	−25	−29	+26	−21	+17	−50	+7	−33	0	0.34
28767		06 04 29.87	+44 15 38.9	6.74		H	91.124 440 26	+44.260 814 15		30.00	95.05	−152.23	0.71	0.42	0.82	0.87	0.47	−2	+25	−17	+33	+9	−5	+11	−2	+26	−7	0	−0.52
28768		06 04 30.37	−47 28 51.1	8.05		H	91.126 554 37	−47.480 861 66		12.29	−12.83	95.94	0.57	0.59	0.65	0.59	0.68	−5	+23	−13	+10	−2	−7	−2	+10	+4	−7	0	−0.46
28769		06 04 30.39	−45 11 47.9	6.92		H	91.126 633 91	−45.196 641 24		5.28	5.05	4.45	0.48	0.48	0.54	0.56	0.57	−1	+10	−5	−7	−4	+10	−4	+8	+0	+2	1	−1.23
28770		06 04 30.70	−34 03 27.7	8.71	2	H	91.127 920 52	−34.057 695 03		0.06	16.99	−7.73	0.59	0.75	0.84	0.62	0.85	−6	+17	−6	−4	−4	+7	−3	+23	+3	−5	1	1.14
28771		06 04 30.89	−60 36 10.0	8.71		H	91.128 689 46	−60.602 768 54		3.94	9.57	−7.20	0.71	0.70	0.75	0.84	0.92	−18	−10	+0	−14	+9	+4	+6	−31	+6	−26	0	−0.53
28772		06 04 31.68	−19 43 43.4	8.58		H	91.131 980 04	−19.728 731 04		3.43	11.79	−1.38	0.82	0.83	1.16	0.85	0.98	−17	+8	−5	+16	−41	+0	−45	+18	−10	−6	0	−0.18
28773		06 04 32.76	+25 14 45.7	11.17		G	91.136 501 75	+25.246 038 38		2.91	3.27	0.88	4.31	2.80	4.62	4.52	2.82	−22	+38	−23	−16	+4	+4	+16	−58	+13	+2	2	
28774		06 04 32.88	+30 14 18.4	9.58		G	91.136 979 56	+30.238 441 63	B	12.81	−2.46	−7.00	23.77	14.59	12.80	18.43	9.99	−16	+30	−28	+25	−17	+28	+1	−53	+18	+4	0	0.69
28775	H	06 04 33.66	+45 35 10.9	7.30		G	91.140 232 54	+45.586 348 43	A	9.01	2.75	−48.71	1.28	0.81	1.38	1.50	0.82	−4	+12	−16	+20	+34	−12	+26	+2	+7	−4	2	0.12
28776		06 04 34.07	−10 03 01.6	8.58		H	91.141 960 45	−10.050 450 26		2.41	−2.73	−4.92	0.88	0.73	1.17	0.99	0.90	+37	+21	−12	−27	−24	+3	−29	−23	−25	+26	0	1.40
28777		06 04 34.24	+30 14 04.1	8.64		G	91.142 680 79	+30.234 458 77	A	−0.34	−1.25	−1.53	4.18	3.21	3.82	5.33	2.97	+0	+28	−31	+5	−25	+37	−13	−65	+22	+3	0	0.69
28778		06 04 35.08	−14 01 57.3	7.60	1	H	91.146 170 53	−14.032 584 17		10.74	−18.69	−5.84	0.67	0.57	0.89	0.73	0.58	+21	+16	−11	−7	−50	+17	−49	−1	−12	+28	3	−0.10
28779		06 04 35.61	−16 36 56.0	8.94		H	91.148 361 29	−16.615 552 60		3.00	1.49	5.32	0.83	0.77	1.21	1.02	0.83	−12	−1	−4	+8	−58	+23	−54	+5	+18	+7	1	−1.04
28780		06 04 36.09	−36 42 33.8	8.65		H	91.150 369 31	−36.709 393 44		2.03	6.32	−5.90	0.63	0.65	0.80	0.63	0.76	−7	+18	−7	+10	−7	+12	−10	−2	−16	−13	0	−1.15
28781		06 04 36.87	−36 39 11.6	8.31		H	91.153 631 39	−36.653 216 49		2.30	−5.60	−2.06	0.55	0.56	0.68	0.56	0.63	−8	+20	−11	+22	−13	+15	−15	+6	−13	−11	0	1.27
28782		06 04 37.92	−78 33 33.6	8.53	2	H	91.157 996 67	−78.559 333 68		2.01	1.21	6.48	0.64	0.74	0.73	0.72	0.91	+4	+7	+1	−11	−8	+11	−11	−24	−14	−9	0	−1.11
*28783		06 04 38.41	+46 35 06.4	7.30	2	H	91.160 044 63	+46.585 119 12		1.00	−2.10	−2.64	0.68	0.42	0.90	0.83	0.48	+19	+22	−4	+20	+39	−18	+35	−7	+24	+1	0	0.39
*28784		06 04 38.40	+08 13 16.6	7.76		H	91.159 996 82	+08.221 277 25		2.45	1.42	−15.03	1.08	0.69	1.19	1.37	0.83	+0	+40	−20	−14	−2	−8	−2	−31	+5	+4	3	−0.52
28785		06 04 38.45	+21 23 43.5	8.32		H	91.160 213 98	+21.395 405 83		6.73	−40.81	−8.81	1.14	0.63	1.23	1.16	0.70	+10	+53	−3	−4	−3	−4	−3	−39	+1	+12	0	−0.38
28786		06 04 39.13	−28 37 04.1	7.89		H	91.163 044 51	−28.617 800 75		4.25	−2.49	−7.04	0.56	0.74	0.97	0.70	1.00	−7	+17	+6	−22	+3	−10	−2	−21	−29	−8	0	1.72
28787		06 04 39.74	+38 34 30.5	6.93		H	91.165 587 28	+38.575 129 72		3.16	−0.77	−2.77	0.79	0.50	0.90	1.09	0.56	+15	+23	−14	+5	−19	+31	−2	−49	+23	+40	0	−0.28
28788		06 04 39.78	−20 53 59.8	8.73		H	91.165 760 64	−20.899 943 36		4.12	7.45	2.75	0.83	0.88	1.23	0.80	1.00	−5	+25	+9	+4	−50	−11	−52	+6	−2	−2	0	1.19
28789		06 04 40.08	+10 30 35.4	8.14		H	91.167 004 04	+10.509 841 17		3.66	−9.26	−8.86	1.08	0.81	1.20	1.61	0.96	+27	+3	−41	−34	−44	+24	−30	−62	+25	+50	0	0.61
28790	H	06 04 40.17	−45 04 46.4	5.93		G	91.167 362 58	−45.079 549 67	A	37.01	−79.98	254.28	0.56	0.57	0.58	0.56	0.66	−7	+10	−17	+0	+9	−8	+7	+14	−6	+3	8	2.64
28791		06 04 42.31	+25 10 43.6	8.46		H	91.176 296 87	+25.178 788 26		7.80	2.76	−50.11	1.53	1.17	1.86	1.79	1.24	−12	+42	−47	−14	−36	+34	+8	−77	+44	+43	0	0.42
28792		06 04 42.85	−01 34 49.5	6.94		H	91.178 534 48	−01.580 422 31		6.23	−22.66	−16.76	0.74	0.62	0.92	0.85	0.71	−24	+38	−15	−21	+28	−30	+12	−48	−13	−30	2	−0.09
28793	H	06 04 43.27	−28 03 38.7	7.48		G	91.180 294 61	−28.060 746 34	A	4.42	−4.34	0.75	0.96	1.28	1.14	0.90	1.04	+5	+5	−18	−1	−6	+15	−4	−1	−12	−19	2	0.13
28794		06 04 46.35	−17 57 22.6	7.81		G	91.193 131 19	−17.956 267 19		2.05	−6.77	7.79	0.65	0.60	0.97	0.68	0.68	−4	+37	−18	+18	−50	+27	−48	−1	−8	+13	1	2.10
*28795		06 04 46.90	+49 51 16.8	8.72		H	91.195 402 22	+49.854 657 21		7.99	−5.08	−7.90	1.05	0.59	1.20	1.07	0.60	+21	+40	−8	+33	+35	−1	+38	+2	+21	+27	0	−0.45
*28796	H	06 04 46.77	−48 27 29.7	6.60	2	G	91.194 888 06	−48.458 247 42	A	33.64	−105.63	−23.30	0.92	1.02	0.84	0.82	0.89	−8	+17	+4	−6	+4	−12	+2	−19	+3	−26	3	2.34
28797		06 04 47.02	+47 06 18.8	8.31		G	91.195 915 71	+47.105 216 41		6.18	−15.83	−83.32	0.82	0.55	1.14	1.05	0.66	+20	+24	−19	+16	+28	−8	+29	−5	+34	+13	0	0.06
28798		06 04 47.97	−07 43 01.4	9.95		H	91.199 882 94	−07.717 043 05		4.30	1.39	3.88	1.83	1.66	2.42	2.15	1.83	−31	+39	−51	−50	+27	−28	+21	−43	+16	−43	0	1.03
28799		06 04 48.04	+53 50 00.6	9.33		H	91.200 164 05	+53.833 500 73		−1.24	−0.85	−14.03	1.23	0.89	1.34	1.48	0.87	+7	+20	+9	+3	+45	+2	+36	−27	−11	+9	0	0.22
28800		06 04 49.11	−19 29 24.2	8.15		G	91.204 643 19	−19.490 069 32		4.34	−4.20	7.71	0.69	0.66	1.02	0.90	0.88	−5	+7	+0	+14	−34	−7	−33	+3	−23	+16	0	−0.77

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No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
28701	10.645	0.041	8.942	0.017		1.449	0.037	T	3.09	0.05	O	8.5373	0.0048	0.051	120		8.45	8.65		U 2			1 S							
28702	9.531	0.014	9.685	0.021		−0.137	0.003	G	−0.13	0.00	H	9.6759	0.0034	0.032	187		9.62	9.74		U			1							
28703	11.299	0.066	9.270	0.020		1.718	0.057	T	2.40	0.10	O	9.0835	0.0089	0.106	104		8.90	9.21		U 2			1							
28704	10.179	0.020	9.076	0.013		0.951	0.019	T	0.94	0.01	L	9.1484	0.0019	0.025	208		9.10	9.19					1							
28705	11.345	0.056	9.414	0.018		1.160	0.040	G	1.12	0.04	K	9.3666	0.0026	0.024	138		9.32	9.41					1 S							
28706	10.144	0.019	8.934	0.012		1.035	0.018	T	1.01	0.01	L	8.9843	0.0018	0.020	155		8.95	9.02					1							
28707	9.676	0.021	9.289	0.022		0.366	0.028	T	0.43	0.03	L	9.3358	0.0018	0.019	99		9.31	9.36		C			1							
28708	8.056	0.011	8.020	0.014	A	−0.010	0.100	G	0.01	0.09	R *	7.8090	0.0012	0.008	68	*	7.80	7.83		D	06038+1816	H 1	2 C A	AB	148	2.289	0.005	1.17	0.02	S
28709	8.494	0.013	8.358	0.016		0.131	0.019	T	0.15	0.02	L	8.4059	0.0022	0.013	64		8.39	8.43					1							
28710	8.689	0.012	8.434	0.013		0.243	0.017	T	0.27	0.02	L	8.4736	0.0021	0.014	78		8.45	8.50					1							S
28711						0.305	0.011	G	0.35	0.01	H	11.0207	0.0039	0.034	93		10.95	11.08		U			1							G
28712	10.008	0.026	9.539	0.026		0.442	0.034	T	0.51	0.04	L	9.6027	0.0020	0.019	104		9.57	9.64		C			1							G
28713	9.507	0.017	8.153	0.010		1.147	0.015	T	1.11	0.01	L	8.1921	0.0017	0.016	122		8.17	8.22					1							
28714	11.254	0.059	9.463	0.021		1.522	0.052	T	3.31	0.29	O	8.9646	0.1107	0.509	121		8.85	10.04	168.60	P 1 B			1 S							P
28715	10.138	0.031	9.139	0.021		0.873	0.028	T	0.88	0.02	L	9.1921	0.0028	0.032	93		9.16	9.26		P 1			1 S							
28716	4.916	0.004	4.668	0.004		0.236	0.005	T	0.41	0.03	C	4.6947	0.0041	0.020	72		4.67	4.72	2.87	P 1 A			1							S
28717	9.839	0.023	9.429	0.023		0.298	0.002	G	0.34	0.00	H	9.5248	0.0021	0.022	118		9.48	9.56		C			1							
28718	7.197	0.006	7.251	0.008		−0.032	0.022	G	−0.01	0.02	H	7.2645	0.0012	0.009	78		7.25	7.29		C			1							S
28719	10.324	0.029	8.937	0.015		1.134	0.009	G	1.10	0.01	H	8.9800	0.0020	0.016	119		8.95	9.01		C			1							
28720	10.118	0.025	9.412	0.022		0.637	0.025	T	0.70	0.02	L	9.4710	0.0020	0.018	106		9.44	9.51					1							
28721	7.648	0.006	7.489	0.007		0.153	0.009	T	0.17	0.01	L	7.5138	0.0013	0.016	102		7.49	7.54		M			1							S
28722	10.328	0.033	8.840	0.017		1.252	0.029	T	1.21	0.03	L	8.8891	0.0017	0.015	86		8.86	8.91					1							
28723	7.764	0.009	7.627	0.010		0.132	0.013	T	0.15	0.01	L	7.6699	0.0015	0.016	81		7.64	7.69			06040+2734	I 1	1							S
28724	10.659	0.038	9.390	0.021		1.081	0.034	T	1.04	0.03	L	9.4502	0.0017	0.018	120		9.42	9.48		C			1							
28725	10.167	0.031	8.148	0.012		1.673	0.026	T	1.70	0.03	L	8.0413	0.0016	0.016	92		8.01	8.06		U			1 S							
28726	11.987	0.132	11.325	0.114		0.614	0.147	T	0.68	0.13	L	11.6792	0.0065	0.071	137		11.57	11.81					1							G
28727	9.816	0.022	9.296	0.022		0.488	0.028	T	0.56	0.03	L	9.3242	0.0019	0.016	95		9.30	9.36		C			1							
28728	8.035	0.009	7.781	0.010	*	0.200	0.017	G	0.22	0.02	H *	7.8353	0.0020	0.012	80	*	7.81	7.86			06041+2130	H 1	2 C A	AB	339	0.813	0.018	3.60	0.07	S
28729	9.445	0.020	8.875	0.019		0.533	0.025	T	0.61	0.03	L	8.9197	0.0017	0.011	93		8.90	8.94		C			1							
28730	7.871	0.008	7.844	0.011	*	0.030	0.013	T	0.05	0.01	L *	7.9241	0.0012	0.014	172	*	7.90	7.95		D	06041−1541	I 1	2 C A	AB	172	5.345	0.005	2.28	0.03	
28731	9.518	0.021	9.421	0.027		0.120	0.015	G	0.13	0.01	H	9.4261	0.0061	0.037	87		9.36	9.48		U 2			1							
28732	9.864	0.020	8.305	0.010		1.308	0.018	T	1.27	0.02	L	8.3283	0.0012	0.014	129		8.31	8.35		C			1							
28733	9.259	0.014	8.719	0.013		0.477	0.001	G	0.55	0.00	H	8.7998	0.0023	0.019	116		8.76	8.84					1							
28734	5.221	0.003	4.266	0.003	*	0.835	0.001	G	0.88	0.01	G *	4.3198	0.0007	0.004	78	*	4.31	4.33		D	06041+2316	I 1	2 C S A	AB	227	0.185	0.008	0.73	0.14	S
28735	7.761	0.006	7.798	0.008		−0.027	0.002	G	−0.01	0.00	H	7.7961	0.0012	0.012	150		7.77	7.82		C			1							S
28736						1.260	0.020	G	1.22	0.02	H	11.1287	0.0054	0.036	68		11.02	11.20					1							G
28737	9.068	0.012	8.631	0.012		0.403	0.015	G	0.47	0.02	H	8.6891	0.0015	0.015	125		8.66	8.71					1							
28738	9.785	0.023	9.309	0.023		0.448	0.030	T	0.52	0.03	L	9.3733	0.0023	0.015	94		9.34	9.39					1							
28739	7.052	0.004	7.073	0.005		−0.018	0.002	G	0.00	0.00	H	7.0839	0.0012	0.009	126		7.07	7.10					1							S
28740	8.688	0.014	8.461	0.015		0.217	0.019	T	0.24	0.02	L	8.4767	0.0015	0.013	69		8.46	8.51					1							
28741	8.822	0.012	8.356	0.012		0.456	0.015	G	0.53	0.02	H	8.3867	0.0015	0.015	109		8.36	8.42					1							S
28742	8.138	0.011	7.046	0.007		0.950	0.020	G	0.94	0.01	H	7.1099	0.0012	0.009	78		7.09	7.12					1							S
28743	7.475	0.005	6.992	0.005		0.467	0.005	T	0.54	0.01	L	7.0414	0.0008	0.008	152		7.03	7.06		C			1 G							S
28744	5.150	0.004	5.243	0.004	*	−0.066	0.027	G	0.09	0.03	C *	5.2210	0.0013	0.008	63	*	5.21	5.23			06042−0643	H 1	2 C B	AB	274	0.569	0.045	4.20	0.15	S
28745	8.403	0.014	7.916	0.012	*	0.475	0.015	G	0.55	0.02	H *	8.0706	0.0014	0.012	121	*	8.05	8.09		D	06042−4109	I 1	2 C A	AB	125	2.324	0.003	0.16	0.01	S
28746	8.869	0.018	8.853	0.022		0.070	0.015	G	0.08	0.02	H	8.8487	0.0020	0.014	66		8.83	8.88		C			1							
28747	9.278	0.015	9.179	0.020		0.097	0.023	T	0.11	0.03	L	9.2360	0.0019	0.019	92		9.20	9.27		C			1							
28748	9.649	0.021	8.230	0.012		1.240	0.015	G	1.20	0.01	H	8.2554	0.0009	0.010	86		8.24	8.27		C			1							
28749	9.168	0.015	8.635	0.014		0.500	0.018	T	0.57	0.02	L	8.6821	0.0016	0.014	89		8.66	8.71					1							
28750	8.281	0.009	8.190	0.011		0.089	0.013	T	0.10	0.01	L	8.2323	0.0016	0.011	84		8.21	8.25		C			1							
28751	9.681	0.021	8.951	0.018		0.680	0.015	G	0.74	0.01	H	9.0090	0.0021	0.021	115		8.98	9.05					1							
28752	11.082	0.069	9.792	0.035	A						T *	9.8062	0.0026	0.025	99	*	9.76	9.85		D	06043+5228	H 1	2 C A	AB	98	1.579	0.027	2.37	0.13	G
28753	11.494	0.077	10.991	0.081		0.580	0.020	G	0.65	0.02	H	11.0063	0.0036	0.048	143		10.92	11.09			06043+6445	I 1	1 X							G
28754						1.458	0.002	G	2.20	0.02	A	12.2561	0.0109	0.093	87		12.14	12.39					1							D
28755	9.242	0.017	8.699	0.016		0.509	0.021	T	0.58	0.02	L	8.7769	0.0016	0.011	85		8.75	8.80		C			1							
28756	5.397	0.002	5.612	0.003		−0.186	0.003	T	−0.20	0.00	L	5.5825	0.0010	0.011	135		5.57	5.60		M	06043−3210	I 1	1							S
28757	10.568	0.036	9.156	0.018		1.193	0.032	T	1.15	0.03	L	9.1978	0.0021	0.018	109		9.17	9.23		C			1							
28758	9.113	0.013	8.842	0.014		0.256	0.002	G	0.29	0.00	H	8.8866	0.0020	0.019	152		8.85	8.92		C			1							
28759	9.378	0.016	8.784	0.014		0.554	0.019	T	0.63	0.02	L	8.8348	0.0016	0.020	136		8.81	8.87					1							
28760	8.499	0.010	8.246	0.011		0.237	0.015	T	0.26	0.02	L	8.2971	0.0017	0.016	131		8.27	8.32					1							S
28761	10.750	0.038	9.185	0.016		1.313	0.032	T	1.27	0.04	L	9.2202	0.0024	0.023	133		9.18	9.26					1							
28762	10.185	0.036	8.903	0.021		1.091	0.033	T	1.05	0.03	L	8.9843	0.0021	0.015	56		8.96	9.01		C			1							
28763	10.408	0.027	8.968	0.014		1.215	0.024	T	1.17	0.02	L	8.9844	0.0021	0.018	135		8.95	9.01		C			1							
28764	6.965	0.005	6.398	0.005		0.517	0.005	G	0.59	0.01	H	6.4602	0.0009	0.010	119		6.44	6.47		M			1							S G
28765	6.621	0.005	6.416	0.006		0.196	0.007	T	0.21	0.01	L	6.4548	0.0008	0.007	117		6.44	6.47			06045+5135	I 1	1							S
28766	10.213	0.032	9.001	0.020		1.036	0.029	T	1.01	0.02	L	9.0524	0.0022	0.014	60		9.02	9.07		C			1							
28767	7.416	0.006	6.801	0.005		0.573	0.007	T	0.65	0.01	L	6.8608	0.0008	0.008	101		6.85	6.88					1							S
28768	8.622	0.010	8.110	0.010		0.516	0.015	G	0.59	0.02	H	8.1675	0.0013	0.014	123		8.14	8.19		C			1							S
28769	8.148	0.010	7.023	0.007		0.969	0.010	T	0.95	0.01	L	7.0842	0.0008	0.008	109		7.07	7.10		C			1							S
28770	11.158	0.051	9.074	0.015		1.724	0.042	T	1.75	0.04	L	8.8270	0.0284	0.243	143		8.53	9.19	370.00	P 1 A			1 S							
28771	9.979	0.022	8.831	0.014		0.986	0.020	T	0.97	0.02	L	8.8763	0.0021	0.017	106		8.85	8.90					1							
28772	9.900	0.021	8.702	0.013		1.025	0.019	T	1.00	0.02	L	8.7440	0.0021	0.020	114		8.71	8.78					1							
28773						0.548	0.002	G	1.69	0.19	S	10.6997	0.0062	0.038	74		10.64	10.76		R			1 X S							G
28774	9.525	0.021	9.432	0.028	B	0.095	0.020	G	0.11	0.02	H	9.5726	0.0562			B				D	06046+3014	I 2	1 C I D							D
28775	7.598	0.008	7.360	0.008	*	0.220	0.015	G	0.24	0.02	H *	7.3624	0.0008	0.009	110	*	7.35	7.38		D	06046+4535	I 1	2 C A	AB	67	0.668	0.006	1.65	0.02	S
28776	10.068	0.027	8.722	0.015		1.141	0.024	T	1.10	0.03	L	8.7488	0.0015	0.014	90		8.72	8.78					1							
28777	8.692	0.013	8.626	0.017	A	0.156	0.015	G	0.17	0.01	H	8.6805	0.0314	0.078	85	A	8.49	8.73		D	06046+3014	I 2	1 C P D							D
28778	7.939	0.008	7.626	0.008		0.299	0.012	T	0.34	0.02	L	7.6785	0.0016	0.018	139		7.64	7.71	0.42	P 1 A			1							S
28779	10.289	0.032	9.057	0.019		1.052	0.029	T	1.02	0.02	L	9.1081	0.0016	0.019	181		9.07	9.14					1 S							
28780	10.713	0.038	8.786	0.014		1.599	0.032	T	1.62	0.03	L	8.7658	0.0020	0.017	126		8.74	8.79					1							
28781	8.315	0.009	8.310	0.011		−0.002	0.003	G	0.02	0.00	H	8.3235	0.0013	0.011	130		8.30	8.34		C			1							S
28782	10.703	0.038	8.745	0.014		1.659	0.033	T	2.29	0.07	O	8.5778	0.0028	0.030	115		8.54	8.63		U 2			1							
28783	7.164	0.005	7.280	0.007		−0.054	0.005	G	−0.03	0.01	H	7.2852	0.0025	0.027	137		7.17	7.31		U 2 C			1							S
28784	9.136	0.019	7.880	0.012		1.071	0.018	T	1.04	0.01	L	7.9256	0.0023	0.017	68		7.90	7.95					1							
28785	8.781	0.013	8.356	0.014		0.398	0.015	G	0.46	0.02	H	8.4095	0.0017	0.012	82		8.39	8.43		C			1							
28786	9.208	0.013	8.002	0.009		1.032	0.012	T	1.00	0.01	L	8.0558	0.0012	0.016	135		8.03	8.08					1							S
28787	6.897	0.006	6.929	0.007		−0.025	0.008	T	0.00	0.01	L	6.9340	0.0008	0.007	101		6.92	6.94		C			1							S
28788	10.190	0.026	8.832	0.015		1.150	0.024	T	1.11	0.02	L	8.8996	0.0022	0.017	110		8.87	8.93		C			1							
28789	8.152	0.011	8.135	0.014		0.020	0.016	T	0.04	0.01	L	8.1509	0.0016	0.014	77		8.12	8.18		C			1							S
28790	6.473	0.004	5.942	0.003	*	0.493	0.009	G	0.57	0.01	H *	6.0204	0.0006	0.006	120	*	6.01	6.03		D	06046−4504	I 1	2 C A	AB	217	5.572	0.012	3.20	0.06	S
28791	9.048	0.018	8.525	0.017		0.491	0.022	T	0.56	0.02	L	8.5708	0.0023	0.017	71		8.55	8.60		C			1							
28792	7.059	0.007	6.945	0.007		0.099	0.015	G	0.11	0.02	H	6.9772	0.0012	0.008	73		6.96	7.00		C			1							S
28793	7.447	0.006	7.480	0.007	*	−0.033	0.002	G	−0.01	0.00	H *	7.4790	0.0013	0.010	130	*	7.46	7.50		D	06047−2804	H 1	2 C A	AB	191	0.422	0.005	1.78	0.03	S
28794	7.707	0.006	7.783	0.008		−0.080	0.002	G	−0.06	0.00	H	7.7913	0.0013	0.014	137		7.77	7.82					1							S
28795	9.218	0.014	8.736	0.014		0.454	0.018	T	0.52	0.02	L	8.8223	0.0019	0.014	116		8.80	8.86		C			1							
28796	7.456	0.011	6.671	0.009	*	0.712	0.005	G	0.77	0.00	H *	6.7791	0.0022	0.019	112	*	6.74	6.81		U 2	06048−4828	I 1	2 C A	AB	116	2.587	0.002	0.38	0.01	S
28797	8.920	0.013	8.342	0.012		0.559	0.015	G	0.63	0.01	H	8.4262	0.0014	0.015	122		8.40	8.46		C			1							
28798	10.421	0.047	10.089	0.055		0.315	0.068	T	0.36	0.09	L	10.0280	0.0040	0.028	63		9.98	10.08					1							G
28799	9.494	0.025	9.327	0.031		0.160	0.037	T	0.18	0.04	L	9.3867	0.0026	0.022	82		9.35	9.42		C			1							
28800	8.069	0.008	8.114	0.010		−0.055	0.003	G	−0.03	0.00	H	8.1348	0.0015	0.016	113		8.11	8.16		C			1							S

Number		Descriptor: epoch J1991.25					Position: epoch J1991.25			Par.	Proper Motion		Standard Errors					Astrometric Correlations (%)										Soln	
HIP		RA h m s	Dec ±° ′ ″	V mag			α (ICRS) deg	δ deg		π mas	μα* mas/yr	μδ mas/yr	α* mas	δ mas	π mas	μα* mas/yr	μδ mas/yr	δ α*	π α*	π δ	μα* α*	μα* δ	μα* π	μδ α*	μδ δ	μδ π	μδ μα*	F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
28801		06 04 49.55	+16 20 18.9	9.03		H	91.206 445 86	+16.338 579 72		4.43	4.92	−12.58	1.16	0.71	1.24	1.31	0.79	+16	+32	+2	−25	−10	+12	−9	−45	+4	+17	0	−0.14
28802		06 04 50.95	+16 39 35.4	7.80		G	91.212 286 91	+16.659 823 22		3.32	−1.53	−3.80	0.98	0.58	1.04	1.02	0.67	+12	+48	−5	−4	−3	+2	+4	−31	+5	+35	0	1.23
28803		06 04 53.48	−44 54 54.7	8.04		H	91.222 831 66	−44.915 195 67		2.55	−5.28	−0.69	0.60	0.61	0.68	0.64	0.68	−3	+8	+2	−14	−3	+5	−3	+11	+3	−6	0	−0.65
28804		06 04 53.60	+57 50 39.7	7.79	1	H	91.223 337 96	+57.844 360 56		0.81	−3.56	−2.22	0.79	0.59	0.98	0.94	0.67	+4	+25	+1	+27	+21	−19	+23	−5	+20	−4	2	1.01
28805		06 04 53.68	−14 07 12.6	7.93		H	91.223 645 91	−14.120 166 19		3.02	5.38	−16.98	0.68	0.64	0.95	0.81	0.68	+27	+16	−1	−19	−48	+6	−47	−4	−12	+38	0	1.07
28806		06 04 54.29	+22 18 46.4	9.55		G	91.226 220 11	+22.312 878 96		4.64	−6.38	−8.53	1.52	0.80	1.65	1.45	0.87	+2	+59	−13	−5	−16	−3	−9	−38	+2	+23	0	1.20
28807		06 04 54.38	+61 54 38.9	8.23		H	91.226 588 91	+61.910 800 10		1.91	0.04	3.98	0.68	0.56	0.92	0.77	0.59	−6	+21	−8	−1	−7	−19	−5	−5	+20	−23	0	0.09
28808		06 04 54.64	+66 56 34.2	7.86		H	91.227 673 20	+66.942 841 40		10.02	12.09	5.01	0.56	0.60	0.87	0.64	0.62	+9	+20	−3	−11	+2	−1	+3	−11	+7	−1	0	−2.10
28809		06 04 56.23	−05 20 34.9	7.98		G	91.234 310 96	−05.343 033 52		7.37	1.82	−25.43	0.95	0.77	1.10	1.08	0.91	−13	+21	−7	−38	+25	+6	+19	−36	−25	−26	0	0.28
28811		06 04 57.16	−01 08 02.7	8.12		H	91.238 155 17	−01.134 073 50		7.37	11.65	−64.88	0.93	0.78	1.07	1.04	0.94	−3	+42	−5	−38	+13	−29	+4	−63	−14	−1	2	2.75
*28812		06 04 58.19	+05 25 11.9	5.67		H	91.242 447 95	+05.419 970 05		2.96	−7.96	−0.18	0.73	0.49	0.87	0.95	0.56	−4	+28	−26	+13	+28	−36	+12	−19	−9	−2	0	−0.98
*28813		06 04 58.18	+14 23 20.0	6.72		H	91.242 432 25	+14.388 892 30		24.56	84.66	−188.03	0.77	0.48	0.85	0.83	0.56	−1	+38	−20	+8	−11	+7	+4	−26	+18	+29	2	−0.44
28814		06 04 58.36	+04 09 31.2	5.63		H	91.243 166 28	+04.158 676 86		1.31	0.28	−2.38	0.68	0.44	0.76	0.68	0.48	−1	+46	−13	+0	+3	−13	+4	−27	+8	+0	0	−0.17
28815		06 04 59.00	+18 18 39.8	8.94		H	91.245 819 23	+18.311 053 91		6.51	7.89	−12.39	1.51	0.96	1.69	1.88	1.09	+17	+35	−33	−36	−40	+36	−19	−67	+25	+44	0	−0.55
28816		06 04 59.13	−16 29 03.9	4.92	1	H	91.246 385 76	−16.484 427 13		3.05	−5.57	−3.17	0.47	0.41	0.67	0.55	0.42	+2	+7	−3	+0	−57	+25	−54	−1	+11	+16	0	−0.44
28817		06 05 02.16	−35 47 57.2	8.47		H	91.258 985 64	−35.799 223 04		4.73	8.72	20.67	0.61	0.66	0.79	0.65	0.74	−6	+12	−5	+25	−8	+16	−8	+18	−10	+1	0	0.10
28818		06 05 02.24	+02 06 37.1	7.65		H	91.259 348 96	+02.110 313 95		2.24	−13.89	−3.04	0.80	0.58	0.94	0.87	0.67	−5	+40	−18	−3	−5	−13	−11	−26	−2	−10	0	−1.03
28819	H	06 05 02.40	−49 12 03.0	9.47		H	91.259 989 85	−49.200 827 13	A	5.45	−6.23	−7.95	2.11	2.20	2.10	2.19	2.56	+19	+28	+18	+1	+6	+11	−5	−17	−4	−22	1	0.37
28820	H	06 05 02.58	+37 57 51.4	6.32		H	91.260 766 60	+37.964 287 77	*	4.32	−3.08	−6.47	0.79	0.50	0.90	1.06	0.54	+16	+26	+0	+1	−9	+33	−2	−46	+9	+32	0	2.19
28821		06 05 02.79	−07 31 43.5	8.59		H	91.261 635 08	−07.528 744 80		5.54	1.43	−20.15	1.32	1.22	1.51	1.70	1.48	−35	+32	−33	−51	+43	−21	+35	−61	+5	−46	0	0.70
28822		06 05 02.92	+61 23 29.5	8.69		H	91.262 179 63	+61.391 527 79		3.01	1.94	2.45	0.77	0.63	1.05	0.88	0.71	−8	+30	−11	−3	−9	−16	−8	−20	+19	−32	0	0.76
28823		06 05 03.42	+42 58 55.1	5.90		H	91.264 250 64	+42.981 985 50		19.38	−44.61	−144.20	0.67	0.37	0.80	0.73	0.36	−10	+32	−13	+28	+25	+0	+25	+0	+13	−5	2	0.84
28824		06 05 03.64	−32 59 39.3	8.53		G	91.265 153 99	−32.994 260 98		2.09	10.91	69.55	0.61	0.72	0.94	0.70	0.81	−10	+7	−22	+2	−10	+27	−3	+3	+18	−2	0	1.18
28825		06 05 04.17	−61 16 56.5	8.10		H	91.267 372 85	−61.282 352 21		2.03	18.17	21.32	0.69	0.53	0.69	0.83	0.81	−18	+12	−8	−7	+4	−13	+3	−34	+5	−17	0	1.08
28826		06 05 04.59	+45 29 16.5	7.93		H	91.269 110 75	+45.487 925 63		3.88	−4.05	−0.66	0.90	0.54	1.10	1.10	0.60	−3	+28	+0	+22	+34	+1	+30	−12	+14	−12	0	2.21
28827		06 05 06.72	−56 13 59.4	6.76		H	91.278 003 61	−56.233 166 97		2.99	0.75	28.54	0.50	0.51	0.53	0.55	0.53	+5	−12	−6	−1	−13	+9	−15	−19	+7	−9	0	1.12
28828		06 05 06.74	−23 46 55.4	9.71		H	91.278 103 54	−23.782 046 34		−0.49	−8.50	−4.67	0.53	1.24	1.73	0.70	1.28	−4	+9	−31	+9	−16	−9	−16	−14	+21	−17	2	1.49
28829		06 05 08.23	+59 23 36.0	6.32		H	91.284 273 11	+59.393 330 79		6.92	2.69	−49.56	0.63	0.48	0.74	0.78	0.54	+24	+29	−3	+7	+16	+1	+19	+3	+18	+33	0	1.21
28830		06 05 08.57	+00 51 59.5	7.04		H	91.285 694 89	+00.866 520 87		1.98	0.84	−8.52	0.87	0.61	1.00	0.82	0.64	+6	+48	−23	−35	−5	−30	−14	−44	−7	+23	0	−0.67
28831		06 05 09.32	+75 35 09.4	6.28	1	H	91.288 834 55	+75.585 943 36		4.53	10.97	−9.99	0.40	0.47	0.60	0.52	0.51	+5	+10	+12	−2	+11	+5	+9	−25	−24	+23	1	1.31
28832	H	06 05 09.77	+07 07 40.9	8.10		H	91.290 703 84	+07.128 033 32	A	2.13	5.08	−5.95	1.94	1.39	1.64	1.72	1.16	+5	+13	−24	−21	−6	−3	+2	−48	+16	+28	0	0.55
28833		06 05 09.80	−08 01 20.5	8.41		H	91.290 840 47	−08.022 369 08		3.67	−0.66	−1.52	1.14	1.00	1.36	1.16	1.01	−5	+36	−48	−49	−2	−11	−1	−54	+21	−13	0	1.64
28834		06 05 10.82	+15 26 56.8	7.75		H	91.295 068 76	+15.449 116 70		8.86	−3.00	−4.61	1.11	0.69	1.30	1.34	0.84	+15	+44	−35	−6	−49	+20	−17	−54	+34	+58	0	0.30
28835		06 05 10.89	−09 17 30.3	7.96		G	91.295 381 01	−09.291 742 34		12.32	−5.62	−59.33	0.84	0.73	1.12	0.77	0.73	−3	+43	−37	−23	−10	−16	−12	−14	+10	−1	0	0.12
28836		06 05 11.28	−32 43 51.2	8.01		H	91.297 006 98	−32.730 887 95		7.75	−0.61	−11.60	0.57	0.62	0.80	0.66	0.69	−1	−2	−18	+0	−12	+21	−9	−2	+9	−4	0	−2.15
28837		06 05 13.04	−82 35 22.4	8.78		H	91.304 346 88	−82.589 561 57		2.40	0.38	9.02	0.68	0.65	0.75	0.71	0.79	−14	+33	−11	+16	−14	+24	−15	+7	−5	−20	3	−1.10
28838		06 05 14.49	−42 27 43.1	8.48		H	91.310 375 15	−42.461 970 56		3.62	2.12	6.77	0.60	0.64	0.71	0.65	0.76	−6	−6	−2	−10	−6	+7	−9	+14	+9	+2	0	−0.62
28839		06 05 15.44	−54 24 30.2	7.17		H	91.314 353 56	−54.408 390 95		3.65	7.68	9.52	0.54	0.53	0.57	0.59	0.65	+2	−2	−14	+15	+1	+11	+3	+13	−10	+6	0	1.25
*28840	H	06 05 15.93	−25 01 36.1	7.71		G	91.316 365 61	−25.026 695 02	A	2.42	−7.08	−3.68	1.14	1.54	1.89	1.31	1.86	−5	+1	−20	+8	−9	+7	−9	+18	−10	−14	6	1.56
*28841		06 05 15.71	+54 24 28.5	9.41		H	91.315 452 60	+54.407 908 57		0.34	10.28	3.90	1.01	0.79	1.26	1.27	0.85	+12	+15	+9	+16	+25	−6	+22	−16	−10	+16	0	0.36
28842	H	06 05 15.99	+73 59 58.9	7.43		H	91.316 633 67	+73.999 706 49	*	10.24	−36.36	−31.22	0.61	0.97	0.82	0.54	0.83	+18	+5	+14	−3	+1	+2	+1	−10	+9	+24	1	−0.18
*28843	H	06 05 17.28	+21 23 13.4	8.40		H	91.322 002 65	+21.387 067 40	A	3.65	−4.75	−27.00	2.49	2.66	1.61	1.89	1.18	+33	+14	−7	−21	−14	+17	−15	−39	+9	+15	1	−0.43
*28844		06 05 17.24	+35 28 28.4	9.30		G	91.321 853 92	+35.474 547 00		−3.58	3.38	−1.69	1.29	0.86	1.38	1.89	0.97	−9	+18	−13	+24	−27	+15	−7	−54	+29	+11	0	0.29
28845		06 05 19.19	−46 56 57.2	8.00		H	91.329 976 73	−46.949 224 84		5.87	−17.91	−64.97	0.61	0.65	0.71	0.77	0.84	−2	−1	−6	+8	+10	−1	+10	+20	−25	−5	0	0.19
28846		06 05 19.54	+29 02 54.3	9.33		H	91.331 421 30	+29.048 417 07		5.14	−4.99	5.53	1.47	0.84	1.55	1.58	0.87	−22	+51	−14	+16	−8	+9	+5	−46	+6	−2	0	1.04
28847		06 05 22.71	+00 36 46.4	7.03		H	91.344 608 87	+00.612 875 19		3.82	5.95	−14.48	0.84	0.59	0.97	0.76	0.61	−15	+51	−21	−31	+8	−29	+2	−46	−4	+3	2	0.45
28848		06 05 22.80	+09 16 46.7	8.95		H	91.344 997 15	+09.279 634 11		2.80	2.20	−10.91	1.47	1.18	1.34	1.73	1.35	+47	+26	−22	−57	−57	+4	−49	−77	+12	+63	0	−0.12
*28849		06 05 23.86	−81 59 26.6	8.29		H	91.349 433 89	−81.990 734 40		4.75	4.64	25.52	0.59	0.64	0.68	0.65	0.87	−4	+29	−5	−2	−9	+14	−12	−11	−7	−15	0	−0.69
*28850		06 05 23.85	+11 42 56.4	8.94		H	91.349 354 24	+11.715 665 64		−1.19	0.23	−5.67	1.10	0.73	1.15	1.21	0.84	−11	+27	−3	−27	+14	−1	+14	−49	−11	+5	0	1.71
28851		06 05 24.00	+33 44 01.7	8.51	2	H	91.349 979 63	+33.733 799 77		2.75	−1.06	−4.57	1.16	0.64	1.19	1.57	0.74	−25	+35	−21	+25	+5	+8	+14	−48	+24	−16	0	1.49
28852	H	06 05 24.67	−28 40 38.1	7.58	2	G	91.352 780 01	−28.677 249 63	A	10.29	2.42	−67.66	1.53	2.02	1.91	1.45	1.94	−15	+8	+5	−3	−3	+1	−4	−25	−19	−16	13	2.92
28853		06 05 25.84	+39 22 12.9	9.35		H	91.357 659 43	+39.370 244 29		5.01	16.24	−36.17	1.44	0.83	1.57	1.68	0.91	−16	+44	−21	+13	+0	+22	+24	−44	+23	+27	0	−1.25
28854		06 05 27.02	−10 14 33.6	5.88		H	91.362 581 58	−10.242 659 12		16.96	21.43	26.03	0.64	0.53	0.86	0.68	0.59	+36	+17	−26	−30	−25	−1	−29	−20	−22	+24	0	0.72
28855		06 05 27.17	−35 30 49.3	5.80		H	91.363 203 78	−35.513 686 51		12.40	13.88	16.09	0.42	0.45	0.55	0.49	0.51	−4	+21	−18	+13	−12	+24	−7	+15	+3	+3	0	−0.01
28856		06 05 28.41	−33 30 06.7	7.44		H	91.368 386 74	−33.501 875 00		3.51	−6.12	−0.70	0.48	0.53	0.65	0.54	0.61	−11	+14	−19	+22	−16	+17	−14	+11	+4	−16	0	−0.49
28857		06 05 29.95	−40 03 38.3	7.82		H	91.374 806 33	−40.060 646 09		1.18	1.61	−24.08	0.55	0.57	0.65	0.53	0.59	−1	−2	+3	−9	−14	+12	−16	−8	−6	−16	0	−0.50
28858		06 05 30.46	−27 11 35.2	8.86		H	91.376 903 44	−27.193 104 07		4.90	4.01	−8.31	0.66	0.79	1.13	0.86	0.85	−7	−1	−1	−5	+2	+36	+3	−2	−10	−18	0	−0.02
28859		06 05 30.88	−51 18 10.5	9.13		H	91.378 653 09	−51.302 911 75		2.02	16.16	28.69	0.76	0.81	0.84	0.90	1.07	+3	+11	−15	−23	−5	−9	−7	−11	−7	−3	0	1.20
28860		06 05 32.58	+60 40 26.9	8.59		H	91.385 737 14	+60.674 140 70		5.66	3.11	−25.63	0.79	0.67	1.07	0.95	0.70	−1	+8	−10	−15	−7	−1	−5	−25	+22	−15	0	0.38
28861		06 05 33.90	+33 35 56.7	6.23		H	91.391 257 55	+33.599 071 87		3.48	−3.68	−9.09	0.81	0.47	0.87	1.18	0.56	−6	+21	−19	+28	−1	−12	+0	−39	+24	−9	0	−0.50
28862		06 05 34.06	−00 32 26.7	8.23		H	91.391 917 39	−00.540 753 24		2.70	25.35	−16.50	0.98	0.77	1.02	1.11	0.94	−12	+23	+12	−41	+22	+1	+14	−61	−27	−17	0	1.37
28863	H	06 05 34.42	−04 47 04.1	8.83		H	91.393 402 22	−04.784 470 03	A	3.69	0.27	−3.30	3.00	2.27	3.07	2.40	2.13	−24	+40	−31	−24	+26	−10	+16	−42	+7	−48	2	1.57
28864		06 05 39.47	−06 03 15.0	9.77	2	H	91.414 466 21	−06.054 172 04		3.28	−4.02	−0.04	1.54	1.22	1.64	1.65	1.44	+10	+34	+5	−48	−5	−13	−11	−46	−22	−11	2	−0.12
28865		06 05 41.05	+51 54 04.5	8.15		H	91.421 046 50	+51.901 247 55		2.42	9.32	−29.86	0.92	0.65	1.11	1.07	0.67	+19	+23	−24	+31	+37	−15	+33	+19	+4	+26	0	1.58
28866		06 05 41.31	−17 13 21.4	9.59		H	91.422 125 44	−17.222 624 15		2.16	−2.14	−1.19	1.02	0.96	1.42	1.12	0.99	−17	+15	+0	+23	−57	+17	−55	+18	+2	+0	1	−0.29
28867		06 05 41.36	−31 23 28.5	8.75		H	91.422 334 03	−31.391 252 83		3.46	1.92	6.96	0.62	0.90	0.96	0.71	1.11	−10	+8	−4	−7	+4	+14	+3	−41	+4	−15	1	0.48
28868		06 05 42.05	+71 01 33.6	8.78		H	91.425 189 44	+71.025 988 70		12.37	−42.70	4.71	0.48	0.75	1.03	0.57	0.88	+4	+12	+0	+17	+15	+8	+16	−9	−4	+9	2	0.62
28869		06 05 42.08	−61 44 55.0	7.84		H	91.425 335 20	−61.748 607 07		20.51	−52.32	11.75	0.66	0.53	0.68	0.71	0.76	−17	+26	+0	+10	−9	−2	−15	−11	−9	−22	1	1.10
28870		06 05 42.23	−06 06 39.6	8.66		H	91.425 964 02	−06.111 005 39		4.38	−10.70	1.54	1.08	0.93	1.22	1.22	1.08	+5	+12	+2	−45	+4	+2	+0	−48	−22	−16	2	0.31
28871		06 05 43.47	+24 08 42.6	10.89		G	91.431 118 32	+24.145 172 68		−1.33	−6.07	6.46	3.05	2.27	2.98	3.43	2.36	+16	+34	−19	−48	−36	+16	−23	−82	+12	+35	2	0.69
28872		06 05 44.73	+36 56 04.3	8.78		H	91.436 387 02	+36.934 513 95		11.35	−6.37	−69.63	1.08	0.72	1.35	1.55	0.82	−16	+22	−25	+4	−12	+38	+13	−55	+34	+18	2	−0.22
28873		06 05 45.21	−57 59 18.2	8.56		H	91.438 379 40	−57.988 379 94		3.08	3.03	13.30	0.65	0.71	0.70	0.74	0.85	−13	+14	−3	+12	−5	+3	−10	−14	−3	−28	0	0.85
28874		06 05 45.54	−24 11 43.9	6.74	3	H	91.439 765 47	−24.195 518 08		3.63	9.12	−21.66	0.37	0.56	0.78	0.50	0.69	−7	+9	−7	+26	−10	+3	−9	+11	+9	−10	1	1.31
28875		06 05 46.81	−54 30 33.6	8.31		H	91.445 042 17	−54.509 347 18		4.64	5.76	−4.32	0.67	0.63	0.70	0.72	0.78	+4	−3	−10	+4	−2	+16	+0	−1	−3	−1	0	1.05
28876		06 05 47.74	−26 19 28.1	8.91		H	91.448 904 51	−26.324 468 10		3.29	3.43	−1.36	0.59	0.77	1.04	0.74	0.87	+1	+0	−25	+2	−4	+7	−1	+13	+0	−3	0	1.06
28877		06 05 48.34	−16 57 33.8	7.87		G	91.451 397 97	−16.959 384 07		5.63	−2.70	1.70	0.63	0.57	0.85	0.77	0.58	−12	+6	−7	+17	−58	+22	−52	+13	+5	+3	0	−0.57
28878		06 05 50.04	−43 56 10.7	7.51		H	91.458 504 33	−43.936 292 35		10.23	−19.79	−36.11	0.57	0.52	0.60	0.58	0.57	+8	+9	−10	−28	−11	+7	−9	+7	+1	+1	0	−1.11
28879		06 05 50.41	−16 14 10.4	8.10		H	91.460 046 77	−16.236 214 37		1.26	−5.83	−12.52	0.69	0.63	1.02	0.85	0.66	−11	+9	−2	+8	−63	+24	−60	+9	+8	+17	1	−0.62
28880		06 05 51.14	−78 57 24.8	9.93		G	91.463 067 43	−78.956 884 28		5.47	−20.65	57.94	0.85	1.01	0.99	1.01	1.30	−6	+7	−11	+12	+4	−4	+3	+3	−14	−4	0	−0.29
28881		06 05 52.46	+48 14 57.4	6.77		H	91.468 575 68	+48.249 286 69		0.21	−1.92	−1.74	0.69	0.46	0.86	0.78	0.49	−1	+35	−24	+13	+33	+0	+37	−13	+21	+13	0	0.20
28882		06 05 52.58	+05 44 16.6	7.86		H	91.469 082 33	+05.737 933 43		3.11	−3.71	−4.63	0.85	0.57	0.99	0.92	0.62	+3	+34	−22	+3	+20	−30	+11	−10	−14	+24	0	−1.41
28883		06 05 53.90	−05 03 38.6	8.50		H	91.474 585 92	−05.060 715 69		6.11	0.31	−4.68	1.05	0.81	1.23	1.07	0.88	−20	+46	−26	−7	+12	−14	−2	−22	−16	−16	0	0.26
28884		06 05 55.23	+26 33 20.7	9.42		G	91.480 137 22	+26.555 749 82		23.97	−179.65	−375.57	1.38	0.85	1.45	1.82	0.96	−4	+10	+10	+24	−5	−11	−15	−37	+6	−29	2	0.62
28885		06 05 55.49	+40 41 20.4	8.40		G	91.481 209 53	+40.689 005 55		−0.34	1.80	−1.11	1.01	0.62	1.05	1.35	0.71	+17	+23	−3	+19	−18	+8	−5	−36	+12	+36	0	−1.18
28886		06 05 55.68	−13 14 52.1	7.19		H	91.481 998 88	−13.247 793 25		6.92	−0.40	3.86	0.63	0.57	0.85	0.85	0.65	+13	+6	−33	−28	−34	+32	−24	−26	+6	+15	0	−1.33
28887		06 05 57.49	+07 19 05.3	10.31		G	91.489 521 11	+07.318 132 50		1.80	89.20	−243.88	1.80	1.17	1.95	1.99	1.31	+0	+40	−11	−22	+1	−4	−1	−49	−3	+5	0	−0.91
28888		06 05 57.79	−42 47 25.9	8.68		H	91.490 793 83	−42.790 534 23		1.97	−0.92	−17.71	0.64	0.67	0.78	0.74	0.83	−3	+0	−7	−6	−6	+28	−6	+10	−5	+5	0	−2.19
28889		06 05 57.84	−06 37 50.1	8.31		H	91.490 991 41	−06.630 577 80		5.25	4.67	−6.40	1.14	0.98	1.27	1.60	1.31	+10	+20	−16	−42	−21	−1	−15	−53	+9	+34	0	2.38
28890		06 05 58.31	+31 57 02.8	7.62		H	91.492 955 18	+31.950 767 76		4.28	0.37	−35.48	0.94	0.56	0.98	1.08	0.60	−5	+38	−12	+16	−7	+6	+5	−39	+10	+15	4	1.84
28891	H	06 05 58.71	−65 18 26.0	8.94		H	91.494 624 70	−65.307 229 37	A	4.42	−10.74	17.66	1.94	1.81	1.40	1.43	1.58	+3	+25	+6	−24	−8	−9	−17	−34	−2	−14	1	0.44
28892		06 05 59.05	+72 23 58.0	8.49		H	91.496 047 98	+72.399 454 34		3.29	3.35	−24.64	0.48	0.83	1.06	0.51	0.95	+14	+9	−7	+15	+4	+13	+7	−1	+5	+20	0	−0.32
28893		06 06 00.30	+09 52 18.9	8.51		H	91.501 251 54	+09.871 913 09		1.41	−1.42	−2.72	1.28	0.91	1.29	1.76	1.08	+34	+20	−25	−36	−45	+9	−40	−57	+14	+37	0	−0.65
28894	H	06 06 00.89	+12 28 45.7	7.70		H	91.503 691 55	+12.479 367 02	A	2.77	2.95	−10.33	1.45	0.98	1.31	1.58	1.00	−28	+51	−24	−42	+21	−13	+19	−64	+16	−33	1	−1.07
*28895		06 06 01.86	−55 58 10.0	8.08		H	91.507 761 33	−55.969 445 32	A	5.63	−41.36	5.96	0.94	0.88	0.85	1.08	0.91	+5	−3	−3	+3	−9	−6	−10	−5	+6	−6	2	2.02
*28896		06 06 01.81	−24 55 19.4	8.50		H	91.507 544 18	−24.922 049 29		1.24	−0.74	−3.04	0.50	0.69	0.95	0.61	0.80	−1	+4	−11	+5	−7	−1	−5	+23	−3	−8	1	−0.40
28897		06 06 02.24	−05 52 48.6	6.88	1	H	91.509 334 11	−05.880 176 81		4.38	19.33	−11.97	0.93	0.72	0.99	1.06	0.89	+3	+22	−1	−49	+5	−6	+3	−43	−19	−29	0	1.70
28898		06 06 03.76	−59 32 29.0	8.45		G	91.515 681 73	−59.541 375 68		36.53	−224.85	−742.58	0.71	0.64	0.74	0.92	0.95	−17	−9	+12	+24	−4	−12	−9	−33	−8	−26	1	0.69
28899		06 06 05.53	−29 45 30.7	5.79		H	91.523 048 62	−29.758 522 27		12.25	10.94	−41.69	0.40	0.46	0.56	0.47	0.49	−2	+15	−8	−5	−11	+9	−10	−25	+7	−14	2	1.55
28900		06 06 05.58	−33 13 09.4	6.70		H	91.523 234 83	−33.219 283 33		8.27	41.34	38.98	0.44	0.49	0.64	0.49	0.56	−1	+11	−19	+6	−11	+29	−6	+4	+4	−2	1	0.91

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″		ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65		66	67	68-70
28801	9.080	0.015	9.038	0.020		0.043	0.023	T	0.06	0.02	L	9.0542	0.0015	0.014	70		9.04	9.08					1							
28802	7.648	0.009	7.778	0.011		−0.110	0.015	G	−0.09	0.02	H	7.7659	0.0012	0.009	75		7.74	7.78		C			1							S
28803	9.976	0.021	8.205	0.009		1.476	0.018	T	1.49	0.03	L	8.1678	0.0015	0.015	125		8.15	8.19					1							
28804	10.008	0.029	8.049	0.012		1.625	0.025	T	1.65	0.03	L	7.8958	0.0025	0.019	99		7.87	7.93		U			1							
28805	9.699	0.017	8.073	0.009		1.361	0.015	T	1.33	0.02	L	8.0761	0.0013	0.013	141		8.05	8.11		C			1							
28806	10.721	0.052	9.700	0.034		1.004	0.008	G	0.98	0.01	H	9.7163	0.0018	0.015	83		9.69	9.74		C			1							G
28807	8.358	0.009	8.259	0.011		0.097	0.013	T	0.11	0.01	L	8.2666	0.0015	0.016	115		8.24	8.29					1							S
28808	8.314	0.008	7.900	0.009		0.391	0.011	T	0.46	0.01	L	7.9465	0.0012	0.012	151		7.93	7.97		C			1							S
28809	8.042	0.012	7.993	0.013		0.033	0.002	G	0.05	0.00	H	8.0066	0.0021	0.013	62		7.99	8.04			06049−0521	I 1	1							S
28811	8.701	0.014	8.187	0.013		0.503	0.015	G	0.58	0.02	H	8.2282	0.0020	0.012	66		8.21	8.25		C	06050−0108	I 1	1	G						
28812	6.995	0.005	5.777	0.004		1.047	0.001	G	0.96	0.04	E	5.8371	0.0008	0.006	66		5.82	5.85		C			1							S
28813	7.321	0.006	6.776	0.006		0.508	0.001	G	0.58	0.00	H	6.8345	0.0007	0.007	79		6.83	6.85		C			1							S
28814	6.940	0.006	5.743	0.004		1.041	0.007	G	0.97	0.04	E	5.7947	0.0009	0.006	74		5.78	5.80		C			1							S
28815	9.268	0.023	8.936	0.025		0.315	0.032	T	0.36	0.04	L	9.0223	0.0018	0.014	64		9.00	9.05		C	06050+1819	I 1	1							
28816	5.197	0.002	4.992	0.002		0.196	0.003	T	0.21	0.00	L	4.9878	0.0012	0.017	195		4.96	5.01		U 2			1	S						S
28817	9.700	0.017	8.565	0.011		0.976	0.016	T	0.96	0.01	L	8.6290	0.0012	0.014	142		8.60	8.66					1							
28818	7.714	0.008	7.649	0.009		0.065	0.011	T	0.07	0.01	L	7.6771	0.0012	0.011	86		7.66	7.70		C			1							S
28819	10.581	0.035	9.707	0.025	A	1.087	0.197	G	1.05	0.16	R	*	9.6369	0.0036	0.027	106	*	9.59	9.69		D	06050−4912	I 1	2	C	A	AB	61	1.314	0.021	1.77	0.08	
28820	7.354	0.006	6.420	0.004	*	0.825	0.005	T	0.85	0.00	L	*	6.4724	0.0011	0.008	102	*	6.46	6.49		D	06051+3757	I 1	2	C	S A	AD	205	0.183	0.008	1.57	0.14	S
28821	8.920	0.016	8.607	0.017		0.297	0.022	T	0.34	0.03	L	8.6637	0.0018	0.017	63		8.64	8.71					1							
28822	8.924	0.013	8.711	0.014		0.203	0.018	T	0.22	0.02	L	8.7601	0.0019	0.019	138		8.72	8.81					1							
28823	6.300	0.004	5.933	0.004		0.358	0.005	T	0.42	0.01	L	5.9839	0.0004	0.005	121		5.98	5.99					1							S
28824	9.762	0.020	8.621	0.013		1.010	0.015	G	0.99	0.01	H	8.6863	0.0013	0.016	138		8.66	8.71					1							
28825	10.093	0.026	8.298	0.011		1.495	0.022	T	1.52	0.03	L	8.2266	0.0016	0.016	88		8.20	8.25					1							
28826	10.096	0.025	8.113	0.010		1.644	0.021	T	1.67	0.02	L	8.0406	0.0018	0.017	116		8.01	8.07					1							
28827	8.637	0.010	6.919	0.005		1.434	0.009	T	1.43	0.01	L	6.9000	0.0010	0.009	110		6.88	6.91					1							S
28828	10.959	0.031	9.820	0.019		0.976	0.020	G	0.96	0.02	H	9.8732	0.0020	0.024	232		9.81	9.92					1							
28829	7.756	0.007	6.442	0.005		1.116	0.007	T	1.08	0.01	L	6.4902	0.0010	0.008	98		6.48	6.51		C			1							S
28830	8.264	0.010	7.139	0.007		0.969	0.010	T	0.95	0.01	L	7.2016	0.0010	0.008	68		7.19	7.22			06051+0052	I 1	1							S
28831	8.268	0.008	6.451	0.004		1.512	0.007	T	1.54	0.01	L	6.4003	0.0008	0.009	163		6.39	6.42		M			1							S
28832	8.150	0.011	8.115	0.014	*	0.037	0.017	T	0.05	0.01	L	*	8.1189	0.0015	0.011	69	*	8.10	8.14		D	06052+0708	I 1	2	C	A	AB	43	0.453	0.006	1.31	0.02	S
28833	9.622	0.021	8.526	0.014		0.947	0.019	T	0.94	0.01	L	8.5733	0.0022	0.019	70		8.54	8.60					1							
28834	7.899	0.011	7.766	0.011		0.128	0.015	T	0.14	0.01	L	7.7984	0.0011	0.008	66		7.79	7.82		C			1							S
28835	8.665	0.013	8.029	0.011		0.593	0.015	G	0.66	0.01	H	8.0840	0.0023	0.014	78		8.06	8.11		C			1							S
28836	8.336	0.008	8.025	0.009		0.297	0.013	T	0.34	0.02	L	8.0898	0.0015	0.013	133		8.06	8.12					1							S
28837	8.872	0.012	8.767	0.014		0.102	0.017	T	0.12	0.02	L	8.8185	0.0018	0.016	113		8.79	8.85		C			1							
28838	8.923	0.013	8.529	0.013		0.373	0.017	T	0.44	0.02	L	8.5700	0.0017	0.015	126		8.55	8.60		C			1							S
28839	8.362	0.010	7.263	0.007		0.949	0.009	T	0.94	0.01	L	7.3359	0.0011	0.009	109		7.32	7.35		C			1							S
28840	8.535	0.013	8.341	0.015	A	0.090	0.042	G	0.06	0.03	L	*	7.7418	0.0011	0.014	191	*	7.72	7.77		D	06053−2502	I 1	2	C	A	AB	296	4.597	0.002	0.04	0.01	S
28841	11.162	0.062	9.551	0.027		1.349	0.053	T	1.31	0.06	L		9.5679	0.0023	0.019	89		9.53	9.60		C			1							
28842	8.078	0.006	7.499	0.006	*	0.541	0.007	T	0.61	0.01	L	*	7.5486	0.0011	0.012	174	*	7.53	7.57		D	06053+7400	I 1	2	C	A	AB	231	0.275	0.003	0.85	0.04	S
28843	9.767	0.024	8.522	0.015	*	1.062	0.022	T	1.03	0.02	L	*	8.5730	0.0022	0.013	82	*	8.55	8.60		D	06053+2123	H 1	2	C	A	AB	200	0.318	0.027	2.90	0.21	
28844	9.553	0.022	9.396	0.027		0.250	0.015	G	0.28	0.02	H		9.3709	0.0020	0.015	82		9.33	9.39		C			1							
28845	9.255	0.014	8.110	0.009		0.984	0.013	T	0.96	0.01	L		8.1615	0.0017	0.015	117		8.13	8.18					1							S
28846	9.839	0.023	9.353	0.024		0.457	0.030	T	0.53	0.03	L		9.4272	0.0021	0.017	86		9.40	9.46					1							
28847	9.116	0.017	7.208	0.008		1.600	0.015	G	1.61	0.09	H		7.1427	0.0012	0.010	71		7.12	7.16					1							S
28848	9.427	0.020	8.990	0.020		0.413	0.026	T	0.48	0.03	L		9.0448	0.0030	0.024	65		9.01	9.13					1							
28849	8.338	0.009	8.300	0.011		0.035	0.013	T	0.05	0.01	L		8.3124	0.0014	0.013	117		8.29	8.33					1							S
28850	10.539	0.042	9.087	0.021		1.224	0.037	T	1.18	0.04	L		9.1025	0.0019	0.015	84		9.08	9.13		C			1							
28851	8.473	0.013	8.519	0.017		−0.037	0.019	T	−0.01	0.02	L		8.5019	0.0027	0.031	84		8.48	8.57	4.04	P 1 A			1							
28852	8.009	0.011	7.538	0.011	*	0.451	0.015	G	0.52	0.02	H	*	7.6888	0.0024	0.039	146	*	7.66	7.84		U 2 C	06054−2840	I 1	2	C	A	AB	3	6.269	0.005	0.18	0.02	S
28853	10.032	0.028	9.429	0.026		0.562	0.034	T	0.64	0.03	L		9.4715	0.0018	0.018	94		9.44	9.51		C			1							
28854	6.303	0.004	5.920	0.003		0.374	0.004	T	0.44	0.00	L		5.9699	0.0009	0.007	91		5.96	5.98					1							S
28855	5.829	0.002	5.800	0.003		0.027	0.003	T	0.04	0.00	L		5.8186	0.0006	0.006	139		5.81	5.83					1							S
28856	7.436	0.005	7.437	0.006		−0.005	0.002	G	0.02	0.00	H		7.4504	0.0007	0.009	133		7.44	7.47		D			1							S
28857	9.782	0.018	7.973	0.008		1.506	0.016	T	1.54	0.02	L		7.9476	0.0017	0.014	133		7.92	7.97					1							
28858	10.016	0.022	8.930	0.014		0.939	0.020	T	0.93	0.01	L		9.0216	0.0017	0.020	155		8.98	9.06		C			1							
28859	10.488	0.035	9.288	0.021		1.027	0.032	T	1.00	0.03	L		9.3007	0.0015	0.015	95		9.27	9.33					1							
28860	8.948	0.013	8.604	0.013		0.326	0.017	T	0.38	0.02	L		8.6749	0.0022	0.022	134		8.63	8.71					1							S
28861	6.121	0.004	6.208	0.005		−0.079	0.001	G	−0.06	0.00	H		6.2081	0.0006	0.006	77		6.20	6.22		C			1							S
28862	9.547	0.021	8.364	0.014		1.014	0.020	T	0.99	0.02	L		8.3984	0.0011	0.010	74		8.38	8.42		D			1							
28863	8.939	0.019	8.905	0.023	A	0.000	0.495	G	0.01	0.02	L	*	8.8369	0.0027	0.012	54	*	8.82	8.86		D	06056−0447	I 1	2	C	A	AB	181	1.753	0.018	2.25	0.19	
28864	9.785	0.026	9.757	0.035		0.031	0.040	T	0.05	0.03	L		9.7865	0.0083	0.037	67		9.73	9.85		U			1							G
28865	10.265	0.031	8.331	0.012		1.605	0.026	T	1.62	0.03	L		8.2634	0.0018	0.014	104		8.23	8.28		C			1							
28866	9.759	0.017	9.623	0.022		0.123	0.026	T	0.14	0.03	L		9.6371	0.0027	0.026	149		9.59	9.69					1	S						
28867	9.914	0.019	8.832	0.013		0.936	0.018	T	0.93	0.01	L		8.9089	0.0019	0.019	132		8.87	8.94					1							
28868	9.411	0.011	8.839	0.010		0.535	0.013	T	0.61	0.01	L		8.8984	0.0016	0.022	236		8.86	8.94					1							
28869	8.551	0.011	7.902	0.010		0.595	0.011	T	0.67	0.01	L		7.9726	0.0020	0.020	98		7.94	8.00					1							S
28870	8.896	0.015	8.675	0.016		0.211	0.021	T	0.23	0.02	L		8.7292	0.0019	0.017	73		8.71	8.75		C			1							
28871						1.238	0.007	G	1.20	0.01	H		11.0776	0.0044	0.033	69		11.01	11.14		C			1							G
28872	9.372	0.016	8.816	0.015		0.521	0.020	T	0.59	0.02	L		8.8916	0.0012	0.015	104		8.86	8.92		D			1							
28873	9.866	0.020	8.663	0.012		1.029	0.018	T	1.00	0.01	L		8.7238	0.0014	0.016	112		8.69	8.76		C			1							
28874	8.691	0.007	6.995	0.004		1.444	0.007	T	3.68	0.06	O		6.3572	0.0260	0.222	188		6.09	6.88		U 2 B			1	S						S
28875	9.622	0.017	8.440	0.011		1.013	0.016	T	0.99	0.01	L		8.4761	0.0016	0.014	109		8.45	8.50		C			1							
28876	9.010	0.011	8.924	0.013		0.078	0.015	T	0.09	0.02	L		8.9442	0.0020	0.020	176		8.90	8.99					1							
28877	7.901	0.006	7.879	0.007		0.029	0.002	G	0.05	0.00	H		7.8880	0.0014	0.016	164		7.87	7.91					1							S
28878	7.716	0.006	7.521	0.008		0.168	0.015	G	0.18	0.01	H		7.5635	0.0010	0.009	113		7.55	7.58		C			1							S
28879	9.380	0.015	8.230	0.010		0.988	0.014	T	0.97	0.01	L		8.2641	0.0013	0.015	203		8.24	8.29		C			1							
28880	10.540	0.038	9.926	0.034		0.534	0.013	G	0.61	0.01	H		10.0527	0.0034	0.027	102		10.00	10.09					1							
28881	6.633	0.004	6.752	0.005		−0.102	0.006	T	−0.09	0.01	L		6.7363	0.0008	0.009	104		6.72	6.75		C	06059+4815	I 1	1							S
28882	7.756	0.009	7.836	0.009		−0.068	0.011	T	−0.05	0.01	L		7.8453	0.0012	0.009	81		7.83	7.86		C			1							S
28883	8.838	0.017	8.524	0.018		0.298	0.023	T	0.34	0.03	L		8.5731	0.0021	0.017	62		8.54	8.60		C			1							
28884	10.611	0.043	9.549	0.028		0.888	0.009	G	0.93	0.01	H		9.5439	0.0027	0.019	87		9.52	9.58		C			1							G
28885	8.531	0.010	8.408	0.011		0.120	0.015	G	0.13	0.01	H		8.4479	0.0015	0.016	100		8.42	8.47		C			1							
28886	7.520	0.007	7.232	0.007		0.274	0.009	T	0.31	0.01	L		7.2627	0.0018	0.012	96		7.24	7.28			06059−1315	I 1	1							S
28887	10.999	0.069	10.437	0.065		0.676	0.036	G	0.74	0.03	H		10.4468	0.0032	0.025	62		10.40	10.48		C			1							G
28888	9.879	0.021	8.779	0.014		0.950	0.019	T	0.94	0.01	L		8.8447	0.0017	0.016	129		8.82	8.87		C			1							
28889	8.569	0.013	8.360	0.015		0.200	0.019	T	0.22	0.02	L		8.3791	0.0021	0.013	64		8.36	8.40					1	G						
28890	9.085	0.015	7.708	0.009		1.165	0.014	T	1.13	0.01	L		7.7858	0.0011	0.009	91		7.77	7.81					1							S
28891	9.334	0.017	9.013	0.018	*	0.305	0.023	T	0.35	0.03	L	*	9.0171	0.0027	0.020	103	*	8.99	9.05		D	06060−6518	H 1	2	C	A	AB	1	0.379	0.004	0.91	0.03	
28892	8.676	0.008	8.500	0.009		0.169	0.011	T	0.18	0.01	L		8.5501	0.0014	0.018	207		8.52	8.58			06060+7224	I 1	1							G
28893	8.562	0.013	8.506	0.016		0.056	0.019	T	0.07	0.01	L		8.5388	0.0014	0.014	68		8.52	8.63					1							
28894	7.745	0.009	7.755	0.013	A	−0.300	0.495	G	−0.02	0.07	B	*	7.6918	0.0008	0.008	69	*	7.68	7.71		R	06060+1229	I 1	2	C	A	AB	266	2.303	0.010	2.33	0.04	S
28895	9.415	0.016	8.208	0.010	A	1.032	0.015	T	1.00	0.01	L		8.2498	0.0069	0.013	111	A	8.23	8.28			06060−5558	I 1	2	C	B	AB	292	11.879	0.028	3.47	0.17	
28896	8.518	0.008	8.487	0.010		0.000	0.005	G	0.02	0.01	H		8.5106	0.0015	0.020	188		8.48	8.55					1							
28897	8.916	0.014	7.057	0.007		1.578	0.013	T	1.80	0.05	O		6.9716	0.0032	0.019	61		6.95	7.01		U 2			1							S
28898	9.549	0.019	8.518	0.014		0.844	0.003	G	0.89	0.00	H		8.5814	0.0018	0.013	96		8.56	8.61		C			1							
28899	5.838	0.002	5.793	0.003		0.041	0.003	T	0.06	0.00	L		5.8133	0.0005	0.006	152		5.80	5.82		C			1							S
28900	7.279	0.005	6.746	0.005		0.500	0.006	T	0.57	0.01	L		6.8062	0.0007	0.009	138		6.79	6.82		C			1							S

Number HIP		Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag			Position: epoch J1991.25 α (ICRS) deg	δ deg		Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ mas/yr	Standard Errors α* mas	δ mas	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ mas/yr	Astrometric Correlations (%) δ/α*	π/α*	π/δ	$\mu_{\alpha*}$/α*	$\mu_{\alpha*}$/δ	$\mu_{\alpha*}$/π	μ_δ/α*	μ_δ/δ	μ_δ/π	μ_δ/$\mu_{\alpha*}$	Soln F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
*28901		06 06 06.02	+66 15 53.8	8.01		H	91.525 072 31	+66.264 948 78		3.02	−0.44	−0.10	0.51	0.54	0.83	0.59	0.57	+7	+20	+0	−6	+0	+1	+2	−4	+8	−6	0	−0.68
*28902		06 06 05.93	+69 28 34.6	8.29	1	H	91.524 693 47	+69.476 269 11		31.30	−123.76	−57.23	0.45	0.63	0.97	0.45	0.73	−2	+16	−7	−16	+20	+0	+24	−9	+17	+9	1	1.47
28903		06 06 06.26	+13 32 13.2	8.45		H	91.526 077 55	+13.537 013 66		3.41	−10.79	−12.41	1.02	0.65	1.05	1.16	0.79	+30	+31	−2	+4	−1	+0	+3	−25	−7	+49	0	0.99
28904		06 06 06.55	+28 56 05.2	7.48	1	H	91.527 303 89	+28.934 779 60		−1.30	−0.43	0.45	0.97	0.57	1.02	1.10	0.60	−18	+39	−18	+21	−14	+10	−3	−36	+7	+0	0	0.66
28905		06 06 07.44	+67 38 26.7	8.34		H	91.531 000 39	+67.640 757 78		27.00	39.69	−314.74	0.63	0.73	1.11	0.74	0.74	+12	+23	−7	−14	−11	−5	−6	−22	+17	+3	0	0.51
28906		06 06 07.59	−38 58 19.3	9.17		H	91.531 612 34	−38.972 015 11		8.18	82.43	45.63	0.66	0.73	0.84	0.72	0.88	−4	+25	+3	+24	−1	+14	−3	+0	−11	−3	1	−0.29
28907		06 06 07.80	+06 01 26.5	8.29		H	91.532 492 91	+06.024 015 64		2.08	4.82	−1.53	0.87	0.59	1.00	0.91	0.64	−6	+38	−28	−14	+2	−17	+4	−35	+13	+9	0	−0.07
28908		06 06 08.62	+35 23 18.4	6.12		H	91.535 933 05	+35.388 458 07		37.90	−124.24	−295.30	0.80	0.50	0.83	1.12	0.59	+6	+19	−5	+25	−19	−5	−11	−33	+19	+9	0	0.78
*28909		06 06 09.36	−66 02 22.9	5.72		H	91.539 009 39	−66.039 688 85		9.82	13.51	27.98	0.45	0.41	0.46	0.46	0.46	−10	+14	+5	−16	−6	−1	−7	−9	−10	−26	0	0.30
*28910		06 06 09.33	−14 56 07.0	4.67		G	91.538 891 72	−14.935 286 29		19.14	−16.87	13.16	0.50	0.43	0.70	0.66	0.44	+2	+8	−20	+9	−56	+31	−47	+6	+0	+26	1	−0.75
28911		06 06 10.22	+49 56 49.0	9.01		H	91.542 569 31	+49.946 955 86		1.35	−4.85	−8.37	0.99	0.63	1.18	1.07	0.65	+22	+34	−1	+28	+29	+1	+28	−2	+13	+22	0	−0.32
28912		06 06 11.37	−61 26 19.0	9.84		H	91.547 378 67	−61.438 609 64		3.13	32.82	16.90	1.01	0.73	1.00	1.18	1.10	−27	+10	−5	−7	+10	−19	+9	−38	−3	−26	0	−0.40
28913		06 06 11.54	−45 48 57.0	7.24		G	91.548 074 38	−45.815 836 93		18.22	53.18	−56.72	0.52	0.52	0.58	0.57	0.65	−3	+15	−15	+11	−1	+8	−4	+29	−19	+8	0	−0.14
28914		06 06 12.01	+64 04 54.6	7.59		H	91.550 053 38	+64.081 824 92		12.42	33.30	0.27	0.55	0.52	0.84	0.64	0.55	−15	+24	−8	−9	+4	−5	+7	−14	+15	−11	0	0.64
28915		06 06 12.05	−10 53 13.5	8.66		H	91.550 191 53	−10.887 095 00		3.87	12.51	−27.39	0.71	0.63	1.17	0.91	0.87	+7	+15	−7	−28	−17	−14	−21	−12	−23	+6	0	0.98
28916		06 06 12.39	−08 52 39.4	8.86		H	91.551 642 54	−08.877 616 99		6.22	17.63	−39.75	0.94	0.92	1.26	1.00	0.96	−4	+31	−45	−21	+3	−16	+0	−28	+20	−11	0	−0.87
28917		06 06 14.62	+03 20 07.8	8.52		H	91.560 929 44	+03.335 503 27		3.94	7.11	−17.29	1.17	0.72	1.25	1.08	0.81	+18	+58	−6	−33	−17	−26	−18	−47	+0	+16	0	−0.38
28918		06 06 14.86	−07 30 23.9	10.20		H	91.561 897 29	−07.506 626 55		−3.87	−1.02	−4.27	1.90	1.74	2.07	2.27	2.15	−31	+15	−17	−56	+35	−9	+31	−61	+1	−56	0	1.02
*28919		06 06 15.71	+31 59 49.3	7.17		H	91.565 474 47	+31.997 020 09		2.39	−6.83	−3.04	0.86	0.50	0.91	1.00	0.54	−2	+36	−16	+15	−13	+2	+4	−45	+16	+22	4	1.51
*28920		06 06 15.63	+27 56 05.0	8.66		H	91.565 124 08	+27.934 714 09		2.85	−7.21	−3.45	1.14	0.72	1.31	1.21	0.69	−20	+46	−41	+8	−25	+17	−1	−50	+21	+14	0	−1.04
28921		06 06 16.63	−27 54 21.3	8.95		H	91.569 273 75	−27.905 912 32		31.38	−16.42	34.22	0.71	0.86	1.16	0.88	1.05	−14	+7	−1	−4	+0	+8	−1	+1	−21	−12	0	−0.61
28922		06 06 16.99	+29 05 49.4	7.49		H	91.570 808 46	+29.097 049 95		4.81	20.33	−54.65	0.99	0.61	1.05	1.05	0.64	−22	+45	−21	+13	−9	+14	+3	−41	+5	+1	0	0.73
28923		06 06 18.19	−31 40 14.6	8.86	1	G	91.575 796 38	−31.670 726 38		2.28	−2.07	5.32	0.64	0.81	0.95	0.74	1.00	−13	+14	−3	−11	+7	+20	+8	−34	+1	−15	0	0.78
28924	H	06 06 18.46	−52 19 16.6	8.26		G	91.576 910 12	−52.321 282 76	A	2.20	−2.40	9.57	1.96	1.90	1.48	2.01	1.88	+38	−14	−11	+4	+2	−9	+2	+7	−8	+35	1	0.08
28925		06 06 18.48	+57 16 49.5	8.67		H	91.576 984 41	+57.280 414 04		5.32	23.56	−10.84	0.91	0.75	1.20	1.17	0.96	+9	+25	−14	+0	+7	+2	+14	−10	+28	+26	0	−0.12
28926		06 06 20.40	−69 15 29.7	8.85		H	91.584 981 71	−69.258 255 87		5.17	−3.94	−14.31	0.75	0.67	0.73	0.93	0.83	−16	+19	−5	−9	+2	−2	+3	−2	+0	−33	1	1.12
28927		06 06 21.01	−76 21 37.6	8.86		H	91.587 557 56	−76.360 456 00		2.76	2.96	−6.81	0.80	0.86	0.89	0.83	1.16	−12	−1	−8	−23	+3	+26	+5	−24	−19	−18	0	0.01
28928		06 06 21.80	−53 05 08.0	8.90		H	91.590 822 50	−53.085 558 90		2.29	−0.60	18.94	0.69	0.77	0.78	0.72	0.94	+2	+3	−16	−6	−3	+1	−4	+11	−12	+5	0	0.35
28929		06 06 21.91	+31 24 48.3	8.09		G	91.591 309 23	+31.413 405 58		3.27	−10.59	−5.25	1.03	0.68	1.11	1.19	0.73	−4	+36	−18	−3	−15	+1	+5	−57	+16	+28	0	2.93
28930		06 06 22.44	+29 30 44.7	6.01	2	H	91.593 490 85	+29.512 425 09		3.65	12.72	−4.67	0.86	0.51	0.90	1.00	0.57	−20	+46	−21	+20	−6	+6	−4	−33	+1	−15	0	0.30
28931		06 06 23.54	−67 25 16.2	8.20		H	91.598 068 00	−67.421 164 71		1.71	−4.19	13.16	0.63	0.59	0.66	0.68	0.69	+19	+3	+5	−15	+8	−2	+7	−9	−13	+33	0	0.63
28932		06 06 24.06	+26 31 32.1	7.70		H	91.600 246 40	+26.525 578 05		5.04	1.77	−14.66	0.97	0.57	0.99	1.25	0.65	−9	+25	+6	+31	−12	−12	−15	−20	+5	−25	2	0.90
28933		06 06 24.43	−00 57 48.0	7.44		H	91.601 802 87	−00.963 344 65		5.34	−13.97	−10.80	0.80	0.64	0.89	0.87	0.76	−20	+19	+1	−24	+28	−6	+23	−37	−27	−12	0	1.07
28934		06 06 24.64	−34 43 23.7	8.29		H	91.602 649 20	−34.723 246 06		5.28	−0.78	9.05	0.57	0.62	0.77	0.67	0.74	−12	+24	−22	−20	+2	−6	−1	+1	−5	−2	0	0.89
28935		06 06 24.68	+63 50 09.3	8.40		H	91.602 850 03	+63.835 908 94		32.95	−7.71	−319.81	0.67	0.63	1.06	0.79	0.66	−14	+26	−7	−10	+1	−11	+5	−4	+20	−12	0	0.27
28936		06 06 26.70	+10 44 54.5	9.73		H	91.611 270 19	+10.748 478 90	B	5.29	4.67	−21.03	88.87	53.33	2.42	3.29	2.10	+13	+10	−1	+4	+0	+41	+3	+3	+33	+50	3	0.59
28937		06 06 28.04	+10 45 01.2	7.19		G	91.616 837 80	+10.750 336 52	A	5.29	4.67	−21.03	2.60	2.22	2.42	3.29	2.10	+19	−10	−36	−44	−27	+41	−19	−43	+33	+50	3	0.59
28938		06 06 28.77	+13 14 31.9	9.01		H	91.619 878 99	+13.242 204 89		0.58	−2.48	−5.08	1.40	0.74	1.52	1.24	0.83	+3	+64	−23	−23	−19	−5	−5	−52	+11	+37	3	0.71
28939		06 06 28.91	+27 03 20.1	8.62		H	91.620 440 41	+27.055 573 83		1.71	−1.74	−3.57	1.00	0.59	1.06	1.14	0.63	−12	+36	−8	+17	−1	−2	−5	−28	−1	−19	0	−0.46
*28940		06 06 29.90	+04 30 48.2	10.88		G	91.624 594 70	+04.513 391 00		17.02	153.42	−788.58	2.33	1.52	2.57	2.34	1.66	−26	+49	−29	−8	+12	−5	+13	−41	+8	−14	0	−0.19
*28941		06 06 29.85	−72 30 42.2	9.10		G	91.624 376 46	−72.511 728 32		22.11	0.50	−384.46	0.81	0.74	0.81	0.95	1.00	−6	+27	−5	−23	+2	−4	+2	−6	−3	−10	0	−0.91
28942		06 06 30.05	+73 43 25.6	9.59		H	91.625 213 94	+73.723 787 21		4.43	2.01	−0.30	0.74	1.10	1.35	0.76	1.33	+7	+22	+1	+9	+4	+8	+6	+15	+14	+17	0	1.76
28943		06 06 32.10	−23 06 38.8	5.46		G	91.633 763 34	−23.110 776 41		6.86	−10.39	−28.58	0.35	0.52	0.75	0.45	0.67	−18	+14	−27	+1	−11	−6	−15	−12	+7	−0	0	0.38
28944		06 06 34.34	−22 08 41.4	8.03		G	91.643 099 09	−22.144 834 88		3.70	−7.00	7.90	0.49	0.63	0.95	0.58	0.72	−16	+17	+1	+23	−8	−5	−9	+15	+0	−30	1	−0.09
28945		06 06 34.95	+26 19 45.2	9.83	3	H	91.645 609 92	+26.329 223 03	*	−2.25	−6.61	−0.96	2.15	1.95	2.42	2.84	2.10	−32	+17	−45	−26	+9	+8	+17	−78	+53	−9	5	0.52
28946		06 06 35.09	+38 28 58.0	5.35		H	91.646 207 01	+38.482 772 33		8.57	10.76	−52.70	0.77	0.54	0.84	1.01	0.58	+6	+19	+12	−11	+3	+27	+5	−55	−1	+20	0	0.51
28947		06 06 36.37	+39 05 45.4	8.73		H	91.651 538 01	+39.095 931 88		11.50	−27.35	−154.73	1.14	0.78	1.33	1.56	0.88	−2	+4	−20	−6	−20	+28	−3	−59	+29	+26	0	1.36
28948		06 06 38.38	−16 31 05.9	6.60		H	91.659 919 90	−16.518 296 30		5.78	−34.94	−39.23	0.53	0.47	0.75	0.61	0.47	+1	+12	−6	+10	−57	+26	−53	+2	+5	+18	1	−0.68
28949		06 06 38.74	−04 11 37.8	5.37		H	91.661 417 88	−04.193 824 80		1.53	−6.79	−4.65	0.63	0.52	0.75	0.66	0.56	+0	+36	−24	−14	+2	−15	+0	−27	+16	−20	0	2.36
28950		06 06 38.82	−56 06 02.2	8.45		H	91.661 766 27	−56.100 604 67		3.20	−4.90	−28.26	0.71	0.66	0.72	0.85	0.71	+5	−6	−12	+9	−8	+8	−9	−10	+7	−10	0	0.02
28951		06 06 39.20	+63 27 13.7	6.42		H	91.663 337 12	+63.453 817 13		7.87	−35.53	8.74	0.52	0.45	0.73	0.58	0.45	−5	+24	−5	−9	−3	−5	+0	−11	+10	−6	0	−0.79
28952		06 06 39.41	−41 13 12.0	7.01		G	91.664 195 58	−41.220 013 51		5.94	−2.92	−2.53	0.49	0.48	0.57	0.53	0.53	−4	+3	+11	+3	−10	+13	−12	+4	−11	−14	0	−0.13
28953		06 06 39.73	−13 25 32.5	8.98		H	91.665 543 47	−13.425 690 83		4.38	−0.77	8.26	0.80	0.76	1.13	0.96	0.92	+5	+17	−17	−26	−16	+7	−18	−26	−17	−1	2	0.04
28954		06 06 40.55	+15 32 32.5	6.76	1	H	91.668 963 43	+15.542 356 94		64.71	−122.30	−103.29	0.80	0.52	0.91	0.89	0.57	+2	+32	−23	−4	−18	+21	−1	−42	+19	+35	0	−0.49
28955		06 06 40.58	+06 43 49.9	7.88		G	91.669 073 70	+06.730 518 76		2.33	2.99	2.09	0.93	0.63	1.04	0.91	0.66	−3	+35	−23	−23	−7	−2	−6	−37	+3	+11	0	0.78
28956		06 06 40.81	+85 17 04.6	7.50		H	91.670 031 17	+85.284 599 62		2.99	−3.51	−0.97	0.50	0.53	0.63	0.57	0.67	−5	−3	+2	+3	+4	+5	+5	+1	+4	−7	0	0.25
28957		06 06 41.07	−42 17 55.7	6.15		G	91.671 116 35	−42.298 797 01		10.13	−34.68	−2.92	0.78	0.87	0.96	0.86	1.19	−3	−7	−1	−10	+1	+7	+2	−3	−14	+9	0	
28958	H	06 06 42.22	+20 06 18.4	9.15		H	91.675 917 58	+20.105 117 39	A	3.28	−4.11	−3.22	4.13	2.67	3.72	4.25	2.55	+46	+36	−8	+3	+3	+3	+11	−24	+13	−42	0	−0.46
28959		06 06 42.34	+58 39 29.4	9.12		H	91.676 429 54	+58.658 169 79		2.89	4.02	−11.91	1.06	0.87	1.29	1.34	0.98	+23	+13	−11	+37	+31	−9	+31	+7	+16	+27	0	1.58
28960		06 06 42.85	−22 24 10.7	8.73		H	91.678 549 69	−22.402 963 69		5.00	−8.86	8.89	0.61	0.82	1.20	0.75	0.95	−20	+11	+8	+31	−7	+1	−13	+6	−4	−40	0	1.62
28961		06 06 42.99	+63 22 55.7	8.60		H	91.679 113 73	+63.382 142 70		0.78	−12.40	−23.75	0.80	0.75	1.13	0.88	0.71	+8	+18	−4	−5	+2	−11	+2	−13	+6	+2	0	−1.14
28962		06 06 43.15	−49 13 20.5	7.20		G	91.679 774 59	−49.222 367 26		10.27	0.02	97.56	0.54	0.52	0.58	0.63	0.66	−1	+20	−5	+10	+1	−8	+0	+21	−4	−2	0	−0.63
28963		06 06 43.65	+72 36 11.3	7.40		H	91.681 856 42	+72.603 132 66		13.19	10.43	−66.14	0.39	0.63	0.81	0.43	0.79	+12	+9	+4	+22	+4	+19	+3	+5	+1	+10	0	−1.16
28964		06 06 43.75	−62 40 58.9	9.40		H	91.682 306 19	−62.683 038 97		36.33	64.88	175.40	0.79	0.72	0.87	0.83	1.04	−7	+11	+13	+12	−13	+12	−23	−29	−12	−13	0	−1.71
28965		06 06 43.87	+20 43 48.2	9.00		H	91.682 802 68	+20.730 042 11		4.95	−1.57	−2.55	1.18	0.74	1.36	1.31	0.88	−10	+47	−29	−1	−16	+14	+5	−42	+30	+14	0	2.43
28966		06 06 44.66	−24 55 36.6	6.96		H	91.686 080 13	−24.926 842 70		10.00	−6.18	43.70	0.38	0.52	0.72	0.47	0.62	+0	+2	−5	+7	−5	+7	−5	+1	+3	−10	0	0.15
28967		06 06 45.56	−31 25 00.5	7.42		H	91.689 849 14	−31.416 792 47		4.08	−3.61	6.07	0.51	0.64	0.78	0.57	0.81	−1	+6	+7	+5	−1	+12	−3	−11	−13	−8	0	0.30
28968		06 06 48.34	+12 00 44.9	8.22		H	91.701 433 35	+12.012 480 57		1.74	1.72	−5.67	1.20	0.79	1.24	1.30	0.91	−37	+51	−27	−33	+32	−14	+29	−60	+7	−29	5	2.79
28969		06 06 48.66	+23 38 19.0	6.67		H	91.702 749 86	+23.638 606 41		3.76	1.94	−1.34	1.13	0.84	1.16	1.34	0.94	+28	+42	−24	−32	−48	+16	−28	−76	+18	+57	0	1.17
28970		06 06 50.56	−67 17 00.1	6.70		H	91.710 655 22	−67.283 356 42		3.40	−6.81	7.93	0.49	0.45	0.51	0.52	0.51	+18	+6	+2	−17	+6	+0	+4	+0	−13	+30	2	−0.50
28971		06 06 51.45	−23 05 37.5	7.47		H	91.714 368 31	−23.093 748 46		7.17	−6.64	−34.90	0.40	0.59	0.83	0.51	0.73	−16	+11	−26	+10	−9	+2	−8	−10	+19	−24	1	0.66
28972		06 06 51.76	−48 41 22.8	8.83		H	91.715 679 52	−48.689 664 81		6.25	−4.24	5.29	0.73	0.69	0.79	0.86	0.82	−11	+19	−7	−2	−6	−12	−8	+15	−6	−13	0	0.70
28973		06 06 51.89	−11 10 24.9	6.66	1	G	91.716 218 08	−11.173 596 62		2.02	−0.54	1.86	0.50	0.41	0.85	0.72	0.62	−1	+32	−10	−14	−17	−15	−27	−9	−35	+21	1	3.41
28974		06 06 52.38	+32 38 35.4	9.69		H	91.718 239 46	+32.643 170 36		2.79	−10.66	−28.38	1.49	0.83	1.59	1.89	0.98	−24	+45	−18	+10	+6	−5	+12	−42	+24	−26	2	0.77
28975		06 06 52.67	−19 56 23.0	8.28		H	91.719 457 73	−19.939 713 18		4.75	−8.65	−18.46	0.72	0.70	1.01	0.80	0.83	+7	−4	−9	−3	−41	+5	−42	−5	−2	+3	2	1.11
28976		06 06 54.74	+02 10 23.1	7.16		H	91.728 071 80	+02.173 084 41		4.91	−6.71	−8.39	0.76	0.56	0.92	0.82	0.61	+0	+36	−28	−14	−6	−24	−15	−36	+3	−5	0	0.18
28977		06 06 55.32	+24 18 45.2	9.21		H	91.730 509 54	+24.312 542 64		0.44	−0.39	−2.42	1.96	1.33	2.19	2.07	1.36	−5	+53	−40	−29	−39	+18	−6	−77	+29	+42	0	0.32
28978		06 06 55.83	+16 22 00.2	6.57		H	91.732 638 65	+16.366 721 32		2.72	2.54	−2.70	0.83	0.55	0.88	0.99	0.64	+21	+21	−7	−1	−10	+18	−3	−30	+7	+40	0	0.27
28979		06 06 56.14	+19 27 45.1	8.79		H	91.733 922 41	+19.462 534 79		−1.23	2.48	−2.57	1.40	0.79	1.50	1.33	0.86	+14	+54	−17	−19	−31	+15	−19	−53	+7	+38	2	1.87
28980		06 06 56.15	+16 10 37.6	7.99		H	91.733 979 09	+16.177 110 51		5.96	−2.03	−24.88	1.04	0.64	1.07	1.24	0.75	+30	+33	−7	−15	−27	+14	−20	−34	+11	+38	0	0.97
28981		06 06 56.26	−03 20 28.3	6.92		G	91.734 416 62	−03.341 181 16		1.32	−7.43	4.04	0.71	0.61	0.83	0.72	0.64	−18	+40	−11	−17	+19	−17	+9	−40	+0	−38	0	−0.29
28982	H	06 06 56.45	−00 12 56.5	8.46		G	91.735 213 22	−00.215 701 60	A	0.96	−4.98	−2.11	1.71	1.19	1.62	1.53	1.17	−17	+45	−28	−40	−8	−12	−8	−48	+1	+4	1	0.30
28983		06 06 56.94	−22 05 35.0	8.77		H	91.737 250 39	−22.093 069 31		1.02	6.49	15.43	0.58	0.76	1.08	0.72	0.90	−20	+15	+6	+18	−3	−2	−5	−5	+1	−32	1	0.14
28984		06 06 57.52	−21 48 44.2	5.74	2	H	91.739 654 20	−21.812 290 45		3.50	−6.12	−3.67	0.36	0.48	0.71	0.44	0.53	−14	+10	+1	+28	−12	−11	−14	+9	−4	−24	1	0.74
28985		06 06 58.56	−06 12 09.5	6.58		H	91.744 001 75	−06.202 636 98		14.48	−9.12	−32.07	0.84	0.66	0.90	0.97	0.74	+23	+4	−33	−44	−22	+9	−18	−39	+9	+6	2	0.93
28986		06 06 59.37	+00 04 37.0	7.26		H	91.747 367 72	+00.076 958 16		3.14	0.33	0.04	0.89	0.61	1.03	0.82	0.66	−17	+53	−18	−31	+12	−29	+5	−35	−4	+2	0	0.98
28987		06 06 59.85	−46 12 20.1	6.83		H	91.749 373 84	−46.205 574 70		21.38	−90.93	−25.79	0.50	0.48	0.55	0.55	0.57	−11	+15	−9	+4	−7	+6	−10	+17	−17	−3	0	−0.80
28988		06 07 01.83	−45 05 29.8	6.48		H	91.757 607 48	−45.091 621 96		8.76	79.69	46.17	0.48	0.49	0.54	0.53	0.64	+2	+7	−10	−9	+2	+3	−2	+27	−10	+11	0	−3.37
28989		06 07 02.51	+65 24 06.6	7.74		H	91.760 469 74	+65.401 833 70		8.89	−30.07	−28.77	0.48	0.52	0.85	0.57	0.57	+12	+16	+3	−5	−10	+0	−5	+4	+11	−22	1	−1.26
28990		06 07 03.03	+00 49 03.5	9.06		H	91.762 610 72	+00.817 644 31		2.28	5.56	−1.02	1.20	0.81	1.46	1.09	0.89	−8	+53	−13	−10	+1	−25	−10	−21	−23	+18	0	−0.59
28991		06 07 03.36	−62 09 15.9	5.04		H	91.764 011 74	−62.154 411 28		8.28	21.44	−69.66	0.46	0.35	0.46	0.48	0.49	−10	+14	+11	+14	−11	+3	−17	−19	−18	−13	0	−1.14
28992		06 07 03.67	−34 18 43.3	5.82	1	H	91.765 285 47	−34.312 021 71		3.10	2.83	0.44	0.41	0.44	0.54	0.44	0.52	−1	+24	−23	+0	−2	+5	−3	+15	−8	+5	0	0.67
*28993		06 07 05.20	−81 03 47.7	7.12	1	G	91.771 680 69	−81.063 252 41		6.18	2.45	32.95	0.52	0.51	0.57	0.63	0.68	−7	+21	−6	+11	+7	−17	−1	−9	−11	−23	0	1.99
*28994		06 07 05.16	+33 03 21.8	8.03		H	91.771 511 75	+33.056 064 17		0.85	−4.24	−7.55	1.03	0.60	1.19	1.36	0.73	−4	+27	−14	+10	−7	−28	−1	−37	+31	−9	5	0.82
28995		06 07 05.31	+79 11 49.3	9.04		H	91.772 112 23	+79.197 016 92		2.16	24.31	−34.98	0.69	0.77	0.97	0.70	0.97	+22	+34	+10	+17	+2	+7	+3	−3	+6	+16	0	−0.09
28996		06 07 05.60	+68 48 08.7	9.41		H	91.773 347 46	+68.802 423 27		10.37	18.24	−28.57	0.64	0.79	1.20	0.76	0.92	−7	+15	+6	+15	+26	−6	+29	−1	+17	+0	2	−0.21
28997		06 07 06.74	+35 12 49.4	7.22		H	91.778 098 72	+35.213 716 97		1.52	−4.29	−3.69	0.97	0.55	0.94	1.33	0.66	−4	+25	−16	+41	−8	+1	+8	−25	+18	+19	0	−0.15
28998		06 07 06.92	+23 03 14.2	8.39		H	91.778 851 72	+23.053 941 31		0.86	3.18	−1.87	1.27	0.74	1.36	1.34	0.83	+1	+52	+1	−3	−10	−1	−4	−47	−2	+13	0	0.30
28999		06 07 07.77	−31 53 51.3	7.92		H	91.782 387 32	−31.897 573 30		9.24	8.44	50.35	0.61	0.74	0.89	0.70	0.82	−10	+12	−7	−9	−5	+7	−4	−15	+6	−18	4	3.28
29000		06 07 08.94	+14 26 57.3	7.09	1	H	91.787 248 86	+14.449 241 75		2.63	−0.38	−3.82	1.06	0.54	1.08	1.33	0.64	+7	+38	−7	+28	−22	−20	−16	−23	+7	+12	3	0.12

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
28901	8.205	0.007	8.028	0.008		0.170	0.010	T	0.19	0.01	L	8.0701	0.0012	0.015	165		8.05	8.10		C			1							S
28902	9.264	0.010	8.366	0.007		0.783	0.009	T	0.82	0.01	L	8.4278	0.0015	0.020	248		8.40	8.47		U			1							
28903	8.426	0.012	8.452	0.016		−0.019	0.018	T	0.00	0.02	L	8.4533	0.0017	0.013	76		8.43	8.47		C			1							
28904	7.825	0.010	7.517	0.010		0.306	0.011	G	0.35	0.01	H	7.5567	0.0021	0.017	83		7.52	7.58		U			1							S
28905	9.278	0.014	8.396	0.011		0.771	0.014	T	0.81	0.01	L	8.4760	0.0020	0.017	131		8.44	8.51					1							
28906	10.445	0.028	9.284	0.017		0.997	0.026	T	0.98	0.02	L	9.3351	0.0015	0.013	122		9.31	9.37					1							
28907	8.251	0.011	8.280	0.014		−0.022	0.016	T	0.00	0.02	L	8.2955	0.0018	0.013	89		8.28	8.32					1							S
28908	6.843	0.006	6.191	0.004		0.600	0.001	G	0.67	0.00	H	6.2460	0.0008	0.007	81		6.23	6.26			06061+3524	I 1	1							S
28909	5.684	0.002	5.696	0.003		−0.024	0.004	G	−0.04	0.02	A	5.7068	0.0006	0.005	114		5.70	5.72					1							S
28910	4.727	0.002	4.674	0.002		0.046	0.002	G	0.04	0.02	A	4.6890	0.0004	0.004	175		4.68	4.70					1							S
28911	10.232	0.029	9.055	0.018		1.009	0.027	T	0.98	0.02	L	9.1789	0.0019	0.019	114		9.15	9.21		C			1							
28912	10.860	0.049	9.934	0.034		0.819	0.044	T	0.84	0.03	L	9.9979	0.0026	0.024	96		9.96	10.04		C			1							
28913	7.907	0.007	7.310	0.007		0.551	0.015	G	0.62	0.01	H	7.3621	0.0013	0.010	110		7.35	7.38		C			1							S
28914	8.206	0.008	7.650	0.007		0.549	0.015	G	0.62	0.01	H	7.7064	0.0011	0.011	146		7.68	7.73		C			1							S
28915	9.286	0.014	8.728	0.013		0.522	0.017	T	0.59	0.02	L	8.7791	0.0013	0.016	137		8.75	8.81		C			1							
28916	9.338	0.020	8.881	0.020		0.431	0.026	T	0.50	0.03	L	8.9598	0.0026	0.016	74		8.93	8.98		C			1							
28917	9.875	0.025	8.599	0.015		1.460	0.015	G	1.47	0.02	H	8.6567	0.0020	0.015	77		8.63	8.68		C			1							
28918	10.516	0.047	10.129	0.049		0.366	0.063	T	0.43	0.07	L	10.2948	0.0039	0.025	62		10.25	10.35					1							G
28919	7.180	0.006	7.161	0.008		0.022	0.009	T	0.04	0.01	L	7.1834	0.0008	0.006	92		7.17	7.20					1							S
28920	8.715	0.012	8.647	0.015		0.061	0.017	T	0.07	0.01	L	8.6814	0.0015	0.012	81		8.66	8.70		C			1							
28921	10.099	0.023	9.092	0.015		0.868	0.021	T	0.91	0.02	L	9.0906	0.0028	0.023	133		9.05	9.13					1							
28922	9.135	0.018	7.621	0.010		1.240	0.015	G	1.20	0.01	H	7.6496	0.0015	0.010	83		7.64	7.67		C			1							
28923	8.774	0.010	8.839	0.014		−0.066	0.005	G	−0.04	0.01	H	8.8522	0.0027	0.025	132		8.81	8.89		U			1							
28924	8.970	0.013	8.333	0.011	*	0.581	0.015	G	0.65	0.01	H *	8.3663	0.0019	0.018	111	*	8.34	8.41		D	06063−5219	I 1	2 C A	AB	46	0.466	0.003	0.18	0.02	S
28925	9.853	0.024	8.774	0.016		0.934	0.022	T	0.93	0.02	L	8.8270	0.0027	0.018	94		8.78	8.86					1							
28926	9.059	0.016	8.876	0.018		0.168	0.023	T	0.18	0.02	L	8.9123	0.0013	0.018	104		8.89	8.94		D			1							
28927	10.325	0.030	8.969	0.016		1.149	0.027	T	1.11	0.02	L	9.0308	0.0017	0.016	93		9.00	9.06		C			1							
28928	10.509	0.034	9.044	0.017		1.234	0.030	T	1.19	0.03	L	9.0671	0.0021	0.016	111		9.04	9.10		C			1							
28929	10.007	0.028	8.264	0.013		1.453	0.024	T	1.46	0.04	L	8.2294	0.0031	0.022	86		8.20	8.27		R			1 S							S
28930	8.222	0.010	6.252	0.006		1.730	0.015	G	2.28	0.03	C	6.0625	0.0053	0.032	86		6.03	6.11		U 2	06064+2931	I 1	1 S							S P
28931	10.047	0.023	8.350	0.011		1.417	0.020	T	1.40	0.03	L	8.3422	0.0017	0.015	101		8.32	8.36		C			1							
28932	8.859	0.012	7.799	0.009		0.919	0.011	T	0.92	0.01	L	7.8572	0.0011	0.010	84		7.84	7.88		C			1							
28933	7.982	0.011	7.485	0.007		0.467	0.012	T	0.54	0.01	L	7.5438	0.0011	0.010	68		7.53	7.56		C	06064−0058	I 1	1							S
28934	8.721	0.011	8.350	0.011		0.362	0.014	T	0.42	0.01	L	8.3742	0.0015	0.013	124		8.35	8.40		C			1 G							S
28935	9.466	0.014	8.487	0.011		0.846	0.014	T	0.86	0.01	L	8.5430	0.0015	0.018	144		8.52	8.58		C			1							
28936	9.350	0.030	8.951	0.032	B	0.377	0.041	T	0.44	0.04	L	9.5407	0.3066			B				D	06065+1045	I 2	1 C F D							D
28937	7.113	0.008	7.182	0.011	A	−0.060	0.015	G	−0.04	0.01	H	7.1445	0.0425	0.046	80	A	7.08	7.20		D	06065+1045	I 2	1 C P D							S D
28938	8.998	0.016	9.011	0.023		−0.007	0.026	T	0.01	0.02	L	9.0133	0.0018	0.014	74		8.99	9.04		C			1							
28939	8.633	0.011	8.628	0.014		0.080	0.015	G	0.09	0.02	H	8.6530	0.0012	0.013	89		8.63	8.68		C			1							
28940						1.009	0.017	G	1.05	0.02	I	11.0186	0.0050	0.028	63		10.97	11.06		C			1							G
28941	10.246	0.029	9.181	0.019		0.900	0.011	G	0.94	0.01	I	9.2470	0.0023	0.017	97		9.22	9.27		C			1							
28942	11.541	0.064	9.753	0.022		1.489	0.054	T	1.51	0.08	L	9.7203	0.0024	0.026	162		9.68	9.78					1 S							
28943	5.549	0.002	5.469	0.002		0.064	0.003	G	0.10	0.03	C	5.4956	0.0005	0.006	181		5.49	5.51		C	06065−2307	I 1	1 G							S
28944	7.968	0.006	8.009	0.007		−0.048	0.003	G	−0.03	0.00	H	8.0225	0.0013	0.015	178		8.00	8.05		C			1							S
28945	11.334	0.084	10.032	0.041		1.107	0.073	T	1.07	0.08	L	9.9991	0.0420	0.239	87		9.53	10.16	11.30	P 1 A			1 V							G
28946	5.654	0.003	5.378	0.003		0.251	0.005	G	0.25	0.03	C	5.4205	0.0007	0.005	85		5.41	5.43		C			1							S
28947	9.378	0.018	8.791	0.017		0.548	0.022	T	0.62	0.02	L	8.8493	0.0016	0.017	93		8.82	8.87		C			1							
28948	7.797	0.006	6.703	0.004		0.945	0.006	T	0.94	0.00	L	6.7582	0.0007	0.007	202		6.75	6.77		C			1							S
28949	5.206	0.003	5.346	0.004		−0.122	0.004	T	−0.11	0.01	L	5.3357	0.0008	0.007	65		5.33	5.35		C	06066−0412	I 1	1 S							S
28950	9.776	0.020	8.553	0.012		1.045	0.018	T	1.02	0.01	L	8.6157	0.0014	0.013	105		8.59	8.64					1							
28951	7.716	0.007	6.536	0.004		1.011	0.006	T	0.99	0.01	L	6.5835	0.0009	0.009	122		6.57	6.60					1							S
28952	7.003	0.006	6.994	0.006		0.002	0.002	G	0.02	0.00	H	7.0109	0.0008	0.010	116		7.00	7.03		C			1							S
28953	9.228	0.018	9.030	0.021		0.189	0.026	T	0.21	0.03	L	9.0468	0.0022	0.017	94		9.02	9.08		C			1							
28954	7.798	0.010	6.852	0.006		0.814	0.004	G	0.85	0.00	H	6.9043	0.0022	0.015	79		6.88	6.94		U 2			1							S
28955	8.206	0.010	7.892	0.012		0.290	0.015	G	0.33	0.02	H	7.9515	0.0021	0.014	78		7.92	7.98					1							S
28956	8.895	0.011	7.620	0.007		1.086	0.010	T	1.05	0.01	L	7.6722	0.0011	0.011	126		7.66	7.69		C			1							S
28957	6.449	0.004	6.187	0.004		0.246	0.008	G	0.25	0.03	C	6.2248	0.0008	0.006	116		6.22	6.24					1 X S							S
28958	9.432	0.021	9.344	0.027	A	0.400	0.495	G	0.07	0.04	L *	9.1780	0.0027	0.018	76	*	9.14	9.20		D	06067+2006	I 1	2 C B	AB	194	1.332	0.021	1.06	0.06	
28959	10.355	0.030	9.227	0.020		0.971	0.028	T	0.96	0.02	L	9.2792	0.0022	0.016	85		9.26	9.31		C			1							
28960	8.874	0.010	8.736	0.012		0.125	0.015	T	0.14	0.01	L	8.7820	0.0018	0.021	166		8.75	8.81		C			1							S
28961	10.467	0.031	8.740	0.013		1.441	0.027	T	1.44	0.04	L	8.7401	0.0020	0.018	110		8.70	8.77		C			1							
28962	7.595	0.006	7.236	0.005		0.347	0.015	G	0.41	0.02	H	7.2863	0.0009	0.009	102		7.27	7.30		C			1							S
28963	7.857	0.006	7.441	0.006		0.393	0.008	T	0.46	0.01	L	7.4935	0.0010	0.013	190		7.47	7.52					1							S
28964	10.884	0.045	9.535	0.024		1.107	0.006	G	1.19	0.01	I	9.5353	0.0019	0.014	101		9.50	9.56		C			1							
28965	9.297	0.016	9.049	0.018		0.236	0.023	T	0.26	0.03	L	9.0709	0.0022	0.016	85		9.04	9.09		C			1							
28966	7.375	0.004	7.007	0.004		0.384	0.015	G	0.45	0.02	H	7.0450	0.0010	0.013	189		7.02	7.07					1							S
28967	8.673	0.009	7.523	0.006		0.988	0.008	T	0.97	0.01	L	7.5877	0.0012	0.013	137		7.57	7.61					1							S
28968	10.047	0.031	8.396	0.015		1.381	0.027	T	1.35	0.03	L	8.3614	0.0014	0.012	72		8.34	8.39		C	06068+1201	I 1	1 S							
28969	8.452	0.012	6.809	0.007		1.370	0.020	G	1.34	0.02	H	6.8145	0.0012	0.008	79		6.79	6.82		C			1							S
28970	8.476	0.009	6.847	0.005		1.363	0.008	T	1.33	0.01	L	6.8477	0.0009	0.009	106		6.83	6.86					1							S
28971	7.658	0.006	7.496	0.007		0.148	0.009	T	0.16	0.01	L	7.5237	0.0010	0.012	175		7.51	7.55		C	06069−2306	I 1	1							S
28972	9.191	0.014	8.827	0.015		0.345	0.019	T	0.40	0.03	L	8.9129	0.0020	0.020	108		8.89	8.95					1							
28973	6.452	0.003	6.624	0.004		−0.152	0.006	G	−0.15	0.01	H	6.6086	0.0009	0.009	144		6.60	6.63	0.94	P 1 A			1							S
28974	11.117	0.061	9.819	0.031		1.104	0.054	T	1.07	0.06	L	9.8471	0.0032	0.025	79		9.80	9.88					1							G
28975	8.459	0.008	8.299	0.010		0.146	0.012	T	0.16	0.01	L	8.3362	0.0020	0.021	118		8.30	8.37					1							S
28976	7.234	0.006	7.167	0.008		0.067	0.009	T	0.08	0.01	L	7.1929	0.0012	0.010	85		7.18	7.21					1							S
28977	9.382	0.024	9.261	0.030		0.236	0.015	G	0.26	0.02	H	9.2778	0.0028	0.018	68		9.24	9.32		C			1							
28978	8.026	0.011	6.695	0.006		1.129	0.010	T	1.09	0.01	L	6.7396	0.0008	0.006	63		6.73	6.75					1							S
28979	10.379	0.043	8.951	0.023		1.205	0.038	T	1.16	0.04	L	8.9612	0.0022	0.018	66		8.93	8.99		C			1 S							
28980	8.275	0.012	8.030	0.013		0.233	0.017	T	0.26	0.02	L	8.0580	0.0016	0.012	69		8.04	8.08		C			1							S
28981	6.772	0.006	6.887	0.007		−0.118	0.004	G	−0.10	0.01	H	6.8878	0.0015	0.009	64		6.87	6.91					1							S
28982	8.467	0.013	8.451	0.016	*	0.026	0.017	G	0.04	0.01	H *	8.4736	0.0020	0.014	68	*	8.45	8.49		C	06069−0013	H 1	2 C C	AB	51	0.704	0.058	3.83	0.17	
28983	10.584	0.030	8.950	0.013		1.367	0.026	T	1.34	0.03	L	8.9220	0.0020	0.020	178		8.90	8.96					1 S							
28984	7.836	0.006	5.970	0.007		1.584	0.008	T	2.51	0.03	O	5.7503	0.0051	0.066	191		5.60	5.82		U 2			1 S							S P
28985	6.853	0.005	6.614	0.007		0.228	0.008	T	0.25	0.01	L	6.6509	0.0009	0.007	74		6.64	6.66		C			1							S
28986	9.031	0.017	7.403	0.009		1.363	0.015	T	1.33	0.02	L	7.4141	0.0008	0.007	71		7.40	7.43		D			1							S
28987	7.361	0.005	6.882	0.005		0.463	0.005	T	0.53	0.01	L	6.9374	0.0008	0.007	109		6.93	6.95					1							S
28988	7.987	0.007	6.603	0.004		1.162	0.002	G	1.10	0.04	E	6.6496	0.0010	0.009	119		6.64	6.67					1							S
28989	8.044	0.005	7.776	0.007		0.255	0.008	T	0.29	0.01	L	7.8118	0.0010	0.014	180		7.79	7.84					1							S
28990	9.068	0.016	9.045	0.021		0.026	0.024	T	0.04	0.02	L	9.0749	0.0026	0.019	70		9.04	9.12		C			1							
28991	6.681	0.005	5.180	0.003		1.256	0.005	G	1.17	0.05	G	5.2044	0.0005	0.006	108		5.19	5.21		C			1							S
28992	5.675	0.003	5.829	0.003		−0.137	0.009	G	−0.06	0.03	C	5.8025	0.0010	0.010	133		5.79	5.82		M			1							S
28993	7.456	0.006	7.147	0.007		0.317	0.006	G	0.37	0.01	H	7.1961	0.0027	0.018	95		7.17	7.22		U 2			1							S
28994	9.737	0.023	8.159	0.012		1.323	0.020	T	1.28	0.02	L	8.1821	0.0015	0.012	88		8.16	8.20		C			1 S							
28995	10.509	0.032	9.185	0.017		1.124	0.028	T	1.09	0.03	L	9.2098	0.0019	0.020	155		9.17	9.25		C			1							
28996	10.055	0.018	9.469	0.016		0.549	0.018	T	0.62	0.02	L	9.5260	0.0020	0.029	233		9.48	9.59					1							
28997	8.792	0.016	7.347	0.010		1.219	0.015	T	1.18	0.01	L	7.3782	0.0020	0.012	80		7.36	7.40					1							S
28998	8.423	0.012	8.418	0.015		0.076	0.015	G	0.09	0.02	H	8.4227	0.0020	0.014	82		8.39	8.44		C			1							
28999	8.555	0.009	7.977	0.009		0.543	0.009	T	0.62	0.01	L	8.0425	0.0014	0.015	128		8.02	8.07					1							S
29000	9.192	0.025	7.279	0.012		1.588	0.022	T	1.61	0.02	L	7.2020	0.0019	0.012	62		7.18	7.22		M			1 S							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
29001		06 07 09.17	+16 33 22.7	7.34		H	91.788 223 83	+16.556 297 00		27.97	85.15	−89.52	0.97	0.58	1.05	1.14	0.71	+2	+50	−16	+9	−19	+11	−6	−26	+13	+20	0	−1.54
29002		06 07 09.37	+09 09 58.1	6.94		G	91.789 024 29	+09.166 129 39		11.61	55.65	−59.63	0.95	0.70	0.99	1.24	0.82	+37	+19	−33	−41	−46	+7	−37	−67	+25	+54	2	0.04
29003		06 07 09.97	+37 09 51.8	8.61		H	91.791 557 88	+37.164 395 86		13.77	37.27	−53.12	1.09	0.75	1.43	1.56	0.83	−21	+31	−34	+4	−19	+48	+14	−56	+33	+22	0	−0.15
29004		06 07 11.36	−64 23 18.2	8.22	1	H	91.797 337 41	−64.388 383 01		2.05	1.92	6.56	0.64	0.56	0.70	0.70	0.77	−18	+24	+4	−9	+4	−5	+1	−28	−2	−27	0	−0.36
29005		06 07 12.03	+76 09 58.0	9.05		H	91.800 112 87	+76.166 113 72		7.25	−0.79	13.37	0.64	0.77	0.92	0.80	0.79	−3	+12	+1	+1	+10	+0	+11	−29	−13	+15	0	0.05
29006		06 07 14.37	+01 30 30.4	7.51		H	91.809 891 91	+01.508 456 23		4.66	0.50	−35.34	0.80	0.57	0.92	0.88	0.68	+14	+38	−6	−18	−3	−24	−15	−33	−21	+10	0	−1.69
29007		06 07 15.12	−21 31 47.3	8.49		H	91.813 008 76	−21.529 805 61		7.75	11.19	−12.17	0.56	0.72	1.06	0.68	0.83	−11	+25	−2	+32	−6	−2	−8	+21	−10	−5	1	0.50
29008		06 07 16.51	+34 49 00.6	8.53		H	91.818 799 24	+34.816 821 40		4.70	−5.31	−5.21	1.22	0.67	1.17	1.66	0.81	−6	+31	−19	+46	−11	+2	+9	−28	+24	+17	0	−0.15
29009		06 07 17.13	−37 02 11.6	7.68		H	91.821 374 93	−37.036 563 48		3.17	1.49	−15.58	0.53	0.56	0.67	0.57	0.62	−7	+16	−9	+5	−11	+9	−11	+14	−6	−13	3	−0.39
29010		06 07 17.93	+20 49 12.8	7.12		H	91.824 688 55	+20.820 227 35		4.13	−12.37	−11.05	0.87	0.55	0.99	1.02	0.63	+1	+36	−22	−2	−14	+18	+0	−39	+21	+22	0	0.68
29011		06 07 18.79	−00 54 21.6	8.68		H	91.828 285 81	−00.906 004 29		1.57	−3.69	−4.45	0.99	0.79	1.11	1.06	0.99	−15	+23	−3	−33	+24	−7	+16	−34	−31	−10	0	0.62
29012		06 07 18.86	−37 12 00.5	7.25		H	91.828 592 66	−37.200 135 53		4.75	−32.34	−5.46	0.48	0.51	0.59	0.53	0.56	−1	+11	−11	+9	−13	+8	−12	+15	−1	−7	0	−2.17
29013	H	06 07 19.98	+18 47 37.7	7.99		H	91.833 257 12	+18.793 798 19	A	2.59	1.33	−20.32	1.83	1.98	1.71	1.74	1.07	−25	+11	−36	−26	−21	+62	+12	−52	+49	+34	1	−1.05
29014		06 07 20.02	+26 40 55.8	7.08		H	91.833 427 83	+26.682 161 42		2.46	−2.32	−1.66	0.80	0.51	0.86	0.93	0.55	−7	+30	−1	+10	−2	+8	−2	−29	−6	−3	0	0.36
29015	H	06 07 20.18	−01 57 04.4	8.27		G	91.834 103 72	−01.951 214 35	A	3.67	−9.94	−6.39	1.68	1.59	1.62	1.72	1.38	+9	+33	−1	−23	+5	−17	−3	−29	−18	−5	1	−0.07
29016		06 07 22.58	+41 12 01.4	8.33		H	91.844 063 45	+41.200 382 43		−0.12	1.14	−14.23	1.20	0.68	1.36	1.27	0.72	−9	+54	−21	+17	−22	+27	+17	−57	+28	+44	0	0.70
29017		06 07 23.36	+03 05 30.1	7.82	1	H	91.847 317 97	+03.091 689 90		3.23	−5.64	−4.17	0.82	0.56	0.91	0.82	0.64	+12	+47	−10	−14	−8	−11	−8	−37	+3	+16	0	−0.62
29018	H	06 07 23.46	−21 11 59.0	8.44		H	91.847 766 31	−21.199 728 92	*	4.71	8.64	−8.37	0.71	0.82	1.20	0.81	0.94	−18	+19	+2	+32	−27	−8	−27	+18	−17	−5	0	1.26
29019		06 07 24.39	−58 46 25.7	8.30		H	91.851 637 28	−58.773 801 34		4.75	1.62	−1.80	0.66	0.59	0.70	0.63	0.76	−9	−22	+7	+12	−6	−3	−7	−14	−5	−7	0	−0.09
29020		06 07 24.76	+02 08 31.6	8.57		G	91.853 163 91	+02.142 098 98	A	−1.79	7.56	2.70	2.42	1.81	2.13	2.43	1.88	−17	+39	−34	−34	+5	−17	+4	−43	+11	−22	12	1.19
29021		06 07 25.34	+02 08 22.0	10.61		H	91.855 566 62	+02.139 438 22	B	1.04	35.34	18.86	23.19	18.17	16.05	19.52	16.04	−8	+40	−29	−25	+0	−16	+1	−35	+9	−19	12	1.19
29022		06 07 25.46	+11 09 07.1	11.52	3	H	91.856 103 96	+11.151 973 29		−0.54	1.66	4.19	3.55	2.39	3.36	4.77	2.75	+21	−19	−31	−64	−37	+39	−28	−72	+24	+44	0	0.39
29023		06 07 25.77	−30 37 37.8	8.16	1	H	91.857 388 41	−30.627 174 10		1.42	−0.28	−6.22	0.61	0.73	0.90	0.75	0.85	−7	+4	+3	+23	−10	+16	−12	−11	+7	−13	0	−1.80
29024	H	06 07 25.84	+36 16 28.7	6.94		H	91.857 673 40	+36.274 642 65	A	2.76	−2.12	1.43	1.01	0.75	1.14	1.32	0.73	−7	+24	−38	−5	−28	+47	+2	−53	+40	+40	2	0.78
29025		06 07 26.76	+41 51 15.6	6.15		H	91.861 497 87	+41.854 329 82		3.91	−2.31	−19.79	0.70	0.40	0.82	0.74	0.40	−4	+38	−7	+21	+15	+7	+18	−8	+10	+8	0	−1.38
29026		06 07 27.07	−05 23 24.9	8.95		H	91.862 800 30	−05.390 236 91		3.85	−5.05	1.88	1.11	0.87	1.29	1.10	0.98	−3	+47	−21	−41	+1	−24	−10	−45	−7	−9	0	0.07
29027		06 07 27.35	+08 16 14.0	7.98		H	91.863 951 80	+08.270 568 29		4.10	3.16	−10.35	0.83	0.60	0.95	1.03	0.69	−2	+26	−31	−14	+3	−11	+5	−41	+9	+19	0	−0.51
29028		06 07 27.96	−15 15 44.0	8.96		H	91.866 487 90	−15.262 212 69		1.17	−6.10	3.64	0.92	0.94	1.52	1.46	0.92	+6	+11	−43	−4	−75	+48	−59	−19	+3	+41	0	−2.01
29029		06 07 29.16	−35 13 28.7	7.79		H	91.871 507 05	−35.224 633 98		3.44	−1.24	5.19	0.53	0.55	0.71	0.64	0.62	−10	+30	−26	+6	−12	+20	−4	−4	+8	−3	0	−1.28
29030		06 07 29.90	+39 48 45.5	8.93		H	91.874 585 70	+39.812 647 81		4.94	34.39	−5.03	1.15	0.76	1.27	1.53	0.87	−4	+29	−11	+15	−10	+9	+6	−43	+15	+19	0	0.16
29031		06 07 30.77	−36 18 33.9	7.80		G	91.878 188 06	−36.309 416 35		4.86	3.35	−12.29	0.53	0.51	0.65	0.55	0.57	−11	+17	−9	+8	−11	+15	−11	+9	−8	−13	0	−0.03
29032		06 07 31.00	+35 42 06.7	8.37		H	91.879 156 42	+35.701 852 97		2.02	0.51	−9.64	1.13	0.66	1.20	1.51	0.78	+7	+35	−11	+20	−15	+16	−4	−37	+8	+24	0	0.00
29033		06 07 31.54	+38 04 56.2	7.02		H	91.881 405 10	+38.082 285 94		3.01	8.76	−16.86	0.85	0.56	0.96	1.10	0.60	+8	+20	+11	+3	−6	+25	+0	−44	+3	+26	0	1.92
29034		06 07 31.63	−37 15 10.5	5.00		H	91.881 800 46	−37.252 921 14		4.28	0.90	0.30	0.44	0.44	0.54	0.49	0.50	+2	+8	−12	+8	−15	+13	−13	+12	−1	−8	0	−3.58
29035		06 07 32.12	+51 57 32.1	8.92		H	91.883 813 47	+51.958 929 36		10.61	−2.07	1.24	1.17	0.68	1.33	1.35	0.68	+15	+13	−2	+41	+26	−10	+23	+6	+7	+12	4	1.53
29036		06 07 33.02	+72 09 07.8	10.62	2	H	91.887 590 77	+72.152 176 85		25.92	−38.96	−11.26	1.87	2.84	3.78	2.02	3.14	+19	+6	−9	−3	+8	+3	+7	+8	−6	+23	0	
29037		06 07 34.17	−03 36 12.1	8.15		G	91.892 376 19	−03.603 358 29		0.44	−4.93	−1.69	0.80	0.72	0.92	0.91	0.81	−5	+30	−10	−17	+20	−11	+13	−43	+5	−28	0	0.06
29038		06 07 34.32	+14 46 06.7	4.42	1	G	91.893 007 74	+14.768 523 18		6.10	4.95	−21.18	0.83	0.51	0.88	0.90	0.58	+19	+34	−20	+10	−6	+0	+4	−21	+9	+47	3	−0.69
29039		06 07 34.92	−55 42 19.8	8.09		H	91.895 492 24	−55.705 491 25		9.31	−94.68	−17.73	0.69	0.62	0.67	0.77	0.67	+9	−3	−17	+0	−20	+15	−21	−18	+4	−11	1	1.83
29040		06 07 35.89	+10 27 22.8	6.70		H	91.899 549 61	+10.456 321 93		2.77	0.96	−6.06	1.05	0.69	0.94	1.34	0.82	+39	−1	−23	−63	−45	+26	−40	−70	+15	+59	2	1.66
29041	H	06 07 38.89	+21 52 23.5	7.73		G	91.912 060 17	+21.873 182 26	A	0.85	−0.78	−3.93	1.39	0.97	1.34	1.34	0.84	−27	+47	−28	−2	−5	+28	+16	−48	+24	−1	1	−0.40
29042		06 07 39.61	+28 28 19.5	9.54		H	91.915 043 20	+28.472 090 51		−2.90	−0.31	−11.62	1.55	1.02	1.64	1.76	1.07	−2	+40	−16	+1	−25	+9	−23	−52	−3	−3	2	0.72
29043		06 07 39.88	+04 24 13.7	9.06		H	91.916 155 29	+04.403 793 25		3.50	−2.45	−1.58	1.41	0.85	1.53	1.70	1.07	+0	+38	−7	−2	−9	+11	−4	−25	+14	−5	0	0.72
29044		06 07 39.89	+27 51 35.6	8.48	1	H	91.916 226 50	+27.859 879 85		−0.26	−3.61	−2.43	1.33	0.71	1.47	1.12	0.67	−38	+67	−43	+2	−2	−2	+12	−45	+16	−3	0	0.63
29045		06 07 40.92	−34 29 10.5	8.07		H	91.920 493 54	−34.486 255 48		6.55	−6.08	−19.11	0.55	0.67	0.78	0.57	0.80	−6	+22	−29	−2	+5	−4	+3	+9	−6	+3	0	−0.79
29046		06 07 41.20	−12 02 14.5	8.33	1	H	91.921 683 06	−12.037 370 10		3.38	1.63	−7.62	0.68	0.63	1.02	0.95	0.85	+4	+28	−10	+0	−1	+3	−5	+7	−14	+5	0	0.99
29047		06 07 41.51	−34 38 23.8	7.18		H	91.922 960 22	−34.639 952 86		4.10	26.14	−6.27	0.48	0.53	0.65	0.52	0.64	−5	+26	−25	−13	−3	+4	−3	+3	−4	+3	0	0.09
29048		06 07 41.63	−19 09 57.6	5.28	2	H	91.923 459 06	−19.166 004 03		4.59	12.79	56.67	0.47	0.45	0.66	0.54	0.56	+6	+12	−3	+12	−38	−1	−37	−11	−6	+19	0	−0.82
29049		06 07 42.35	−08 39 02.3	8.35		G	91.926 458 10	−08.650 638 86		3.14	−2.00	1.84	0.92	0.85	1.18	0.97	0.95	−9	+39	−38	−30	+9	−22	+4	−39	+17	−22	0	−0.07
29050		06 07 43.19	+30 41 10.8	9.31		H	91.929 957 11	+30.686 339 62		2.33	11.61	−9.81	1.46	0.95	1.56	1.60	1.02	−31	+43	−29	−16	+10	+16	+29	−63	+26	+0	2	−0.08
29051		06 07 43.39	+28 06 50.7	9.56		H	91.930 794 01	+28.114 095 77		3.79	1.79	−6.49	1.58	0.92	1.67	1.56	0.92	−28	+54	−31	+16	−17	+8	+1	−38	+11	+3	0	0.66
29052		06 07 43.86	−25 44 39.7	11.87		G	91.932 734 15	−25.744 368 45		87.64	−184.15	−203.97	1.43	1.96	2.61	1.87	2.42	+1	+7	−8	+8	−11	+0	−9	+10	+13	−5	2	−0.24
29053		06 07 44.33	−07 09 47.9	8.75		G	91.934 705 75	−07.163 299 99		1.32	−1.24	2.18	1.06	0.86	1.21	1.15	0.95	+7	+4	−26	−42	+0	−7	+0	−36	+4	−11	4	1.45
29054		06 07 45.18	+09 14 19.0	9.26		H	91.938 247 85	+09.238 624 48		3.40	−10.63	0.56	1.68	1.02	1.72	2.13	1.20	+20	+31	−15	−26	−32	−7	−26	−55	+14	+24	2	−0.07
29055		06 07 45.73	−66 58 39.0	11.94	3	H	91.940 532 24	−66.977 486 40		3.30	−8.84	13.89	2.45	2.29	2.49	1.71	2.79	−14	−11	−5	−75	+21	+9	+19	−16	+0	+4	2	−0.02
29056		06 07 45.87	+38 07 47.0	10.06		H	91.941 119 75	+38.129 720 25		2.60	−9.41	−25.56	1.78	1.17	1.95	2.16	1.21	−12	+25	+16	−14	+6	+18	+12	−61	−2	+5	0	−0.90
29057		06 07 46.99	−44 43 45.8	6.76	1	H	91.945 795 95	−44.729 385 92		9.01	−2.73	27.41	0.47	0.46	0.53	0.50	0.55	+3	+12	−11	−13	−2	+2	−3	+12	−7	+4	0	−2.32
29058		06 07 48.08	−64 26 30.1	9.25		H	91.950 349 68	−64.441 696 88		4.46	−2.01	45.60	0.76	0.71	0.81	0.86	1.00	−20	+23	+2	−21	+10	−7	+6	−42	+0	−30	2	−1.27
29059		06 07 48.22	+43 47 11.7	9.14		H	91.950 928 33	+43.786 572 03		1.04	−0.70	−15.26	1.13	0.64	1.26	1.29	0.67	−8	+36	−5	+30	+36	+2	+28	+6	+14	−28	4	0.53
29060		06 07 48.55	+30 06 23.0	10.10		H	91.952 304 67	+30.106 392 83		3.61	17.06	−24.07	1.77	1.21	1.67	1.99	1.25	−52	+29	−5	−31	+39	+17	+43	−68	−5	−37	0	−0.29
29061		06 07 48.59	+22 00 10.0	8.49		H	91.952 477 64	+22.002 764 36		8.73	50.62	−55.94	1.24	0.70	1.36	1.13	0.75	−16	+59	−30	+6	−20	+3	−5	−32	+11	+17	0	−0.15
29062	H	06 07 50.60	+42 39 56.6	7.05		H	91.960 823 06	+42.665 710 65	A	4.67	−1.39	−0.62	1.40	0.82	1.29	1.33	0.71	−5	+42	+10	+33	+17	−8	+19	+19	+31	−41	1	0.07
29063		06 07 52.28	+08 13 13.0	8.97		H	91.967 813 48	+08.220 272 51		28.92	40.50	−311.21	1.20	0.77	1.31	1.33	0.88	+16	+40	+4	−7	+2	−6	+0	−40	−2	+11	7	0.13
29064		06 07 52.87	−42 09 14.4	5.50		H	91.970 281 71	−42.154 001 30		12.48	−11.08	−17.37	0.41	0.42	0.49	0.44	0.47	−1	−2	+14	−10	−4	+18	−8	+3	−8	+2	0	0.54
29065	H	06 07 53.37	−38 38 37.8	8.60		H	91.972 372 58	−38.643 830 43	*	5.46	9.44	−1.41	1.95	2.91	1.12	1.08	1.10	+6	+16	+3	+29	−9	+11	−13	+18	−13	+0	0	0.08
29066		06 07 54.51	−09 26 56.2	8.24		H	91.977 120 35	−09.448 957 73		3.49	−1.91	−50.35	0.97	0.79	1.15	0.92	0.87	+11	+49	−27	−44	−6	−30	−17	−39	−6	+24	0	0.63
29067		06 07 55.33	+67 58 37.5	9.75		G	91.980 526 13	+67.977 090 65		40.12	−48.32	−112.31	0.86	1.08	1.78	1.03	1.15	−12	+14	−5	+15	+11	−4	+11	+11	+18	−18	1	0.65
29068		06 07 55.98	+36 03 55.3	6.96		H	91.983 231 13	+36.065 363 80		6.16	18.96	−35.98	0.76	0.50	0.89	0.99	0.56	−8	+33	−25	+13	−9	+30	+13	−38	+22	+28	0	1.06
29069	H	06 07 56.30	−44 28 42.0	8.31		H	91.984 566 08	−44.478 327 64	A	4.73	12.84	17.48	1.08	1.09	1.12	1.04	1.21	+1	+10	−18	−11	+1	−15	−5	+12	−19	+7	3	−0.74
29070		06 07 56.54	+23 40 13.5	9.16		G	91.985 585 78	+23.670 424 71		−1.18	3.18	−3.40	1.94	1.15	2.06	1.88	1.23	−23	+60	−24	−20	−9	+8	+14	−65	+18	+18	0	1.67
29071		06 07 56.93	−54 26 21.5	7.68	2	H	91.987 211 70	−54.439 305 71		3.49	6.71	17.65	0.57	0.56	0.60	0.60	0.66	+8	+12	−2	+6	−10	+9	−13	−19	+2	+0	3	1.63
29072		06 07 57.43	+34 09 49.5	7.80		H	91.989 305 13	+34.163 751 44		3.31	−7.39	−3.02	0.94	0.56	0.97	1.31	0.69	−3	+15	−18	+36	−3	−12	−2	−29	+32	−7	0	0.68
29073		06 07 58.08	+18 24 04.5	7.68		G	91.992 012 84	+18.401 262 49		6.54	57.93	−43.50	1.02	0.62	1.14	0.98	0.64	−7	+40	−8	−13	+8	+26	+15	−38	+1	+33	0	−2.16
29074		06 07 59.05	+27 25 42.4	8.02		H	91.996 029 95	+27.428 457 93		22.46	25.89	−94.32	1.06	0.60	1.12	0.99	0.58	−38	+54	−35	+14	+0	+3	+14	−35	+10	−3	0	1.20
29075		06 07 59.40	+25 27 22.9	8.75		G	91.997 481 01	+25.456 354 52		0.97	1.52	−2.82	1.40	1.04	1.29	1.81	1.18	+43	+22	+5	−37	−51	−2	−48	−68	+6	+37	0	−0.53
29076		06 08 01.11	−82 02 37.5	7.20		H	92.004 643 05	−82.043 749 92		6.74	−8.38	29.38	0.49	0.51	0.55	0.53	0.62	−5	+28	−4	+1	−3	+10	−7	−19	−3	−20	0	−0.70
29077	H	06 08 02.41	+21 17 43.6	7.29		G	92.010 050 71	+21.295 441 06	A	8.90	−36.43	−4.77	1.15	0.78	1.20	1.18	0.76	−19	+52	−35	+0	−13	+25	+9	−48	+29	+5	1	1.06
29078		06 08 03.08	−88 22 29.0	9.06		H	92.012 815 30	−88.374 714 61		0.92	−3.60	6.64	0.71	0.79	0.83	0.91	0.97	−11	+3	−6	−20	−5	+11	−3	−13	+3	−26	0	1.40
29079		06 08 04.04	+39 12 34.8	8.54		G	92.016 850 06	+39.209 652 80		14.40	−22.53	−82.36	1.65	0.86	1.61	1.58	1.07	+7	+51	−8	−4	−10	+4	−7	−54	+20	+10	0	1.33
29080		06 08 04.36	+50 34 59.8	8.31		G	92.018 154 40	+50.583 282 70		12.99	46.74	−71.76	0.97	0.64	1.15	1.05	0.66	+21	+31	−20	+41	+39	−11	+38	+21	+18	+23	0	0.08
29081		06 08 04.84	+23 44 16.9	8.07	1	H	92.020 165 25	+23.738 036 11		−1.16	0.58	−0.02	1.51	1.05	1.70	1.73	1.18	−5	+53	−38	−23	−41	+23	−2	−75	+33	+50	0	−0.05
29082		06 08 05.18	−06 21 40.5	9.65		H	92.021 594 43	−06.361 260 73		−0.80	−3.83	0.55	1.78	1.45	1.98	2.25	1.87	+6	+4	−11	−40	+10	+14	+6	−53	−17	−21	0	−0.60
29083		06 08 06.44	−15 54 04.2	6.95		H	92.026 830 35	−15.901 155 96		21.83	−37.74	−33.44	0.57	0.50	0.88	0.73	0.50	+5	+22	−13	+2	−63	+43	−59	+2	+1	+25	1	−1.77
29084	H	06 08 06.95	+37 14 30.6	9.23		H	92.028 948 78	+37.241 831 91	A	6.90	−29.90	−18.33	2.24	1.53	2.38	2.88	1.63	−1	+4	−31	−7	−24	+40	−1	−46	+39	+50	0	−0.10
29085		06 08 08.08	+54 54 54.7	8.57		H	92.033 663 27	+54.915 203 92		1.20	1.55	−8.15	0.88	0.65	1.05	1.03	0.75	+18	+32	+4	+25	+27	+1	+22	+9	+0	+5	0	0.42
29086		06 08 08.15	−10 34 13.6	7.88		H	92.033 966 00	−10.570 442 11		5.83	17.93	−6.06	0.60	0.55	1.12	0.74	0.78	+4	+36	−5	−22	−19	−35	−33	−10	−35	+24	0	0.94
29087	H	06 08 08.65	−25 24 58.5	7.52		H	92.036 056 20	−25.416 237 54	A	9.82	5.26	30.31	0.76	1.05	1.25	0.88	1.14	+9	−10	−32	−4	−7	+10	−7	−21	+15	−2	4	0.72
29088		06 08 09.06	−19 25 54.3	8.21		G	92.037 757 03	−19.431 751 06		3.86	−3.43	0.29	0.68	0.66	0.95	0.78	0.78	+8	+2	−7	+10	−37	+2	−38	+2	−2	+13	0	0.41
29089		06 08 10.26	−58 58 09.2	9.67		H	92.042 752 04	−58.969 214 85		7.71	1.75	112.57	0.81	0.74	0.87	0.92	1.00	−5	+10	+7	+14	−8	+4	−12	−26	−12	−10	0	−0.79
29090	H	06 08 11.70	+37 58 57.9	7.09		H	92.048 730 24	+37.982 747 80	A	4.52	−12.17	−9.12	1.08	0.81	1.14	1.38	0.76	+0	+14	+7	−11	+0	+15	+5	−54	+10	+21	2	−0.51
29091		06 08 11.92	+24 57 26.2	10.08		H	92.049 652 65	+24.957 276 41		1.01	1.43	−8.89	1.91	1.42	1.94	2.33	1.55	+31	+26	−28	−32	−54	+15	−40	−70	+25	+44	3	−0.56
*29092		06 08 12.88	−79 43 33.1	9.03		H	92.053 650 00	−79.725 855 05		5.31	4.19	21.11	0.68	0.73	0.77	0.72	0.97	−15	+27	+3	−10	+12	+3	+10	−9	−15	−35	0	−1.70
*29093		06 08 12.74	−50 59 36.3	8.83		H	92.053 079 68	−50.993 406 27		12.75	−2.67	61.88	0.71	0.78	0.82	0.85	1.03	−16	+16	−16	−10	+5	+10	+4	−15	−17	−18	0	−0.95
29094		06 08 13.64	−53 16 58.6	8.21		G	92.056 840 32	−53.282 942 40		10.99	−20.41	66.49	0.61	0.60	0.65	0.62	0.82	+1	−1	−7	+6	+3	+2	+4	+14	−6	+7	4	0.53
29095		06 08 13.96	−07 35 55.8	10.35		H	92.058 187 34	−07.598 835 33		2.05	−0.28	−3.12	1.66	1.34	1.72	1.80	1.54	+1	+12	−7	−49	−1	+3	−2	−50	−3	−20	0	1.24
29096		06 08 14.54	−28 59 41.8	11.85	2	G	92.060 565 42	−28.994 932 84		28.35	−86.22	113.63	1.76	2.06	2.66	2.18	2.38	−9	−2	+6	+8	−18	−1	−16	+13	+11	−28	5	2.41
29097		06 08 15.89	−57 55 53.4	8.67		H	92.066 198 10	−57.931 513 88		9.80	55.00	−78.29	0.64	0.61	0.71	0.64	0.77	−3	+3	+4	−13	−8	−16	−11	−26	+0	−4	2	1.29
29098		06 08 17.08	−55 14 21.2	8.90		H	92.071 155 27	−55.239 229 79		9.86	7.67	94.24	0.82	0.75	0.85	0.85	0.80	+8	−2	−20	−7	−18	+33	−17	−27	+7	−1	3	1.27
29099		06 08 17.17	−52 32 17.3	8.92		G	92.071 538 97	−52.538 126 89		−1.13	3.81	7.77	0.79	0.90	0.93	1.10	1.20	+11	−6	−32	−13	−9	+12	−7	−15	+12	+16	5	1.58
29100		06 08 17.37	−30 40 03.3	10.56		H	92.072 369 92	−30.667 591 47		8.89	108.17	−203.83	0.94	1.13	1.41	1.19	1.48	−1	+7	+4	+9	−7	+7	−7	+3	−8	+5	3	3.59

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
29001	7.958	0.010	7.406	0.009		0.543	0.015	G	0.62	0.01	H	7.4575	0.0009	0.009	69		7.44	7.47		D			1							S
29002	7.448	0.008	6.977	0.007		0.455	0.015	G	0.52	0.02	H	7.0388	0.0007	0.006	76		7.03	7.05					1							S
29003	9.414	0.016	8.675	0.013		0.677	0.016	T	0.74	0.01	L	8.7449	0.0015	0.015	98		8.72	8.77		C			1							
29004	10.264	0.029	8.417	0.012		1.568	0.026	T	2.05	0.07	O	8.2935	0.0027	0.021	111		8.26	8.33		U			1							
29005	9.634	0.014	9.095	0.013		0.505	0.017	T	0.58	0.02	L	9.1617	0.0014	0.017	152		9.13	9.21		C			1							
29006	7.982	0.009	7.534	0.009		0.402	0.015	G	0.47	0.02	H	7.5985	0.0013	0.011	75		7.57	7.61					1							S
29007	8.967	0.010	8.542	0.010		0.415	0.012	T	0.48	0.01	L	8.5843	0.0014	0.019	163		8.55	8.62					1							
29008	8.769	0.013	8.585	0.015		0.176	0.019	T	0.19	0.02	L	8.5909	0.0016	0.011	79		8.56	8.61					1							
29009	9.605	0.029	7.836	0.014		1.526	0.020	G	1.60	0.02	A	7.7827	0.0012	0.014	137		7.76	7.80		C			1							S
29010	9.099	0.014	7.269	0.007		1.522	0.012	T	1.56	0.02	L	7.2376	0.0011	0.009	85		7.22	7.25		C			1							
29011	8.716	0.016	8.705	0.020		0.078	0.015	G	0.09	0.02	H	8.7097	0.0018	0.016	69		8.68	8.74					1							
29012	8.554	0.016	7.365	0.011		1.018	0.015	T	0.99	0.01	L	7.4143	0.0012	0.011	141		7.40	7.43					1							S
29013	8.454	0.013	8.034	0.013	*	0.375	0.004	G	0.44	0.00	H	* 8.0749	0.0015	0.011	76	*	8.06	8.09		D	06073+1848	I 1	2 C	A	AB	167	0.316	0.004	1.46	0.05	
29014	7.011	0.005	7.078	0.008		−0.056	0.009	T	−0.03	0.01	L	7.0677	0.0012	0.008	83		7.05	7.08		C			1							S
29015	8.310	0.011	8.291	0.014	*	0.050	0.015	G	0.06	0.01	H	* 8.2865	0.0020	0.013	70	*	8.26	8.32		D	06073−0157	H 1	2 C	A	AB	187	0.533	0.015	2.46	0.06	
29016	10.591	0.041	8.575	0.014		1.707	0.036	T	2.55	0.05	O	8.3508	0.0022	0.021	90		8.31	8.38		R			1							
29017	7.757	0.009	7.811	0.010		−0.045	0.012	T	−0.02	0.01	L	7.8164	0.0019	0.016	87		7.80	7.85		M			1							S
29018	8.861	0.011	8.470	0.012	*	0.382	0.014	T	0.45	0.01	L	* 8.5287	0.0021	0.020	131	*	8.50	8.57			06074−2112	H 1	2 C	S B	AB	112	0.164	0.037	2.21	0.81	
29019	9.635	0.017	8.412	0.010		1.045	0.015	T	1.02	0.01	L	8.4695	0.0017	0.018	122		8.44	8.50					1							
29020	8.846	0.020	8.613	0.022	A	0.249	0.015	G	0.28	0.02	H	8.6349	0.0079	0.032	83	A	8.59	8.70		D	06074+0209	I 2	1 C	P A							
29021											T	10.8060	0.0488			B				D	06074+0209	I 2	1 C	I A							
29022											T	11.6855	0.0328	0.309	68		11.02	11.94	3.89	P 1 A			1							D
29023	10.251	0.024	8.342	0.010		1.585	0.021	T	1.60	0.02	L	8.2713	0.0025	0.021	142		8.24	8.31		U			1							
29024	6.979	0.007	6.985	0.008	A	0.400	0.495	G	0.02	0.01	L	* 6.9505	0.0006	0.007	92	*	6.94	6.96		D	06074+3616	I 1	2 C	A	AB	278	1.515	0.010	2.45	0.04	S
29025	7.711	0.007	6.287	0.004		1.202	0.006	T	1.16	0.01	L	6.3152	0.0009	0.007	95		6.30	6.33		C			1							S
29026	8.974	0.016	8.958	0.020		0.019	0.024	T	0.04	0.02	L	8.9646	0.0017	0.012	68		8.95	8.99					1							
29027	7.924	0.010	7.978	0.012		−0.040	0.015	G	−0.02	0.01	H	7.9772	0.0010	0.009	76		7.96	8.00					1							S
29028	10.977	0.044	9.139	0.016		1.529	0.037	T	1.57	0.08	L	9.0789	0.0018	0.025	192		9.04	9.12		R			1	S						
29029	7.900	0.008	7.798	0.008		0.092	0.010	T	0.10	0.01	L	7.8254	0.0015	0.011	123		7.81	7.85					1							S
29030	10.068	0.028	9.063	0.020		0.878	0.026	T	0.89	0.02	L	9.0883	0.0021	0.017	88		9.06	9.12		C			1							
29031	7.824	0.006	7.809	0.008		0.014	0.002	G	0.03	0.00	H	7.8150	0.0009	0.009	113		7.80	7.83					1							S
29032	10.027	0.032	8.508	0.016		1.277	0.028	T	1.24	0.03	L	8.5261	0.0017	0.015	81		8.50	8.55		C			1							
29033	8.275	0.011	7.123	0.007		0.990	0.010	T	0.97	0.01	L	7.1875	0.0013	0.010	84		7.18	7.20		C			1							S
29034	4.873	0.002	4.983	0.002		−0.095	0.003	T	−0.08	0.00	L	4.9753	0.0005	0.005	135		4.97	4.98		C			1							S
29035	9.780	0.021	9.010	0.018		0.701	0.022	T	0.76	0.02	L	9.0612	0.0019	0.018	99		9.03	9.09					1							
29036	12.152	0.109	10.724	0.050		1.200	0.020	G	1.16	0.02	H	10.7804	0.0044	0.052	194		10.64	10.85		U			1	X S						G
29037	8.202	0.012	8.140	0.014		0.035	0.015	G	0.05	0.01	H	8.1754	0.0013	0.013	62		8.16	8.20		D			1							
29038	4.207	0.003	4.387	0.003		−0.164	0.006	G	−0.17	0.03	C	4.3588	0.0012	0.007	68		4.35	4.37		M			1							S
29039	8.995	0.013	8.153	0.011		0.740	0.013	T	0.79	0.01	L	8.2282	0.0013	0.012	105		8.21	8.25		C			1							
29040	8.188	0.013	6.831	0.006		1.150	0.011	T	1.11	0.01	L	6.8645	0.0010	0.008	77		6.85	6.87		C			1							S
29041	7.933	0.010	7.764	0.010	*	0.202	0.006	G	0.22	0.01	H	* 7.7820	0.0015	0.009	85	*	7.76	7.80		D	06076+2152	I 1	2 C	A	AB	146	0.537	0.015	2.92	0.05	S
29042	10.052	0.032	9.607	0.033		0.420	0.042	T	0.49	0.04	L	9.6346	0.0027	0.025	73		9.60	9.68					1	S						G
29043	9.246	0.019	9.121	0.023		0.121	0.028	T	0.14	0.03	L	9.1055	0.0025	0.022	77		9.06	9.14		C			1	S						
29044	8.394	0.011	8.440	0.015		−0.037	0.017	T	−0.01	0.02	L	8.4738	0.0034	0.017	75		8.45	8.50		U			1							
29045	9.123	0.013	8.179	0.009		0.833	0.012	T	0.85	0.01	L	8.2255	0.0013	0.014	124		8.20	8.24					1							
29046	10.586	0.039	8.550	0.013		1.724	0.034	T	2.32	0.07	O	8.3823	0.0021	0.019	112		8.34	8.42		U			1							
29047	8.772	0.011	7.324	0.006		1.221	0.010	T	1.18	0.01	L	7.3482	0.0011	0.009	120		7.33	7.36					1							S
29048	7.435	0.006	5.475	0.004		1.661	0.006	T	1.92	0.03	O	5.3720	0.0027	0.028	117		5.33	5.42		U 2			1							S P
29049	8.322	0.010	8.319	0.013		−0.014	0.002	G	0.01	0.00	H	8.3498	0.0018	0.013	68		8.33	8.38		C			1							
29050	9.802	0.028	9.365	0.029		0.413	0.037	T	0.48	0.04	L	9.4101	0.0019	0.016	77		9.39	9.45		C			1							
29051	9.624	0.023	9.578	0.033		0.080	0.015	G	0.09	0.02	H	9.5908	0.0030	0.017	69		9.57	9.62		C			1							G
29052						1.600	0.027	G	2.60	0.07	I	11.9293	0.0051	0.064	170		11.82	12.03					1							G
29053	8.733	0.013	8.728	0.017		−0.004	0.015	G	0.02	0.01	H	8.7594	0.0021	0.014	79		8.74	8.80		C			1							
29054	10.994	0.066	9.379	0.028		1.352	0.057	T	1.32	0.07	L	9.4122	0.0035	0.017	69		9.38	9.45		C			1							
29055						0.540	0.020	G	0.61	0.02	H	12.0584	0.0584	0.432	94		11.19	12.45		U 2			1	S						G
29056	10.499	0.042	10.288	0.056		0.202	0.066	T	0.22	0.08	L	10.1500	0.0036	0.028	84		10.10	10.20					1							G
29057	7.113	0.004	6.784	0.004		0.317	0.006	T	0.37	0.01	L	6.8376	0.0014	0.014	139		6.81	6.86		U 2			1							S
29058	9.863	0.022	9.317	0.020		0.518	0.022	T	0.59	0.02	L	9.3656	0.0025	0.018	105		9.34	9.39		C			1							
29059	9.222	0.015	9.135	0.019		0.085	0.023	T	0.10	0.03	L	9.1776	0.0015	0.016	118		9.14	9.20		C			1							
29060	10.622	0.049	10.098	0.047		0.492	0.061	T	0.56	0.06	L	10.2030	0.0030	0.020	77		10.17	10.24		C			1							G
29061	9.139	0.017	8.549	0.016		0.551	0.021	T	0.62	0.02	L	8.6100	0.0021	0.015	78		8.58	8.64		C			1							
29062	7.077	0.005	7.065	0.005	*	0.016	0.006	T	0.04	0.01	L	* 7.0617	0.0008	0.007	113	*	7.05	7.07		D	06078+4240	I 1	2 C	A	AB	201	0.415	0.002	1.10	0.01	S
29063	10.106	0.031	9.062	0.021		0.867	0.002	G	0.91	0.00	H	9.1169	0.0022	0.013	71		9.09	9.14		C			1							
29064	5.506	0.003	5.499	0.004		0.007	0.004	T	0.03	0.00	L	5.5105	0.0006	0.005	113		5.50	5.52		C	06079−4209	I 1	1							S
29065	9.068	0.012	8.659	0.013	*	0.400	0.015	T	0.47	0.02	L	* 8.6901	0.0014	0.017	135	*	8.67	8.73		D	06079−3839	H 1	2 C	A	AB	75	0.293	0.023	2.61	0.22	
29066	8.737	0.013	8.281	0.013		0.420	0.015	G	0.49	0.02	H	8.3364	0.0012	0.012	70		8.31	8.36		C			1							
29067	11.391	0.060	9.890	0.025		1.250	0.015	G	1.41	0.03	I	9.8732	0.0025	0.033	170		9.81	9.95					1							
29068	8.459	0.012	7.091	0.007		1.158	0.011	T	1.12	0.01	L	7.1309	0.0009	0.009	92		7.11	7.15					1							S
29069	8.458	0.008	8.340	0.009	A	0.100	0.495	G	0.10	0.02	L	* 8.3499	0.0015	0.013	135	*	8.32	8.37			06079−4429	I 1	2 C	C	AB	68	2.002	0.037	4.11	0.44	
29070	9.779	0.026	9.158	0.024		0.490	0.015	G	0.56	0.02	H	9.2588	0.0021	0.015	70		9.23	9.28					1							
29071	8.958	0.013	7.821	0.009		0.978	0.012	T	0.96	0.01	L	7.8415	0.0061	0.045	113		7.76	7.92		U 2			1							S P
29072	7.764	0.009	7.791	0.011		−0.020	0.013	T	0.00	0.01	L	7.7990	0.0010	0.011	81		7.78	7.81		C			1							S
29073	8.869	0.013	7.779	0.009		0.939	0.005	G	0.93	0.00	H	7.8267	0.0014	0.012	77		7.80	7.85		C			1							S
29074	8.803	0.013	8.091	0.011		0.626	0.006	G	0.69	0.01	H	8.1556	0.0012	0.009	80		8.14	8.17		C			1							
29075	8.766	0.014	8.710	0.018		0.025	0.015	G	0.04	0.01	H	8.7490	0.0024	0.014	65		8.73	8.78		C			1							
29076	7.547	0.007	7.240	0.007		0.313	0.004	G	0.37	0.02	A	7.2824	0.0008	0.009	115		7.27	7.30		C			1							S
29077	7.742	0.007	7.346	0.008	A	0.344	0.007	G	0.40	0.01	H	* 7.3783	0.0011	0.009	87	*	7.37	7.39		C	06080+2118	I 1	2 C	B	AB	33	3.268	0.027	3.76	0.10	S
29078	10.705	0.034	9.188	0.016		1.275	0.030	T	1.23	0.03	L	9.2215	0.0023	0.021	123		9.19	9.26					1							
29079	9.182	0.017	8.589	0.016		0.559	0.015	G	0.63	0.01	H	8.6576	0.0018	0.015	87		8.63	8.70					1	G						
29080	8.829	0.012	8.364	0.012		0.461	0.015	G	0.53	0.02	H	8.4036	0.0015	0.015	103		8.38	8.44					1							
29081	8.064	0.009	8.080	0.012		−0.010	0.014	T	0.01	0.01	L	8.0742	0.0027	0.019	69		8.05	8.10		U			1							
29082	10.055	0.033	9.664	0.034		0.310	0.015	G	0.36	0.02	H	9.7293	0.0028	0.022	63		9.69	9.77		C			1							
29083	7.479	0.004	6.996	0.004		0.467	0.004	T	0.54	0.00	L	7.0496	0.0007	0.009	214		7.04	7.07					1							S
29084	9.352	0.024	8.894	0.024	*	0.432	0.031	T	0.50	0.03	L	* 9.3320	0.0032	0.021	92	*	9.30	9.36		D	06081+3714	I 1	2 C	A	AB	180	2.905	0.005	0.74	0.02	
29085	9.412	0.019	8.677	0.016		0.673	0.020	T	0.73	0.02	L	8.7105	0.0017	0.014	86		8.68	8.73		C			1							
29086	8.000	0.007	7.885	0.007		0.111	0.009	T	0.12	0.01	L	7.9195	0.0011	0.013	131		7.90	7.95		C			1							S
29087	7.835	0.006	7.555	0.007	A	0.500	0.495	G	0.25	0.03	L	* 7.5839	0.0012	0.014	170	*	7.56	7.61		D	06081−2525	I 1	2 C	A	AC	28	1.060	0.022	2.98	0.08	S D
29088	8.204	0.008	8.189	0.009		−0.003	0.002	G	0.02	0.00	H	8.2156	0.0015	0.014	122		8.19	8.25		C			1							S
29089	10.356	0.029	9.699	0.025		0.600	0.029	T	0.67	0.03	L	9.8008	0.0024	0.023	119		9.77	9.85		C			1							
29090	7.346	0.007	7.166	0.008	A	0.200	0.495	G	0.15	0.02	L	* 7.1439	0.0018	0.012	87	*	7.13	7.16			06082+3759	I 1	2 C	A	AB	330	1.758	0.007	2.59	0.03	S
29091	10.657	0.053	10.165	0.054		0.463	0.069	T	0.53	0.07	L	10.1872	0.0029	0.019	64		10.14	10.22					1							G
29092	9.190	0.014	9.051	0.017		0.126	0.021	T	0.14	0.02	L	9.0782	0.0020	0.017	109		9.05	9.10		C			1							
29093	9.471	0.018	8.875	0.016		0.556	0.018	T	0.63	0.02	L	8.9490	0.0018	0.017	90		8.92	8.98		C			1							
29094	8.926	0.011	8.276	0.010		0.593	0.015	G	0.66	0.01	H	8.3248	0.0016	0.013	109		8.30	8.35		C			1							S
29095	10.483	0.038	10.247	0.047		0.225	0.057	T	0.25	0.07	L	10.4158	0.0040	0.031	77		10.37	10.46		C			1							G
29096						1.401	0.009	G	1.67	0.02	I	11.8557	0.0098	0.098	144		11.69	11.99		U 2			1	S						D P
29097	9.497	0.016	8.723	0.013		0.689	0.016	T	0.75	0.01	L	8.8106	0.0020	0.019	122		8.78	8.85					1							
29098	10.106	0.029	8.985	0.019		0.957	0.027	T	0.94	0.02	L	9.0465	0.0020	0.016	101		9.02	9.08		C			1							
29099	11.540	0.075	9.146	0.017		1.843	0.008	G	1.69	0.02	A	9.0705	0.0022	0.021	115		9.03	9.12					1							
29100	11.264	0.061	10.607	0.053		0.611	0.003	G	0.68	0.00	H	10.6867	0.0052	0.044	137		10.63	10.75		R			1							G

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Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
29101		06 08 17.40	+03 23 18.2	7.60		H	92.072 505 76	+03.388 391 94		1.96	−5.63	−3.55	0.84	0.55	0.96	0.81	0.60	+15	+48	−7	−15	−12	−19	−14	−32	+1	+11	0	−0.66
29102		06 08 17.76	+53 08 31.6	8.39		H	92.074 003 90	+53.142 101 49		1.13	2.00	1.10	1.03	0.70	1.12	1.31	0.66	+10	+15	−1	+7	+45	+22	+37	+5	+1	+23	0	1.87
29103		06 08 17.81	−46 50 58.2	8.20	2	H	92.074 190 39	−46.849 502 48		2.24	4.58	−21.09	0.62	0.61	0.67	0.74	0.69	−15	+6	+6	+9	−8	+4	−7	+15	+2	−19	0	1.12
29104		06 08 17.88	+62 37 15.5	8.02		H	92.074 495 32	+62.620 968 44		4.66	−15.38	−3.90	0.64	0.57	0.87	0.69	0.55	+6	+15	−17	−12	−3	−7	−1	−13	+18	+1	0	−1.01
29105		06 08 18.08	−01 56 09.3	8.24		G	92.075 338 08	−01.935 927 94		4.13	−4.79	−9.21	0.94	0.72	1.01	0.92	0.77	+15	+38	+4	−33	+4	−10	−4	−47	−8	−15	0	0.08
29106		06 08 18.11	+13 58 17.5	8.12		G	92.075 458 59	+13.971 535 62		1.67	−3.93	−2.74	1.52	0.82	1.58	1.64	0.97	+4	+51	−12	+5	−43	−11	−22	−41	+8	+41	0	0.77
29107	H	06 08 18.58	−49 44 47.8	7.91		H	92.077 400 40	−49.746 621 06	A	5.84	4.45	11.87	1.12	1.20	1.01	1.04	1.18	−12	+6	−16	+11	+8	−7	+8	+1	−8	−9	1	0.16
29108		06 08 18.98	+45 33 15.8	7.43	2	H	92.079 071 46	+45.554 381 14		4.74	−5.72	−8.35	0.69	0.44	0.91	0.88	0.52	+17	+20	+1	+20	+31	−12	+27	−5	+20	−4	0	0.52
29109		06 08 19.16	+49 26 45.1	7.94		H	92.079 832 73	+49.445 851 80		3.76	−3.96	−0.84	0.75	0.49	0.93	0.80	0.52	+22	+36	−5	+30	+20	+0	+25	+0	+17	+28	0	1.17
29110		06 08 19.70	+37 43 52.2	8.31		G	92.082 101 74	+37.731 177 31		11.17	−12.76	26.96	0.98	0.70	1.13	1.40	0.78	+16	+15	+3	−11	−20	+25	−14	−55	+13	+27	0	0.40
29111		06 08 19.99	+11 27 34.3	9.78		H	92.083 290 52	+11.459 535 65		17.08	13.78	−285.51	2.07	1.49	2.29	3.06	1.75	+7	+9	−44	−48	−24	+19	−11	−71	+37	+21	3	2.81
29112		06 08 20.69	−63 13 19.1	9.21		H	92.086 201 41	−63.221 972 22		2.39	−2.41	3.57	0.79	0.65	0.85	0.89	0.96	−8	+3	+13	+12	−6	−4	−15	−40	−8	−19	0	−0.06
29113		06 08 21.50	+50 45 16.0	8.77		H	92.089 598 87	+50.754 450 60		17.32	−130.58	−216.86	1.00	0.74	1.25	1.16	0.78	+28	+27	−21	+35	+41	−16	+38	+29	+16	+21	0	0.71
29114		06 08 23.14	+41 03 21.0	6.34		H	92.096 396 45	+41.055 845 89		8.50	0.89	−49.27	0.79	0.52	0.79	1.07	0.61	+35	+29	+0	+13	−20	+12	−5	−38	+6	+60	0	1.01
29115		06 08 23.56	−06 32 55.1	8.90		G	92.098 178 26	−06.548 651 75		1.68	−2.86	−0.16	1.27	1.10	1.43	1.41	1.28	+11	+13	−23	−43	−3	+0	−7	−51	−8	−12	4	−0.38
*29116		06 08 24.74	+31 12 11.0	8.28		G	92.103 065 74	+31.203 055 71		16.19	68.40	−8.65	1.15	0.79	1.29	1.46	0.91	+2	+29	−19	−3	−22	+17	−3	−52	+25	+28	0	1.05
*29117		06 08 24.71	+22 59 53.1	9.61		H	92.102 940 80	+22.998 076 90		1.31	3.16	−7.55	1.71	1.05	1.84	1.75	1.15	−6	+51	−4	−2	−5	−5	+2	−50	+2	+8	0	0.26
29118	H	06 08 25.39	−11 08 46.5	6.79		H	92.105 779 45	−11.146 256 66	A	13.02	12.41	−12.91	0.85	0.73	1.28	0.97	0.88	−12	+36	−19	−29	−14	−20	−35	−4	−48	+20	2	−0.69
29119		06 08 25.96	+31 12 15.6	8.54		H																							
29120		06 08 26.28	−05 20 22.5	8.12		H	92.109 505 90	−05.339 579 75		0.38	−4.01	1.22	0.92	0.77	1.04	0.98	0.91	+15	+37	−7	−38	−8	−24	−17	−48	−9	−1	0	0.63
29121		06 08 27.36	+13 55 51.1	8.77		H	92.113 989 34	+13.930 873 69		1.52	−6.08	−2.37	1.81	0.98	1.92	1.85	1.14	+11	+56	−17	−3	−46	−6	−27	−45	+12	+41	0	1.15
29122		06 08 28.24	−41 16 24.6	8.12		H	92.117 662 04	−41.273 498 13		3.62	17.18	−28.78	0.62	0.63	0.75	0.66	0.72	−2	+19	+11	+12	−4	+23	−9	+3	−9	−9	1	0.05
29123		06 08 28.28	+25 58 00.3	8.13		H	92.117 835 93	+25.966 737 68		2.16	−5.69	−2.58	1.21	0.88	1.19	1.63	0.99	+34	+19	−22	−16	−55	+17	−43	−62	+20	+43	0	1.74
29124		06 08 29.28	−71 07 12.0	8.97		G	92.121 985 62	−71.119 992 25		3.19	4.07	9.05	0.67	0.67	0.69	0.74	0.82	+5	+23	+12	−18	−19	−5	−19	+5	−5	−5	0	−0.16
*29125		06 08 30.46	+30 34 23.8	7.79		H	92.126 927 11	+30.573 270 17		4.71	−5.01	−30.21	0.94	0.63	1.01	1.07	0.67	+0	+29	−18	+3	−3	+2	+5	−41	+5	+23	2	0.00
*29126	H	06 08 30.37	+13 58 15.8	6.93		G	92.126 523 37	+13.971 066 22	A	2.66	−3.26	−1.76	1.89	1.22	1.60	2.16	1.30	+15	+31	−19	−9	−44	−3	−29	−54	+21	+33	2	0.86
29127		06 08 32.02	+13 58 01.0	8.70		G	92.133 431 85	+13.966 939 67		−5.56	−4.67	−3.07	2.61	1.62	2.51	3.42	1.90	+37	+41	−19	−23	−66	−5	−49	−67	+15	+57	12	0.69
29128		06 08 33.14	+49 56 38.0	8.56		H	92.138 074 62	+49.943 881 36		5.06	0.73	15.03	0.87	0.60	1.07	1.00	0.65	+14	+29	−2	+20	+16	−5	+18	−1	+16	+13	0	1.76
29129		06 08 34.64	−44 21 22.4	6.26		H	92.144 319 62	−44.356 228 33		4.34	−9.74	6.65	0.45	0.43	0.50	0.48	0.50	−3	+11	−6	−17	−3	+6	−3	+7	−4	−3	0	−1.05
29130		06 08 37.16	+68 42 43.7	8.01		H	92.154 840 74	+68.712 149 50		5.92	−2.72	−47.12	0.45	0.58	0.91	0.51	0.67	−10	+17	−2	+15	+28	−3	+32	−1	+23	+1	0	0.04
29131		06 08 39.57	−42 48 24.0	8.68		G	92.164 862 18	−42.806 676 15		2.64	−0.49	6.99	0.61	0.65	0.75	0.64	0.75	−4	−19	+8	−16	−5	+22	−6	−4	−10	+1	0	0.33
29132		06 08 40.75	+09 28 41.7	10.39		H	92.169 777 43	+09.478 253 11		31.69	−65.03	−6.24	3.40	2.23	2.41	4.62	2.77	+66	+27	−9	−78	−68	−6	−64	−84	+7	+71	0	1.19
29133		06 08 43.04	−02 29 59.5	8.71		H	92.179 340 57	−02.499 874 63		15.51	7.87	−165.28	0.98	0.81	1.11	1.10	0.89	−10	+28	−15	−27	+17	−17	+10	−46	+11	−41	0	0.18
29134		06 08 44.34	−68 50 36.4	5.06		H	92.184 767 24	−68.843 457 17		11.78	−50.90	19.68	0.50	0.43	0.48	0.53	0.49	+1	+22	+7	−24	+1	+8	+3	+7	−6	−13	2	0.31
29135		06 08 45.70	−07 56 10.7	6.69		G	92.190 407 09	−07.936 313 04		7.78	−8.35	−19.50	0.77	0.63	0.85	0.85	0.72	+3	+2	−22	−42	−7	+2	−5	−35	+3	−24	0	0.15
29136		06 08 46.51	−43 48 44.1	7.49		G	92.193 786 33	−43.812 240 22		2.28	−5.96	9.66	0.50	0.51	0.58	0.58	0.60	−6	−2	−5	−4	−7	+15	−7	−4	−4	−4	0	0.86
29137		06 08 46.99	+82 27 30.4	8.27		H	92.195 785 91	+82.458 454 09		1.31	−4.23	−5.65	0.61	0.70	0.85	0.64	0.77	−2	+24	−5	+0	+7	+22	+7	+14	+4	+10	1	0.14
29138		06 08 47.03	+08 40 10.0	6.55		G	92.195 962 49	+08.669 457 88		1.83	0.92	−10.79	0.73	0.50	0.82	0.90	0.58	+5	+27	−25	−6	−9	−9	−4	−38	+11	+22	0	−1.12
29139		06 08 47.62	+22 59 05.1	8.67		H	92.198 410 06	+22.984 745 85		2.04	1.66	−7.30	1.50	0.88	1.60	1.42	0.96	+3	+55	−4	−6	−8	−6	−4	−44	+2	+11	3	1.43
29140		06 08 47.72	−06 49 17.0	6.46		H	92.198 834 51	−06.821 392 51		8.98	−30.20	8.07	0.77	0.67	0.89	0.89	0.77	−1	+6	−29	−40	+6	+5	+6	−46	+1	−21	7	1.08
29141		06 08 48.05	−59 27 56.6	7.94		H	92.200 213 30	−59.465 736 07		4.29	1.59	31.61	0.63	0.47	0.62	0.71	0.65	−11	−3	−5	+16	−7	−4	−10	−27	+0	−15	0	0.04
29142	H	06 08 48.62	−52 08 08.9	7.97		G	92.202 580 70	−52.135 812 36	B	11.91	−13.43	65.66	2.81	3.82	0.97	1.27	1.23	−44	+1	−13	−4	+1	−6	−1	−14	+1	+15	1	0.44
29143		06 08 49.41	−36 07 45.7	8.02		G	92.205 868 33	−36.129 363 99		10.25	79.39	−129.60	0.52	0.57	0.68	0.53	0.60	−7	+20	−15	+10	−10	+13	−10	−8	−5	−10	0	−0.87
29144		06 08 51.94	−50 40 30.2	8.64		H	92.216 414 40	−50.675 053 51		1.01	−1.74	15.13	0.64	0.76	0.75	0.81	0.92	−7	+9	−21	+4	−4	+6	−4	+29	−15	−8	0	0.68
29145	H	06 08 55.22	−12 37 59.7	9.22		H	92.230 079 97	−12.633 261 75	A	0.56	2.34	−1.60	2.05	1.62	1.95	1.97	1.52	+28	+12	−18	−38	−33	+24	−25	−37	−3	+21	2	−0.36
29146		06 08 55.71	+12 28 01.5	8.62		H	92.232 121 41	+12.467 077 30		1.70	−3.12	−10.34	1.18	0.69	1.24	1.17	0.77	+9	+45	−11	−1	+1	+1	+4	−18	+2	+29	0	0.67
29147		06 08 55.82	+15 42 18.3	8.45		H	92.232 596 72	+15.705 079 26		1.10	−3.32	−11.39	1.10	0.68	1.18	1.19	0.76	+5	+40	−11	+6	−4	+13	+3	−35	+4	+25	0	−1.02
29148		06 08 56.54	+24 21 35.5	8.18		G	92.235 585 19	+24.359 874 82		0.74	−0.47	−3.15	1.25	0.93	1.23	1.72	1.12	+34	+20	−12	−31	−42	+9	−33	−70	+16	+44	0	0.26
29149		06 08 56.69	−02 02 13.2	7.05		G	92.236 194 53	−02.036 998 28		5.79	20.52	−15.80	0.77	0.58	0.83	0.73	0.61	+8	+36	−1	−30	+6	−12	+1	−38	−8	−10	0	0.01
*29150		06 08 57.87	−22 25 38.2	5.49		H	92.241 113 81	−22.427 283 52		12.77	−3.85	−52.83	0.38	0.47	0.70	0.47	0.58	−17	+10	−2	+18	−10	−12	−15	+6	−10	−8	0	0.34
*29151		06 08 57.90	+02 29 59.0	5.70		H	92.241 268 44	+02.499 726 75	A	5.35	−1.75	−14.17	1.45	1.17	1.22	1.47	1.08	−2	+20	−31	−36	+2	−11	−1	−48	+10	−9	4	0.39
*29152		06 08 57.85	−38 03 53.3	8.00		H	92.241 031 75	−38.064 804 23		6.45	−2.66	−4.83	0.57	0.57	0.70	0.68	0.63	+5	+17	−5	+18	−7	+24	−7	+21	−11	−8	0	−0.35
29153		06 08 58.19	−09 38 52.5	7.96		H	92.242 450 88	−09.647 908 91		5.66	−13.93	3.65	0.78	0.71	1.11	0.87	0.88	−15	+49	−34	−44	+2	−32	−13	−37	−12	+23	0	2.50
29154		06 08 59.68	+02 29 47.1	6.93		G	92.248 674 94	+02.496 422 66	B	5.87	−1.11	−10.79	6.31	4.66	3.51	4.05	3.01	+6	+16	−33	−25	−6	−10	−10	−41	+13	−1	4	0.39
29155		06 09 01.05	−82 09 27.3	7.61		H	92.254 370 14	−82.157 589 03		4.29	3.50	25.31	0.51	0.54	0.58	0.58	0.67	−9	+29	−5	+1	−1	+12	−4	−16	−5	−22	0	−0.53
29156		06 09 01.72	−08 23 44.2	9.14		H	92.257 159 48	−08.395 597 71		0.51	−3.70	−0.42	1.21	1.07	1.44	1.40	1.24	−10	+10	−15	−42	+15	+6	+12	−49	−8	−41	0	−0.92
29157		06 09 02.09	−65 05 11.1	8.37		H	92.258 720 24	−65.086 413 74		3.31	9.62	9.27	0.82	0.79	0.80	1.00	0.89	−26	+15	+0	−35	+15	+4	+15	−39	−4	−52	1	0.19
29158		06 09 02.34	+25 30 45.8	8.57		H	92.259 733 80	+25.512 731 97		0.45	−1.32	−5.23	1.26	0.93	1.14	1.75	1.10	+49	+10	−11	−36	−57	+6	−52	−71	+17	+48	0	−0.05
29159		06 09 02.57	−41 07 04.7	7.43	1	H	92.260 695 48	−41.117 960 64		3.91	−5.79	−11.85	0.56	0.50	0.63	0.63	0.57	+3	+16	+12	+17	−5	+25	−12	+3	−12	−10	4	−0.09
29160	H	06 09 04.29	+52 25 16.5	8.58		G	92.267 887 67	+52.421 251 48	A	3.49	9.08	−13.98	1.95	1.28	2.00	2.02	1.20	−7	+22	−15	+28	+33	−5	+38	+2	+11	+8	1	0.41
29161		06 09 05.53	+41 33 00.8	8.06		G	92.273 044 39	+41.550 234 65		3.40	−4.18	0.58	0.96	0.60	1.05	1.25	0.68	+8	+31	−9	+18	−20	+15	−1	−38	+15	+35	0	−0.68
29162		06 09 06.09	+56 11 50.4	8.02		H	92.275 372 08	+56.197 325 89		2.43	−5.66	−11.94	0.95	0.70	1.08	1.08	0.78	+24	+28	−14	+11	+35	−4	+37	+5	+27	+23	0	0.94
29163		06 09 06.79	−08 18 05.7	6.64		H	92.278 284 77	−08.301 577 30		4.45	10.16	3.11	0.85	0.67	0.93	0.99	0.78	+0	+1	−27	−43	−4	+10	+1	−36	−1	−29	0	−0.33
29164		06 09 06.99	+66 55 49.0	9.51		H	92.279 111 45	+66.930 269 55		9.54	45.62	−113.63	0.84	0.98	1.53	1.02	1.01	−2	+14	−12	+5	+0	−12	+0	+3	+14	−10	0	−0.31
29165		06 09 07.19	−15 42 05.9	7.68		G	92.279 937 91	−15.701 649 34		2.79	−5.34	6.50	0.60	0.55	1.01	0.82	0.59	+8	+13	−21	−8	−63	+45	−56	−10	+13	+36	0	0.69
29166		06 09 07.25	+07 30 48.7	6.63		H	92.280 205 26	+07.513 532 56		3.65	−1.98	−2.64	0.73	0.50	0.82	0.80	0.56	+2	+32	−9	−9	−2	−8	−3	−33	+1	+3	0	1.24
29167		06 09 07.83	+07 03 19.5	8.52		H	92.282 643 98	+07.055 426 83	A	2.28	1.57	−5.50	1.50	1.09	1.49	1.60	1.12	+2	+4	−12	−21	+7	+5	+0	−40	−1	−25	3	0.11
29168		06 09 09.56	+11 39 19.7	8.42		H	92.289 819 86	+11.655 475 35		7.61	−79.06	−84.65	1.74	1.19	1.60	2.63	1.43	+60	−16	−40	−57	−62	+46	−55	−67	+32	+68	3	0.84
29169		06 09 09.78	+11 39 55.3	8.96		H	92.290 753 39	+11.665 357 57		4.21	−5.69	−3.88	1.81	1.24	2.02	2.48	1.42	+13	+9	−46	−48	−35	+34	−17	−68	+40	+44	0	1.06
29170	H	06 09 09.96	−14 03 55.4	7.45		H	92.291 494 45	−14.065 397 77	A	8.14	−3.12	−5.33	0.89	0.78	1.08	1.01	0.93	+2	+20	−10	−25	−30	+16	−33	−25	−12	+10	1	0.07
29171		06 09 11.44	−73 35 51.3	8.68		H	92.297 669 13	−73.597 594 96		3.55	19.60	−34.88	0.67	0.70	0.74	0.67	0.79	−3	+27	−5	+3	−8	+12	−11	+3	−13	−12	0	0.34
29172		06 09 13.53	−20 40 52.1	8.73		H	92.306 373 74	−20.681 129 91		0.31	−7.07	8.97	0.85	0.89	1.26	0.90	1.04	−1	+8	−1	+11	−37	−4	−40	+1	−4	−4	3	0.75
29173		06 09 13.96	+31 44 02.4	8.85		H	92.308 150 12	+31.734 002 70		1.53	2.08	−19.20	1.19	0.76	1.36	1.71	0.96	+0	+24	−22	+12	−22	−1	−10	−45	+33	+4	0	0.07
29174		06 09 15.20	−13 13 14.8	7.39		H	92.313 316 59	−13.220 787 46		8.81	−4.68	−3.41	0.65	0.55	0.84	0.81	0.67	+16	+12	−19	−34	−21	+12	−16	−19	+1	+2	0	−1.62
29175		06 09 16.87	−17 17 29.8	7.71		H	92.320 312 50	−17.291 604 37		7.07	2.84	3.22	0.62	0.53	0.87	0.79	0.67	+5	+17	−4	+11	−43	+13	−42	+6	−5	+43	1	0.83
29176		06 09 19.43	−20 55 18.7	8.73		H	92.330 952 32	−20.921 858 75		0.52	3.83	2.72	0.79	0.80	1.11	0.88	0.89	−19	+9	+2	+40	−31	−4	−30	+11	+1	−18	1	2.28
29177		06 09 19.54	−03 47 41.2	8.45		H	92.331 432 27	−03.794 779 83		0.96	−2.46	−1.69	0.97	0.74	1.00	1.13	0.89	−22	+29	−8	−44	+35	−17	+28	−49	−11	−34	0	−0.08
29178		06 09 20.20	−18 07 34.8	6.36		H	92.334 149 00	−18.126 333 49		7.96	3.51	−21.33	0.54	0.46	0.71	0.68	0.52	+10	+11	+9	−1	−44	+9	−45	+8	−8	+30	0	1.22
29179		06 09 20.46	−18 29 47.5	7.76		H	92.335 267 85	−18.496 540 12		2.50	16.39	10.11	0.65	0.62	0.97	0.73	0.70	−3	+20	−9	+18	−43	+15	−43	+13	−7	+17	0	1.49
29180		06 09 21.94	+42 25 10.7	8.95		H	92.341 425 40	+42.419 647 24		5.22	−2.32	−2.23	1.04	0.58	1.29	1.32	0.65	−3	+28	−20	+23	+15	−22	+13	−20	+28	−12	0	−1.01
29181		06 09 22.70	−46 16 49.4	9.10		H	92.344 587 02	−46.280 393 87		10.17	−32.86	77.33	0.73	0.77	0.83	0.78	0.84	−15	+12	−1	+0	−7	+5	−8	+14	−7	−19	0	−0.41
29182		06 09 23.10	+55 57 48.6	7.84		H	92.346 237 74	+55.963 504 93		6.05	19.85	−24.85	1.07	0.66	1.20	1.11	0.83	+13	+54	−2	−19	+33	−16	+47	−1	+41	+1	0	1.11
29183		06 09 23.17	+51 31 31.2	8.42		H	92.346 544 09	+51.525 332 93		0.78	−5.30	−6.98	0.94	0.69	1.24	1.07	0.70	+3	+22	−21	+26	+24	−5	+23	+16	+10	+9	2	0.80
29184		06 09 23.19	+13 06 42.9	9.50		H	92.346 611 98	+13.111 929 65		1.78	−1.90	−13.00	1.12	0.70	1.21	1.21	0.79	−5	+42	−7	+0	−9	−19	−4	−29	−2	+15	0	0.21
29185		06 09 23.43	−49 33 46.8	6.48		H	92.347 643 12	−49.563 013 76		16.63	−10.68	74.96	0.48	0.46	0.52	0.54	0.57	+3	+12	−22	−2	+0	−1	−2	+19	−15	+6	0	0.33
29186	H	06 09 25.18	+17 10 59.8	8.76	2	H	92.354 898 05	+17.183 290 22	A	−2.91	3.85	−4.98	2.21	1.48	2.23	2.53	1.52	−3	+2	+8	−24	+10	+23	+7	−50	−2	+5	0	2.95
29187		06 09 26.17	+16 40 04.1	9.23		H	92.359 045 31	+16.667 813 35		8.73	10.46	−10.28	1.64	1.09	2.30	2.13	1.22	−19	+58	−62	+9	−56	+51	+9	−70	+52	+59	0	−1.54
29188		06 09 26.56	+27 11 38.0	7.83		H	92.360 648 40	+27.193 896 68		2.77	0.49	−4.52	1.15	0.64	1.25	1.06	0.66	−41	+64	−45	+17	+0	+13	+30	−42	+26	+12	0	−2.73
29189		06 09 27.05	+17 50 04.2	8.41		G	92.362 705 55	+17.834 507 66		12.89	4.77	25.79	1.22	0.70	1.34	1.16	0.74	+9	+49	+5	−22	−9	+22	−7	−58	−8	+30	0	−1.18
29190		06 09 27.43	+19 13 54.5	8.47		G	92.364 308 09	+19.231 807 36		4.57	−7.47	21.84	1.26	0.87	1.65	1.59	1.01	−9	+40	−50	+6	−41	+33	−4	−55	+47	+26	0	−1.14
29191		06 09 27.62	−47 15 19.3	9.43		H	92.365 073 44	−47.255 352 18		5.75	0.87	32.18	0.83	0.86	0.95	0.99	0.96	−8	+14	+16	+20	−4	+6	−6	+17	−1	−8	0	1.25
29192		06 09 27.71	−15 06 52.0	9.19		G	92.365 449 90	−15.114 445 87		3.48	−5.05	4.90	0.83	0.81	1.23	1.22	0.96	+11	+1	−26	−20	−52	+24	−42	−33	+21	+27	0	−0.53
29193		06 09 27.72	−51 23 22.3	7.51		G	92.365 502 76	−51.389 540 87		13.83	−11.74	41.82	0.62	0.57	0.64	0.70	0.73	+4	+13	−16	−21	−2	−1	−5	+0	−12	+11	0	0.14
29194		06 09 29.28	−24 14 58.8	8.37		G	92.371 999 43	−24.249 676 46		0.88	−2.66	7.08	0.44	0.69	0.91	0.57	0.85	−17	+6	+2	+33	−10	−4	−10	+10	+12	−21	1	1.20
29195	H	06 09 29.72	−46 20 51.8	8.92		G	92.373 835 48	−46.347 716 45	A	2.83	−5.38	13.41	1.20	1.20	1.23	1.19	1.24	−12	+28	+3	+8	−3	+15	−6	+12	−2	−12	1	1.74
29196		06 09 32.44	+22 11 25.0	5.93	1	G	92.385 173 15	+22.190 274 15		0.53	−6.99	−4.97	0.85	0.53	0.94	0.84	0.59	−7	+51	−26	+10	−21	+6	+2	−42	+24	+25	0	0.83
29197		06 09 32.47	−46 40 37.6	9.07		H	92.385 298 86	−46.677 098 74		2.46	−6.57	39.91	0.76	0.74	0.84	0.90	0.82	−7	+4	+4	−2	−7	+11	−6	+11	−6	−18	0	0.11
29198		06 09 32.65	+28 39 56.6	7.94	2	H	92.386 056 63	+28.665 712 60		2.54	−12.84	−3.50	1.04	0.64	1.09	1.07	0.65	−35	+51	−31	+9	−3	+8	+8	−44	+9	−16	0	1.31
29199		06 09 32.69	−25 16 32.1	8.24		H	92.386 220 52	−25.275 576 76		10.11	23.17	21.21	0.55	0.85	1.07	0.74	1.04	−13	−7	−22	−11	+10	+9	+9	−28	+15	−26	0	0.67
29200	H	06 09 33.29	+05 39 47.8	8.68		H	92.388 714 02	+05.663 278 38	A	8.24	1.68	−15.04	5.20	3.77	3.54	3.83	2.98	−13	+4	−5	−10	+19	−22	+17	−36	−8	−29	0	−0.42

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
29101	7.560	0.007	7.596	0.009		−0.028	0.010	T	−0.01	0.01	L	7.6011	0.0011	0.008	75		7.58	7.61		C			1							S
29102	8.526	0.011	8.400	0.013		0.122	0.016	T	0.14	0.02	L	8.4354	0.0021	0.016	89		8.40	8.46		C			1							S
29103	9.733	0.019	8.362	0.011		1.161	0.017	T	1.12	0.01	L	8.3683	0.0052	0.072	114		8.31	8.52	18.66	P 1 A			1							
29104	8.246	0.009	8.063	0.011		0.175	0.013	T	0.19	0.01	L	8.0845	0.0013	0.013	113		8.06	8.11					1							S
29105	8.334	0.010	8.236	0.012		0.091	0.015	G	0.10	0.02	H	8.2726	0.0015	0.012	69		8.26	8.30					1							
29106	8.088	0.014	8.101	0.017		−0.006	0.011	G	0.01	0.01	H	8.1221	0.0017	0.013	57		8.10	8.14		C			1							
29107	8.048	0.007	7.952	0.009	*	0.094	0.010	T	0.11	0.01	L *	7.9457	0.0012	0.012	107	*	7.93	7.97		D	06083−4945	I 1	2 C A	AB	334	0.496	0.004	1.11	0.02	S
29108	7.603	0.007	7.455	0.008		0.142	0.010	T	0.16	0.01	L	7.4766	0.0035	0.033	125		7.44	7.54	0.70	P 1 A			1							S
29109	8.048	0.009	7.958	0.010		0.088	0.013	T	0.10	0.01	L	7.9803	0.0015	0.010	106		7.96	8.00		C			1							S
29110	8.754	0.012	8.337	0.012		0.440	0.015	G	0.51	0.02	H	8.4017	0.0015	0.011	92		8.39	8.42		C			1							
29111	10.856	0.072	9.832	0.045		0.881	0.066	T	0.89	0.05	L	9.9275	0.0034	0.023	62		9.88	9.97					1							G
29112	11.171	0.062	9.358	0.021		1.509	0.052	T	1.54	0.08	L	9.3331	0.0025	0.020	95		9.30	9.36					1							
29113	9.500	0.020	8.824	0.017		0.625	0.022	T	0.69	0.02	L	8.9058	0.0012	0.016	91		8.88	8.94		D			1							
29114	7.675	0.008	6.458	0.004		1.044	0.001	G	1.01	0.00	H	6.5075	0.0012	0.008	93		6.50	6.52					1							S
29115	9.347	0.022	8.989	0.023		0.339	0.030	T	0.40	0.04	L	8.9995	0.0025	0.020	71		8.97	9.02					1							
29116	8.915	0.014	8.348	0.013		0.561	0.015	G	0.63	0.01	H	8.3937	0.0024	0.013	81		8.38	8.42		D	06084+3112	I 2	1							
29117	10.073	0.031	9.718	0.035		0.337	0.044	T	0.39	0.06	L	9.6955	0.0037	0.028	75		9.66	9.75					1							G
29118	7.056	0.004	6.879	0.006	A	0.000	0.495	G	0.14	0.01	L *	6.8346	0.0008	0.007	119	−	6.82	6.85		D	06084−1109	I 1	3 C C							S G
29119											T	8.6786	0.0464	0.562	80		8.48	10.33		D	06084+3112	I 2								G
29120	8.133	0.010	8.119	0.012		0.013	0.014	T	0.03	0.01	L	8.1326	0.0015	0.009	68		8.12	8.15		C			1							S
29121	8.725	0.017	8.786	0.023		−0.052	0.025	T	−0.03	0.03	L	8.7639	0.0035	0.024	61		8.72	8.80					1							D
29122	9.226	0.015	8.222	0.010		0.877	0.013	T	0.89	0.01	L	8.2762	0.0012	0.014	117		8.26	8.30		C			1							S
29123	9.406	0.019	8.242	0.013		0.999	0.018	T	0.98	0.01	L	8.2988	0.0020	0.016	77		8.27	8.33					1							
29124	9.242	0.013	8.970	0.015		0.218	0.011	G	0.24	0.01	H	9.0399	0.0020	0.016	113		9.00	9.07					1							
29125	9.170	0.016	7.912	0.010		1.072	0.015	T	1.04	0.01	L	7.9616	0.0014	0.013	85		7.94	8.00		C			1							S
29126	7.078	0.032	7.185	0.034	A	−0.100	0.042	G	−0.08	0.05	R *	6.8879	0.0012	0.008	62	*	6.87	6.90		D	06084+1358	I 2	2 C A	AB	110	2.578	0.006	0.90	0.02	S
29127	8.532	0.053	8.547	0.067		0.016	0.032	G	0.04	0.03	H	8.5371	0.0076	0.043	60		8.02	8.57		D	06084+1358	I 2	1 S							D
29128	8.924	0.013	8.585	0.014		0.322	0.018	T	0.37	0.02	L	8.6376	0.0024	0.021	97		8.61	8.68					1							
29129	6.077	0.003	6.232	0.004		−0.135	0.004	T	−0.13	0.01	L	6.2136	0.0008	0.006	138		6.20	6.22			06086−4421	I 1	1							S
29130	8.440	0.006	8.027	0.006		0.390	0.008	T	0.46	0.01	L	8.0970	0.0011	0.014	244		8.07	8.12					1							S
29131	8.590	0.010	8.659	0.013		−0.062	0.003	G	−0.04	0.00	H	8.6670	0.0022	0.020	126		8.64	8.70					1							
29132						1.687	0.143	G	1.82	0.21	K	10.4805	0.0046	0.033	65		10.41	10.53		C			1 G							G
29133	9.481	0.019	8.779	0.017		0.647	0.021	T	0.71	0.02	L	8.8408	0.0014	0.014	68		8.81	8.87		D			1							
29134	4.970	0.002	5.038	0.002		−0.072	0.004	G	−0.08	0.02	A	5.0310	0.0005	0.004	91		5.02	5.04					1							S
29135	6.774	0.005	6.696	0.005		0.069	0.002	G	0.08	0.00	H	6.7175	0.0016	0.008	76		6.70	6.73					1							S
29136	7.417	0.006	7.502	0.008		−0.062	0.004	G	−0.04	0.00	H	7.4768	0.0010	0.011	107		7.46	7.50		C			1							S
29137	10.030	0.022	8.426	0.011		1.344	0.019	T	1.31	0.02	L	8.4200	0.0014	0.016	126		8.39	8.45		C			1							
29138	6.463	0.006	6.523	0.007		−0.065	0.009	G	−0.04	0.01	H	6.5313	0.0007	0.005	75		6.52	6.54		C			1							S
29139	10.401	0.042	8.826	0.019		1.321	0.036	T	1.28	0.04	L	8.8221	0.0017	0.016	75		8.79	8.85		D			1							
29140	7.569	0.008	6.566	0.005		0.876	0.007	T	0.89	0.01	L	6.6178	0.0011	0.008	78		6.61	6.64					1							S
29141	9.256	0.015	8.069	0.009		1.017	0.014	T	0.99	0.01	L	8.1041	0.0014	0.012	109		8.08	8.12					1							
29142	8.619	0.011	8.017	0.010	*	0.536	0.015	G	0.61	0.02	H *	8.0771	0.0015	0.014	99	*	8.06	8.10		D	06088−5208	I 1	2 C A	BA	327	0.344	0.005	0.82	0.08	S
29143	8.537	0.009	8.050	0.009		0.453	0.015	G	0.52	0.02	H	8.1125	0.0012	0.009	128		8.10	8.13		C			1							S
29144	9.552	0.018	8.722	0.015		0.731	0.018	T	0.78	0.01	L	8.7832	0.0021	0.019	111		8.75	8.82					1							
29145	9.349	0.017	9.215	0.021	*	0.129	0.025	T	0.14	0.03	L *	9.2652	0.0024	0.019	99	*	9.22	9.31		D	06089−1238	H 1	2 C A	AB	69	0.493	0.015	2.47	0.09	
29146	10.264	0.032	8.755	0.017		1.269	0.028	T	1.23	0.03	L	8.7841	0.0021	0.016	91		8.75	8.82		C			1							
29147	8.861	0.015	8.491	0.015		0.351	0.020	T	0.41	0.02	L	8.5347	0.0025	0.017	75		8.51	8.57					1							
29148	8.199	0.018	8.146	0.022		0.062	0.012	G	0.07	0.01	H	8.2010	0.0016	0.012	66		8.19	8.22		C			1							
29149	8.298	0.012	7.168	0.007		0.972	0.011	T	0.96	0.01	L	7.2204	0.0008	0.007	79		7.21	7.23		C			1							S
29150	5.478	0.002	5.482	0.003		−0.010	0.001	G	0.01	0.00	H	5.4933	0.0005	0.006	169		5.48	5.50		C			1 G							S
29151	5.769	0.004	5.695	0.004	A	0.067	0.005	T	0.08	0.01	L	5.7324	0.0063	0.007	86	A	5.70	5.74		D	06090+0230	I 2	1 C P D							S D
29152	8.117	0.008	7.992	0.011		0.113	0.013	T	0.13	0.01	L	8.0401	0.0016	0.017	131		8.02	8.07					1							S
29153	8.138	0.010	7.972	0.013		0.159	0.015	T	0.18	0.01	L	8.0117	0.0013	0.009	89		8.00	8.03					1							S
29154	6.918	0.008	6.859	0.008	B	0.033	0.004	G	0.05	0.00	H	6.9279	0.0142			B				D	06090+0230	I 2	1 C I D							S D
29155	7.586	0.006	7.608	0.009		−0.015	0.010	T	0.01	0.01	L	7.6153	0.0009	0.009	113		7.60	7.63					1							S
29156	9.383	0.020	9.161	0.024		0.212	0.029	T	0.23	0.03	L	9.2028	0.0030	0.019	68		9.16	9.24		C			1							
29157	9.622	0.021	8.481	0.014		0.981	0.020	T	0.96	0.02	L	8.5380	0.0012	0.014	94		8.52	8.56		D			1							
29158	8.763	0.014	8.604	0.016		0.146	0.005	G	0.16	0.01	H	8.6195	0.0023	0.014	74		8.60	8.64		C			1							
29159	7.645	0.006	7.461	0.007		0.176	0.009	T	0.19	0.01	L	7.4929	0.0019	0.016	116		7.47	7.52		U 2			1							S
29160	10.225	0.036	8.747	0.019	A	1.260	0.015	G	1.22	0.02	H *	8.7400	0.0022	0.016	86	*	8.71	8.77			06091+5225	H 1	2 C B	AB	251	2.353	0.045	3.55	0.32	
29161	8.071	0.009	8.070	0.011		0.020	0.015	G	0.04	0.01	H	8.0758	0.0012	0.011	87		8.06	8.09		C			1							S
29162	8.210	0.013	8.045	0.015		0.158	0.019	T	0.17	0.02	L	8.0799	0.0014	0.015	77		8.05	8.11					1							S
29163	8.422	0.012	6.794	0.006		1.363	0.011	T	1.33	0.01	L	6.7920	0.0012	0.010	71		6.77	6.82					1							S
29164	10.322	0.025	9.571	0.021		0.671	0.025	T	0.73	0.02	L	9.6471	0.0024	0.026	149		9.60	9.70		C			1							
29165	7.642	0.005	7.681	0.007		−0.028	0.002	G	−0.01	0.00	H	7.6838	0.0009	0.011	184		7.67	7.70		C			1 S							S
29166	7.793	0.008	6.749	0.006		0.907	0.008	T	0.91	0.01	L	6.7851	0.0012	0.008	84		6.77	6.80					1							S
29167	8.613	0.011	8.503	0.014	A	0.107	0.017	T	0.12	0.02	L	8.5649	0.0068	0.016	81	A	8.54	8.60		C	06091+0703	I 1	2 C A	AB	50	10.261	0.013	2.43	0.07	
29168	9.175	0.019	8.472	0.017		0.720	0.126	G	0.77	0.09	R	8.5634	0.0021	0.019	70		8.54	8.61		D	06092+1140	I 2	1							S
29169	10.114	0.043	9.001	0.028		0.727	0.126	G	0.78	0.09	R	9.1055	0.0044	0.022	66		9.08	9.15		D	06092+1140	I 2	1							
29170	7.853	0.007	7.523	0.009	*	0.313	0.010	T	0.36	0.01	L *	7.5278	0.0010	0.011	143	*	7.51	7.55		D	06092−1404	I 1	2 C A	AB	84	0.924	0.005	1.88	0.02	S
29171	10.634	0.040	8.841	0.016		1.493	0.034	T	1.52	0.05	L	8.8064	0.0016	0.013	99		8.78	8.83		C			1							
29172	10.055	0.022	8.830	0.014		1.047	0.020	T	1.02	0.02	L	8.8930	0.0024	0.020	127		8.86	8.94		C			1							
29173	9.307	0.018	8.905	0.019		0.380	0.024	T	0.44	0.03	L	8.9336	0.0015	0.012	79		8.91	8.96					1							
29174	7.719	0.006	7.416	0.007		0.291	0.001	G	0.33	0.00	H	7.4601	0.0010	0.010	101		7.44	7.48					1							S
29175	7.803	0.006	7.721	0.008		0.081	0.009	T	0.09	0.01	L	7.7417	0.0009	0.009	155		7.72	7.76		C			1							S
29176	8.773	0.014	8.704	0.018		0.062	0.020	T	0.07	0.02	L	8.7526	0.0026	0.019	126		8.71	8.79		C			1							
29177	8.340	0.013	8.432	0.018		−0.093	0.012	G	−0.07	0.01	H	8.4280	0.0017	0.009	56		8.41	8.45					1							
29178	6.305	0.003	6.352	0.004		−0.040	0.004	T	−0.02	0.00	L	6.3555	0.0007	0.007	139		6.34	6.37		C	06093−1808	I 1	1							S
29179	9.892	0.019	7.958	0.008		1.605	0.016	T	1.62	0.02	L	7.8794	0.0021	0.018	136		7.85	7.91					1							
29180	8.975	0.017	8.937	0.022		0.040	0.026	T	0.06	0.02	L	8.9670	0.0015	0.012	83		8.94	8.99					1							
29181	9.943	0.021	9.178	0.017		0.682	0.021	T	0.74	0.02	L	9.2416	0.0017	0.019	122		9.21	9.28					1							
29182	9.416	0.024	7.974	0.014		1.216	0.022	T	1.18	0.02	L	8.0083	0.0013	0.015	79		7.98	8.04					1							
29183	8.547	0.011	8.418	0.013		0.125	0.016	T	0.14	0.02	L	8.4676	0.0025	0.020	91		8.44	8.50					1 S							
29184	11.248	0.068	9.633	0.029		1.352	0.058	T	1.32	0.07	L	9.6587	0.0024	0.019	85		9.63	9.70					1 S							G
29185	7.068	0.005	6.543	0.004		0.502	0.005	T	0.57	0.01	L	6.5941	0.0006	0.006	109		6.59	6.61		C			1							S
29186	9.062	0.017	8.878	0.019	A	0.144	0.100	G	0.17	0.08	L *	8.8161	0.0070	0.042	80	*	8.76	8.89	0.73	P 1 A	06094+1711	H 1	2 C C	AB	12	3.192	0.042	3.48	0.38	P
29187	10.677	0.057	9.362	0.030		1.117	0.050	T	1.08	0.05	L	9.3970	0.0020	0.017	73		9.37	9.43					1							
29188	9.194	0.017	7.951	0.011		1.061	0.016	T	1.03	0.01	L	7.9943	0.0009	0.008	75		7.98	8.01		C			1							S
29189	9.053	0.015	8.475	0.014		0.538	0.013	G	0.61	0.01	H	8.5385	0.0014	0.012	74		8.52	8.55		C			1							
29190	9.006	0.015	8.500	0.015		0.440	0.015	G	0.51	0.02	H	8.5731	0.0024	0.016	78		8.54	8.60		C			1							
29191	9.952	0.023	9.457	0.022		0.477	0.024	T	0.55	0.03	L	9.5306	0.0022	0.019	111		9.50	9.58		C			1 G							
29192	9.222	0.012	9.147	0.015		0.045	0.003	G	0.06	0.00	H	9.2081	0.0019	0.024	161		9.17	9.25					1							
29193	8.317	0.011	7.573	0.009		0.657	0.015	G	0.72	0.01	H	7.6451	0.0012	0.010	87		7.62	7.66					1							S
29194	8.317	0.007	8.358	0.008		−0.036	0.004	G	−0.01	0.00	H	8.3716	0.0012	0.016	192		8.35	8.41					1							
29195	8.887	0.012	8.927	0.015	A	−0.037	0.004	G	−0.01	0.00	H *	8.9206	0.0015	0.015	115	*	8.89	8.95		D	06095−4621	I 1	2 C B	AB	278	8.411	0.035	3.30	0.16	
29196	8.083	0.011	6.117	0.005		1.626	0.015	G	1.68	0.04	E	6.0535	0.0021	0.017	80		6.03	6.08		U 2			1							S
29197	10.319	0.028	9.199	0.018		0.965	0.026	T	0.95	0.02	L	9.2331	0.0025	0.018	113		9.21	9.26		C			1							
29198	10.268	0.034	8.204	0.013		1.708	0.029	T	1.73	0.03	L	8.0415	0.0031	0.033	81		7.94	8.10		U 2			1 S							P
29199	8.906	0.010	8.296	0.009		0.548	0.015	G	0.62	0.01	H	8.3574	0.0017	0.021	171		8.32	8.39					1							S
29200	9.275	0.018	8.721	0.017	*	0.519	0.022	T	0.59	0.02	L *	8.7892	0.0019	0.019	74	*	8.76	8.81		D	06096+0540	I 2	2 C A	AC	309	0.372	0.006	0.12	0.04	

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
29201		06 09 33.63	−05 04 00.3	8.55	2	H	92.390 133 10	−05.066 739 63		2.42	−6.56	11.92	0.95	0.83	1.25	1.04	0.93	+3	+37	−27	−24	−4	−40	−17	−29	+11	−19	0	0.46
29202		06 09 33.75	−36 08 09.0	9.34		H	92.390 627 98	−36.135 836 14		0.84	−0.89	11.88	0.74	0.87	0.99	0.74	0.93	−15	+27	−14	+7	−2	+11	−1	−18	+1	−16	0	−1.62
29203		06 09 34.12	−18 59 52.7	9.11		H	92.392 180 16	−18.997 960 19		4.24	8.10	−2.86	0.83	0.80	1.19	0.90	0.91	−9	+25	−12	+27	−41	+12	−41	+21	−9	+10	1	0.07
29204		06 09 34.33	+38 17 45.2	7.65		H	92.393 030 07	+38.295 884 09		0.06	1.79	−4.63	0.98	0.65	1.10	1.31	0.76	−17	+26	+2	−4	+7	+21	+11	−45	+11	−11	3	1.46
29205		06 09 34.53	−14 35 04.9	5.56		H	92.393 890 63	−14.584 690 45		15.35	−15.74	29.55	0.49	0.45	0.70	0.68	0.54	−3	+13	−27	−15	−35	+26	−24	−30	+18	+3	0	0.04
29206		06 09 34.63	−32 04 01.4	8.41		H	92.394 297 18	−32.067 056 09		0.57	−7.06	−4.39	0.67	0.82	0.97	0.75	0.90	−18	+7	−11	−11	+0	+19	+2	−15	+6	−17	0	2.25
29207		06 09 34.84	+66 43 01.8	9.62		H	92.395 175 60	+66.717 161 62		1.68	−0.73	−16.69	0.89	0.88	1.35	1.01	0.87	+6	+18	−14	−5	+6	−3	+7	−6	+16	−4	0	0.95
29208		06 09 35.88	+05 40 07.6	8.45		H	92.399 489 38	+05.668 786 55		33.42	60.40	45.92	1.09	0.80	1.21	1.12	0.91	−11	+21	−2	−11	+19	−17	+22	−49	−18	+8	0	−1.01
29209	H	06 09 35.98	+26 29 49.6	9.91		H	92.399 924 97	+26.497 113 51	A	8.01	8.69	−11.96	7.61	5.22	6.00	7.54	4.70	+3	+27	−20	−22	−35	+21	−26	−56	+15	+39	0	1.55
29210		06 09 36.21	−05 42 41.2	6.16		H	92.400 894 82	−05.711 433 34		16.39	64.76	1.80	0.73	0.71	0.87	0.84	0.80	+28	+11	−41	−38	−22	−4	−26	−59	+20	+23	0	−0.52
29211		06 09 36.64	+39 10 47.4	8.20		H	92.402 681 39	+39.179 838 77		0.78	3.58	−0.55	0.98	0.66	1.06	1.26	0.74	+17	+33	+5	+3	−14	+15	−8	−48	+10	+20	0	0.19
29212		06 09 37.64	+04 43 03.4	7.90		H	92.406 815 39	+04.717 607 71		2.58	−2.26	−3.59	0.83	0.56	0.91	0.85	0.66	+2	+43	−9	−15	+3	−9	+3	−32	+2	+8	0	−0.06
29213		06 09 37.85	−59 31 19.8	7.98		G	92.407 728 73	−59.522 172 83		2.30	−5.77	25.52	0.62	0.45	0.60	0.70	0.62	−11	−3	−4	+26	−9	−3	−14	−20	+1	−16	1	0.22
29214	H	06 09 38.05	−34 10 48.7	8.44		H	92.408 546 14	−34.180 201 51	*	2.45	−5.30	−0.76	1.21	1.58	0.99	0.79	1.03	−27	+5	−20	+7	+8	−3	+10	−1	−18	−13	1	0.47
29215		06 09 38.96	+49 03 47.0	7.23		H	92.412 345 61	+49.063 049 58		3.48	−2.03	−26.18	0.76	0.48	0.94	0.81	0.51	+9	+35	−15	+36	+20	+5	+31	−6	+28	+24	0	2.47
*29216		06 09 39.57	+20 29 15.5	7.55		H	92.414 885 53	+20.487 631 37		2.38	1.80	−2.26	1.07	0.59	1.13	1.07	0.68	+22	+58	−11	−10	−22	−6	−11	−37	+7	+45	0	−0.28
*29217		06 09 39.56	−41 58 49.7	7.28		H	92.414 819 51	−41.980 458 51		14.36	−46.49	18.60	0.51	0.51	0.59	0.61	0.59	−3	−4	−2	+5	−11	+15	−10	+11	−4	−8	0	−0.38
29218		06 09 39.65	+43 08 26.7	7.07		H	92.415 190 36	+43.140 762 03		4.48	−5.47	−9.47	0.84	0.44	0.98	0.89	0.52	−28	+51	−10	+30	−2	+15	+25	+4	+33	−18	0	0.29
29219		06 09 40.86	−22 00 56.3	8.98		H	92.420 260 01	−22.015 634 79		1.63	3.75	−16.54	0.64	0.94	1.39	0.83	1.08	−15	+19	−16	+24	+3	−2	+2	−14	+22	−25	0	1.29
29220		06 09 41.74	−22 07 08.3	7.41		H	92.423 905 23	−22.118 969 08		2.25	−6.64	13.68	0.42	0.62	0.92	0.51	0.69	−14	+9	−6	+21	−9	−11	−10	+5	+15	−28	0	0.85
29221		06 09 41.90	+19 05 35.8	9.90		G	92.424 594 84	+19.093 290 16		16.08	−36.01	−170.37	1.70	1.14	1.85	2.37	1.45	+23	+16	−25	−17	−45	+19	−31	−53	+35	+33	0	0.01
*29222		06 09 42.59	+40 30 59.9	9.25		H	92.427 438 56	+40.516 640 51		4.75	−0.65	−33.01	1.23	0.84	1.41	1.60	0.92	+7	+37	−14	+6	−32	+14	−8	−54	+13	+42	0	−1.07
*29223		06 09 42.56	−49 32 03.1	8.68		H	92.427 333 56	−49.534 183 72		2.26	3.78	10.69	0.73	0.72	0.81	0.84	0.86	+6	+6	−26	+5	+2	−8	−1	+15	−16	+7	2	−0.51
29224	H	06 09 43.44	+29 14 18.6	7.83		G	92.430 996 02	+29.238 503 86	A	6.81	−2.71	−34.36	1.82	1.42	1.80	1.94	1.22	+3	+28	−21	−16	−15	+26	−13	−55	−6	+1	1	0.20
29225	H	06 09 43.99	+23 06 48.5	5.75	1	G	92.433 272 40	+23.113 469 66	A	−0.51	−1.05	−1.43	1.19	0.83	1.15	1.08	0.74	−17	+42	−7	−19	+8	+5	+13	−57	+9	−13	1	0.81
29226		06 09 44.57	−44 49 27.0	10.76		G	92.435 707 30	−44.824 165 50		16.78	117.47	−170.95	1.26	1.31	1.46	1.34	1.72	−1	+15	+0	−12	+7	−6	+7	+3	−5	+2	0	−0.24
*29227		06 09 45.26	−29 27 36.2	8.08		H	92.438 566 97	−29.460 051 28		3.72	−8.72	2.89	0.59	0.69	0.90	0.69	0.79	−4	+8	−4	−20	−9	+5	−8	+5	+3	−7	0	1.30
*29228		06 09 45.25	−83 31 21.8	8.51		H	92.438 536 71	−83.522 723 73		6.56	−37.07	35.04	0.62	0.65	0.69	0.68	0.73	−8	+14	+5	+17	−5	+16	−13	−17	−6	−30	3	0.64
29229		06 09 46.29	−20 30 18.0	7.72		H	92.442 854 82	−20.505 006 31		5.44	−1.38	−50.13	0.66	0.67	0.95	0.73	0.78	+2	+3	+7	+13	−34	+0	−35	+1	−2	+4	0	0.85
29230		06 09 46.66	+33 05 50.4	9.42		H	92.444 413 03	+33.097 320 67		3.79	−8.14	−5.31	1.52	0.89	1.60	1.93	1.07	−19	+44	−2	+9	+2	−14	+0	−32	+8	−33	0	1.81
29231		06 09 46.77	+00 58 49.9	7.75		H	92.444 887 78	+00.980 540 55		3.38	0.63	−8.28	0.87	0.62	1.05	0.97	0.76	+3	+42	−9	−1	+8	−24	−6	−18	−18	−3	0	0.78
29232		06 09 47.08	−16 21 49.8	11.05		G	92.446 156 93	−16.363 823 06		16.31	106.89	−259.49	1.37	1.33	2.40	1.77	1.52	+0	+15	−13	+3	−50	+23	−48	+7	−11	+36	2	−1.07
29233		06 09 47.16	−26 42 04.0	6.27		H	92.446 488 71	−26.701 117 83		7.49	−17.97	13.09	0.38	0.49	0.62	0.47	0.64	+4	+13	−9	−1	+2	+0	+2	−2	−2	−4	0	1.64
29234	H	06 09 47.91	−22 46 28.2	5.71		H	92.449 610 08	−22.774 490 62	*	18.48	87.66	60.76	1.06	0.91	0.74	0.74	0.78	−22	−6	−3	+19	−3	−8	−3	−5	+11	−10	3	0.27
29235		06 09 48.79	+08 44 40.2	7.79		H	92.453 306 96	+08.744 505 88		−0.13	4.43	−4.65	1.03	0.59	1.14	1.20	0.72	−8	+48	−20	+2	−2	−14	+2	−40	+12	+2	0	−0.48
29236		06 09 49.14	+02 52 10.6	6.57		H	92.454 742 57	+02.869 622 87		6.48	8.70	−63.20	0.70	0.51	0.84	0.74	0.54	+3	+35	−24	−24	−2	−27	−9	−36	−1	+12	0	−1.06
29237		06 09 51.51	−09 25 58.3	8.65		H	92.464 640 50	−09.432 863 69		2.71	4.28	−3.94	0.99	0.85	1.43	1.12	1.02	−31	+53	−41	−46	+10	−35	−9	−36	−7	−3	0	1.81
29238		06 09 52.17	+37 34 16.5	7.96		G	92.467 364 91	+37.571 240 29		9.93	−65.98	−65.83	0.94	0.75	1.28	1.51	0.93	+4	−8	−38	−24	−30	+49	−10	−63	+47	+35	0	−0.13
29239		06 09 53.55	+14 51 09.9	7.36		H	92.473 136 70	+14.852 760 02		2.40	−13.03	0.10	0.91	0.57	0.96	1.08	0.67	+12	+27	+0	−3	+8	+10	+11	−33	−8	+36	0	0.11
29240		06 09 55.51	−07 24 48.9	10.55		H	92.481 284 31	−07.413 594 46		2.13	−4.25	−0.81	2.10	1.78	2.21	2.30	2.01	−4	+16	−25	−53	+5	+2	+5	−55	+4	−21	0	0.24
29241	H	06 09 56.16	−25 37 33.0	7.66		G	92.484 015 63	−25.625 826 28	A	19.82	−25.43	35.60	0.80	1.15	1.32	0.96	1.34	+1	−7	−16	+0	+6	−5	+4	−26	+9	−12	4	0.39
29242		06 09 56.44	+34 08 09.4	8.44		H	92.485 177 09	+34.135 932 00		25.00	33.54	−260.18	1.07	0.65	1.16	1.32	0.75	−9	+37	−25	+21	−17	+0	−7	−37	+22	−2	0	0.67
29243		06 09 56.75	+09 28 04.1	7.29		G	92.486 454 84	+09.467 791 97		2.71	0.17	−13.23	0.87	0.60	0.91	1.07	0.72	−6	+8	−11	−23	+6	+16	+15	−47	+3	+24	0	−0.27
29244		06 09 57.02	+05 42 34.3	8.33		H	92.487 571 87	+05.709 534 16		2.19	9.94	−20.96	1.03	0.71	1.15	1.09	0.81	−13	+27	−8	−6	+21	−19	+22	−43	−10	+2	0	0.16
29245		06 09 57.59	−76 15 20.3	9.56		H	92.489 954 77	−76.255 627 62		9.36	18.89	6.39	0.94	0.99	1.02	0.96	1.28	−13	−1	−4	−19	+1	+21	+2	−13	−18	−22	0	−0.95
29246		06 09 58.99	+58 56 08.3	5.35		H	92.495 811 01	+58.935 648 64		9.34	17.61	18.77	0.56	0.45	0.69	0.65	0.55	+16	+30	+9	+19	+16	−4	+20	−2	+23	+7	2	1.66
29247		06 09 59.26	−51 24 22.9	8.20		H	92.496 932 29	−51.406 359 78		1.52	12.25	8.37	0.71	0.67	0.76	0.86	0.82	+2	−7	−21	−6	+0	+9	+3	+5	−11	+6	2	−0.48
29248		06 10 00.94	+17 56 05.2	8.48		H	92.503 926 20	+17.934 768 97		22.18	210.11	−228.99	1.31	0.71	1.41	1.15	0.77	+9	+58	−3	−18	−13	+14	−5	−53	+0	+41	0	0.01
29249		06 10 01.56	+56 15 50.6	8.61		H	92.506 491 40	+56.264 054 01		3.21	1.41	−10.09	1.03	0.70	1.32	1.17	0.82	+12	+33	+5	+12	+9	−5	+20	+0	+40	+8	0	0.36
29250		06 10 01.71	−52 47 58.1	8.49		G	92.507 123 40	−52.799 472 46		4.98	34.37	14.07	0.62	0.66	0.69	0.71	0.86	−12	+6	−5	+6	+3	+2	+3	+0	−11	−6	0	−0.66
29251		06 10 02.13	−65 54 11.1	8.73		H	92.508 865 18	−65.903 069 57		3.75	−7.12	47.60	0.72	0.77	0.76	0.81	0.97	−5	+5	+1	−25	−4	−1	−5	−19	−6	−19	0	0.80
29252		06 10 04.96	+58 11 44.7	10.44		H	92.520 675 82	+58.195 743 91		1.67	−0.67	−9.47	1.42	1.22	1.93	1.64	1.41	−7	+27	−4	+23	+10	−15	+19	−15	+23	+1	0	−0.60
29253		06 10 05.33	−00 18 08.5	8.40	1	H	92.522 211 46	−00.302 373 78		1.42	−1.23	−3.30	0.88	0.71	1.08	0.89	0.76	+4	+39	−12	−16	+8	−31	+1	−25	−13	+20	2	1.16
29254		06 10 07.20	+10 28 48.0	8.56		H	92.529 995 75	+10.479 994 66		1.89	−11.32	−8.82	1.54	1.00	1.24	1.87	1.16	+40	+10	−8	−65	−42	+19	−39	−74	+6	+49	0	−0.25
29255		06 10 07.43	−30 54 33.0	8.96		H	92.530 955 22	−30.909 158 29		9.66	38.61	30.15	0.59	0.77	0.90	0.65	0.89	+5	−4	−2	+0	−12	+16	−13	−6	−8	−7	1	0.78
29256		06 10 07.55	−29 49 07.0	7.49		G	92.531 456 75	−29.818 611 16		2.56	−1.19	5.89	0.50	0.57	0.74	0.65	0.67	+3	+7	−7	−12	−17	+19	−14	+5	+10	+3	1	−1.20
29257		06 10 08.55	−39 12 32.3	8.77		H	92.535 629 75	−39.208 959 22		1.25	28.94	7.50	0.60	0.72	0.78	0.61	0.74	+0	+14	+5	+16	−16	+17	−19	+8	−5	−9	0	0.09
29258		06 10 08.75	+00 42 36.2	9.34	1	H	92.536 466 39	+00.710 062 79		3.69	−3.29	−4.97	1.14	0.82	1.33	1.21	1.03	+2	+51	−2	−13	−1	−20	−7	−27	−8	−4	0	0.45
29259		06 10 09.31	+03 18 47.1	7.50		H	92.538 777 00	+03.313 070 55		4.56	1.33	13.44	0.82	0.60	0.95	0.94	0.69	−3	+31	−24	−10	+5	−14	+2	−30	+6	−5	0	−0.45
29260		06 10 09.88	+38 07 58.8	9.04		H	92.541 154 54	+38.132 990 60		2.76	−0.73	3.49	1.56	1.00	1.76	1.98	1.16	−35	+35	−25	−8	+5	+17	+29	−64	+38	−6	0	0.06
29261		06 10 10.05	+06 19 12.6	7.66		H	92.541 881 83	+06.320 165 73		4.77	−8.29	−12.71	0.87	0.57	1.04	1.18	0.69	−8	+24	−19	+5	+20	−41	+10	−31	−12	+3	0	0.28
29262		06 10 10.34	+04 43 05.5	8.45		H	92.543 075 26	+04.718 200 72		8.29	30.66	−7.65	1.05	0.69	1.14	0.94	0.74	+3	+52	−10	−32	+0	−12	+3	−49	+8	+7	0	−1.51
29263		06 10 10.42	−40 21 14.3	5.54	2	H	92.543 416 38	−40.353 969 93		3.82	−20.93	73.14	0.44	0.43	0.51	0.47	0.49	+4	+4	+1	−11	−13	+14	−14	−3	+0	−7	0	−0.51
29264		06 10 10.79	−07 06 20.4	8.20		H	92.544 958 45	−07.105 671 61		−0.42	−1.02	−2.88	1.07	0.93	1.16	1.13	1.09	+12	+26	−20	−49	−7	−8	−13	−53	−4	−9	3	0.19
29265		06 10 11.84	+46 45 31.4	7.20		H	92.549 332 85	+46.758 724 23		4.41	16.50	−23.70	0.84	0.47	0.98	0.86	0.52	−5	+49	−9	+21	+35	−5	+35	−9	+24	−15	0	1.92
29266		06 10 12.32	−14 32 54.8	9.06		H	92.551 318 74	−14.548 553 46		0.81	−5.63	7.19	0.86	0.79	1.26	1.15	0.92	−13	+11	−30	−6	−41	+29	−29	−22	+25	−3	0	0.27
29267		06 10 12.42	−04 40 59.3	9.07		H	92.551 760 22	−04.683 126 88		4.01	−5.14	0.60	1.03	0.91	1.36	1.27	1.11	−4	+32	−19	−25	+4	−43	−3	−24	+11	−24	0	1.70
29268		06 10 12.54	−41 14 03.8	8.95		H	92.552 268 39	−41.234 395 18		5.04	20.20	−13.26	0.71	0.84	0.89	0.81	1.01	+4	+14	+14	+12	+0	+13	−1	+20	+1	+1	1	1.27
29269	H	06 10 13.14	+81 30 49.4	8.94		G	92.554 759 90	+81.513 727 45	A	11.30	−91.91	−364.99	1.34	1.47	1.63	1.35	1.45	+10	+24	−6	+9	+21	+11	+22	+17	−1	+12	0	−0.06
29270		06 10 13.44	−15 53 33.2	8.87		H	92.555 987 30	−15.892 551 34		3.54	8.12	−2.86	0.80	0.74	1.24	1.09	0.79	+2	+14	−21	+2	−61	+37	−51	−12	+8	+32	0	0.26
29271		06 10 14.20	−74 45 09.1	5.08		G	92.559 180 47	−74.752 527 90		98.54	121.84	−212.82	0.43	0.43	0.45	0.41	0.46	−11	+18	−3	−12	−4	+9	−4	−3	−4	−22	3	2.61
29272		06 10 14.41	−37 51 03.4	8.90		H	92.560 024 13	−37.850 937 38		11.27	−15.86	49.37	0.66	0.71	0.84	0.82	0.87	+7	+16	−11	−4	−9	+9	−7	−5	+5	−2	0	−0.11
29273		06 10 14.51	+30 32 59.3	7.74		H	92.560 468 17	+30.549 796 01		5.64	51.39	−49.99	0.94	0.59	1.01	1.07	0.62	−12	+35	−13	+8	−10	−7	−2	−38	+9	−1	0	0.56
29274		06 10 15.46	+15 54 23.5	7.06		H	92.564 397 19	+15.906 540 71		5.38	−5.85	−31.86	0.94	0.55	1.05	1.07	0.66	+4	+48	−22	−4	−6	−10	+2	−37	+16	+22	3	1.47
29275		06 10 16.63	−15 03 33.9	6.90		G	92.569 282 82	−15.059 424 31		3.99	−8.52	4.88	0.57	0.51	0.77	0.78	0.62	−5	+11	−29	−27	−33	+20	−22	−40	+28	−3	0	0.79
29276		06 10 17.91	−54 58 07.2	4.72	2	H	92.574 638 00	−54.968 660 57		1.97	−4.11	6.53	0.48	0.45	0.50	0.49	0.51	+12	−3	−21	+4	−22	+26	−26	−36	+16	+1	0	1.14
29277		06 10 19.63	+82 06 36.0	10.48		G	92.581 806 02	+82.110 003 11		106.43	50.26	−1336.86	1.12	1.09	1.44	1.24	1.22	+4	+35	+2	−15	+0	+15	−2	−12	−1	+18	0	−0.48
29278		06 10 19.94	−25 29 04.0	8.02		H	92.583 086 22	−25.484 432 83		1.76	12.68	−16.80	0.54	0.81	1.08	0.73	0.97	+1	+7	−2	+0	−4	+10	−5	−19	+0	−11	0	1.70
29279		06 10 21.80	−02 00 26.2	7.90		H	92.590 839 51	−02.007 277 45		3.17	14.75	−14.22	1.00	0.80	1.01	0.99	0.85	−24	+21	+1	−48	+31	+0	+27	−59	−9	−41	0	0.14
29280		06 10 21.83	−25 37 55.7	8.53		H	92.590 978 71	−25.632 130 46		4.04	−7.35	5.84	0.62	0.90	1.14	0.80	1.12	−1	+2	−12	−2	+6	−4	+2	−26	+3	−14	0	0.32
29281		06 10 23.60	−08 58 14.3	9.06		H	92.598 335 09	−08.970 648 34		0.39	−0.62	−0.38	1.35	1.03	1.62	1.34	1.31	+0	+46	−8	−54	+7	−21	−11	−46	−34	−15	0	−0.59
29282		06 10 23.79	+02 54 06.7	6.85		H	92.599 120 42	+02.901 870 78		3.61	−2.40	0.15	0.71	0.54	0.86	0.77	0.57	+9	+25	−29	−17	−6	−24	−15	−30	+0	+9	0	−0.67
29283		06 10 25.80	+31 25 22.5	9.47		H	92.607 489 43	+31.422 920 34		3.35	21.28	10.82	1.33	0.81	1.45	1.79	0.98	−23	+31	−23	+19	−11	−9	−9	−35	+24	−30	0	0.75
29284		06 10 26.51	−77 06 20.3	6.83		H	92.610 472 29	−77.105 632 82		4.13	−9.00	17.85	0.50	0.56	0.55	0.53	0.71	−8	+14	+11	−16	+3	+13	−2	−25	−15	−24	0	−0.23
29285		06 10 27.96	−48 57 22.9	7.65		H	92.616 482 50	−48.956 357 82		10.15	−31.68	−15.42	0.59	0.61	0.63	0.78	0.77	−6	+12	−7	+14	+4	+1	+2	+37	−7	−2	0	−1.73
29286		06 10 28.73	−45 30 05.1	9.23		G	92.619 689 58	−45.501 419 33		2.66	−2.36	36.28	0.82	0.77	0.88	0.86	0.90	−5	+6	+6	+11	−7	−6	−9	+1	+1	−19	0	−0.36
29287		06 10 29.13	+62 13 15.7	9.76		H	92.621 373 81	+62.221 017 97		7.58	−14.30	−206.36	1.19	1.05	1.54	1.25	1.02	−6	+24	−20	−17	−8	−4	−5	−32	+15	−11	0	0.43
29288	H	06 10 29.94	+22 59 52.4	6.88		H	92.624 737 70	+22.997 879 83	*	3.82	−6.04	−1.57	1.52	1.06	1.28	1.18	0.81	−32	+28	−14	−33	+2	+6	+8	−62	+17	+4	1	0.58
29289		06 10 30.42	−40 44 05.7	8.99		H	92.626 753 71	−40.734 913 20		1.52	−15.86	15.01	0.72	0.74	0.85	0.85	0.98	+4	+7	+10	+6	−7	+1	−9	+8	−8	+1	0	0.66
29290	H	06 10 30.55	−67 27 52.6	9.29		H	92.627 290 83	−67.464 612 07	A	0.09	−2.57	6.58	1.40	1.54	1.46	1.36	1.56	+24	+9	+22	−13	+3	−1	+4	−17	−24	+36	1	0.13
29291		06 10 31.53	−42 41 42.0	11.46		G	92.631 374 66	−42.694 986 47		10.32	82.44	243.72	1.45	1.60	1.74	1.58	1.85	−1	+5	+7	−14	−7	+7	−8	−2	+1	+0	3	−0.01
29292		06 10 31.92	−34 49 00.7	6.65		H	92.633 003 43	−34.816 861 02		6.35	−7.35	11.75	0.48	0.51	0.65	0.53	0.57	−1	+17	−22	−8	−8	+26	−1	−16	+4	+2	0	−1.53
29293		06 10 32.08	+36 46 07.8	9.50		H	92.633 658 61	+36.768 838 02		0.55	−2.34	−2.76	1.18	0.77	1.34	1.57	0.86	+0	+14	+5	+10	+4	+25	+8	−32	−5	+17	0	−0.97
29294		06 10 34.69	−27 09 15.1	5.72		G	92.644 526 84	−27.154 204 21		9.84	−9.10	−57.18	0.37	0.44	0.58	0.46	0.53	+4	+13	−4	−5	−4	+6	−3	−12	+12	−11	0	0.27
29295		06 10 34.70	−21 51 46.5	8.15		G	92.644 589 64	−21.862 907 52		173.19	−137.01	−714.06	0.51	0.77	1.12	0.61	0.89	−24	+6	−11	+28	−9	−14	−11	−4	+27	−37	0	−0.02
29296		06 10 34.77	+22 35 09.1	9.76		H	92.644 865 11	+22.585 853 46		0.94	−1.54	6.48	1.62	1.07	1.84	1.75	1.19	−15	+44	−30	+2	−19	+18	+7	−53	+26	+23	0	−0.57
29297		06 10 36.03	−58 51 15.9	7.69		H	92.650 134 54	−58.854 406 13		3.66	−5.31	−1.75	0.55	0.46	0.59	0.55	0.61	−5	+7	+4	+13	−7	+0	−9	−28	−15	−4	1	−0.48
29298		06 10 36.74	+03 52 18.2	8.00		H	92.653 096 96	+03.871 721 95		1.78	−3.05	−0.90	1.04	0.67	1.16	1.11	0.82	+2	+50	+5	−22	+8	−11	−4	−35	−14	−32	0	0.30
29299		06 10 37.78	+40 34 39.2	8.20		G	92.657 420 66	+40.577 555 31		7.88	−16.42	−12.11	1.02	0.66	1.13	1.32	0.76	+1	+34	−23	+20	−19	+18	+7	−33	+21	+47	0	0.23
29300		06 10 37.89	+68 24 48.2	7.71		H	92.657 877 84	+68.413 398 74		12.33	−19.42	−123.12	0.53	0.60	0.93	0.68	0.67	−14	+20	−13	+37	+19	−3	+17	+3	+15	−15	0	−0.59

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
29201	8.886	0.014	8.604	0.015		0.267	0.021	T	0.30	0.03	L	8.6148	0.0048	0.028	78		8.58	8.68		U 2			1							
29202	11.351	0.063	9.492	0.021		1.545	0.053	T	1.61	0.12	L	9.4583	0.0019	0.018	123		9.42	9.49		C			1							
29203	9.266	0.015	9.119	0.018		0.141	0.022	T	0.16	0.02	L	9.1651	0.0023	0.022	130		9.13	9.20					1							
29204	7.722	0.007	7.651	0.010		0.070	0.011	T	0.08	0.01	L	7.6770	0.0020	0.014	82		7.66	7.70					1							S
29205	7.038	0.004	5.685	0.002		1.150	0.005	G	1.04	0.04	E	5.7277	0.0007	0.008	165		5.72	5.74					1							S
29206	10.354	0.031	8.539	0.012		1.510	0.026	T	1.54	0.04	L	8.5385	0.0019	0.021	122		8.51	8.58					1							
29207	11.159	0.047	9.746	0.022		1.194	0.041	T	1.15	0.04	L	9.7820	0.0027	0.030	155		9.72	9.82		C			1							
29208	9.537	0.023	8.496	0.016		0.895	0.022	T	0.90	0.02	L	8.5899	0.0019	0.014	75		8.57	8.61			06096+0540	I 2	1							
29209	11.049	0.074	10.288	0.063	*	0.694	0.076	T	0.75	0.06	L *	10.0563	0.0039	0.026	75	*	10.02	10.10		R	06096+2630	I 1	2 C	A	AB	166	0.939	0.009	0.22	0.03	G
29210	6.572	0.006	6.200	0.006		0.352	0.015	G	0.41	0.02	H	6.2440	0.0007	0.005	63		6.23	6.26		C			1							S
29211	8.444	0.011	8.219	0.012		0.186	0.005	G	0.20	0.01	H	8.2665	0.0018	0.012	91		8.25	8.28		C			1							
29212	7.754	0.010	7.872	0.011		−0.102	0.013	T	−0.09	0.01	L	7.8688	0.0013	0.011	82		7.85	7.89					1							S
29213	7.752	0.007	7.940	0.011		−0.161	0.002	G	−0.16	0.00	H	7.9315	0.0012	0.011	108		7.91	7.95		C			1							S
29214	8.642	0.011	8.489	0.013	*	0.139	0.016	T	0.15	0.02	L *	8.4948	0.0012	0.016	129	*	8.47	8.52		D	06096−3411	H 1	2 C	A	AB	311	0.296	0.005	0.84	0.07	
29215	9.067	0.014	7.367	0.007		1.420	0.012	T	1.40	0.02	L	7.3690	0.0010	0.011	102		7.35	7.39					1							
29216	7.575	0.007	7.565	0.009		0.014	0.011	T	0.03	0.01	L	7.5634	0.0013	0.008	73		7.55	7.58		C			1							S
29217	7.824	0.006	7.331	0.007		0.483	0.015	G	0.55	0.02	H	7.3838	0.0012	0.010	113		7.36	7.40					1							S
29218	7.205	0.005	7.087	0.006		0.114	0.007	T	0.13	0.01	L	7.1155	0.0010	0.008	104		7.10	7.13		C	06097+4308	I 1	1 G							S
29219	10.165	0.022	9.050	0.015		0.961	0.021	T	0.95	0.02	L	9.1391	0.0021	0.023	180		9.10	9.18					1							
29220	9.025	0.010	7.547	0.006		1.245	0.009	T	1.20	0.01	L	7.5756	0.0011	0.015	192		7.55	7.60					1							
29221	11.068	0.060	10.025	0.040		0.940	0.000	G	0.99	0.00	I	10.0524	0.0041	0.029	73		10.01	10.11					1							G
29222	9.898	0.026	9.289	0.024		0.567	0.031	T	0.64	0.03	L	9.3738	0.0021	0.019	83		9.34	9.40		C			1							
29223	10.353	0.029	8.820	0.014		1.288	0.025	T	1.25	0.03	L	8.8379	0.0021	0.016	103		8.82	8.86		C			1							
29224	8.400	0.014	7.902	0.014	*	0.485	0.015	G	0.56	0.02	H *	7.9396	0.0015	0.011	85	*	7.92	7.96		D	06097+2914	I 1	2 C	A	AB	336	0.558	0.004	1.17	0.02	S
29225	5.957	0.005	5.781	0.005	*	0.192	0.005	G	0.21	0.01	H *	5.7995	0.0029	0.019	72	*	5.77	5.82	6.81	P 1 A	06097+2307	I 1	2 C	A	AB	346	0.603	0.005	2.58	0.04	S P
29226	12.545	0.230	10.812	0.072		1.019	0.005	G	1.07	0.01	I	10.8918	0.0029	0.034	114		10.82	10.95					1							G
29227	9.451	0.015	8.191	0.009		1.074	0.014	T	1.04	0.01	L	8.2505	0.0013	0.016	149		8.22	8.28		C			1							S
29228	8.997	0.013	8.578	0.013		0.409	0.015	T	0.48	0.02	L	8.6071	0.0017	0.016	112		8.58	8.64					1							
29229	9.301	0.014	7.848	0.008		1.225	0.013	T	1.18	0.01	L	7.8848	0.0014	0.015	130		7.86	7.92					1							
29230	10.050	0.035	9.500	0.033		0.515	0.043	T	0.59	0.04	L	9.5274	0.0027	0.022	80		9.48	9.55					1							G
29231	7.759	0.009	7.750	0.013		0.013	0.015	T	0.03	0.01	L	7.7626	0.0011	0.012	73		7.74	7.79					1							S
29232						0.929	0.015	G	0.97	0.02	I	11.1896	0.0028	0.039	184		11.13	11.26		C			1							G
29233	7.557	0.005	6.390	0.004		1.010	0.002	G	1.00	0.04	E	6.4336	0.0006	0.008	158		6.42	6.45					1							S
29234	6.229	0.002	5.761	0.002	*	0.454	0.002	T	0.52	0.00	L *	5.8084	0.0006	0.007	149	*	5.80	5.82		D	06098−2246	I 1	2 C	A	AB	61	0.234	0.003	0.01	0.05	S
29235	9.911	0.033	7.963	0.014		1.616	0.028	T	1.64	0.03	L	7.9028	0.0012	0.010	71		7.89	7.93		C			1							
29236	7.879	0.009	6.688	0.006		1.020	0.008	T	0.99	0.01	L	6.7403	0.0010	0.008	89		6.73	6.76					1							S
29237	9.730	0.025	8.748	0.018		0.861	0.023	T	0.87	0.02	L	8.8107	0.0017	0.012	80		8.80	8.84		C			1							
29238	8.568	0.011	8.004	0.011		0.508	0.015	G	0.58	0.02	H	8.0777	0.0012	0.010	91		8.05	8.10					1							S
29239	7.299	0.008	7.340	0.009		−0.050	0.001	G	−0.03	0.00	H	7.3506	0.0010	0.008	71		7.33	7.37		D			1							S
29240	10.734	0.050	10.462	0.059		0.259	0.073	T	0.29	0.09	L	10.6320	0.0043	0.030	72		10.57	10.67		C			1							G
29241	8.358	0.008	7.762	0.007	A	0.568	0.005	G	0.64	0.01	H *	7.7835	0.0012	0.016	166	*	7.76	7.81		D	06099−2538	I 1	2 C	B	AB	77	1.632	0.030	3.49	0.12	S
29242	9.433	0.020	8.531	0.015		0.790	0.015	G	0.83	0.01	H	8.5765	0.0017	0.014	82		8.56	8.60		C			1							
29243	7.157	0.007	7.259	0.007		−0.110	0.015	G	−0.09	0.02	H	7.2568	0.0009	0.008	79		7.24	7.27					1							S
29244	9.707	0.024	8.465	0.015		1.060	0.022	T	1.03	0.02	L	8.5008	0.0017	0.014	75		8.48	8.52		C			1							
29245	10.434	0.036	9.567	0.027		0.760	0.035	T	0.80	0.03	L	9.7002	0.0031	0.027	85		9.67	9.74					1							
29246	6.768	0.005	5.475	0.003		1.096	0.004	G	1.06	0.00	H	5.5222	0.0006	0.006	86		5.51	5.54					1							S
29247	10.333	0.032	8.390	0.013		1.612	0.027	T	1.63	0.03	L	8.3058	0.0021	0.014	85		8.28	8.32					1							
29248	9.277	0.018	8.562	0.015		0.670	0.020	G	0.73	0.02	H	8.6132	0.0014	0.011	76		8.60	8.63					1							
29249	8.777	0.017	8.659	0.020		0.114	0.025	T	0.13	0.03	L	8.6543	0.0027	0.019	73		8.63	8.69					1							S
29250	8.985	0.011	8.522	0.011		0.463	0.015	G	0.53	0.02	H	8.5850	0.0014	0.014	123		8.55	8.62					1							
29251	10.269	0.028	8.847	0.015		1.201	0.025	T	1.16	0.03	L	8.8938	0.0019	0.014	110		8.86	8.92					1							
29252	10.970	0.054	10.439	0.054		0.498	0.069	T	0.57	0.07	L	10.5525	0.0046	0.035	73		10.49	10.61		C			1							G
29253	8.473	0.011	8.396	0.014		0.076	0.017	T	0.09	0.02	L	8.4298	0.0045	0.025	68		8.40	8.47		U			1							
29254	9.909	0.028	8.661	0.016		0.900	0.015	G	0.90	0.01	H	8.7152	0.0020	0.012	72		8.69	8.74		C			1							
29255	9.580	0.015	9.024	0.014		0.526	0.015	T	0.60	0.02	L	9.0796	0.0019	0.019	134		9.05	9.11		C			1							
29256	7.351	0.005	7.467	0.007		−0.104	0.002	G	−0.09	0.00	H	7.4605	0.0013	0.011	129		7.44	7.48		C			1							S
29257	10.405	0.027	8.899	0.014		1.267	0.024	T	1.23	0.03	L	8.9286	0.0020	0.017	128		8.90	8.96		C			1							
29258	9.352	0.019	9.327	0.024		0.028	0.028	T	0.04	0.02	L	9.3519	0.0028	0.021	80		9.32	9.40		U			1							
29259	8.982	0.015	7.615	0.009		1.158	0.014	T	1.12	0.01	L	7.6676	0.0013	0.011	80		7.65	7.69					1							S
29260	10.272	0.031	9.147	0.020		0.969	0.029	T	0.95	0.02	L	9.2027	0.0023	0.018	82		9.17	9.23		C			1							
29261	7.940	0.012	7.663	0.011		0.264	0.015	T	0.30	0.02	L	7.7279	0.0010	0.010	70		7.71	7.75		C			1							S
29262	8.932	0.016	8.489	0.016		0.418	0.021	T	0.48	0.02	L	8.5441	0.0016	0.011	83		8.53	8.57		C			1							
29263	7.719	0.009	5.754	0.007		1.665	0.009	T	2.29	0.04	O	5.5869	0.0059	0.066	109		5.46	5.68		U 2			1	S						S
29264	9.877	0.025	8.334	0.013		1.296	0.022	T	1.26	0.02	L	8.3578	0.0020	0.018	80		8.33	8.39					1							
29265	8.767	0.010	7.339	0.006		1.205	0.009	T	1.16	0.01	L	7.3698	0.0010	0.011	114		7.35	7.39		C			1							S
29266	11.192	0.047	9.273	0.016		1.593	0.039	T	1.61	0.04	L	9.1812	0.0018	0.021	170		9.14	9.21		C			1	S						
29267	9.091	0.015	9.096	0.020		0.000	0.023	T	0.02	0.02	L	9.0811	0.0040	0.027	79		9.05	9.13					1							
29268	9.619	0.017	9.021	0.016		0.558	0.017	T	0.63	0.02	L	9.0712	0.0016	0.015	113		9.05	9.10		D			1 G							
29269	9.735	0.020	9.042	0.017	*	0.618	0.005	G	0.69	0.00	H *	9.0575	0.0024	0.020	133	*	9.02	9.09		D	06102+8131	H 1	2 C	A	AB	195	0.646	0.005	1.40	0.03	
29270	10.613	0.031	9.034	0.014		1.324	0.027	T	1.29	0.03	L	9.0279	0.0018	0.019	174		8.99	9.06		C			1							
29271	5.981	0.003	5.152	0.003		0.714	0.015	G	0.75	0.02	A	5.2164	0.0004	0.004	112		5.21	5.22		C			1							S
29272	9.575	0.016	8.953	0.014		0.575	0.016	T	0.65	0.01	L	9.0230	0.0020	0.021	122		8.98	9.05					1							
29273	9.119	0.015	7.859	0.009		1.074	0.014	T	1.04	0.01	L	7.9076	0.0013	0.010	92		7.89	7.93		C			1							
29274	8.253	0.011	7.159	0.007		0.945	0.010	T	0.94	0.01	L	7.2220	0.0010	0.007	77		7.21	7.23		C	06103+1554	I 1	1 G							S
29275	6.787	0.004	6.890	0.004		−0.076	0.002	G	−0.06	0.00	H	6.8766	0.0007	0.008	147		6.86	6.89		C			1							S
29276	4.423	0.007	4.687	0.007		−0.229	0.008	T	−0.24	0.02	A	4.6370	0.0048	0.071	103		4.59	4.80	1.67	P 1 A			1							S
29277	12.214	0.154	10.577	0.057		1.514	0.014	G	2.18	0.11	I	10.5165	0.0037	0.033	109		10.46	10.57					1							G
29278	9.652	0.015	8.143	0.008		1.269	0.013	T	1.23	0.01	L	8.1761	0.0016	0.017	172		8.14	8.21					1							S
29279	8.983	0.015	7.990	0.011		0.869	0.014	T	0.88	0.01	L	8.0593	0.0016	0.012	66		8.04	8.08		C			1							S
29280	9.742	0.016	8.646	0.011		0.947	0.015	T	0.94	0.01	L	8.6921	0.0023	0.021	163		8.66	8.73					1							
29281	9.141	0.018	9.076	0.023		0.065	0.027	T	0.07	0.03	L	9.0897	0.0030	0.018	61		9.06	9.12		C			1							
29282	6.752	0.004	6.839	0.006		−0.075	0.006	T	−0.05	0.01	L	6.8344	0.0011	0.007	79		6.82	6.85		C			1							S
29283	10.086	0.033	9.512	0.031		0.537	0.040	T	0.61	0.04	L	9.5879	0.0019	0.016	78		9.56	9.61					1							G
29284	6.848	0.005	6.831	0.006		0.028	0.015	G	0.04	0.02	A	6.8478	0.0007	0.006	95		6.84	6.86		C			1							S
29285	8.216	0.009	7.696	0.009		0.488	0.011	T	0.56	0.01	L	7.7598	0.0010	0.010	100		7.74	7.78		C			1							S
29286	10.314	0.029	9.326	0.020		0.880	0.020	G	0.89	0.01	H	9.3764	0.0018	0.018	107		9.35	9.40		C			1							
29287	10.658	0.048	9.841	0.037		0.737	0.046	T	0.78	0.03	L	9.9072	0.0036	0.034	129		9.81	9.96					1							G
29288	6.777	0.005	6.866	0.007	*	−0.076	0.008	T	−0.06	0.01	L *	6.8577	0.0009	0.007	74	*	6.85	6.87		D	06105+2300	I 1	2 C	A	AB	231	0.213	0.004	0.35	0.08	S
29289	10.290	0.028	9.081	0.017		1.034	0.026	T	1.01	0.02	L	9.1627	0.0017	0.017	109		9.13	9.19		D			1							
29290	10.172	0.027	9.501	0.024	*	0.611	0.027	T	0.68	0.02	L *	9.4220	0.0023	0.021	100	*	9.39	9.46		D	06105−6728	I 1	2 C	A	AB	160	0.935	0.006	1.44	0.03	
29291						0.714	0.004	G	0.76	0.00	H	11.6324	0.0047	0.044	118		11.55	11.70					1							G
29292	7.609	0.006	6.742	0.004		0.775	0.005	T	0.81	0.00	L	6.7997	0.0010	0.009	125		6.78	6.82		C			1							S
29293	9.529	0.024	9.488	0.032		0.043	0.037	T	0.06	0.03	L	9.5234	0.0025	0.020	77		9.49	9.56		C			1							G
29294	7.085	0.005	5.822	0.003		1.072	0.002	G	0.98	0.04	E	5.8769	0.0007	0.008	155		5.86	5.89					1							S
29295	10.001	0.018	8.346	0.009		1.487	0.008	G	2.01	0.02	A	8.1993	0.0012	0.016	183		8.17	8.23					1							
29296	11.464	0.103	9.912	0.038		1.303	0.086	T	1.26	0.09	L	9.9221	0.0029	0.023	75		9.87	9.95		C			1	S						G
29297	9.543	0.016	7.845	0.008		1.418	0.014	T	1.40	0.02	L	7.8344	0.0016	0.013	122		7.81	7.86					1							S
29298	8.165	0.011	8.022	0.013		0.138	0.016	T	0.15	0.02	L	8.0489	0.0020	0.017	79		8.02	8.08					1							
29299	8.897	0.014	8.258	0.013		0.601	0.015	G	0.67	0.01	H	8.3305	0.0017	0.016	82		8.30	8.36					1							
29300	8.181	0.006	7.750	0.007		0.407	0.008	T	0.47	0.01	L	7.8070	0.0012	0.015	195		7.78	7.83					1							S

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Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* π/α* π/δ μα*/α* μα*/δ μα*/π μδ/α* μδ/δ μδ/π μδ/μα* (19–28)	Soln F1 % (29)	F2 (30)
29301		06 10 39.33	+30 57 25.7	8.68		G	92.663 890 92	+30.957 147 70		8.05	21.24	−1.52	1.15	0.71	1.24	1.49	0.83	−15 +25 −22 +21 −16 −16 −15 −28 +25 −22	9	2.69
29302		06 10 39.42	+32 02 54.1	7.67		H	92.664 251 62	+32.048 361 46		1.07	0.41	−18.94	1.04	0.71	1.31	1.45	0.89	−10 +32 −42 + 8 −23 + 9 + 2 −56 +49 +12	3	1.99
29303		06 10 39.57	+70 14 54.1	8.41		H	92.664 873 22	+70.248 373 25		3.58	15.57	8.24	0.39	0.66	0.96	0.41	0.74	− 3 + 6 − 1 − 2 +11 − 3 +13 −13 + 9 + 5	0	0.79
29304		06 10 39.93	−45 16 55.2	6.28		H	92.666 369 95	−45.282 006 81		4.92	−1.09	7.78	0.46	0.43	0.50	0.50	0.49	− 4 +10 − 2 + 2 − 4 − 5 − 5 +12 − 8 −10	0	−0.62
29305		06 10 40.28	−33 06 07.6	8.99		H	92.667 826 55	−33.102 123 88		1.89	1.19	13.63	0.62	0.82	0.92	0.64	0.98	−16 +10 − 3 +10 + 6 +16 + 7 + 7 −15 − 9	0	0.81
29306	H	06 10 40.68	−20 21 06.9	8.20		H	92.669 504 39	−20.351 918 46	A	4.37	−4.72	9.03	1.09	1.11	1.39	1.10	1.09	+ 9 +10 + 4 + 3 −35 + 1 −37 − 2 − 3 +17	0	0.49
29307		06 10 42.72	−73 00 47.3	7.64		H	92.677 987 75	−73.013 139 72		7.48	−28.04	29.83	0.52	0.51	0.54	0.64	0.60	+ 1 +12 −12 + 2 −12 + 5 −12 + 4 − 5 −10	1	−0.28
29308		06 10 44.65	+34 15 37.6	7.79		H	92.686 048 51	+34.260 445 94		1.47	−9.21	−10.24	0.87	0.52	0.91	1.12	0.63	− 2 +25 −17 +31 −16 − 3 − 8 −16 +22 + 2	0	0.81
29309		06 10 46.22	+32 59 46.4	8.56		H	92.692 578 03	+32.996 213 98		5.13	−6.37	−36.18	1.17	0.76	1.25	1.65	0.97	−24 +25 − 6 +10 − 2 −12 + 3 −34 +25 −30	0	1.27
29310		06 10 47.36	+13 39 34.1	6.93		H	92.697 336 86	+13.659 473 01		1.18	−2.50	−1.59	0.90	0.48	1.01	0.84	0.51	−15 +57 −22 + 7 + 7 −26 + 9 −12 + 6 +10	0	−0.14
29311		06 10 49.94	−59 48 03.0	8.03		G	92.708 094 38	−59.800 841 79		10.25	5.94	112.95	0.65	0.48	0.63	0.79	0.67	−18 + 4 − 8 +29 −10 − 1 −13 −18 − 5 −21	0	1.91
29312		06 10 50.21	+24 05 35.2	10.87		H	92.709 213 52	+24.093 114 08		20.84	−69.74	−63.21	2.73	1.75	2.93	3.26	2.10	− 2 +42 −11 − 2 −20 + 2 − 7 −50 +12 +16	0	0.05
29313		06 10 51.79	−85 03 46.7	8.55		H	92.715 798 78	−85.062 967 48		3.47	−2.37	20.63	0.63	0.69	0.75	0.78	0.83	−12 +18 −18 −12 + 4 −25 + 2 − 3 + 6 −22	0	1.44
29314		06 10 52.87	−61 29 59.6	7.45		H	92.720 301 46	−61.499 893 45		13.39	13.99	34.26	0.60	0.45	0.59	0.69	0.63	−14 +25 + 4 −17 + 5 −13 + 1 −32 − 6 −21	2	−0.20
29315		06 10 53.27	+59 10 09.6	7.14		H	92.721 942 95	+59.169 339 77		4.78	−16.78	−13.69	0.71	0.57	0.84	0.89	0.72	+12 +22 + 1 +12 +24 − 9 +27 + 1 +25 + 2	0	1.59
29316	H	06 10 54.77	+10 19 13.1	10.41		G	92.728 196 25	+10.320 318 41	A	92.77	57.62	−926.70	6.98	5.48	4.56	6.64	5.21	+11 + 6 −17 −71 −20 +26 −11 −86 +16 +21	8	0.70
29317		06 10 54.98	+62 18 49.4	8.44		G	92.729 072 35	+62.313 727 01		0.64	5.78	8.25	0.68	0.59	0.88	0.73	0.60	− 2 +22 − 7 −14 − 9 − 7 − 8 −28 + 6 −10	0	0.61
29318		06 10 55.92	+47 30 17.6	7.86		H	92.732 999 18	+47.504 896 27		9.69	−13.94	−36.46	0.80	0.51	0.96	0.86	0.53	− 5 +30 − 5 +17 +35 + 0 +35 − 8 +12 + 0	0	−0.98
29319		06 10 57.41	+39 05 17.7	9.55		H	92.739 191 90	+39.088 241 21		7.15	−4.66	2.14	1.45	0.89	1.58	1.76	1.00	+ 6 +40 − 4 +15 − 4 +12 +10 −38 + 6 +36	0	1.23
29320		06 10 58.11	+76 45 51.8	8.46		H	92.742 108 09	+76.764 391 46		9.11	−69.60	−46.38	0.61	0.68	0.90	0.68	0.80	+15 +21 + 9 +32 +12 + 1 + 8 + 3 − 2 +18	0	1.00
29321		06 10 59.17	+11 59 41.5	7.46	2	H	92.746 528 41	+11.994 865 09		1.68	−2.25	−2.71	0.97	0.76	1.00	1.23	0.87	+37 +18 −43 −51 −56 +18 −41 −73 +30 +72	0	0.87
29322		06 10 59.63	−65 12 14.2	11.29		G	92.748 464 60	−65.203 937 25		33.59	173.82	−756.38	4.00	4.12	4.23	4.78	4.34	−10 +21 + 9 −20 + 1 + 8 − 3 −34 −11 −42	4	
29323		06 11 01.22	−06 45 15.1	6.15		G	92.755 069 34	−06.754 193 11		5.91	−4.68	−11.56	0.84	0.76	0.87	1.03	0.91	−31 + 7 −27 −58 +34 +12 +34 −66 − 3 −51	0	0.77
29324		06 11 01.57	−10 46 24.0	8.74		H	92.756 523 78	−10.773 338 98		3.94	−4.99	−3.96	0.88	0.74	1.25	0.93	0.91	−33 +51 −33 −40 +16 −34 − 1 −27 −13 + 1	0	1.01
29325		06 11 01.64	−31 46 26.2	7.66		H	92.756 822 33	−31.773 952 49		3.67	−3.72	−14.14	0.58	0.62	0.79	0.66	0.72	− 6 +10 −19 −25 − 9 + 7 − 7 + 5 + 1 − 6	0	2.33
29326		06 11 01.77	+18 07 49.7	6.37		H	92.757 375 74	+18.130 470 56		1.23	1.78	−2.42	1.06	0.56	1.13	1.05	0.67	+13 +59 − 7 −17 −20 − 3 −13 −48 + 8 +15	2	−0.18
29327		06 11 02.21	−07 17 03.3	7.61		H	92.759 214 03	−07.284 246 98		1.55	−3.35	−0.88	0.93	0.82	0.98	1.05	1.00	− 2 +19 −13 −56 +13 − 1 +11 −61 − 1 −30	0	0.67
29328		06 11 02.26	+46 53 06.6	8.79		H	92.759 428 35	+46.885 157 43		2.35	2.65	−4.09	1.02	0.67	1.20	1.13	0.70	− 3 +34 − 8 +14 +42 − 7 +39 − 3 +12 − 6	0	1.54
29329		06 11 03.06	+02 19 49.8	7.20		H	92.762 757 33	+02.330 507 63		3.29	−17.25	−2.49	0.85	0.60	0.94	0.90	0.66	+30 +34 −12 −29 −16 −33 −25 −35 −10 +31	0	0.46
29330		06 11 03.14	−13 48 02.4	8.80		H	92.763 088 87	−13.800 663 79		23.58	−17.03	−61.67	0.78	0.69	1.09	1.03	0.86	−10 + 9 −24 −32 −17 +13 −13 −33 + 4 −13	0	0.28
29331		06 11 03.50	−63 16 27.1	9.15		H	92.764 577 24	−63.274 180 66		2.54	−8.99	1.01	0.78	0.80	0.82	0.87	1.00	+ 2 + 5 + 5 +14 − 6 + 7 −10 −19 + 1 − 6	0	1.45
29332		06 11 03.66	+41 13 57.1	7.64		H	92.765 264 83	+41.232 514 65		4.19	−5.87	−8.03	0.91	0.59	0.99	1.23	0.68	+ 7 +29 −11 +18 −24 +13 − 7 −32 +17 +29	0	0.51
29333		06 11 03.91	−44 52 26.6	8.06		G	92.766 285 89	−44.874 046 28		2.99	−2.51	−7.72	0.60	0.64	0.70	0.65	0.79	− 4 + 3 + 3 −20 + 1 + 5 + 0 + 6 − 6 − 2	0	−0.53
29334	H	06 11 04.87	+24 52 56.4	8.40		H	92.770 289 20	+24.882 321 21	A	0.41	−2.80	−6.67	2.14	1.54	2.04	2.90	1.77	+21 + 4 −23 −13 −53 +20 −42 −47 +38 +23	3	0.74
29335		06 11 05.13	+53 37 10.9	7.72		H	92.771 354 79	+53.619 690 84		1.56	1.30	−1.29	0.89	0.57	1.02	1.08	0.57	+10 +18 +10 +25 +25 +19 +20 + 3 + 8 + 3	0	0.90
29336		06 11 05.14	+40 32 08.4	8.48		H	92.771 429 57	+40.535 671 26		3.42	−5.78	−5.20	0.96	0.73	1.08	1.35	0.81	+20 +18 −15 − 5 −40 +26 −22 −50 +20 +46	0	0.76
29337		06 11 05.47	−28 48 20.2	8.82		H	92.772 793 74	−28.805 599 66		3.90	−5.58	39.73	0.65	0.74	0.95	0.79	0.88	−19 +13 −17 −23 + 4 − 3 + 5 −19 + 7 −28	0	−0.71
29338	H	06 11 06.60	+25 34 32.0	9.59		H	92.777 506 55	+25.575 558 92	*	0.11	−0.93	−4.61	1.61	1.15	1.59	2.46	1.37	+39 + 0 −18 −26 −50 +19 −44 −63 +22 +40	0	−0.15
29339		06 11 06.98	−01 53 01.7	7.81		H	92.779 076 95	−01.883 794 82		1.93	3.22	−1.14	0.89	0.70	0.91	0.88	0.74	−16 +20 + 0 −44 +26 + 3 +21 −56 −12 −33	0	−1.19
29340		06 11 07.98	−28 35 53.2	8.40		H	92.783 232 19	−28.598 124 67		3.07	−7.31	−0.46	0.59	0.67	0.85	0.71	0.77	−16 +12 − 5 −18 − 3 − 2 − 1 −13 + 9 −28	2	0.80
29341		06 11 11.73	+05 03 00.2	9.12		H	92.798 886 64	+05.050 050 22		−0.91	1.86	−2.97	1.15	0.79	1.29	1.05	0.84	+ 4 +43 − 6 −22 − 3 − 8 − 4 −44 − 6 +16	0	−0.07
29342		06 11 12.80	+22 38 14.4	9.39		H	92.803 350 75	+22.637 341 21		1.85	6.14	−12.37	1.68	1.17	1.94	1.89	1.32	−26 +46 −37 − 5 −14 +26 +18 −57 +33 +22	0	0.22
29343	H	06 11 12.95	−22 49 41.4	8.14		H	92.803 968 03	−22.828 178 35	A	0.60	−5.55	0.32	1.44	1.62	1.64	1.27	1.45	−19 + 0 − 7 +17 − 2 −10 − 3 −21 +16 −22	1	0.76
29344		06 11 13.16	+15 33 43.1	7.59		G	92.804 820 48	+15.561 963 22		4.66	3.08	−17.09	1.03	0.57	1.06	1.23	0.70	+ 7 +42 −14 +21 −11 + 2 − 6 −20 + 8 +13	3	0.50
29345		06 11 13.20	+44 57 07.5	7.42		H	92.804 988 63	+44.952 076 36		5.34	−2.37	−2.24	0.93	0.48	1.08	0.97	0.61	− 6 +44 −11 +39 +37 +16 +49 + 1 +39 +10	0	1.28
29346		06 11 13.43	+41 55 42.3	8.10		H	92.805 949 55	+41.928 411 43		5.96	12.34	−17.91	1.14	0.69	1.33	1.49	0.85	−10 +38 −13 +24 −27 + 0 − 2 −23 +34 +10	0	−0.47
*29347		06 11 13.66	−26 28 55.6	6.08		H	92.806 900 13	−26.482 113 70		4.83	0.82	5.42	0.37	0.48	0.61	0.44	0.57	− 1 +19 − 5 − 1 + 1 − 2 + 0 −22 +14 −16	1	−0.64
*29348		06 11 13.63	+60 27 12.7	6.48	2	H	92.806 809 23	+60.453 526 79		2.57	−21.68	−16.27	0.67	0.50	0.72	0.83	0.58	+32 +33 + 6 + 2 − 2 + 0 − 2 −11 + 0 +37	0	0.52
*29349		06 11 14.00	−44 13 27.6	8.92		H	92.808 342 78	−44.224 345 09		10.38	2.35	−79.15	0.68	0.76	0.81	0.75	1.01	−15 + 0 +18 −17 + 6 + 4 + 2 +12 − 7 + 0	0	−1.44
*29350		06 11 13.85	−72 09 55.6	8.50	1	H	92.807 692 93	−72.165 441 09		1.44	2.83	7.26	0.66	0.65	0.71	0.72	0.81	− 5 +20 −12 − 6 −12 +17 −14 +10 −19 − 7	0	1.36
29351		06 11 14.65	+49 01 53.1	8.50		H	92.811 034 72	+49.031 421 15		2.32	−0.09	−1.47	0.88	0.64	1.08	0.99	0.72	+ 8 +32 −22 +38 +16 − 2 +22 +16 +21 +19	0	−0.65
29352		06 11 14.92	+28 54 27.4	7.79	1	G	92.812 181 28	+28.907 617 84		3.38	−9.54	−5.11	0.87	0.53	0.91	0.91	0.55	−15 +43 −12 +12 − 1 − 4 + 3 −32 + 0 + 0	0	1.10
29353		06 11 15.02	−65 35 22.9	5.01	2	H	92.812 562 72	−65.589 705 07		4.86	−22.98	118.34	0.46	0.44	0.48	0.51	0.52	−12 +19 + 0 − 8 − 5 + 2 − 8 −10 −17 −29	0	0.84
29354		06 11 15.16	+20 33 56.6	8.53		H	92.813 156 62	+20.565 724 64		−0.34	3.84	−15.94	1.17	0.75	1.25	1.27	0.84	+17 +35 −17 −19 −30 +14 −16 −57 +16 +40	0	−0.05
29355		06 11 15.40	−44 54 51.6	7.22		H	92.814 167 59	−44.914 332 14		2.75	−3.87	0.69	0.55	0.58	0.64	0.60	0.72	− 2 + 4 + 2 −22 − 1 + 7 − 2 + 6 − 7 + 1	0	−2.65
29356		06 11 15.55	−33 52 15.1	7.36		H	92.814 792 64	−33.870 848 60		3.45	2.40	2.60	0.46	0.56	0.66	0.53	0.67	− 7 +14 − 3 +18 + 0 +20 − 1 −10 − 6 −13	1	2.28
29357		06 11 15.83	+47 54 24.6	6.85		H	92.815 943 85	+47.906 839 54		11.85	−12.35	−27.28	0.69	0.45	0.79	0.78	0.46	+17 +26 − 7 +33 +39 + 6 +37 + 1 + 7 +20	0	−1.27
29358		06 11 17.92	−05 03 45.1	8.29		H	92.824 666 02	−05.062 532 37		5.55	−27.37	14.70	1.06	1.00	1.13	1.14	1.09	+45 + 0 −41 −47 −39 + 2 −42 −49 +18 +33	0	−0.62
29359	H	06 11 18.06	−03 25 04.0	8.89	1	G	92.825 260 81	−03.417 787 83	A	0.71	−3.30	−2.91	1.96	2.99	1.72	1.88	1.41	−12 +28 −16 −11 +14 −30 +15 −24 + 6 − 9	1	−0.53
29360		06 11 18.08	+21 33 49.7	7.41		G	92.825 353 36	+21.563 795 42		1.12	0.33	−1.22	0.93	0.61	1.05	0.97	0.71	−17 +49 −32 + 5 −14 +11 +11 −47 +30 +16	0	2.13
29361		06 11 18.63	−09 38 08.9	8.55		H	92.827 635 28	−09.635 806 86		4.40	−12.85	−2.88	1.00	0.82	1.53	1.07	1.08	−32 +59 −28 −37 − 1 −38 −12 −19 + 1 − 5	0	1.34
29362	H	06 11 20.52	−16 35 24.0	8.15		H	92.835 481 77	−16.589 991 26	*	1.55	−1.46	−2.22	0.76	0.67	1.16	1.09	0.87	+ 7 + 5 −20 + 5 −50 +34 −43 − 3 +15 +51	1	2.53
29363		06 11 21.39	−69 45 37.6	7.97		G	92.839 107 64	−69.760 437 12		6.73	−3.57	67.79	0.62	0.58	0.66	0.65	0.72	− 5 +14 + 7 −16 + 9 + 8 + 7 +11 −32 −19	0	−1.81
29364		06 11 21.51	+14 28 30.3	7.59		H	92.839 625 66	+14.475 078 52		0.79	−2.34	−2.69	1.08	0.66	1.15	1.11	0.73	+ 6 +36 + 7 − 9 + 9 + 7 +10 −40 − 9 +23	2	2.15
29365		06 11 21.75	−15 47 34.9	6.78		H	92.840 631 10	−15.793 016 04		7.36	0.53	−18.02	0.55	0.50	0.79	0.76	0.58	+10 + 5 −14 − 4 −48 +30 −41 −15 +14 +26	0	0.29
29366		06 11 21.98	−60 03 36.0	8.39		H	92.841 564 83	−60.059 997 94		9.75	−28.45	−1.57	0.71	0.52	0.68	0.88	0.70	−20 − 2 − 3 +38 −14 + 2 −13 −20 − 4 −17	4	0.47
29367		06 11 23.18	+20 54 19.5	6.84		H	92.846 584 37	+20.905 420 87		−0.93	1.00	−3.16	0.96	0.57	1.02	1.02	0.66	+15 +50 −15 − 7 −26 + 2 −14 −47 + 4 +43	0	0.96
29368	H	06 11 24.64	−16 49 42.8	8.19		H	92.852 666 18	−16.828 562 97	A	1.22	−8.65	−1.74	1.33	1.20	1.92	1.88	1.46	+22 + 6 −25 − 4 −53 +48 −40 −29 +33 +68	1	0.84
29369		06 11 25.69	+74 31 40.7	8.55		H	92.857 053 74	+74.527 958 59		3.70	6.05	−9.89	0.47	0.64	0.81	0.52	0.78	+12 + 7 + 4 +11 + 4 +15 + 5 −11 − 2 +17	0	−0.56
29370		06 11 27.89	−27 03 29.2	7.40		H	92.866 201 69	−27.058 112 43		7.67	−6.38	−23.20	0.45	0.60	0.75	0.56	0.73	− 1 +16 − 6 − 5 + 2 + 4 + 1 −21 + 5 −12	0	−0.21
29371		06 11 27.91	+13 38 19.0	6.04		H	92.866 304 47	+13.638 604 28		7.58	−4.90	−17.81	0.75	0.44	0.82	0.78	0.48	− 1 +44 − 5 +13 + 4 −22 + 6 −19 − 4 +14	0	1.75
29372		06 11 28.84	+57 01 32.4	9.65		H	92.870 147 79	+57.025 664 02	B	−2.51	−14.59	4.18	49.26	27.00	8.56	35.80	21.09	+22 + 2 + 6 +17 +22 +16 +18 + 0 +12 +21	10	1.99
29373		06 11 29.76	+43 09 54.3	6.95		H	92.874 013 95	+43.165 090 65		5.43	−23.28	31.13	0.78	0.46	0.94	0.90	0.53	+ 5 +39 − 6 +12 +25 − 6 +27 − 7 +21 − 4	0	1.41
29374		06 11 30.08	−41 34 40.5	9.31		G	92.875 353 26	−41.577 917 39		25.91	72.43	−281.64	0.79	0.80	0.95	0.81	1.01	+ 0 −19 − 3 − 1 − 4 +15 − 6 + 6 +11 + 0	0	0.98
29375		06 11 30.48	+44 08 04.7	7.55		H	92.876 988 95	+44.134 625 43		8.18	−8.09	−0.98	0.72	0.45	0.94	0.93	0.51	− 3 +24 + 2 + 9 +49 − 1 +43 − 7 +16 −29	0	−1.18
29376		06 11 31.37	−23 46 58.2	8.08		H	92.880 694 32	−23.782 843 74		2.76	−4.27	−0.59	0.38	0.61	0.88	0.51	0.68	−10 +16 + 4 +20 −13 + 3 −11 + 7 + 6 −16	0	0.45
29377		06 11 31.55	+57 01 32.4	8.46		G	92.881 441 73	+57.025 659 69	A	5.97	−9.39	−75.50	4.51	3.54	4.17	5.19	3.30	+30 + 7 + 6 +32 +35 + 8 +32 +19 +14 +29	10	1.99
29378		06 11 32.07	+43 47 57.1	7.13		H	92.883 618 80	+43.799 193 05		10.74	18.07	−52.08	0.74	0.44	0.97	0.87	0.49	+ 8 +31 +11 +19 +41 + 2 +37 + 5 +18 −18	2	0.69
29379		06 11 32.31	+24 25 13.4	5.83		H	92.884 605 04	+24.420 379 14		4.33	0.99	−52.04	0.80	0.50	0.83	1.03	0.63	+16 +30 − 4 +11 −15 − 9 −11 −29 + 7 +19	0	1.85
*29380	H	06 11 32.87	−31 31 10.1	9.13		G	92.886 959 90	−31.519 477 40	*	5.65	−3.36	−1.80	0.69	0.86	1.00	0.73	0.99	− 4 − 7 + 2 + 5 −12 +11 −13 +10 + 1 − 8	0	−1.87
*29381		06 11 33.00	+06 20 40.1	8.88		G	92.887 516 54	+06.344 471 25		6.34	1.18	−8.06	1.18	0.72	1.25	1.50	0.86	+ 2 +26 − 7 +13 +19 − 7 + 7 −35 + 0 −19	0	1.09
*29382		06 11 33.44	+42 09 06.8	8.32		H	92.889 351 40	+42.151 882 71		3.28	−0.46	−4.74	1.15	0.67	1.25	1.48	0.80	−10 +35 −16 +31 −24 + 1 − 3 −24 +28 +10	0	0.52
*29383		06 11 33.62	−54 07 56.3	8.15		H	92.890 091 01	−54.132 315 58		4.61	7.35	32.85	0.65	0.56	0.67	0.66	0.71	− 6 + 4 −10 + 0 −10 − 1 −16 −27 +12 −20	1	0.84
*29384	H	06 11 33.86	−00 46 01.6	8.29		G	92.891 102 85	−00.767 116 68	A	0.55	−2.36	−0.30	2.35	1.89	2.24	2.01	1.72	+23 + 7 − 6 −38 −30 −23 −34 −55 +15 +30	3	2.67
*29385		06 11 32.79	−35 28 55.9	10.73		H	92.886 639 50	−35.482 194 06		8.71	82.23	−191.90	1.21	1.46	1.63	1.40	1.68	−16 +30 − 6 + 6 + 4 + 2 + 1 −22 − 3 −23	0	0.06
29386		06 11 35.07	+09 37 45.9	8.47		H	92.896 124 95	+09.629 413 94		4.77	11.49	−108.05	1.10	0.71	1.13	1.25	0.83	+ 2 +25 − 5 −28 − 1 + 3 + 3 −50 − 4 +25	0	1.61
29387		06 11 36.13	−21 28 17.9	8.62		H	92.900 535 07	−21.471 637 02		2.54	0.93	−0.03	0.63	0.72	1.09	0.71	0.79	−26 +11 − 3 +54 −23 + 1 −21 +20 + 9 −24	0	−0.25
29388	H	06 11 36.58	+48 42 40.0	5.78		G	92.902 410 65	+48.711 124 68	A	10.49	14.30	−55.85	0.92	0.60	0.96	0.98	0.58	− 2 +27 −17 +20 +13 − 8 +22 −24 +35 + 1	9	1.35
29389	H	06 11 36.96	−27 55 41.3	7.66		G	92.903 994 92	−27.928 127 49	A	12.41	30.53	63.45	0.84	0.99	1.17	1.02	1.10	−27 +14 − 3 − 1 + 4 − 2 + 5 −11 +25 −34	2	0.13
29390		06 11 37.21	+26 27 30.6	9.10		G	92.905 061 61	+26.458 502 68		−0.04	54.04	−56.61	1.56	1.09	1.73	1.77	1.16	+16 +48 −34 −20 −56 +22 −27 −75 +21 +57	2	0.13
29391		06 11 39.07	−22 53 48.2	8.84		H	92.912 798 22	−22.896 715 54		13.70	−14.98	33.20	0.57	0.89	1.16	0.71	1.10	−15 +14 −17 + 1 + 5 −11 + 2 −32 + 2 −19	1	1.21
29392		06 11 40.51	+01 45 55.6	8.99		H	92.918 775 72	+01.765 442 03	A	5.86	1.41	−6.51	3.46	2.33	3.03	3.71	2.51	+26 +43 + 6 −12 −23 −29 − 9 −39 − 7 +50	17	2.66
29393		06 11 40.78	−10 15 02.7	7.27		H	92.919 918 54	−10.250 742 43		5.24	47.39	−7.51	0.73	0.60	1.02	0.83	0.74	−27 +51 −36 −27 + 9 −26 + 2 −23 + 2 +15	0	0.23
29394		06 11 40.85	−12 35 55.4	7.93		H	92.920 193 02	−12.598 734 27		10.75	−7.85	32.73	0.69	0.63	1.00	0.86	0.79	+22 +18 − 3 −11 −22 +13 −24 −15 −13 − 2	0	1.92
29395		06 11 41.24	+01 45 57.9	10.39		H	92.921 830 06	+01.766 090 62	B	13.15	−0.88	−13.75	15.52	10.77	9.81	13.83	9.82	+27 +39 + 4 − 3 −24 −30 − 5 −40 − 8 +54	17	2.66
29396		06 11 41.49	+07 46 42.4	7.32		H	92.922 858 25	+07.778 438 83		13.71	−11.56	77.09	0.80	0.56	0.89	0.89	0.63	+ 3 +27 −22 − 6 − 7 − 6 − 7 −34 + 2 +12	2	0.79
29397		06 11 41.55	−46 19 36.2	8.81		H	92.923 108 27	−46.326 718 89		8.21	13.00	115.49	0.73	0.72	0.82	0.77	0.82	−11 +30 + 2 +21 + 0 +18 − 1 +11 − 4 −15	3	0.68
29398		06 11 41.72	−27 13 51.0	7.75		H	92.923 851 09	−27.230 837 85		3.18	−9.27	−51.16	0.52	0.71	0.86	0.65	0.83	− 1 +11 − 3 − 7 + 3 + 0 + 2 −21 +13 −17	0	1.10
29399		06 11 43.11	−18 11 10.1	6.60		H	92.929 623 05	−18.186 130 20		5.20	−10.75	21.88	0.53	0.46	0.71	0.64	0.52	+10 + 9 + 0 + 2 −45 +11 −44 + 8 + 1 +32	0	1.01
29400		06 11 43.17	−55 48 06.7	8.80		H	92.929 894 93	−55.801 865 66		2.35	18.36	24.24	0.79	0.59	0.77	0.99	0.89	− 1 + 2 −15 +16 −13 + 6 −17 −39 + 6 − 6	0	0.32

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
29301	9.342	0.019	8.766	0.017		0.530	0.020	G	0.51	0.02	H	8.7767	0.0035	0.021	87		8.73	8.81		R	06107+3057	I 1	1							
29302	7.705	0.009	7.668	0.013		0.039	0.015	T	0.05	0.01	L	7.6915	0.0012	0.008	72		7.67	7.70		C			1							S
29303	9.831	0.012	8.536	0.007		1.101	0.011	T	1.06	0.01	L	8.5799	0.0012	0.018	302		8.55	8.61					1							
29304	6.264	0.004	6.279	0.004		−0.012	0.005	T	0.01	0.01	L	6.2880	0.0007	0.006	116		6.28	6.30					1							S
29305	10.833	0.040	9.115	0.016		1.434	0.034	T	1.43	0.05	L	9.1298	0.0015	0.016	117		9.10	9.16		C			1							
29306	8.201	0.009	8.220	0.011	A	−0.100	0.495	G	0.00	0.01	L *	8.1986	0.0017	0.019	141	*	8.17	8.23		D	06107−2021	I 1	2 C	A	AB	353	1.259	0.017	2.63	0.08	
29307	7.854	0.008	7.673	0.008		0.166	0.011	T	0.18	0.01	L	7.7033	0.0008	0.010	116		7.69	7.72		C			1							S
29308	7.770	0.008	7.784	0.009		−0.008	0.011	T	0.01	0.01	L	7.7997	0.0011	0.011	90		7.78	7.82		C			1							S
29309	9.023	0.016	8.593	0.017		0.406	0.022	T	0.47	0.02	L	8.6561	0.0021	0.017	75		8.64	8.69			06108+3300	I 1	1	S						
29310	6.917	0.006	6.927	0.006		−0.004	0.008	T	0.02	0.01	L	6.9374	0.0012	0.008	80		6.92	6.95		C			1	S						S
29311	8.541	0.010	8.077	0.009		0.451	0.006	G	0.52	0.01	H	8.1181	0.0014	0.014	115		8.10	8.14		C			1							S
29312											T	11.0189	0.0059	0.039	61		10.95	11.08		C			1	S						G
29313	9.844	0.020	8.657	0.013		1.017	0.019	T	0.99	0.01	L	8.7120	0.0015	0.016	119		8.69	8.74		C			1							
29314	7.869	0.008	7.491	0.008		0.385	0.001	G	0.45	0.00	H	7.5354	0.0010	0.009	98		7.52	7.56					1							S
29315	8.412	0.012	7.262	0.008		0.988	0.011	T	0.97	0.01	L	7.3097	0.0014	0.010	79		7.29	7.33		C			1							S
29316						1.450	0.014	G	1.81	0.06	I *	10.4415	0.0054	0.031	58	*	10.40	10.49		D	06109+1019	I 1	2 C	A	AB	25	2.537	0.032	2.06	0.21	G
29317	8.330	0.010	8.401	0.013		−0.067	0.005	G	−0.04	0.01	H	8.4247	0.0013	0.014	131		8.39	8.46					1							
29318	8.213	0.008	7.877	0.009		0.319	0.011	T	0.37	0.01	L	7.9428	0.0015	0.012	112		7.92	7.97		C			1							S
29319	10.073	0.028	9.571	0.028		0.472	0.036	T	0.54	0.04	L	9.6504	0.0028	0.023	85		9.61	9.69		C			1							G
29320	9.717	0.015	8.547	0.010		1.004	0.014	T	0.98	0.01	L	8.6255	0.0016	0.020	159		8.60	8.66					1 G							S
29321	7.424	0.015	7.493	0.018		−0.059	0.020	T	−0.04	0.02	L	7.4493	0.0145	0.122	76		7.41	7.74	2.19	P 1 A			1							S
29322	12.027	0.233	11.590	0.208		1.420	0.020	G	1.96	0.02	A	11.3923	0.0085	0.051	84		11.33	11.46					1 X	S						G
29323			6.172	0.006		0.010	0.006	G	0.03	0.01	H	6.1680	0.0009	0.007	73		6.16	6.19					1							S
29324	8.742	0.011	8.754	0.014		−0.006	0.016	T	0.01	0.01	L	8.7499	0.0016	0.017	104		8.72	8.78		C			1							
29325	9.288	0.015	7.799	0.008		1.253	0.013	T	1.21	0.01	L	7.8231	0.0011	0.014	127		7.79	7.85					1							
29326	8.119	0.010	6.502	0.005		1.350	0.015	G	1.18	0.04	G	6.5352	0.0011	0.007	72		6.53	6.55		C			1 G							S
29327	7.449	0.008	7.589	0.009		−0.122	0.011	T	−0.11	0.01	L	7.5691	0.0013	0.010	75		7.55	7.58		C			1							S
29328	10.090	0.024	8.920	0.016		1.004	0.022	T	0.98	0.02	L	8.9540	0.0019	0.018	101		8.93	8.99					1							
29329	8.971	0.014	7.340	0.007		1.365	0.012	T	1.33	0.01	L	7.3514	0.0011	0.010	82		7.33	7.37		C			1							
29330	10.089	0.021	8.894	0.013		0.995	0.015	G	1.04	0.02	I	8.9374	0.0014	0.019	161		8.90	8.97					1	S						
29331	10.869	0.045	9.261	0.020		1.347	0.039	T	1.31	0.04	L	9.3045	0.0027	0.017	97		9.28	9.34					1							
29332	7.793	0.010	7.664	0.011		0.125	0.014	T	0.14	0.01	L	7.6885	0.0011	0.011	75		7.67	7.71		C			1							S
29333	8.017	0.008	8.050	0.010		−0.023	0.003	G	0.00	0.00	H	8.0697	0.0011	0.011	105		8.05	8.09		C			1	S						S
29334	8.380	0.013	8.329	0.017	*	0.052	0.019	T	0.06	0.01	L *	8.4261	0.0027	0.019	76	*	8.40	8.46		D	06111+2453	I 1	2 C	A	AB	357	5.840	0.006	1.46	0.04	
29335	9.489	0.018	7.855	0.009		1.367	0.016	T	1.34	0.02	L	7.8695	0.0012	0.012	83		7.85	7.89		C			1							
29336	8.521	0.013	8.486	0.016		0.037	0.019	T	0.05	0.01	L	8.5033	0.0011	0.013	77		8.49	8.55					1							S
29337	9.631	0.016	8.907	0.013		0.651	0.016	T	0.71	0.01	L	8.9553	0.0016	0.022	155		8.92	9.00					1							
29338	11.421	0.100	9.737	0.034	*	1.407	0.084	T	1.39	0.10	L *	9.7346	0.0041	0.029	68	*	9.68	9.78		R	06111+2535	H 1	2 C S	B	AB	190	0.161	0.019	1.20	0.68	G
29339	7.887	0.010	7.819	0.013		0.060	0.015	G	0.07	0.01	H	7.8387	0.0017	0.010	72		7.82	7.86		C			1							S
29340	8.409	0.008	8.396	0.010		0.013	0.011	T	0.03	0.01	L	8.4157	0.0014	0.016	156		8.39	8.45		C			1							S
29341	9.263	0.018	9.143	0.023		0.116	0.027	T	0.13	0.03	L	9.1607	0.0015	0.018	87		9.13	9.19		C			1							
29342	10.698	0.048	9.560	0.030		0.979	0.044	T	0.96	0.04	L	9.5599	0.0027	0.017	68		9.53	9.58		C			1	S						G
29343	8.094	0.007	8.142	0.009	*	−0.052	0.002	G	−0.03	0.00	H *	8.1261	0.0017	0.016	152	*	8.10	8.16		D	06112−2250	I 1	2 C	A	AB	106	0.404	0.003	0.75	0.02	S
29344	9.027	0.020	7.721	0.012		1.080	0.020	G	1.04	0.02	H	7.7608	0.0011	0.009	78		7.74	7.78		C			1							S
29345	8.534	0.009	7.512	0.007		0.891	0.009	T	0.90	0.01	L	7.5776	0.0009	0.009	151		7.56	7.59		C			1 G							S
29346	9.389	0.020	8.226	0.013		0.998	0.019	T	0.98	0.01	L	8.2664	0.0013	0.013	72		8.24	8.28		D			1							
29347	6.042	0.003	6.070	0.003		−0.021	0.004	T	0.00	0.00	L	6.0791	0.0006	0.006	156		6.07	6.09		C			1							S
29348	8.704	0.011	6.699	0.005		1.698	0.010	T	2.23	0.03	O	6.5452	0.0027	0.021	88		6.51	6.58		U 2			1	S						S
29349	9.679	0.018	8.992	0.016		0.623	0.018	T	0.69	0.02	L	9.0470	0.0016	0.018	117		9.01	9.09					1							
29350	10.703	0.040	8.677	0.014		1.715	0.035	T	1.80	0.10	O	8.5984	0.0021	0.020	109		8.56	8.63		U			1							
29351	8.464	0.010	8.488	0.013		−0.017	0.015	T	0.01	0.01	L	8.5007	0.0024	0.015	91		8.47	8.53					1							
29352	7.686	0.010	7.791	0.012		−0.076	0.015	G	−0.06	0.02	H	7.7699	0.0038	0.032	84		7.72	7.83	2.63	P 1 A			1							S
29353	7.115	0.007	5.210	0.005		1.599	0.040	G	2.13	0.02	A	5.0769	0.0024	0.023	94		5.03	5.12		U 2			1	S						S
29354	10.128	0.036	8.703	0.019		1.270	0.015	G	1.23	0.02	K	8.6868	0.0016	0.011	69		8.66	8.70		C			1							
29355	8.823	0.013	7.349	0.007		1.241	0.012	T	1.20	0.01	L	7.3821	0.0015	0.011	102		7.37	7.40		C			1							S
29356	8.860	0.011	7.486	0.007		1.163	0.010	T	1.12	0.01	L	7.5254	0.0011	0.011	135		7.51	7.55		C			1							S
29357	7.065	0.005	6.881	0.005		0.176	0.007	T	0.19	0.01	L	6.9136	0.0010	0.008	112		6.90	6.93		C			1							S
29358	8.395	0.010	8.304	0.012		0.089	0.015	T	0.10	0.02	L	8.3293	0.0015	0.017	67		8.29	8.37		C			1							
29359	8.891	0.018	8.896	0.023	*	−0.010	0.015	G	0.01	0.01	H *	8.9109	0.0036	0.029	68	*	8.88	8.96		U	06113−0325	H 1	2 C	A	AB	178	0.363	0.013	2.20	0.12	
29360	7.752	0.008	7.457	0.011		0.343	0.008	G	0.40	0.01	H	7.4848	0.0018	0.011	72		7.47	7.51					1							S
29361	8.712	0.011	8.554	0.012		0.152	0.015	T	0.17	0.01	L	8.6026	0.0019	0.022	110		8.57	8.65					1							S
29362	9.893	0.017	8.287	0.009	*	1.345	0.015	T	1.31	0.02	L *	8.3031	0.0013	0.016	173	*	8.28	8.33		C	06113−1635	H 1	2 C S	C	AB	213	0.111	0.065	1.70	2.08	
29363	8.323	0.011	8.024	0.011		0.312	0.021	G	0.36	0.03	H	8.0570	0.0014	0.013	96		8.04	8.08		C			1							S
29364	9.342	0.028	7.754	0.015		1.311	0.049	G	1.32	0.03	C	7.7435	0.0012	0.012	81		7.73	7.76		C			1							S
29365	7.071	0.005	6.790	0.005		0.267	0.007	T	0.30	0.01	L	6.8472	0.0008	0.009	141		6.83	6.87		C			1							S
29366	8.777	0.012	8.425	0.012		0.334	0.016	T	0.39	0.02	L	8.4664	0.0019	0.016	115		8.44	8.49		C			1							S
29367	7.016	0.006	6.855	0.007		0.155	0.009	T	0.17	0.01	L	6.8914	0.0012	0.007	67		6.88	6.90		C			1							S
29368	8.473	0.009	8.357	0.010	*	0.105	0.012	T	0.12	0.01	L *	8.2352	0.0011	0.013	187	*	8.21	8.26		D	06114−1650	I 1	2 C	B	AB	2	1.081	0.001	0.01	0.01	
29369	9.015	0.009	8.583	0.009		0.412	0.015	G	0.48	0.02	H	8.6382	0.0019	0.019	197		8.61	8.67					1							
29370	7.522	0.006	7.410	0.007		0.101	0.008	T	0.11	0.01	L	7.4425	0.0009	0.010	151		7.42	7.46					1							S
29371	6.067	0.003	6.044	0.004		0.021	0.004	T	0.04	0.00	L	6.0540	0.0006	0.004	84		6.05	6.06		C			1							S
29372	11.831	0.141	9.787	0.037	B	1.581	0.197	G	1.59	0.22	R	9.6339	0.0922			B				D	06115+5702	I 2	1 C I	A						
29373	8.255	0.013	7.079	0.007		1.008	0.012	T	0.98	0.01	L	7.1209	0.0013	0.009	92		7.10	7.14			06115+4310	I 1	1							S
29374	10.541	0.030	9.444	0.019		0.943	0.000	G	1.02	0.02	A	9.4456	0.0023	0.024	122		9.42	9.49					1							
29375	7.830	0.006	7.572	0.006		0.246	0.008	T	0.28	0.01	L	7.6176	0.0008	0.010	146		7.60	7.64					1							S
29376	7.961	0.005	8.061	0.006		−0.083	0.002	G	−0.06	0.00	H	8.0561	0.0013	0.015	244		8.03	8.08					1							S
29377	9.073	0.015	8.464	0.014	A	0.521	0.015	G	0.59	0.02	H	8.5816	0.0436	0.065	75	A	8.43	8.64		D	06115+5702	I 2	1 C P	A						
29378	8.852	0.010	7.266	0.006		1.330	0.009	T	1.29	0.01	L	7.2803	0.0008	0.011	133		7.26	7.30		C			1							S
29379	7.260	0.008	5.953	0.005		1.110	0.015	G	0.99	0.04	E	5.9977	0.0008	0.007	75		5.99	6.01		C			1							S
29380	9.655	0.019	9.155	0.018	*	0.456	0.015	G	0.53	0.02	H *	9.2426	0.0023	0.023	146	*	9.19	9.29		C	06115−3131	H 1	2 C S	A	AB	124	0.153	0.028	1.37	0.59	
29381	9.234	0.018	8.881	0.019		0.358	0.015	G	0.42	0.02	H	8.9727	0.0023	0.014	73		8.95	9.00		C			1							
29382	8.361	0.012	8.304	0.014		0.057	0.017	T	0.07	0.01	L	8.3494	0.0015	0.010	69		8.33	8.38		C			1							S
29383	9.301	0.016	8.244	0.011		0.917	0.015	T	0.92	0.01	L	8.3146	0.0015	0.013	97		8.30	8.34					1							
29384	8.252	0.014	8.263	0.018	*	0.000	0.015	G	0.02	0.01	H *	8.2869	0.0016	0.013	68	*	8.26	8.31		D	06116−0046	I 1	2 C	A	AB	307	7.324	0.007	0.49	0.03	
29385	11.710	0.096	10.700	0.059		0.988	0.015	G	0.97	0.01	H	10.8982	0.0043	0.043	135		10.83	10.99					1							G
29386	9.682	0.024	8.573	0.016		0.956	0.022	T	0.94	0.02	L	8.6328	0.0018	0.013	76		8.61	8.66		C			1							Y
29387	8.436	0.007	8.598	0.010		−0.127	0.004	G	−0.12	0.01	H	8.5796	0.0019	0.019	165		8.55	8.61		C			1							
29388	6.252	0.006	6.172	0.007	A	0.100	0.042	G	0.11	0.05	R *	5.8281	0.0009	0.007	90	*	5.82	5.84		D	06116+4843	I 1	2 C	A	AB	357	7.592	0.002	0.90	0.01	S
29389	8.187	0.009	7.750	0.009	*	0.430	0.015	G	0.50	0.02	H *	7.7581	0.0012	0.014	147	*	7.73	7.78		D	06116−2756	I 1	2 C	A	AB	327	0.915	0.010	2.17	0.03	S
29390	9.333	0.022	9.065	0.025		0.273	0.015	G	0.31	0.02	H	9.1580	0.0016	0.013	67		9.14	9.18					1							
29391	9.601	0.016	8.922	0.014		0.617	0.016	T	0.69	0.01	L	8.9708	0.0017	0.022	148		8.94	9.01					1							
29392	9.226	0.017	9.006	0.019	A	0.210	0.024	T	0.23	0.03	L	9.0541	0.0083	0.035	84	A	9.02	9.19		D	06117+0146	I 2	1 C P	A						
29393	8.958	0.012	7.423	0.007		1.289	0.011	T	1.25	0.01	L	7.4306	0.0012	0.010	112		7.41	7.45		C			1							S
29394	8.346	0.010	7.969	0.011		0.350	0.015	G	0.41	0.02	H	8.0142	0.0013	0.014	101		7.99	8.04		C			1							S
29395	10.927	0.089	10.306	0.079	B	0.584	0.072	G	0.66	0.07	R	10.5732	0.0307			B				D	06117+0146	I 2	1 C I	A						
29396	7.807	0.007	7.372	0.008		0.422	0.004	G	0.49	0.00	H	7.4192	0.0014	0.011	89		7.40	7.43		C			1							S
29397	9.363	0.014	8.869	0.014		0.476	0.015	T	0.55	0.02	L	8.9193	0.0020	0.017	113		8.89	8.96		C			1							
29398	9.377	0.014	7.909	0.008		1.237	0.013	T	1.20	0.01	L	7.9110	0.0012	0.016	143		7.88	7.94			06117−2714	I 1	1							S
29399	7.858	0.006	6.706	0.004		0.990	0.006	T	0.97	0.01	L	6.7691	0.0005	0.006	160		6.76	6.78		D			1							S
29400	10.130	0.029	8.899	0.018		1.051	0.027	T	1.02	0.02	L	8.9675	0.0019	0.017	88		8.94	9.00		C			1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
29401	H	06 11 43.72	−04 39 55.6	6.18		G	92.932 166 82	−04.665 431 56	A	5.52	−7.12	−3.38	1.08	0.84	1.09	1.01	0.81	−18	+27	−25	−50	+19	−26	+12	−50	+2	−23	1	0.86
29402		06 11 45.56	+69 50 38.8	9.80		H	92.939 813 01	+69.844 117 92		13.35	−18.49	84.75	0.65	1.03	1.62	0.61	1.07	−3	+15	−13	−10	+21	−3	+24	−6	+14	+19	2	1.40
29403	H	06 11 45.72	+02 28 15.9	8.04		H	92.940 503 42	+02.471 091 79	A	3.03	−5.13	−2.97	1.85	1.25	1.82	1.82	1.25	+39	+24	−10	−37	−15	−23	−22	−53	−3	+28	1	0.10
29404		06 11 45.91	+52 38 50.5	6.28		H	92.941 292 24	+52.647 364 26		9.97	4.06	−73.13	0.74	0.51	0.81	0.87	0.51	−1	+16	+5	+7	+48	+10	+41	−19	−7	−3	0	0.36
29405		06 11 47.43	+23 59 29.7	10.84		H	92.947 607 53	+23.991 585 39		1.66	−6.52	−13.37	2.22	1.30	2.43	2.86	1.58	−6	+27	−3	+18	−23	−20	−15	−31	+20	−9	5	−0.75
29406		06 11 47.65	+07 36 46.0	8.91		H	92.948 555 15	+07.612 777 13		1.66	0.41	−4.95	1.03	0.69	1.17	1.12	0.77	−13	+36	−27	−9	−1	−14	+1	−45	+11	+0	0	1.15
29407		06 11 47.94	+29 40 49.5	8.40		H	92.949 759 53	+29.680 413 39		0.60	−0.36	−5.22	0.98	0.68	1.04	1.09	0.69	−1	+27	−15	−1	−11	+0	−7	−47	+5	+5	0	0.24
29408	H	06 11 48.24	−40 25 05.4	8.68		H	92.951 005 12	−40.418 165 26	A	2.18	−8.54	4.99	1.14	1.32	1.33	1.13	1.58	−4	−15	+15	+2	−6	−9	−9	+5	−8	−1	1	1.53
29409		06 11 48.80	−13 13 19.1	8.96		H	92.953 327 60	−13.221 959 89		3.46	−4.42	−8.77	0.82	0.75	1.15	1.10	1.03	+1	+10	−8	−26	−9	+4	−11	−32	−12	−6	0	1.46
29410		06 11 49.09	−20 29 59.4	9.18		G	92.954 546 02	−20.499 844 77		2.28	−5.71	7.09	0.76	0.87	1.15	0.82	0.86	−8	+5	+17	+18	−37	+1	−36	+22	+1	−10	0	0.06
29411		06 11 49.59	−63 55 45.7	8.91		H	92.956 609 94	−63.929 367 39		2.80	−5.09	21.98	0.70	0.77	0.76	0.77	0.89	−9	+19	+4	+10	−11	−2	−17	−19	−5	−27	1	−0.07
29412		06 11 49.96	+45 02 10.7	8.44		H	92.958 170 63	+45.036 319 29		1.54	0.07	−1.38	0.82	0.49	1.06	0.94	0.54	+9	+26	−3	+28	+45	−9	+41	+7	+21	−12	0	−1.28
29413		06 11 50.41	+64 37 00.1	9.86		H	92.960 053 64	+64.616 696 64		2.04	−5.18	−6.34	0.81	0.89	1.51	1.17	1.04	+2	+13	+12	+14	−13	−6	−12	+0	+13	−20	0	1.85
29414		06 11 51.32	−15 38 11.9	8.63		H	92.963 814 18	−15.636 649 41		1.19	−0.32	−3.91	0.70	0.69	1.04	1.02	0.91	−3	+12	−20	−24	−25	+17	−16	−40	+24	+11	0	−1.30
29415		06 11 51.40	−65 32 54.4	8.23		H	92.964 171 71	−65.548 440 40		2.40	−9.11	8.94	0.69	0.69	0.72	0.81	0.81	−16	+12	−4	−15	+0	+3	−1	−19	−12	−31	0	−0.76
29416		06 11 51.41	+21 52 05.7	6.93	3	H	92.964 224 35	+21.868 240 73		−0.67	0.21	−2.73	0.94	0.60	1.05	0.92	0.67	−6	+55	−28	−3	−21	+15	+3	−51	+23	+30	0	0.97
29417		06 11 51.82	−06 33 01.0	5.06		H	92.965 900 78	−06.550 282 76		2.71	−3.54	−1.83	0.62	0.54	0.75	0.69	0.58	+15	+18	−39	−30	−12	−3	−12	−42	+17	+3	0	−0.01
29418		06 11 52.01	−50 47 33.8	7.87		G	92.966 692 84	−50.792 719 85		5.12	−5.66	−14.21	0.59	0.61	0.63	0.73	0.76	−1	+7	−7	+2	−8	+8	−7	+35	−7	−6	0	−0.28
29419		06 11 52.39	−14 27 16.0	8.16		H	92.968 311 23	−14.454 432 83		1.80	−1.72	2.81	0.74	0.71	1.18	1.10	0.76	+7	−2	−42	−26	−50	+47	−32	−45	+33	+14	0	0.18
29420		06 11 52.58	+00 45 02.6	8.29		H	92.969 085 16	+00.750 710 45		2.80	−2.10	−2.99	1.02	0.62	1.17	0.95	0.72	+7	+62	−6	−15	−5	−22	−11	−27	−6	+7	0	−1.95
29421		06 11 54.17	+71 07 50.6	7.48		H	92.975 720 69	+71.130 717 08		19.24	−39.58	27.00	0.38	0.51	0.74	0.43	0.56	+2	+14	−6	+13	+12	+6	+14	−8	+5	+10	1	−0.01
29422		06 11 54.99	+53 49 57.9	8.10		H	92.979 119 03	+53.832 754 54		2.94	5.86	−5.45	0.93	0.64	1.02	1.10	0.72	+32	+16	+6	+29	+33	+7	+32	+23	+14	+19	0	−0.25
29423		06 11 55.81	−11 56 08.8	8.69		H	92.982 534 19	−11.935 787 74		5.10	11.72	−12.40	0.79	0.77	1.33	1.06	0.98	+11	+4	−27	−8	−34	+12	−31	−4	−4	−1	0	1.10
29424		06 11 56.15	−01 19 25.1	7.80		H	92.983 949 49	−01.323 626 26		2.86	0.52	−4.65	0.92	0.70	1.03	0.83	0.71	+2	+41	+4	−33	+2	−21	−5	−46	−8	−19	0	1.11
29425		06 11 56.25	+23 12 25.4	7.17	2	H	92.984 379 46	+23.207 061 68		−0.17	−3.10	−1.25	1.02	0.58	1.13	1.02	0.65	−13	+52	−21	−3	−5	−1	+8	−42	+20	+4	0	0.73
29426		06 11 56.40	+14 12 31.7	4.45		H	92.984 986 56	+14.208 814 25		5.14	−1.59	−20.23	0.73	0.44	0.78	0.73	0.50	+6	+43	−8	+7	+6	−12	+7	−17	−6	+30	0	0.37
29427		06 11 57.95	−75 05 02.2	7.33		H	92.991 468 02	−75.083 938 97		5.08	−11.39	19.07	0.54	0.51	0.54	0.57	0.61	−14	+14	−11	−29	−1	+10	+2	−11	−2	−28	1	0.51
29428	H	06 11 58.39	+35 30 56.1	9.06		H	92.993 288 27	+35.515 585 37	*	1.82	0.37	−0.90	1.22	0.74	1.36	1.51	0.81	−9	+37	−20	+5	+6	+29	+21	−40	+15	+24	0	0.33
*29429	H	06 11 58.73	+07 23 28.8	7.04		G	92.994 693 97	+07.391 326 37	A	1.11	1.51	−2.37	3.53	1.19	1.50	1.57	0.99	+37	+7	−30	−18	−2	−26	−12	−43	+18	+15	1	0.28
*29430		06 11 58.72	+17 46 04.0	8.22		H	92.994 651 82	+17.767 786 03		3.02	−2.05	−2.24	1.04	0.65	1.17	1.22	0.75	+8	+38	−9	−2	−19	+31	−4	−47	+8	+41	2	0.80
29431	H	06 11 58.93	−74 30 50.9	8.98		H	92.995 527 81	−74.514 144 05	A	9.77	−0.42	−36.83	1.74	1.86	1.66	1.65	1.81	−17	+12	+5	−2	−6	+4	−10	−1	−23	−16	1	−0.06
29432		06 12 00.45	+06 47 01.3	6.85		H	93.001 879 59	+06.783 690 45		43.26	196.42	−253.39	0.73	0.48	0.87	0.90	0.57	+1	+24	−19	+5	+21	−39	+11	−26	−21	+17	0	1.31
29433		06 12 01.34	+19 47 26.1	5.76		H	93.005 578 98	+19.790 571 55		3.36	1.96	−11.82	0.85	0.50	0.93	0.84	0.56	+17	+52	−23	+0	−24	+12	−6	−41	+21	+42	0	−1.50
29434		06 12 03.28	+16 07 49.6	4.95		H	93.013 650 54	+16.130 446 84		4.21	5.57	−16.77	1.05	0.58	1.26	0.85	0.60	−31	+68	−53	+14	−9	+27	+36	−42	+36	+54	0	2.31
29435	H	06 12 05.49	+29 29 31.8	7.38		G	93.022 865 84	+29.492 153 84	A	3.20	−0.88	−3.42	1.21	0.94	1.25	1.38	0.88	−36	+25	−21	−34	+23	+18	+33	−52	+9	−20	1	0.73
29436		06 12 06.84	+62 58 08.6	8.68	2	H	93.028 489 48	+62.969 047 00		1.50	3.33	7.18	0.76	0.74	1.09	0.89	0.81	−1	+10	−28	−18	−4	−7	−4	−24	+20	−14	0	0.64
29437	H	06 12 07.50	−26 02 59.7	7.28		H	93.031 236 31	−26.049 917 94	A	3.68	−32.40	8.90	1.05	1.20	1.06	0.79	0.98	+25	+11	+17	+22	+0	−5	+2	−5	−4	−3	1	0.07
29438	H	06 12 07.62	+65 04 48.4	9.37		H	93.031 749 20	+65.080 109 48	*	4.39	−16.88	−45.61	1.48	2.65	1.57	1.23	1.19	−4	+12	−4	−4	+2	−15	+3	−21	+26	−14	1	−0.43
29439		06 12 11.20	−65 31 53.5	6.85		H	93.046 677 17	−65.531 516 86	A	16.49	28.08	150.89	1.87	1.83	1.46	1.95	1.84	−14	+12	−6	−15	+2	−5	+0	−26	−1	−31	11	1.87
29440		06 12 12.29	+04 40 25.5	7.46		H	93.051 210 33	+04.673 763 22		3.73	−0.19	−7.28	0.94	0.56	0.99	0.76	0.60	+23	+59	+5	−30	−8	−17	−11	−43	−10	+28	0	1.53
29441		06 12 13.38	+50 13 40.4	9.03	3	T	93.055 732 11	+50.227 900 29		1.35	7.31	−2.06	1.29	0.93	1.64	1.37	0.93	+24	+36	+11	+17	+40	+12	+33	−21	+9	+11	0	2.41
29442		06 12 14.01	−14 39 01.5	9.49		G	93.058 394 83	−14.650 412 33		13.21	−77.02	161.51	0.98	1.05	1.82	1.41	1.19	+20	+3	−40	−36	−47	+47	−28	−53	+40	+30	0	1.76
*29443	H	06 12 14.17	−36 45 22.8	9.17		H	93.059 060 59	−36.756 342 24	*	5.19	42.27	−89.82	0.76	0.99	1.05	0.73	1.12	−12	+22	−24	−13	+2	+4	+4	−26	+1	−2	0	−1.98
*29444		06 12 14.08	−65 32 03.7	8.60		H	93.058 663 94	−65.534 357 24	B	23.42	23.02	167.56	24.66	21.53	6.63	9.21	8.73	−17	+12	−12	−6	+1	−4	−2	−18	−2	−30	11	1.87
29445		06 12 15.21	+36 08 03.8	8.73		H	93.063 361 93	+36.134 397 40		5.56	−11.24	−41.51	1.18	0.70	1.24	1.61	0.82	−3	+25	−8	+26	+15	+15	+27	−22	+5	+32	0	1.16
29446		06 12 15.94	+10 20 00.3	7.49		G	93.066 398 78	+10.333 428 08		2.89	−1.94	−3.77	1.03	0.67	1.07	1.55	0.82	+18	+8	−43	−43	−28	+19	−18	−58	+33	+46	0	0.53
29447		06 12 16.45	−60 15 21.7	8.01		H	93.068 524 50	−60.256 025 02		2.65	4.56	14.09	0.68	0.52	0.69	0.82	0.70	−25	+2	−4	+7	−1	−24	−3	−12	+8	−28	2	1.43
29448		06 12 17.13	+45 02 52.0	8.34		H	93.071 390 61	+45.047 777 08		3.58	19.53	−13.48	0.90	0.53	1.11	1.08	0.59	+7	+25	+9	+37	+33	−4	+26	+16	+21	−25	2	−0.92
29449	H	06 12 17.70	−25 14 42.2	7.51		H	93.073 760 80	−25.245 048 31	A	8.89	−3.06	8.67	0.83	1.17	1.45	0.96	1.35	−4	+2	+13	−13	+1	+9	+0	−20	−12	−2	2	0.62
29450		06 12 19.10	+22 54 30.7	6.51	2	H	93.079 578 99	+22.908 519 43		0.76	−0.91	−2.18	0.91	0.61	1.02	1.04	0.72	−11	+39	−27	−3	−5	+4	+13	−51	+28	+15	0	1.67
29451		06 12 20.13	+32 41 36.2	5.78	1	H	93.083 874 94	+32.693 389 41		2.31	−8.69	−4.02	0.92	0.57	1.00	1.21	0.70	−10	+32	−17	+21	−19	−3	−4	−36	+31	+0	0	1.35
29452		06 12 21.64	+38 46 58.2	9.80		H	93.090 183 48	+38.782 846 98		2.74	1.03	−16.90	1.44	1.00	1.68	1.87	1.13	−12	+32	−18	+7	−15	+27	+8	−42	+24	+26	0	−0.45
29453		06 12 21.80	+49 56 49.8	8.78		H	93.090 819 73	+49.947 171 84		2.97	5.65	8.43	1.01	0.73	1.32	1.10	0.78	−11	+39	−29	+30	+14	+6	+25	−1	+22	+12	2	1.72
29454		06 12 21.89	+25 31 26.1	10.42		H	93.091 194 19	+25.523 908 19		3.20	−3.93	−4.68	2.26	1.57	2.48	2.93	1.74	+27	+27	−18	−24	−46	+35	−29	−69	+21	+50	0	−0.54
29455		06 12 22.45	−30 28 53.5	8.40	2	H	93.093 561 79	−30.481 539 53		6.47	−5.85	12.01	0.54	0.63	0.77	0.67	0.75	−1	+1	−12	−5	−10	+8	−9	−1	+6	+4	0	0.08
29456		06 12 22.49	+61 28 05.0	9.23		H	93.093 704 16	+61.468 055 90		6.41	43.06	−185.02	1.07	0.84	1.28	1.08	0.79	−30	+36	−25	−1	+2	−1	+3	−20	+0	−16	0	1.55
29457		06 12 24.99	+88 07 54.3	10.58		G	93.104 130 12	+88.131 749 11		9.87	115.24	−231.37	1.05	1.13	1.26	1.27	1.38	+9	+10	−11	+17	+10	+9	+11	+18	+1	+21	0	0.97
29458		06 12 26.82	−29 27 26.2	8.95		H	93.111 750 93	−29.457 266 15		2.82	−3.21	1.71	0.78	0.87	1.23	1.13	1.11	+1	+6	−22	−3	−13	+15	−10	−6	−8	−1	0	−0.14
29459		06 12 27.01	−24 31 21.3	8.83		G	93.112 538 46	−24.522 576 33		1.69	−4.76	7.08	0.62	0.94	1.34	0.76	1.09	−6	+5	−24	+17	−20	+0	−18	−5	+28	−12	0	0.30
29460		06 12 27.14	−10 29 17.9	7.55		H	93.113 066 36	−10.488 301 38		4.13	−6.83	−2.93	0.71	0.61	1.02	0.81	0.72	−28	+49	−39	−37	+14	−37	−1	−27	−5	+9	0	0.06
29461		06 12 27.25	−03 38 12.2	7.82		H	93.113 521 22	−03.636 714 38		14.41	−4.80	14.48	0.85	0.64	1.00	0.93	0.74	−12	+38	−23	−13	+15	−28	+6	−23	+1	−18	0	0.56
29462	H	06 12 27.40	−35 15 21.4	8.78		G	93.114 168 65	−35.255 939 92	*	2.45	−7.81	1.30	0.66	0.82	0.91	0.79	0.97	−8	+20	+1	−9	+3	+7	+1	−26	−4	−14	0	−1.45
29463		06 12 28.84	+30 18 58.0	9.35		H	93.120 162 26	+30.316 105 86		6.93	−5.63	8.44	1.23	0.87	1.37	1.70	1.03	+0	+22	−26	+0	−24	−2	−19	−45	+28	−10	0	1.55
29464		06 12 29.16	−36 33 49.5	6.88		H	93.121 500 74	−36.563 753 52		1.64	−3.69	5.90	0.44	0.49	0.59	0.44	0.57	−7	+18	−22	+16	−5	+19	−1	−11	−1	−2	0	−0.65
29465		06 12 29.44	−13 37 25.1	7.56		H	93.122 678 63	−13.623 626 03		3.55	−4.83	1.69	0.62	0.54	0.92	0.86	0.72	−6	+4	−19	−24	−30	+11	−25	−24	+23	−15	0	1.10
29466		06 12 30.89	−29 01 04.5	7.44		G	93.128 715 48	−29.017 912 46		10.56	−93.32	−65.04	0.55	0.64	0.82	0.73	0.87	−8	+3	−5	−33	−4	−4	−10	−18	−15	+3	1	0.32
29467		06 12 31.40	−43 00 22.9	7.79		H	93.130 813 44	−43.006 349 16		10.43	−14.31	9.65	0.53	0.56	0.62	0.56	0.69	+3	−9	+3	−7	−10	+14	−13	+15	+1	+5	0	−0.74
29468	H	06 12 32.20	−61 28 26.7	6.59		H	93.134 165 92	−61.474 076 91	A	4.31	0.35	11.22	1.03	0.81	0.78	0.88	0.79	−3	+16	+5	−26	−2	−20	−3	−33	−16	−2	1	−0.19
*29469		06 12 32.30	−22 33 39.1	8.27		H	93.134 588 52	−22.560 874 57		3.15	−5.78	6.80	0.47	0.64	0.97	0.63	0.78	−5	+9	−23	+12	−5	−5	−4	−14	+7	−1	0	0.70
*29470		06 12 32.29	−21 29 53.8	9.04		H	93.134 552 62	−21.498 280 22		5.14	−6.51	7.74	0.75	0.77	1.15	0.84	0.84	−33	+8	+11	+63	−29	+3	−25	+29	+16	−27	0	−0.34
29471		06 12 32.46	−22 22 48.2	8.32		H	93.135 268 21	−22.380 055 01		7.15	−13.02	−21.21	0.49	0.63	0.98	0.67	0.76	−6	+15	−20	+18	−5	+4	−2	−13	+7	−1	0	−0.33
29472		06 12 35.59	+47 25 13.7	7.51		H	93.148 303 74	+47.420 468 21		2.48	3.26	0.16	0.74	0.45	0.90	0.70	0.45	+8	+48	−11	+25	+37	−3	+37	+3	+13	+18	0	0.44
29473		06 12 36.27	−16 03 30.1	8.55		H	93.151 124 89	−16.058 359 99		1.10	0.93	−0.33	0.73	0.71	1.08	1.17	0.98	+3	+6	−13	−2	−24	+23	−16	−20	+12	+29	0	−1.28
29474		06 12 37.25	−25 16 07.1	9.19	2	H	93.155 215 94	−25.268 637 05		6.33	−1.19	−40.61	0.68	0.95	1.32	0.88	1.08	−2	+6	+11	+5	−4	+4	−5	−14	−8	−10	1	−0.53
29475		06 12 37.83	−32 13 24.8	8.67		H	93.157 644 23	−32.223 542 95		5.96	−0.52	−9.09	0.66	0.71	0.91	0.80	0.88	−7	+9	+0	+7	−2	+16	−4	+12	−15	−6	0	0.90
29476		06 12 38.35	−01 20 02.0	8.38		H	93.159 785 21	−01.333 901 86		−6.20	−3.37	1.54	8.77	6.90	9.58	8.30	7.04	+3	+15	−20	−40	−3	+1	−4	−50	+10	−10	0	
29477		06 12 39.00	−69 14 24.4	8.15		H	93.162 494 55	−69.240 122 00		5.25	−3.93	14.83	0.63	0.61	0.64	0.70	0.78	−10	+16	+5	−23	+17	+0	+20	+1	−12	−24	0	0.76
29478		06 12 39.85	+32 58 21.6	8.23		H	93.166 045 44	+32.972 655 78		1.38	−5.64	−2.72	1.07	0.69	1.16	1.46	0.85	+4	+27	−20	+22	−23	+4	−10	−35	+26	+14	0	−0.15
29479		06 12 40.58	−43 37 43.0	8.31		H	93.169 079 10	−43.628 616 05		19.82	−33.69	−145.08	0.63	0.67	0.73	0.66	0.91	−10	−24	+4	+0	+0	+10	−3	+30	+0	−1	0	−0.49
29480		06 12 40.81	−27 43 33.0	7.39		H	93.170 053 02	−27.725 821 63		6.71	−9.78	7.68	0.52	0.67	0.83	0.71	0.81	−11	+7	−7	−5	+6	+8	+3	−30	+8	−28	3	0.87
29481		06 12 41.68	+51 41 11.1	7.99		H	93.173 659 10	+51.686 406 62		3.29	6.02	−26.20	0.79	0.55	0.95	0.90	0.58	+18	+15	−7	+32	+28	−6	+24	−2	+3	+11	0	−2.34
29482		06 12 42.11	−27 44 45.9	7.91		H	93.175 467 21	−27.746 073 24		5.03	−16.36	−23.17	0.59	0.78	0.94	0.76	0.95	+1	+14	+5	+2	+1	+8	−6	−28	+4	−26	0	1.10
29483		06 12 42.33	−34 52 04.7	13.20	3	H	93.176 362 92	−34.867 969 41		2.78	−7.53	17.64	3.93	4.35	5.47	4.38	5.19	+1	+22	+15	+8	+2	+11	+1	−2	+2	−8	1	1.55
29484		06 12 42.92	+50 36 18.1	8.90		H	93.178 848 27	+50.605 034 88		7.02	5.92	−22.40	1.02	0.76	1.25	1.21	0.79	+19	+27	+6	+23	+25	+12	+22	−6	+3	+21	0	−0.03
29485		06 12 43.58	−36 37 55.1	8.18	2	H	93.181 598 21	−36.631 978 00		3.33	−7.15	−2.66	0.59	0.63	0.76	0.61	0.74	−10	+22	−16	+10	−3	+18	+1	−21	+3	−4	0	−1.68
29486		06 12 44.46	−48 19 28.8	10.42		H	93.185 258 43	−48.324 667 53		2.98	1.64	−7.58	1.00	1.17	1.17	1.07	1.40	+1	+16	−6	−3	+4	−18	+1	+39	−9	+5	0	0.29
29487		06 12 44.61	−02 30 17.3	6.62		G	93.185 871 67	−02.504 811 80		6.88	−26.28	−1.96	0.73	0.55	0.75	0.74	0.61	−13	+14	−4	−35	+22	+5	+20	−43	−11	−21	0	0.06
29488		06 12 46.33	−17 45 47.7	6.52	1	G	93.193 047 08	−17.763 240 81		3.48	−6.68	4.04	0.53	0.48	0.70	0.64	0.54	+8	+3	−3	+10	−50	+15	−46	+6	+10	+33	1	−0.74
29489		06 12 50.90	−10 17 21.1	7.61		H	93.212 096 17	−10.289 196 20		3.46	8.52	−1.29	0.76	0.65	1.10	0.84	0.78	−28	+50	−34	−43	+17	−40	+1	−34	−8	+3	0	0.01
29490		06 12 51.05	+65 43 06.6	5.36		H	93.212 719 86	+65.718 499 22		5.08	7.23	−31.75	0.40	0.40	0.61	0.45	0.43	+7	+11	−5	−24	+3	+6	+4	−15	−10	−10	0	−0.18
29491		06 12 52.75	+53 58 36.9	9.17		H	93.219 789 08	+53.976 925 25		0.19	−3.01	−1.36	1.03	0.71	1.19	1.27	0.82	+23	+19	+3	+23	+27	+0	+24	+10	+13	+5	0	1.09
29492		06 12 53.09	+21 15 36.5	9.80		H	93.221 209 79	+21.260 141 51		3.54	−4.88	−13.67	1.63	0.99	1.77	1.65	1.13	+10	+53	−16	−10	−29	−3	−12	−56	+17	+30	0	−0.67
29493		06 12 54.10	+13 08 40.6	9.13		G	93.225 408 96	+13.144 608 55		8.77	−19.53	2.75	1.23	0.79	1.43	1.50	0.95	−2	+44	−25	−10	−19	−15	−4	−52	+22	+21	0	0.32
29494		06 12 54.74	−49 24 43.6	9.09		H	93.228 073 21	−49.412 107 48		1.63	−1.83	−10.87	0.78	0.77	0.86	0.87	0.97	+5	+1	−17	−7	+5	+0	+5	+16	−17	+8	0	−1.68
29495		06 12 54.93	−27 44 06.1	8.04		H	93.228 892 56	−27.735 019 29		1.72	−1.20	−20.30	0.60	0.82	1.00	0.81	1.05	−9	+16	+6	+2	+4	+9	−1	−23	+2	−27	1	−1.34
29496		06 12 54.95	+09 02 08.9	7.96		H	93.228 967 99	+09.035 799 55		1.94	−2.75	−1.65	0.89	0.58	0.92	0.90	0.64	−1	+35	−2	−35	+2	−4	+1	−51	−7	+7	0	−2.10
29497		06 12 55.51	−08 43 44.6	6.91		H	93.231 273 06	−08.729 043 44		5.61	−3.66	−7.38	0.69	0.62	0.94	0.90	0.97	−12	+25	+3	−38	+6	−11	−3	−41	−30	−15	0	−1.73
29498	H	06 12 55.97	−49 03 17.0	8.71		H	93.233 217 27	−49.054 729 40	A	7.91	−47.82	167.56	1.02	0.99	1.00	1.18	1.12	+8	−7	−22	+4	+3	+7	+2	+24	−7	+0	1	−0.81
29499		06 12 56.56	+84 05 51.4	8.56		H	93.235 648 95	+84.097 622 55		3.73	−11.56	14.61	0.62	0.63	0.77	0.74	0.77	+11	+5	+0	+10	+1	+17	+2	+10	+14	+25	0	1.35
29500		06 12 56.92	+29 43 24.2	9.40		H	93.237 164 94	+29.723 384 26		7.27	12.88	−32.98	1.32	0.86	1.44	1.48	0.93	−24	+42	−28	−10	+2	−1	+11	−50	+20	−12	0	1.74

No.	Tycho Magnitudes					Colour Indices							Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag			Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3		44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
29401	6.092	0.005	6.189	0.007	*	−0.079	0.007	G	−0.06	0.01	H *		6.1594	0.0011	0.006	66	*	6.15	6.17		D	06117−0440	I 1	2 C A	AB	199	0.702	0.003	1.67	0.01	S
29402	10.698	0.030	9.843	0.022		0.750	0.029	T	0.79	0.02	L		9.9403	0.0021	0.029	250		9.88	10.01					1 S							
29403	8.094	0.010	8.115	0.012	A	−0.200	0.495	G	−0.04	0.07	B *		8.0228	0.0017	0.012	84	*	8.01	8.04		R	06118+0228	I 1	2 C A	AB	282	2.082	0.008	1.47	0.02	
29404	6.464	0.005	6.292	0.005		0.141	0.005	G	0.12	0.03	C		6.3270	0.0007	0.006	84		6.32	6.34		C			1							S
29405											T		10.9812	0.0047	0.034	74		10.90	11.03					1 S							G
29406	9.193	0.018	8.912	0.018		0.267	0.024	T	0.30	0.03	L		8.9787	0.0023	0.015	90		8.95	9.01		C			1							
29407	8.517	0.012	8.404	0.014		0.110	0.017	T	0.12	0.02	L		8.4385	0.0024	0.014	79		8.40	8.46		C			1							
29408	9.734	0.020	8.793	0.015	A	−0.300	0.495	G	0.86	0.06	L *		8.8325	0.0016	0.017	113	*	8.81	8.86		D	06118−4025	I 1	2 C B	AB	308	2.993	0.031	3.25	0.17	
29409	11.068	0.049	9.131	0.017		1.607	0.041	T	1.63	0.04	L		9.0776	0.0021	0.022	137		9.04	9.12		C			1 S							
29410	9.244	0.013	9.138	0.016		0.038	0.005	G	0.05	0.00	H		9.1932	0.0023	0.024	136		9.15	9.24		C			1							
29411	10.342	0.027	9.023	0.015		1.120	0.024	T	1.08	0.03	L		9.0781	0.0016	0.017	112		9.05	9.11		C			1							
29412	8.392	0.009	8.418	0.011		−0.019	0.013	T	0.00	0.01	L		8.4440	0.0012	0.011	143		8.42	8.46		C			1							
29413	11.939	0.087	10.000	0.024		1.609	0.072	T	1.63	0.07	L		9.9748	0.0026	0.025	187		9.92	10.02		C			1 S							G
29414	8.753	0.010	8.645	0.012		0.098	0.014	T	0.11	0.01	L		8.6673	0.0012	0.013	122		8.65	8.69		C			1							
29415	10.157	0.028	8.386	0.012		1.476	0.024	T	1.49	0.04	L		8.3609	0.0014	0.015	95		8.34	8.39		C			1							
29416	9.600	0.022	7.056	0.007		2.142	0.019	T	3.17	0.05	O		6.7752	0.0131	0.107	67		6.26	6.87		U 2 B			1 S							P
29417	4.804	0.003	5.026	0.004		−0.201	0.007	G	−0.21	0.01	H		4.9864	0.0014	0.007	75		4.98	5.00					1							S
29418	7.927	0.007	7.862	0.008		0.050	0.002	G	0.06	0.00	H		7.8895	0.0012	0.015	111		7.86	7.92					1							S
29419	8.113	0.007	8.156	0.008		−0.035	0.010	T	−0.01	0.01	L		8.1584	0.0017	0.017	163		8.12	8.19					1							S
29420	8.260	0.010	8.289	0.013		−0.022	0.015	T	0.00	0.01	L		8.2926	0.0018	0.012	74		8.27	8.32		C			1							
29421	8.042	0.007	7.527	0.005		0.484	0.008	T	0.56	0.01	L		7.5847	0.0008	0.011	241		7.56	7.61		C			1							S
29422	9.877	0.023	8.234	0.012		1.375	0.020	T	1.35	0.02	L		8.2517	0.0015	0.014	89		8.23	8.28		C			1							S
29423	9.932	0.024	8.780	0.015		0.990	0.022	T	0.97	0.02	L		8.8549	0.0021	0.017	103		8.81	8.89					1							
29424	7.798	0.011	7.789	0.012		0.013	0.015	T	0.03	0.01	L		7.8106	0.0011	0.008	60		7.80	7.83		D			1							S
29425	9.209	0.018	7.424	0.009		1.517	0.017	T	2.73	0.04	O		7.1401	0.0103	0.080	59		7.10	7.28		U 2 C			1 S							
29426	4.245	0.003	4.426	0.003		−0.180	0.010	G	−0.16	0.03	C		4.3991	0.0006	0.005	82		4.39	4.41			06119+1412	I 1	1							S
29427	8.524	0.011	7.441	0.008		0.953	0.006	G	0.94	0.00	H		7.4961	0.0009	0.009	117		7.48	7.51					1							S
29428	9.239	0.016	9.065	0.019	*	0.167	0.023	T	0.18	0.02	L *		9.1196	0.0021	0.016	82	*	9.09	9.15		D	06120+3531	I 1	2 C S A	AB	63	0.181	0.026	0.99	0.44	
29429	6.927	0.007	7.028	0.007	*	−0.101	0.010	G	−0.08	0.01	H *		7.0190	0.0012	0.008	81	*	7.00	7.03			06120+0723	H 1	2 C B	AB	268	0.342	0.055	3.35	0.53	S
29430	8.171	0.010	8.222	0.013		−0.031	0.010	G	−0.01	0.01	H		8.2178	0.0014	0.013	74		8.19	8.24					1							
29431	9.785	0.033	9.014	0.026	*	0.686	0.032	T	0.74	0.03	L *		9.1161	0.0026	0.020	104	*	9.09	9.17		D	06120−7431	I 1	2 C A	AB	81	8.699	0.005	0.40	0.02	
29432	7.642	0.008	6.936	0.007		0.642	0.007	G	0.71	0.01	H		6.9869	0.0009	0.007	83		6.98	7.00		C			1							S
29433	5.691	0.003	5.748	0.004		−0.071	0.008	G	−0.05	0.01	H		5.7467	0.0006	0.004	80		5.74	5.76		C	06120+1947	I 1	1							S
29434	4.775	0.003	4.933	0.003		−0.149	0.007	G	−0.12	0.03	C		4.9122	0.0007	0.005	74		4.91	4.92					1							S
29435	8.928	0.016	7.538	0.010	A	1.166	0.002	G	1.28	0.03	C *		7.5047	0.0013	0.013	76	*	7.48	7.53		D	06121+2930	I 1	2 C A	AB	337	6.697	0.018	3.28	0.09	S
29436	11.063	0.056	8.978	0.018		1.725	0.047	T	1.75	0.05	L		8.7928	0.0040	0.034	119		8.74	8.84		U 2			1 S							
29437	8.975	0.012	7.430	0.006	*	1.297	0.010	T	1.26	0.01	L *		7.4348	0.0010	0.012	162	*	7.41	7.46		D	06121−2603	H 1	2 C B	AB	228	0.458	0.029	3.45	0.12	S
29438	9.949	0.018	9.431	0.017	*	0.486	0.023	T	0.56	0.02	L *		9.4725	0.0022	0.025	192	*	9.43	9.52		C	06121+6505	H 1	2 C A	AB	109	0.239	0.028	2.23	0.28	
29439	7.355	0.006	6.855	0.006	A	0.481	0.006	T	0.55	0.01	L		6.9610	0.0260	0.059	100	A	6.84	7.00		D	06122−6532	I 2	1 C P A							S
29440	7.418	0.006	7.447	0.008		−0.043	0.002	G	−0.02	0.00	H		7.4581	0.0012	0.009	93		7.44	7.47					1							S
29441	11.116	0.067	9.210	0.024		1.583	0.057	T	3.15	0.98	Q		9.5075	0.2482	1.227	95		8.16	11.44	166.50	P 1 B			1							G P
29442	10.555	0.032	9.544	0.022		0.836	0.004	G	0.88	0.00	H		9.6410	0.0024	0.027	140		9.59	9.69					1							
29443	9.992	0.025	9.268	0.021	*	0.651	0.025	T	0.71	0.02	L *		9.3084	0.0024	0.021	109	*	9.28	9.34		D	06122−3645	I 1	2 C S A	AS	17	0.185	0.006	0.36	0.24	
29444	8.795	0.018	8.221	0.016	B	0.540	0.015	G	0.61	0.02	H		8.2381	0.0708			B				D	06122−6532	I 2	1 C I A							S
29445	8.941	0.014	8.766	0.017		0.168	0.021	T	0.18	0.02	L		8.7898	0.0025	0.016	71		8.77	8.82		C			1							
29446	7.393	0.007	7.483	0.012		−0.062	0.003	G	−0.04	0.00	H		7.4743	0.0016	0.010	77		7.46	7.49		C			1							S
29447	9.910	0.022	8.161	0.010		1.458	0.019	T	1.46	0.03	L		8.1416	0.0016	0.014	110		8.11	8.16					1							
29448	9.687	0.018	8.460	0.011		1.070	0.015	G	1.03	0.01	H		8.5022	0.0014	0.015	144		8.48	8.53		C			1							
29449	8.008	0.010	7.631	0.012	*	0.368	0.014	T	0.43	0.01	L *		7.5910	0.0010	0.012	179	*	7.57	7.61		D	06123−2515	I 1	2 C A	AB	185	1.064	0.004	0.84	0.01	S
29450	9.222	0.018	6.612	0.006		2.197	0.016	T	3.27	0.05	O		6.3298	0.0129	0.091	65		6.18	6.44		U 2			1 S							S
29451	7.925	0.010	5.983	0.004		1.646	0.009	T	2.02	0.03	O		5.8636	0.0016	0.010	72		5.85	5.88		M			1							S
29452	10.140	0.029	9.778	0.032		0.343	0.040	T	0.40	0.05	L		9.8824	0.0031	0.024	81		9.85	9.92		C			1							G
29453	9.155	0.014	8.814	0.015		0.323	0.019	T	0.37	0.03	L		8.8612	0.0027	0.021	97		8.83	8.91					1							
29454	12.759	0.357	10.622	0.080		2.000	0.020	G	1.99	0.02	J		10.5025	0.0041	0.028	71		10.46	10.54		C			1							G
29455	8.772	0.009	8.438	0.010		0.286	0.004	G	0.33	0.01	H		8.4768	0.0018	0.030	152		8.45	8.62	2.87	P 1 A			1							
29456	10.394	0.036	9.292	0.022		0.942	0.033	T	0.99	0.04	L		9.3724	0.0024	0.025	114		9.33	9.42		C			1							
29457	11.678	0.090	10.653	0.062		0.750	0.020	G	0.79	0.02	H		10.7381	0.0031	0.034	120		10.68	10.79					1							G
29458	10.713	0.040	9.069	0.017		1.382	0.036	T	1.35	0.04	L		9.0753	0.0022	0.024	131		9.04	9.13					1 S							
29459	10.391	0.023	8.940	0.012		1.195	0.020	G	1.15	0.02	H		9.0151	0.0018	0.023	175		8.97	9.06					1							
29460	9.301	0.017	7.686	0.009		1.352	0.015	T	1.32	0.02	L		7.6985	0.0009	0.009	101		7.68	7.72		C			1							S
29461	8.783	0.014	7.893	0.011		0.792	0.013	T	0.82	0.01	L		7.9692	0.0013	0.013	79		7.95	7.99		C			1							S
29462	10.728	0.038	8.928	0.014	*	1.160	0.040	G	1.50	0.08	S *		8.8751	0.0022	0.019	134	*	8.85	8.91		R	06125−3515	H 1	2 C S C	AB	296	0.163	0.094	2.15	1.54	
29463	9.842	0.027	9.400	0.027		0.417	0.035	T	0.48	0.04	L		9.4452	0.0024	0.017	77		9.41	9.47					1							
29464	6.675	0.003	6.854	0.006		−0.149	0.001	G	−0.15	0.00	H		6.8317	0.0007	0.007	113		6.82	6.84		C			1							S
29465	7.554	0.005	7.552	0.007		0.000	0.002	G	0.02	0.00	H		7.5693	0.0009	0.014	172		7.55	7.59		C			1							S
29466	8.043	0.007	7.501	0.006		0.500	0.006	G	0.57	0.01	H		7.5487	0.0010	0.013	150		7.53	7.57					1 G							S
29467	8.239	0.010	7.821	0.008		0.409	0.011	T	0.48	0.01	L		7.8820	0.0010	0.011	130		7.86	7.90		C			1							S
29468	6.558	0.011	6.635	0.011	*	−0.066	0.014	T	−0.04	0.01	L *		6.5788	0.0009	0.007	96	*	6.57	6.59		D	06125−6128	I 1	2 C A	AB	5	1.021	0.002	0.48	0.01	S
29469	8.235	0.007	8.263	0.009		−0.030	0.002	G	−0.01	0.00	H		8.2733	0.0013	0.012	160		8.25	8.30					1							
29470	9.182	0.011	9.061	0.013		0.109	0.016	T	0.12	0.02	L		9.0791	0.0014	0.020	166		9.04	9.12		C			1							
29471	8.569	0.008	8.343	0.009		0.210	0.012	T	0.23	0.01	L		8.3892	0.0013	0.014	166		8.36	8.41		C			1							
29472	7.548	0.007	7.505	0.007		0.044	0.009	T	0.06	0.01	L		7.5318	0.0010	0.008	104		7.52	7.55					1							S
29473	8.709	0.011	8.554	0.013		0.149	0.016	T	0.16	0.02	L		8.6050	0.0021	0.017	110		8.58	8.64					1							
29474	9.519	0.015	9.221	0.016		0.283	0.023	T	0.32	0.03	L		9.2690	0.0061	0.071	179		9.20	9.57	0.73	P 1 A			1							
29475	8.942	0.010	8.704	0.012		0.222	0.016	T	0.24	0.02	L		8.7411	0.0027	0.022	135		8.70	8.78					1							
29476	8.427	0.011	8.370	0.014		0.062	0.015	G	0.06	0.01	L		8.3992	0.0015	0.012	64		8.38	8.41		C			1 X							G
29477	8.301	0.010	8.172	0.012		0.117	0.014	T	0.13	0.01	L		8.1900	0.0016	0.012	94		8.17	8.21					1							S
29478	8.245	0.010	8.237	0.013		0.012	0.015	T	0.03	0.01	L		8.2409	0.0019	0.013	83		8.22	8.26		C			1							S
29479	9.114	0.013	8.380	0.011		0.658	0.013	T	0.72	0.01	L		8.4459	0.0016	0.015	111		8.42	8.47					1							
29480	8.617	0.009	7.481	0.006		0.977	0.008	T	0.96	0.01	L		7.5516	0.0013	0.013	146		7.53	7.58					1							S
29481	8.196	0.010	8.021	0.011		0.168	0.014	T	0.18	0.01	L		8.0471	0.0018	0.012	88		8.03	8.07		C			1							S
29482	9.167	0.012	8.011	0.008		0.993	0.011	T	0.97	0.01	L		8.0798	0.0016	0.016	149		8.05	8.11		C			1							
29483											T		13.3089	0.0245	0.219	61		12.60	13.59		U			1							D
29484	9.586	0.023	8.943	0.021		0.597	0.027	T	0.67	0.02	L		9.0265	0.0023	0.018	91		9.00	9.06					1							
29485	9.403	0.017	8.299	0.012		0.952	0.016	T	0.94	0.01	L		8.3385	0.0025	0.024	112		8.31	8.38		U 2			1							
29486	10.932	0.045	10.466	0.047		0.439	0.060	T	0.51	0.06	L		10.5119	0.0031	0.036	118		10.45	10.56					1							G
29487	6.693	0.006	6.630	0.006		0.051	0.007	G	0.06	0.01	H		6.6481	0.0009	0.006	68		6.64	6.66		C			1							S
29488	6.295	0.003	6.477	0.003		−0.166	0.002	G	−0.17	0.00	H		6.4584	0.0015	0.017	181		6.44	6.48	2.55	P 1 A			1							S P
29489	9.685	0.019	7.788	0.008		1.576	0.016	T	1.59	0.02	L		7.7207	0.0013	0.012	98		7.70	7.74					1							S
29490	7.114	0.005	5.504	0.003		1.344	0.005	G	1.30	0.03	C		5.5162	0.0005	0.006	172		5.51	5.53					1							S
29491	9.264	0.017	9.185	0.021		0.078	0.025	T	0.09	0.03	L		9.1994	0.0026	0.017	87		9.17	9.23		C			1							
29492	10.339	0.038	9.839	0.040		0.470	0.050	T	0.54	0.05	L		9.9063	0.0030	0.016	68		9.88	9.94		C			1							G
29493	9.921	0.026	9.183	0.021		0.630	0.020	G	0.70	0.02	H		9.2757	0.0024	0.019	76		9.24	9.31		C			1							
29494	10.583	0.037	9.232	0.020		1.145	0.033	T	1.11	0.03	L		9.2616	0.0020	0.017	95		9.23	9.29		C			1							
29495	9.188	0.012	8.119	0.009		0.926	0.011	T	0.92	0.01	L		8.2029	0.0014	0.016	147		8.17	8.23					1							
29496	7.844	0.010	7.955	0.010		−0.080	0.015	G	−0.06	0.02	H		7.9425	0.0012	0.009	95		7.93	7.96		C			1							S
29497	6.815	0.005	6.897	0.005		−0.070	0.015	G	−0.05	0.01	H		6.8917	0.0010	0.008	96		6.88	6.91		C			1							S
29498	9.911	0.021	8.812	0.014	*	0.949	0.019	T	0.94	0.01	L *		8.8750	0.0020	0.015	93	*	8.85	8.90		D	06129−4903	H 1	2 C A	AB	255	0.841	0.016	3.09	0.10	
29499	9.093	0.012	8.607	0.012		0.457	0.015	T	0.53	0.02	L		8.6559	0.0016	0.015	129		8.63	8.69					1							
29500	10.070	0.039	9.460	0.037		0.568	0.047	T	0.64	0.04	L		9.5252	0.0026	0.016	70		9.50	9.55		C			1							G

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Std. Err. $\alpha*$ mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Corr. (%) δ/$\alpha*$ (19)	π/$\alpha*$ (20)	π/δ (21)	$\mu_{\alpha*}$/$\alpha*$ (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/$\alpha*$ (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
*29501		06 12 58.29	+20 04 13.9	8.44		G	93.242 855 55	+20.070 538 08		−1.09	−9.97	−23.98	1.22	0.91	1.27	1.43	1.07	+41	+12	−32	−33	−55	+28	−41	−71	+39	+55	0	0.72
*29502		06 12 58.28	+07 16 40.0	7.00		G	93.242 829 23	+07.277 768 47		4.43	−26.09	−29.08	0.90	0.55	1.07	1.00	0.62	−3	+45	−25	−2	+18	−36	+8	−34	−8	+18	0	0.16
29503		06 12 58.38	+77 17 12.5	7.47		H	93.243 255 66	+77.286 796 75		5.14	−0.13	−2.58	0.43	0.51	0.66	0.41	0.61	+8	+25	+5	+1	+0	−4	+0	+2	+1	+8	1	0.48
29504		06 12 58.55	+35 20 54.3	8.24		H	93.243 951 57	+35.348 417 66		9.65	15.03	−18.02	0.97	0.64	1.15	1.23	0.68	−5	+28	−20	+1	−3	+30	+11	−43	+13	+21	0	−0.40
29505		06 12 58.68	−24 53 51.8	9.41		H	93.244 493 83	−24.897 730 39		2.46	5.70	9.66	0.72	0.98	1.45	0.85	1.21	−5	+2	−12	+17	−10	−13	−12	+10	+16	−7	1	−0.24
29506		06 12 59.01	+00 45 24.1	8.70		H	93.245 870 85	+00.756 684 90		1.97	−6.66	6.07	1.10	0.72	1.23	1.18	0.81	+24	+46	−8	−32	−16	−33	−20	−41	+0	+18	0	−1.27
29507		06 12 59.17	−28 27 49.2	7.28		H	93.246 523 28	−28.463 674 48		7.12	−2.12	20.63	0.46	0.59	0.71	0.57	0.72	−6	+2	−7	−17	+4	+10	+2	−30	+4	−27	2	−1.60
29508		06 12 59.40	+10 17 14.8	6.60		H	93.247 496 91	+10.287 430 69		3.90	−3.66	−6.32	0.90	0.59	0.94	1.31	0.76	+23	−12	−39	−44	−33	+38	−23	−51	+28	+58	0	0.20
29509		06 12 59.57	+06 00 58.6	6.45	2	H	93.248 193 50	+06.016 289 78		4.60	10.79	−13.10	0.82	0.56	0.90	0.98	0.67	−5	+33	+4	−4	+25	+1	+12	−42	−12	−26	0	0.07
29510		06 13 00.61	+27 25 54.8	8.39		H	93.252 524 47	+27.431 901 89		11.42	11.35	−36.04	1.21	0.91	1.51	1.50	0.96	−31	+52	−56	+21	−43	+35	+5	−57	+41	+25	0	−0.35
29511		06 13 01.05	+19 49 01.3	8.31		G	93.254 375 35	+19.817 036 45		4.47	7.15	−17.11	1.10	0.71	1.19	1.16	0.81	+4	+42	+0	−5	−10	+10	−3	−42	+5	+19	0	−1.56
29512		06 13 01.93	+07 32 03.6	7.95		H	93.258 025 46	+07.534 346 69		3.60	10.39	−14.72	0.99	0.63	1.08	1.23	0.74	−7	+13	−25	+19	+5	−20	+9	−38	−5	+15	0	−1.97
29513		06 13 02.81	−04 56 06.6	6.94		H	93.261 727 87	−04.935 155 17		8.46	7.56	−50.72	1.07	0.93	1.00	1.54	1.16	+46	+14	−37	−67	−58	+1	−53	−70	+18	+67	0	2.00
29514		06 13 03.01	−56 21 21.8	8.95		H	93.262 527 57	−56.356 055 47		2.78	4.07	10.12	0.79	0.66	0.84	0.95	1.02	−1	+4	−8	+13	−7	+10	−13	−41	−1	−10	0	0.58
29515		06 13 03.59	−80 18 34.8	9.04		H	93.264 952 65	−80.309 653 40		11.76	−25.51	24.91	0.73	0.71	0.81	0.75	0.98	−9	+34	+5	−13	+10	−5	+3	−18	−20	−23	0	0.08
29516		06 13 03.77	+03 30 32.6	7.50		H	93.265 702 21	+03.509 059 53		2.52	−3.58	−3.49	0.80	0.61	0.94	0.90	0.68	−4	+28	−23	−21	+9	−23	+0	−42	+0	−10	0	−1.13
29517		06 13 04.59	−41 56 54.6	8.53		H	93.269 105 05	−41.948 490 37		5.38	2.77	1.65	0.65	0.66	0.76	0.78	0.80	+7	−4	+9	−7	−19	+11	−20	+8	+13	+2	0	−1.15
29518		06 13 04.82	−30 34 14.5	8.94		H	93.270 088 28	−30.570 681 26		2.06	−2.53	−0.38	0.66	0.77	0.96	0.74	0.89	+0	+13	−10	+10	−9	+12	−8	−1	+0	−1	1	2.71
29519		06 13 05.02	+10 54 49.6	9.02		H	93.270 896 14	+10.913 790 00		0.74	2.52	−2.38	1.49	0.95	1.28	1.62	1.07	+35	+23	−28	−63	−50	+13	−40	−74	+21	+59	0	2.03
29520		06 13 07.40	−15 29 36.2	8.67		H	93.280 843 30	−15.493 397 55		2.05	−10.24	−0.35	0.79	0.77	1.13	1.09	1.02	−15	+4	−12	+5	−33	+13	−27	−10	+31	−4	0	−0.90
29521		06 13 09.57	−07 27 22.2	8.29		H	93.289 864 97	−07.456 161 98		0.42	4.49	−0.75	1.08	0.97	1.30	1.23	1.09	+11	+10	−29	−44	+7	−3	+2	−48	−10	−18	2	0.16
29522		06 13 10.84	+19 00 33.4	7.41		H	93.295 165 59	+19.009 279 20		3.34	−1.65	−8.67	1.05	0.55	1.14	0.95	0.62	−2	+63	−19	−14	−15	−1	+1	−51	+15	+23	0	−1.12
29523		06 13 11.99	+48 28 04.0	8.13		H	93.299 940 52	+48.467 789 99		3.97	−2.93	−12.08	0.83	0.52	0.96	0.90	0.54	+19	+35	−5	+27	+22	+5	+23	−2	+10	+25	0	1.42
29524		06 13 12.10	+00 09 31.9	8.62		G	93.300 431 47	+00.158 859 94		0.30	−5.29	−5.19	0.93	0.74	1.18	1.03	0.78	+2	+28	−35	−10	−5	−21	−14	−15	+4	−7	0	1.39
29525		06 13 12.46	+10 37 40.3	6.43		H	93.301 901 91	+10.627 865 88		55.20	78.11	−297.10	0.93	0.61	0.96	1.41	0.77	+28	−18	−39	−45	−36	+36	−28	−53	+29	+52	0	0.45
29526		06 13 12.58	−05 00 35.1	7.36		H	93.302 401 54	−05.009 747 08		6.94	−5.11	−1.37	0.84	0.69	0.97	0.93	0.76	+11	+19	−32	−41	+0	−16	−4	−46	+12	−5	2	0.52
29527		06 13 13.79	−30 05 10.5	7.99		H	93.307 461 29	−30.086 242 47		6.78	−13.81	2.56	0.55	0.61	0.80	0.67	0.71	+3	+12	−14	−7	−11	+14	−8	−2	+3	+0	0	0.82
29528		06 13 14.74	−37 15 00.6	12.69	3	H	93.311 405 98	−37.250 180 19		−5.15	7.93	10.65	2.45	3.16	3.41	2.62	3.87	−12	+17	−17	−5	−2	−1	−2	−25	+14	−11	1	0.29
29529	H	06 13 15.79	+09 35 52.8	7.84		H	93.315 772 31	+09.598 013 25	A	3.42	−2.80	5.30	1.44	1.03	1.23	1.42	0.95	−8	+25	−15	−25	+9	−2	+8	−47	+6	−1	1	−0.54
29530		06 13 15.82	−40 33 42.2	8.75		H	93.315 924 91	−40.561 720 51		2.13	−1.68	19.54	0.72	0.72	0.85	0.78	0.82	+1	+13	−4	+20	−2	+10	−5	−12	−4	−7	3	0.05
29531		06 13 17.79	−78 13 52.8	9.53		H	93.324 105 08	−78.231 334 96		7.28	74.32	111.68	0.75	0.91	0.87	0.84	1.22	−15	+2	+11	+2	−11	+9	−15	−3	−14	−25	0	−0.57
29532		06 13 18.16	+52 54 37.9	9.20		H	93.325 651 49	+52.910 516 65		9.06	30.34	−10.24	1.34	0.93	1.44	1.63	0.99	−13	+11	−7	+7	+49	−3	+43	−9	+3	−20	0	−1.17
29533		06 13 18.58	−10 38 38.2	8.06		G	93.327 418 66	−10.643 952 52		7.55	19.79	−23.56	0.73	0.67	1.01	0.77	0.75	−24	+44	−36	−32	+12	−24	+9	−38	+12	−11	2	1.04
29534		06 13 19.50	+33 09 39.2	8.73		H	93.331 257 50	+33.160 891 67		−0.44	10.57	−14.62	1.25	0.76	1.33	1.75	0.91	−11	+32	−16	+30	−27	+12	−9	−35	+24	+4	0	−0.48
29535		06 13 24.31	−15 08 52.3	8.87		H	93.351 276 70	−15.147 857 48		0.35	10.70	4.66	0.93	0.86	1.33	1.27	1.12	+14	+19	+0	−16	−27	+21	−26	−33	+1	+15	0	−0.44
29536		06 13 24.68	−15 23 02.8	6.85		H	93.352 834 14	−15.384 121 52		4.26	8.32	−9.01	0.59	0.53	0.84	0.80	0.68	+5	+20	−15	−9	−31	+24	−22	−30	+20	+10	0	1.45
29537	H	06 13 27.54	+10 14 52.9	7.82		H	93.364 766 86	+10.248 036 07	A	7.45	−1.04	−22.63	3.57	2.67	3.03	4.32	2.89	−6	+22	−45	−34	−7	+21	+13	−68	+42	+5	1	−0.03
29538		06 13 27.58	+55 35 05.9	7.95		H	93.364 927 65	+55.584 978 58		3.75	2.78	0.57	0.77	0.55	0.96	0.85	0.62	+4	+42	−1	−4	+30	−20	+34	−9	+23	−6	2	2.48
29539		06 13 28.22	−21 16 01.2	8.03		H	93.367 564 45	−21.267 009 63		4.69	4.49	−1.80	0.56	0.60	0.88	0.62	0.67	−31	+3	+3	+59	−30	−2	−28	+35	+1	−27	0	0.12
29540		06 13 30.44	+09 37 43.2	7.58		G	93.376 846 48	+09.628 661 64		2.74	2.69	2.55	0.88	0.54	0.93	0.99	0.64	−8	+40	−13	−12	+7	−4	+8	−32	−1	+10	0	−0.93
29541		06 13 30.49	+37 09 32.9	6.77		H	93.377 061 81	+37.159 133 99		2.12	−2.33	−3.35	0.77	0.50	0.84	1.15	0.61	−2	+10	−12	+20	+7	+19	+10	−32	+14	+4	0	1.28
29542		06 13 30.97	−56 04 27.5	9.50		H	93.379 031 52	−56.074 293 86		7.70	15.37	−7.82	0.95	0.77	1.00	1.23	1.20	−11	−9	−9	+4	−4	+15	−5	−35	−3	−16	2	0.35
29543		06 13 31.29	+17 45 08.4	10.61		H	93.380 381 45	+17.752 336 26		7.85	78.50	−308.75	2.23	1.63	3.17	3.31	1.93	−2	+25	−58	−3	−52	+51	−8	−64	+55	+48	2	1.24
29544		06 13 31.86	+14 01 00.5	7.72		H	93.382 758 55	+14.016 814 04		12.64	−28.74	−142.86	0.94	0.56	0.99	0.96	0.63	−9	+43	+0	−16	+12	−7	+14	−44	+1	+2	2	1.34
29545		06 13 33.25	+18 40 49.4	6.58		H	93.388 532 76	+18.680 385 50		3.55	9.57	−16.25	0.91	0.52	1.03	0.94	0.61	−9	+54	−32	+1	−11	+10	+12	−41	+26	+30	0	−0.05
29546		06 13 33.49	−29 23 44.7	6.52	2	H	93.389 531 51	−29.395 745 81		4.25	−13.08	1.43	0.46	0.54	0.72	0.63	0.70	+4	+4	−21	−8	−14	+26	−9	−18	+9	−5	0	−0.93
29547		06 13 33.71	−51 58 07.9	8.93		H	93.390 449 05	−51.968 868 12		1.20	3.90	−32.30	0.87	0.72	0.89	1.12	1.04	−9	−10	+1	−11	−17	−5	−22	+10	+1	+4	4	1.38
*29548		06 13 35.06	+63 23 40.7	9.67		H	93.396 080 65	+63.394 640 91		40.38	170.41	−204.43	1.00	0.96	1.41	1.17	1.15	−14	+6	−25	−17	+5	−3	+3	−35	+25	−30	0	−1.56
*29549		06 13 35.04	−13 28 00.0	9.23		H	93.396 004 56	−13.466 658 11		4.24	10.56	−29.66	0.91	0.82	1.31	1.34	1.07	+0	−2	−14	−28	−24	+16	−21	−42	+24	−17	0	−1.65
29550		06 13 35.56	−29 53 50.3	8.98		H	93.398 174 31	−29.897 303 23		18.20	148.18	13.97	1.49	1.68	2.18	1.83	2.03	−3	+12	−7	−19	−1	+18	+1	−17	+3	−5	0	
29551		06 13 35.82	−02 15 11.9	7.80	2	G	93.399 245 39	−02.253 312 78		0.88	0.94	−3.53	1.01	0.80	1.00	0.96	0.83	−39	+28	−26	−51	+37	−8	+38	−62	+5	−35	0	0.37
29552		06 13 36.58	−01 49 21.4	8.04		G	93.402 427 88	−01.822 616 61		6.40	4.51	−28.86	0.89	0.72	1.00	0.91	0.76	−1	+1	−16	−29	+6	−9	+4	−49	+2	−4	0	0.06
29553		06 13 38.91	−45 02 17.6	8.05		G	93.412 127 50	−45.038 215 02		5.08	3.91	2.28	0.56	0.59	0.64	0.58	0.66	−7	+11	+3	−17	−5	+1	−5	+4	−10	−12	3	−0.30
29554		06 13 39.28	+28 21 21.2	9.74		H	93.413 666 67	+28.355 886 94		4.14	−12.07	−23.45	1.47	0.97	1.58	1.57	1.02	−27	+44	−22	+5	+1	+14	+13	−40	+6	+1	0	−0.37
29555		06 13 40.45	−56 55 06.0	6.77		H	93.418 527 11	−56.918 322 91		6.09	2.37	−16.41	0.50	0.39	0.51	0.56	0.56	−7	+2	−8	+7	−1	−2	−9	−32	+13	−21	0	0.24
29556		06 13 40.49	+48 02 32.3	8.96		H	93.418 695 20	+48.042 312 94		2.38	5.94	2.24	0.89	0.60	1.08	1.02	0.65	+11	+28	+3	+21	+23	−1	+20	+2	+5	+4	0	−1.87
29557	H	06 13 40.53	−15 27 09.8	8.11		G	93.418 886 38	−15.452 715 72	*	3.76	−8.56	−0.61	0.76	0.71	1.05	1.17	1.06	+13	+19	−10	−15	−28	+0	−24	−31	+1	+32	0	1.29
29558		06 13 40.62	+24 40 29.6	8.53		H	93.419 263 31	+24.674 894 41		0.46	0.56	−11.07	1.16	0.69	1.24	1.27	0.78	−4	+42	+3	+8	−19	−5	−13	−34	+3	+0	0	0.14
29559		06 13 40.98	−66 40 48.6	7.28		G	93.420 740 28	−66.680 176 69		8.20	−2.36	55.33	0.54	0.53	0.57	0.39	0.64	−1	+19	−2	−69	+4	−15	+1	−10	−13	+8	2	0.47
29560		06 13 41.57	−23 20 57.0	8.46		H	93.423 193 72	−23.349 160 92		6.50	−4.62	9.52	0.42	0.72	1.05	0.58	0.87	−15	+14	−6	−1	+0	+0	+2	−9	+24	−33	1	1.13
29561		06 13 41.77	−51 40 02.9	6.85		H	93.424 033 94	−51.667 464 76		9.17	−5.60	−32.02	0.56	0.43	0.55	0.69	0.58	+3	−8	−18	−15	−7	+13	−9	+12	−6	+14	0	0.61
29562		06 13 41.98	−08 40 10.4	8.58		H	93.424 922 33	−08.669 568 81		3.35	2.05	−4.78	0.97	0.86	1.25	1.24	1.25	−1	+27	+9	−38	−6	−19	−10	−45	−12	−9	0	−0.34
29563		06 13 42.18	+08 42 44.6	8.09	2	H	93.425 745 74	+08.712 394 62		1.29	−1.34	−2.48	0.87	0.57	0.94	0.90	0.63	−5	+24	−12	−25	+3	−3	+3	−40	−8	+9	0	−0.27
29564		06 13 42.66	−66 47 59.5	9.14	2	H	93.427 769 76	−66.799 862 77		0.21	0.27	19.53	0.96	0.91	0.98	0.66	1.12	−5	+18	+4	−78	+9	−17	+8	−16	−21	+3	5	1.10
29565		06 13 43.16	+41 41 50.2	7.16	1	G	93.429 812 60	+41.697 268 04		5.75	−4.79	−7.56	0.84	0.58	0.93	1.24	0.70	+22	+22	+12	+1	−37	−17	−24	−36	+16	+21	0	0.29
29566		06 13 44.16	+19 20 00.1	7.76		H	93.433 983 76	+19.333 363 70		0.11	1.60	−3.21	1.18	0.69	1.22	1.12	0.78	+21	+55	−7	−20	−29	+7	−18	−56	+10	+32	0	−0.10
29567		06 13 44.66	−18 45 26.8	9.08		G	93.436 073 89	−18.757 434 40		3.34	2.25	0.52	0.88	0.81	1.14	1.02	0.88	+20	−1	+12	+1	−39	−1	−40	+16	−1	+36	2	0.63
29568		06 13 45.33	−23 51 43.9	6.37	1	H	93.438 857 43	−23.862 207 49		59.90	−47.06	110.90	0.32	0.53	0.75	0.45	0.62	−13	+15	−16	+19	−5	−1	−4	−18	+25	−23	0	0.67
29569		06 13 45.34	+51 10 21.4	6.07		H	93.438 930 97	+51.172 623 69		8.08	−2.07	−63.63	0.69	0.49	0.76	0.79	0.48	+26	+19	−5	+42	+44	+2	+37	+5	−6	+23	0	1.99
29570		06 13 48.24	+28 25 42.6	10.44		H	93.450 983 50	+28.428 488 58		3.99	−2.53	−20.86	2.01	1.46	1.95	2.38	1.56	−48	+21	+1	−31	+38	+21	+39	−65	−10	−39	2	2.23
29571		06 13 50.17	−01 03 40.7	7.97		G	93.459 035 23	−01.061 306 90		2.67	2.04	−10.93	0.80	0.57	0.87	0.74	0.59	+13	+38	−9	−23	−2	−14	−4	−39	+2	+7	0	1.15
29572		06 13 52.19	−37 33 35.1	8.10		H	93.467 478 37	−37.559 759 43		4.06	−2.02	8.13	0.56	0.68	0.73	0.64	0.74	−6	+14	−14	+19	−4	+5	−5	−19	+6	−12	0	−2.12
29573		06 13 52.72	+02 48 34.2	7.41		H	93.469 662 94	+02.809 497 22		16.16	63.43	−263.77	0.96	0.67	1.12	1.13	0.76	−3	+47	−18	−33	+17	−36	+4	−55	−1	−9	0	0.71
*29574		06 13 54.25	−66 10 25.9	7.67		H	93.476 031 42	−66.173 847 62		3.93	−24.46	16.36	0.56	0.68	0.64	0.54	0.88	−5	+11	−5	−34	+4	−8	+2	−19	−8	+2	0	0.49
*29575		06 13 54.24	−03 44 29.1	5.83		G	93.476 018 57	−03.741 422 88		10.36	−18.42	20.25	0.65	0.50	0.73	0.73	0.60	+7	+21	−8	−21	−3	−21	−9	−24	−5	−15	0	1.34
29576		06 13 55.02	+36 58 59.6	8.29		H	93.479 251 33	+36.983 220 54		1.94	−1.95	−5.47	1.10	0.70	1.13	1.57	0.81	+15	+14	+12	+21	+19	+13	+10	−34	−8	+6	0	2.56
29577		06 13 55.64	+41 28 03.7	8.24		H	93.481 830 08	+41.467 690 10		5.46	−7.26	−6.67	1.03	0.68	1.22	1.45	0.85	−5	+24	−17	+20	−31	+4	−10	−29	+37	+15	0	−0.17
29578		06 13 56.27	−06 49 23.3	7.47		H	93.484 479 15	−06.823 149 46		1.61	−1.08	−1.59	0.89	0.69	1.03	0.82	0.72	+8	+35	−32	−38	−13	−23	−23	−36	+3	−5	0	2.33
29579		06 13 57.11	−07 14 53.1	6.78		H	93.487 947 08	−07.248 082 16		5.99	−2.52	7.92	0.87	0.66	0.95	0.96	0.78	−2	+19	−25	−49	+3	−1	+1	−45	−9	−15	2	1.88
29580		06 13 59.05	+52 00 41.6	7.36		H	93.496 037 86	+52.011 547 31		15.10	17.98	−77.86	0.92	0.59	1.25	1.04	0.76	−12	+47	−23	+21	+27	+17	+52	−23	+38	+6	0	0.61
29581		06 14 00.50	+33 14 39.5	6.59		H	93.502 090 75	+33.244 296 33		1.62	−0.61	−8.93	0.83	0.54	0.89	1.04	0.60	+15	+29	−23	+9	−25	+4	−18	−37	+14	+23	0	−0.18
29582		06 14 00.65	+38 50 30.1	10.37		G	93.502 694 23	+38.841 707 15		20.95	2.67	−259.08	1.86	1.60	2.67	2.99	1.74	−11	+31	−54	+10	−55	+54	+2	−66	+52	+59	0	−1.38
29583		06 14 01.19	−61 28 23.8	9.48	2	T	93.504 941 56	−61.473 282 97		1.75	−15.54	33.99	0.94	0.83	0.95	1.03	1.04	−4	+22	+12	−25	−1	−22	−2	−11	−15	−1	0	−0.50
29584		06 14 01.53	+59 14 02.6	8.74		H	93.506 367 38	+59.234 066 02		4.36	−3.93	−13.00	1.11	0.92	1.25	1.42	1.20	−6	+13	+1	+13	+31	+1	+33	−15	+8	−2	0	0.35
29585		06 14 02.37	−41 16 57.4	9.02		H	93.509 886 71	−41.282 597 50		1.44	−1.18	−10.61	0.70	0.74	0.86	0.82	0.87	−2	+15	−12	+12	−7	+22	−5	−11	+7	−4	0	−1.13
29586		06 14 03.84	−33 11 38.2	9.28		G	93.515 983 70	−33.193 953 81		3.44	−14.01	−7.91	0.63	0.71	0.86	0.74	0.78	−8	+5	+16	+13	−3	+16	−7	−4	−4	−17	0	−0.30
29587		06 14 06.19	+20 10 11.0	8.62		G	93.525 796 41	+20.169 712 07		−0.70	1.63	−2.84	1.20	0.73	1.29	1.17	0.83	−12	+54	−20	+12	−10	+7	+9	−38	+19	+15	0	−0.94
29588		06 14 08.53	+67 50 15.5	7.69		H	93.535 525 66	+67.837 646 00		3.94	3.71	−15.56	0.57	0.63	0.94	0.68	0.71	+2	+10	−12	−15	−3	−8	+0	−6	+15	−9	0	−1.21
29589		06 14 08.93	+23 59 11.4	7.53	1	G	93.537 223 24	+23.986 494 52		4.60	−4.65	−18.91	0.87	0.54	0.90	1.01	0.64	+11	+38	−1	+18	−1	−3	+3	−13	+5	+19	0	1.25
29590		06 14 10.41	+02 34 28.6	7.82	1	H	93.543 384 31	+02.574 622 46		7.86	11.50	−1.40	1.07	0.64	1.20	1.08	0.75	+6	+57	−3	−2	+7	−18	−8	−35	−19	+4	0	0.09
29591		06 14 10.85	+17 06 01.8	8.68		H	93.545 210 30	+17.100 498 58		5.16	3.12	−11.83	1.19	0.71	1.38	1.27	0.80	−19	+44	−36	+8	−11	+30	+21	−42	+25	+39	0	0.68
29592		06 14 11.91	−34 15 17.9	8.82	2	H	93.549 610 51	−34.254 978 09		2.95	17.81	−6.26	0.68	0.84	0.98	0.76	0.95	−6	+12	−4	−4	+0	+19	+1	−32	+12	−9	1	1.65
29593		06 14 11.98	−41 39 38.3	7.70		H	93.549 903 01	−41.660 646 55		6.76	−29.67	45.86	0.53	0.54	0.65	0.61	0.64	+4	−11	−22	−10	−9	+25	−5	+5	+8	+3	0	0.98
29594		06 14 12.57	+03 54 08.2	7.32		H	93.552 389 94	+03.902 274 15		1.59	2.50	−0.50	0.77	0.56	0.90	0.77	0.58	+8	+26	−23	−21	+2	−17	−1	−41	−3	+19	0	0.58
29595	H	06 14 13.27	−51 35 04.9	9.25		H	93.555 275 57	−51.584 703 05	A	6.76	12.14	36.13	1.53	1.26	1.44	1.64	1.63	+5	−22	−16	−27	+1	+16	+5	+14	−6	+12	1	−0.19
29596		06 14 13.92	−49 48 56.4	8.81		G	93.557 987 15	−49.815 671 02		16.40	110.48	−217.73	0.71	0.68	0.80	0.78	0.83	−10	+29	−8	+0	−3	−20	−9	+14	−14	−9	0	0.09
*29597		06 14 14.08	+73 31 48.3	10.14		H	93.558 657 01	+73.530 082 47		0.87	7.69	−20.15	0.92	1.19	1.55	0.99	1.38	+18	+23	+1	+23	+10	+3	+12	+25	+9	+24	0	1.13
*29598		06 14 14.01	−53 22 39.1	8.41		H	93.558 380 18	−53.377 530 16		2.85	7.93	0.06	0.64	0.59	0.71	0.61	0.71	−4	+8	+1	−9	−5	+4	−8	−18	−5	−11	2	1.02
29599	H	06 14 14.70	+14 26 55.0	7.96		H	93.561 238 66	+14.448 616 32	B	4.20	3.59	−20.04	1.55	0.99	1.45	1.71	1.04	−8	+34	−16	−24	−21	+4	−7	−61	+14	+11	1	0.81
29600		06 14 15.04	+84 59 10.7	8.82		H	93.562 669 63	+84.986 318 28		15.64	102.96	147.68	0.64	0.65	0.78	0.75	0.81	−3	−6	−5	+13	+2	−1	+2	+7	+11	−3	0	2.22

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
29501	8.875	0.015	8.488	0.015		0.377	0.004	G	0.44	0.00	H	8.5316	0.0021	0.015	71		8.51	8.55		C			1							
29502	9.048	0.017	7.179	0.008		1.560	0.015	G	1.57	0.09	H	7.1331	0.0016	0.010	75		7.12	7.15					1							S
29503	8.680	0.008	7.575	0.006		0.953	0.008	T	0.94	0.01	L	7.6295	0.0010	0.013	167		7.61	7.66					1							S
29504	9.226	0.016	8.308	0.012		0.813	0.015	T	0.84	0.01	L	8.3961	0.0018	0.013	90		8.37	8.42		C			1							
29505	9.634	0.013	9.444	0.016		0.174	0.020	T	0.19	0.02	L	9.4696	0.0026	0.032	174		9.42	9.53					1							
29506	8.616	0.014	8.690	0.019		−0.063	0.021	T	−0.04	0.02	L	8.6820	0.0014	0.015	71		8.66	8.70		C			1							
29507	7.307	0.004	7.281	0.006		0.025	0.002	G	0.04	0.00	H	7.2947	0.0009	0.010	153		7.28	7.31		D			1							S
29508	6.488	0.004	6.571	0.006		−0.071	0.007	T	−0.05	0.01	L	6.5788	0.0009	0.006	74		6.57	6.59		C			1							S
29509	8.568	0.011	6.657	0.005		1.621	0.010	T	2.11	0.03	O	6.5214	0.0029	0.031	79		6.49	6.59		U 2			1							S P
29510	8.823	0.015	8.431	0.015		0.371	0.020	T	0.43	0.02	L	8.4718	0.0016	0.016	76		8.45	8.50					1							
29511	8.623	0.015	8.302	0.016		0.297	0.012	G	0.34	0.02	H	8.3907	0.0017	0.013	74		8.36	8.41		C			1							
29512	8.144	0.011	7.976	0.014		0.161	0.017	T	0.18	0.02	L	8.0074	0.0014	0.009	73		7.99	8.02		C			1							S
29513	8.406	0.014	7.078	0.007		1.127	0.012	T	1.09	0.01	L	7.1054	0.0011	0.008	71		7.09	7.12		C			1 G							S
29514	10.675	0.038	9.108	0.018		1.315	0.033	T	1.28	0.04	L	9.1039	0.0023	0.021	102		9.06	9.14					1							
29515	9.682	0.018	9.086	0.017		0.556	0.018	T	0.63	0.02	L	9.1649	0.0019	0.015	91		9.14	9.19		C			1							
29516	7.376	0.008	7.482	0.009		−0.092	0.011	T	−0.07	0.01	L	7.4789	0.0013	0.011	89		7.46	7.50		C			1							S
29517	8.987	0.012	8.572	0.012		0.409	0.015	G	0.48	0.02	H	8.6219	0.0020	0.019	118		8.60	8.66					1							
29518	10.999	0.043	9.082	0.015		1.591	0.036	T	1.61	0.04	L	9.0573	0.0028	0.025	151		9.02	9.10					1							
29519	9.098	0.015	9.011	0.019		0.085	0.023	T	0.10	0.03	L	9.0497	0.0021	0.012	75		9.03	9.08		C			1							
29520	8.682	0.011	8.672	0.014		0.010	0.016	T	0.03	0.01	L	8.6837	0.0020	0.017	130		8.65	8.72		C			1							
29521	10.093	0.034	8.448	0.016		1.376	0.030	T	1.35	0.04	L	8.4388	0.0015	0.014	70		8.41	8.47					1							
29522	7.322	0.007	7.400	0.008		−0.066	0.010	T	−0.04	0.01	L	7.3951	0.0013	0.008	85		7.38	7.41		C			1							S
29523	8.266	0.009	8.136	0.011		0.126	0.013	T	0.14	0.01	L	8.1770	0.0014	0.012	97		8.16	8.20		C			1							S
29524	8.667	0.012	8.627	0.015		0.077	0.015	G	0.09	0.02	H	8.6579	0.0016	0.018	77		8.63	8.69		C			1							
29525	7.251	0.005	6.504	0.005		0.663	0.005	G	0.69	0.05	E	6.5624	0.0011	0.009	80		6.55	6.58					1							S
29526	8.695	0.014	7.488	0.009		1.020	0.015	G	0.99	0.01	H	7.5243	0.0012	0.009	68		7.51	7.54		C			1							S
29527	8.213	0.008	7.999	0.008		0.198	0.011	T	0.22	0.01	L	8.0561	0.0017	0.017	141		8.03	8.09					1							S
29528											T	12.7767	0.0481	0.395	98		12.23	13.38	0.59	P 1 A			1							G
29529	8.040	0.009	7.883	0.011	*	0.151	0.013	T	0.17	0.01	L *	7.8888	0.0013	0.009	85	*	7.87	7.90		D	06133+0936	H 1	2 C A	AB	144	0.498	0.008	2.25	0.03	S
29530	9.215	0.015	8.795	0.015		0.397	0.020	T	0.46	0.02	L	8.8429	0.0022	0.018	110		8.81	8.88					1							S
29531	10.462	0.032	9.613	0.025		0.746	0.031	T	0.79	0.02	L	9.6679	0.0024	0.019	96		9.64	9.70		C			1							
29532	9.750	0.023	9.236	0.022		0.483	0.029	T	0.55	0.03	L	9.3085	0.0026	0.023	81		9.28	9.35		C			1							
29533	8.551	0.011	8.086	0.011		0.438	0.015	G	0.51	0.02	H	8.1492	0.0013	0.010	98		8.13	8.17		C			1							S
29534	9.132	0.018	8.757	0.019		0.355	0.024	T	0.42	0.03	L	8.8122	0.0021	0.015	79		8.79	8.84		C			1							
29535	10.646	0.037	8.983	0.015		1.390	0.032	T	1.36	0.04	L	9.0188	0.0013	0.017	125		8.99	9.05					1							
29536	8.131	0.007	6.964	0.005		1.001	0.007	T	0.98	0.01	L	7.0181	0.0010	0.008	133		7.00	7.03		C			1							S
29537	8.170	0.018	7.941	0.018	*	0.218	0.023	T	0.24	0.03	L *	7.8875	0.0016	0.010	70	*	7.87	7.91		D	06135+1015	I 1	2 C A	AB	208	0.924	0.004	0.17	0.02	S
29538	9.297	0.017	8.086	0.011		1.036	0.016	T	1.01	0.01	L	8.1137	0.0011	0.013	91		8.09	8.14		C			1							S
29539	7.933	0.006	8.019	0.007		−0.065	0.003	G	−0.04	0.00	H	8.0126	0.0013	0.013	169		7.99	8.04					1							S
29540	7.404	0.007	7.550	0.010		−0.130	0.015	G	−0.12	0.02	H	7.5384	0.0014	0.009	84		7.52	7.55					1							S
29541	6.763	0.005	6.767	0.005		0.001	0.006	T	0.02	0.01	L	6.7807	0.0009	0.006	75		6.77	6.80					1							S
29542	10.362	0.033	9.592	0.027		0.685	0.032	T	0.74	0.03	L	9.6393	0.0031	0.025	91		9.60	9.67		C	06135−5604	I 1	1							
29543	11.705	0.129	10.751	0.091		0.840	0.117	T	0.86	0.09	L	10.7665	0.0049	0.034	76		10.70	10.80					1							G
29544	8.363	0.010	7.782	0.010		0.543	0.013	T	0.62	0.01	L	7.8414	0.0013	0.009	88		7.83	7.86		C			1							S
29545	6.463	0.005	6.574	0.005		−0.085	0.003	G	−0.07	0.00	H	6.5590	0.0006	0.006	76		6.55	6.57					1							S
29546	6.385	0.004	6.503	0.004		−0.105	0.004	G	−0.09	0.01	H	6.4923	0.0011	0.017	130		6.47	6.53		U 2			1							S
29547	10.321	0.031	9.013	0.017		1.111	0.028	T	1.07	0.03	L	9.1020	0.0022	0.020	101		9.07	9.13		C			1							
29548	11.168	0.061	9.779	0.032		1.210	0.015	G	1.35	0.03	I	9.7904	0.0024	0.023	110		9.75	9.84					1							
29549	10.698	0.031	9.338	0.016		1.152	0.027	T	1.11	0.02	L	9.3983	0.0021	0.025	166		9.35	9.44		C			1							
29550	9.976	0.023	9.034	0.017		0.817	0.022	T	0.84	0.02	L	9.1186	0.0021	0.020	121		9.08	9.16		C			1 X							
29551	7.796	0.011	7.804	0.016		0.023	0.037	G	0.04	0.03	H	7.8047	0.0035	0.021	72		7.78	7.84		U 2			1							S
29552	8.576	0.014	8.081	0.013		0.485	0.015	G	0.56	0.02	H	8.1447	0.0013	0.012	76		8.12	8.16		C			1							S
29553	8.252	0.011	8.075	0.012		0.181	0.015	G	0.20	0.02	H	8.1033	0.0015	0.011	99		8.08	8.12		C			1							S
29554	10.296	0.038	9.790	0.038		0.476	0.049	T	0.55	0.05	L	9.8447	0.0026	0.025	78		9.81	9.89		C			1							G
29555	8.260	0.010	6.888	0.005		1.161	0.009	T	1.12	0.01	L	6.9390	0.0009	0.009	111		6.93	6.96					1							S
29556	10.801	0.052	9.094	0.021		1.425	0.044	T	1.41	0.07	L	9.0992	0.0017	0.014	105		9.08	9.13		C			1							
29557	8.530	0.010	8.158	0.010	*	0.382	0.015	G	0.45	0.02	H *	8.1877	0.0015	0.017	129	*	8.16	8.22		D	06137−1527	M 1	2 C S A	AC	211	0.142	0.013	0.56	0.40	S
29558	10.319	0.034	8.645	0.016		1.399	0.030	T	1.38	0.04	L	8.6779	0.0018	0.015	79		8.65	8.69		C			1							
29559	7.825	0.008	7.331	0.007		0.465	0.001	G	0.54	0.00	H	7.3883	0.0009	0.008	91		7.37	7.40		C			1							S
29560	8.537	0.007	8.467	0.009		0.063	0.010	T	0.07	0.01	L	8.4853	0.0014	0.016	218		8.46	8.52		C			1							
29561	6.946	0.005	6.851	0.006		0.072	0.002	G	0.08	0.00	H	6.8766	0.0009	0.007	104		6.87	6.89		C			1							S
29562	9.801	0.020	8.677	0.013		0.968	0.019	T	0.95	0.01	L	8.7456	0.0023	0.018	106		8.71	8.78		C			1							
29563	8.051	0.007	8.094	0.009		−0.036	0.010	T	−0.01	0.01	L	8.0815	0.0042	0.027	93		8.04	8.16		U 2			1							
29564	11.382	0.086	9.336	0.026		1.694	0.072	T	1.72	0.07	L	9.2425	0.0054	0.043	80		9.17	9.35		U 2			1 S							
29565	7.276	0.008	7.177	0.008		0.083	0.004	G	0.10	0.00	H	7.1995	0.0012	0.008	68		7.18	7.21	16.99	P 1 A			1							S P
29566	9.287	0.023	7.897	0.014		1.176	0.021	T	1.14	0.02	L	7.9303	0.0017	0.013	74		7.91	7.95		C			1							S
29567	9.206	0.012	9.088	0.014		0.100	0.020	G	0.11	0.02	H	9.1270	0.0020	0.023	133		9.09	9.16					1							
29568	7.237	0.004	6.445	0.003		0.713	0.006	G	0.76	0.01	H	6.5039	0.0011	0.013	232		6.48	6.53		U 2			1							S
29569	7.420	0.008	6.189	0.005		1.051	0.007	T	1.02	0.01	L	6.2375	0.0008	0.007	86		6.23	6.25		C			1							S
29570	10.868	0.065	10.497	0.071		0.351	0.090	T	0.41	0.10	L	10.5258	0.0042	0.028	77		10.48	10.56		C			1							G
29571	7.924	0.008	7.962	0.012		−0.034	0.003	G	−0.01	0.00	H	7.9651	0.0010	0.010	88		7.95	7.99		C			1							S
29572	9.552	0.016	8.214	0.010		1.135	0.015	T	1.10	0.02	L	8.2649	0.0012	0.013	116		8.24	8.29		C			1							
29573	8.667	0.013	7.503	0.009		0.992	0.013	T	1.04	0.01	L	7.5539	0.0008	0.008	70		7.53	7.57		C			1							S
29574	8.938	0.012	7.780	0.008		0.994	0.011	T	0.97	0.01	L	7.8349	0.0014	0.012	108		7.81	7.85		C			1							S
29575	6.995	0.006	5.931	0.004		0.910	0.038	G	0.93	0.02	A	5.9929	0.0007	0.006	83		5.98	6.00					1							S
29576	10.195	0.036	8.443	0.015		1.461	0.031	T	1.47	0.05	L	8.4223	0.0016	0.016	68		8.40	8.45		C			1							
29577	8.467	0.013	8.272	0.015		0.187	0.019	T	0.21	0.02	L	8.3003	0.0018	0.013	72		8.27	8.32		C			1 S							S
29578	7.408	0.008	7.464	0.008		−0.037	0.015	G	−0.01	0.01	H	7.4627	0.0025	0.014	71		7.45	7.48					1							S
29579	6.767	0.005	6.777	0.007		−0.004	0.008	T	0.02	0.01	L	6.7894	0.0013	0.010	69		6.77	6.81					1							S
29580	7.816	0.008	7.405	0.007		0.389	0.010	T	0.45	0.01	L	7.4510	0.0012	0.010	86		7.43	7.47		C			1 G							S
29581	8.798	0.015	6.793	0.007		1.661	0.013	T	1.68	0.01	L	6.6996	0.0009	0.009	86		6.68	6.72					1							S
29582	11.645	0.118	10.395	0.058		0.990	0.015	G	1.03	0.01	I	10.5101	0.0033	0.023	79		10.46	10.55					1							G
29583	10.021	0.027	9.534	0.027		0.330	0.020	G	0.42	0.02	A	9.6156	0.0436	0.219	88		9.37	9.89	0.49	P 1 A			1							
29584	10.544	0.040	8.891	0.019		1.382	0.035	T	1.35	0.04	L	8.8793	0.0029	0.021	75		8.85	8.93		C			1							
29585	10.417	0.027	9.107	0.015		1.113	0.024	T	1.08	0.03	L	9.1883	0.0018	0.018	119		9.15	9.21		C			1							
29586	9.513	0.015	9.293	0.017		0.215	0.005	G	0.24	0.01	H	9.3456	0.0019	0.018	142		9.32	9.38		C			1							
29587	8.509	0.013	8.610	0.017		−0.079	0.003	G	−0.06	0.00	H	8.5904	0.0022	0.020	80		8.56	8.64					1							
29588	9.511	0.014	7.842	0.007		1.395	0.012	T	1.37	0.01	L	7.8298	0.0014	0.014	143		7.81	7.86		C			1							S
29589	7.900	0.010	7.555	0.009		0.355	0.003	G	0.42	0.00	H	7.6122	0.0042	0.025	87		7.57	7.64	0.19	P 1 A	06142+2358	I 1	1							S
29590	8.058	0.008	7.854	0.011		0.195	0.013	T	0.21	0.01	L	7.8815	0.0024	0.021	72		7.85	7.92		U			1							S
29591	9.212	0.017	8.700	0.016		0.491	0.018	T	0.56	0.02	L	8.7875	0.0026	0.013	76		8.77	8.82		C			1							
29592	10.949	0.043	9.214	0.017		1.447	0.037	T	1.45	0.06	L	8.9454	0.0135	0.108	115		8.78	9.10		U 2 C			1 S							
29593	8.227	0.009	7.755	0.008		0.457	0.009	T	0.53	0.01	L	7.8035	0.0009	0.011	125		7.78	7.82					1							S
29594	7.238	0.006	7.317	0.007		−0.050	0.015	G	−0.03	0.01	H	7.3128	0.0008	0.010	92		7.30	7.33		C			1							S
29595	10.059	0.025	9.382	0.021	A	0.100	0.495	G	0.73	0.04	L *	9.3915	0.0024	0.023	106	*	9.36	9.43		D	06142−5135	I 1	2 C A	AB	232	1.056	0.014	2.16	0.05	
29596	9.648	0.020	8.872	0.016		0.712	0.010	G	0.76	0.01	H	8.9436	0.0016	0.014	93		8.92	8.97					1							
29597	10.589	0.031	10.169	0.034		0.397	0.042	T	0.46	0.05	L	10.2255	0.0031	0.037	176		10.15	10.28					1							G
29598	9.706	0.020	8.499	0.012		1.032	0.018	T	1.00	0.01	L	8.5807	0.0020	0.016	106		8.54	8.61		C			1							
29599	8.347	0.012	8.049	0.013	B	−0.100	0.495	G	0.28	0.06	L *	8.0345	0.0014	0.011	87	*	8.02	8.05		D	06143+1429	I 2	2 C B	BC	245	3.126	0.032	3.44	0.13	
29600	9.473	0.019	8.888	0.018		0.580	0.015	G	0.65	0.01	H	8.9453	0.0018	0.018	127		8.92	8.97		C			1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ α* (19)	π α* (20)	π δ (21)	μα* α* (22)	μα* δ (23)	μα* π (24)	μδ α* (25)	μδ δ (26)	μδ π (27)	μδ μα* (28)	Soln F1 % (29)	F2 (30)
29601	H	06 14 17.64	−17 28 47.5	7.91		H	93.573 500 08	−17.479 848 54	A	13.36	47.11	−70.81	1.64	1.47	1.85	1.40	1.21	+3	+10	+11	+13	−54	+24	−52	+4	+21	+31	0	0.37
29602		06 14 18.35	+14 29 37.0	7.27		G	93.576 458 65	+14.493 619 71		2.52	−8.37	−10.41	0.88	0.51	0.94	1.07	0.63	+3	+37	−5	+11	−13	−11	−10	−36	+12	−1	0	−1.04
29603	H	06 14 18.36	−26 09 48.7	8.34		G	93.576 494 10	−26.163 527 24	A	5.68	9.60	10.32	1.00	1.22	1.50	1.18	1.36	+1	+4	+11	+16	−4	+4	−2	+1	+4	−6	0	−0.50
29604		06 14 19.01	−19 31 31.4	7.56		H	93.579 198 95	−19.525 389 88		1.93	−1.31	1.10	0.61	0.58	0.87	0.61	0.59	+3	+11	−2	+7	−44	+9	−45	+18	+2	+8	0	−0.78
29605		06 14 19.78	+38 40 37.3	9.75		H	93.582 433 49	+38.677 029 74		4.70	−2.69	−38.91	1.46	1.22	1.87	2.35	1.39	+13	+15	−36	−3	−52	+46	−16	−62	+40	+59	3	−0.54
29606		06 14 20.39	+39 40 23.0	7.69		H	93.584 975 94	+39.673 049 14		9.52	2.57	−39.98	0.88	0.57	0.92	1.10	0.64	+8	+29	+2	+20	−19	+9	−6	−23	+12	+26	2	0.88
29607		06 14 20.63	−10 04 03.5	8.82		H	93.585 976 54	−10.067 627 91		2.91	−2.52	−4.76	0.98	0.87	1.32	1.12	1.08	−40	+41	−17	−47	+28	−32	+20	−55	−4	−33	0	2.31
29608	H	06 14 21.52	−49 06 44.9	9.00		H	93.589 669 29	−49.112 475 92	A	7.34	−13.32	−8.06	1.48	1.48	1.45	1.61	1.67	+6	−2	−4	+7	+11	+6	+12	+30	−2	+13	1	−0.30
29609	H	06 14 22.33	+51 09 59.4	8.04		G	93.593 044 17	+51.166 486 81	A	2.99	−3.12	−1.49	1.31	0.89	1.39	1.36	0.86	+8	+38	−6	+42	+21	+5	+23	−3	+8	+15	1	0.81
29610		06 14 23.87	−47 20 41.7	8.39		G	93.599 453 01	−47.344 908 72		6.35	−4.75	−6.19	0.63	0.64	0.71	0.72	0.80	−2	+1	−14	−1	+3	−3	+3	+19	−17	−1	0	1.00
29611		06 14 24.40	+05 10 07.6	8.39		H	93.601 652 81	+05.168 767 62		33.74	58.04	−285.51	1.24	0.75	1.33	1.20	0.89	+22	+52	+18	−15	−8	−4	−26	−47	−24	−11	0	−0.73
29612		06 14 25.23	−42 05 47.8	8.49		H	93.605 145 50	−42.096 601 05		−0.04	0.45	15.29	0.63	0.67	0.76	0.82	0.81	+1	+4	−15	+6	−8	+15	−5	+4	+1	+6	1	−0.65
29613		06 14 25.88	+00 51 35.2	8.79		H	93.607 828 40	+00.859 773 01		1.50	−0.32	−1.83	1.01	0.72	1.24	1.06	0.77	+14	+42	−10	−21	−1	−39	−12	−38	−8	+13	0	−0.75
29614		06 14 26.53	+11 48 49.0	7.64		H	93.610 547 45	+11.813 603 15		0.46	−4.50	−4.65	1.03	0.77	0.95	1.25	0.91	+44	+7	−24	−40	−55	+13	−48	−63	+24	+57	0	−0.45
29615		06 14 27.30	+32 28 22.7	9.03		H	93.613 763 52	+32.472 973 42		8.23	−22.78	−52.69	1.17	0.76	1.24	1.52	0.86	−9	+24	−7	+17	−15	−9	−14	−32	+5	−12	2	−0.76
29616	H	06 14 28.58	+17 54 23.0	5.86		H	93.619 104 15	+17.906 378 42	A	7.21	−2.89	−10.63	1.67	1.21	1.78	2.06	1.25	+9	+19	−43	−4	−28	+42	+0	−47	+47	+33	0	−1.06
29617		06 14 29.46	+30 46 57.3	9.17		H	93.622 757 15	+30.782 576 49		7.42	0.09	−32.55	1.36	0.97	1.59	1.84	1.14	−32	+42	−43	−6	−6	+5	+13	−64	+38	−20	0	1.07
29618		06 14 30.10	+04 32 35.2	7.03		H	93.625 433 41	+04.543 103 68		4.08	−4.71	−9.75	0.80	0.54	0.89	0.79	0.58	+4	+33	−11	−22	−2	−7	+0	−50	+5	+12	0	−0.64
29619		06 14 30.31	−29 36 15.5	6.98		G	93.626 271 78	−29.604 291 93		6.09	−9.31	0.13	0.58	0.73	0.80	0.69	1.04	−26	+18	−19	−26	+10	+7	+17	−51	−8	−13	1	1.51
*29620		06 14 31.14	+11 47 49.1	7.12		G	93.629 743 42	+11.796 975 86		3.60	−5.13	−17.86	0.98	0.71	0.96	1.15	0.83	+37	+17	−28	−39	−53	+13	−41	−68	+29	+55	2	1.00
*29621	H	06 14 31.17	+64 58 08.4	9.84		H	93.629 881 46	+64.968 991 70	*	4.57	1.78	−16.49	1.48	1.52	1.74	1.32	1.43	−18	+7	−7	−3	+1	+2	+1	−16	−5	−20	0	0.44
*29622	H	06 14 30.97	−53 04 46.3	8.81		H	93.629 023 18	−53.079 516 83	A	7.18	33.22	37.98	1.32	1.15	1.26	1.21	1.52	+0	−2	−6	−3	+2	+0	+4	+5	+2	−3	3	1.13
29623		06 14 31.97	+50 46 35.4	8.57		H	93.633 205 97	+50.776 496 25		1.66	−3.62	−1.36	1.00	0.64	1.10	1.18	0.67	+16	+12	−3	+38	+13	+6	+19	−24	+2	+29	0	0.41
29624		06 14 33.70	+03 29 27.6	8.64		H	93.640 433 85	+03.490 990 13		2.90	−5.91	−4.83	1.11	0.74	1.12	1.16	0.83	+25	+38	−14	−46	−21	−19	−19	−64	+2	+39	0	1.53
29625		06 14 35.02	−22 13 11.9	8.11		H	93.645 927 30	−22.219 968 83		2.33	0.35	−0.96	0.54	0.66	0.97	0.68	0.74	−12	+5	−5	+34	−18	−3	−15	+18	+4	−4	1	−0.10
29626		06 14 35.15	−33 37 13.7	10.70	2	G	93.646 470 12	−33.620 471 13		11.85	−67.08	156.83	3.06	3.50	4.21	3.47	4.37	−8	+12	+3	−9	+6	+24	+5	−18	−5	−7	0	
29627		06 14 35.24	−43 14 19.5	8.79		H	93.646 826 14	−43.238 745 86		3.50	−14.42	17.51	0.64	0.71	0.75	0.69	0.84	+5	−4	−3	−15	−8	+12	−10	+23	−3	+9	0	−1.23
29628		06 14 35.72	+27 36 49.5	8.31		H	93.648 827 64	+27.613 763 88		5.63	−0.03	−21.63	1.20	0.89	1.30	1.61	1.02	+18	+33	−22	−12	−42	+18	−22	−63	+11	+49	2	0.28
29629		06 14 36.71	−04 34 06.5	5.83	1	H	93.652 944 39	−04.568 463 15		5.28	−6.50	2.35	1.05	0.66	0.83	1.20	0.75	+26	−8	−32	−73	−15	+9	−8	−60	+12	+5	0	1.24
29630		06 14 36.86	+12 28 37.7	8.15		H	93.653 578 54	+12.477 151 24		5.17	5.00	−17.85	1.22	0.85	1.47	1.36	1.00	+22	+38	−41	−25	−56	+14	−25	−75	+46	+53	0	−0.58
29631		06 14 37.17	−35 27 09.0	9.54		H	93.654 862 54	−35.452 490 00		7.43	17.84	6.44	0.78	0.85	1.01	0.88	1.07	−12	+16	−2	+21	−6	+12	−8	−4	−8	−16	0	1.01
29632		06 14 37.33	+02 17 24.0	7.23		H	93.655 536 60	+02.290 000 27		2.12	−3.68	−4.71	0.83	0.58	0.98	0.93	0.66	−9	+49	−22	−20	+17	−32	+10	−45	+6	−6	0	−0.47
29633		06 14 39.88	+44 35 03.4	8.11		H	93.666 165 50	+44.584 264 28		7.34	11.71	−3.36	0.78	0.47	0.98	0.89	0.51	+7	+34	+5	+26	+31	−1	+29	+8	+16	−10	0	−0.40
29634		06 14 41.88	−12 53 18.9	8.56		H	93.674 481 31	−12.888 583 67		3.97	6.29	27.13	0.69	0.63	1.11	0.93	0.79	−4	+10	−14	−8	−38	+11	−33	−17	+16	−18	1	−0.48
29635		06 14 41.94	−73 37 35.6	6.61		G	93.674 755 95	−73.626 564 81		4.39	0.95	22.22	0.46	0.44	0.48	0.47	0.48	+3	+17	−3	−2	−17	+25	−16	+9	−7	−13	4	−0.67
29636	H	06 14 42.67	+14 35 10.9	7.02		H	93.677 780 37	+14.586 348 20	A	1.11	4.13	−21.75	1.87	1.20	1.82	2.01	1.27	−6	+43	−8	−17	−21	+2	−7	−59	+11	+13	6	0.82
29637		06 14 43.29	+16 02 13.4	6.66		H	93.680 365 00	+16.037 042 67		6.20	7.00	28.31	0.94	0.55	1.01	0.89	0.60	−2	+43	+3	+0	+16	+12	+20	−35	−7	+29	0	0.60
29638	H	06 14 44.00	−04 26 56.2	7.30		G	93.683 323 28	−04.448 931 63	A	3.83	−0.54	−3.24	1.84	1.13	1.27	1.82	1.17	+2	+6	−20	−64	+6	−5	+5	−60	+10	−23	7	0.32
29639		06 14 46.20	+57 46 28.9	7.57		H	93.692 490 69	+57.774 700 31		1.94	40.74	4.60	0.80	0.60	1.00	1.04	0.74	+23	+10	−17	+20	+10	−6	+11	−8	+30	+23	0	−0.55
29640		06 14 46.36	−02 58 05.5	8.77		H	93.693 172 13	−02.968 205 39		1.48	−1.01	−6.58	1.08	0.84	1.06	1.13	0.98	−26	+12	+2	−43	+33	−3	+34	−62	−20	−17	2	−0.23
29641	H	06 14 47.11	−00 32 29.5	8.43		H	93.696 277 74	−00.541 526 92	A	2.99	−4.77	−3.32	1.92	1.25	1.82	1.51	1.16	+10	+46	−16	−33	−6	−23	−11	−50	+12	−14	2	0.46
*29642		06 14 48.33	−30 10 12.7	8.96		H	93.701 355 00	−30.170 195 59		6.08	59.61	−27.63	0.70	0.94	1.09	0.88	1.22	−10	+15	−12	−16	+10	+13	+11	−36	+6	−15	1	1.85
*29643		06 14 48.30	−47 00 42.4	8.27		H	93.701 251 19	−47.011 790 14		2.38	3.32	−13.24	0.66	0.67	0.81	0.87	0.97	−4	−4	+2	+16	+6	+18	+7	+3	−39	−9	3	1.35
*29644		06 14 48.33	−19 43 41.8	8.70	1	G	93.701 385 59	−19.728 276 44		20.54	−126.48	−239.22	0.78	0.78	1.08	0.75	0.80	−1	+15	+1	+9	−49	+2	−51	+20	−3	−1	0	0.40
*29645	H	06 14 48.32	−01 43 06.3	7.86		H	93.701 352 12	−01.718 418 61	A	0.31	−0.25	−4.53	1.52	1.18	1.51	1.38	1.12	+12	+16	−19	−23	+16	−17	+8	−53	+9	−1	0	1.97
29646		06 14 49.13	−16 25 19.1	8.22		G	93.704 718 90	−16.421 967 31		3.04	−3.86	7.00	0.71	0.75	1.11	1.06	1.03	+17	−1	−21	−25	−26	+30	−20	−33	+28	+27	2	−0.50
29647		06 14 49.40	−48 24 35.1	8.55		H	93.705 851 22	−48.409 744 16		4.89	−0.95	7.18	0.60	0.66	0.69	0.65	0.82	+0	+11	−11	+5	+1	−12	−3	+30	−7	+7	0	0.51
29648		06 14 49.67	−12 20 34.6	9.10		H	93.706 959 51	−12.342 956 52		−0.56	−4.32	8.65	0.86	0.78	1.46	1.12	1.07	+3	+20	−9	−28	−23	+16	−23	−37	−5	+3	0	−0.05
29649		06 14 50.34	−70 35 52.3	9.35		H	93.709 734 31	−70.597 858 21		8.94	54.03	−106.02	0.81	0.77	0.81	0.94	0.98	−4	+16	+20	−37	−3	+3	+2	−3	−17	−28	3	−1.24
29650		06 14 50.94	+19 09 24.8	5.20		G	93.712 232 77	+19.156 889 49		47.33	−95.78	−181.59	0.79	0.48	0.86	0.85	0.56	+9	+47	−25	+8	−22	+10	+0	−40	+20	+46	0	0.19
29651		06 14 51.34	−06 16 29.0	3.99		H	93.713 901 94	−06.274 727 37		5.06	−6.18	−20.06	0.78	0.63	0.90	0.77	0.66	+24	+28	−40	−42	−19	−17	−21	−51	+28	+10	0	−0.14
29652		06 14 51.34	−62 17 02.8	8.32		H	93.713 929 87	−62.284 117 81		12.72	35.44	77.95	0.66	0.68	0.69	0.68	0.72	−13	+16	−4	+9	−19	+13	−20	−4	−2	−25	0	0.28
29653		06 14 51.88	−11 08 23.1	8.67		H	93.716 158 02	−11.139 742 89		3.93	−2.07	9.35	0.90	0.87	1.17	1.17	1.19	+2	+47	−23	−43	−20	−25	−17	−57	+4	+37	0	2.03
29654		06 14 52.30	−00 24 54.4	8.30		H	93.717 935 80	−00.415 112 27		1.20	0.15	−4.10	0.93	0.65	1.06	0.90	0.70	+12	+40	−14	−22	−2	−13	−6	−44	+9	−7	0	0.65
29655	H	06 14 52.70	+22 30 24.6	3.31	2	H	93.719 569 52	+22.506 823 76	A	9.34	−62.53	−10.24	2.24	1.58	1.99	2.46	1.57	−15	+50	−15	−32	−4	+11	+11	−59	+22	−8	3	3.00
29656		06 14 54.55	−28 44 26.6	8.39		H	93.727 289 91	−28.740 724 31		2.20	2.07	9.69	0.56	0.80	0.92	0.70	1.03	−6	−3	+1	−11	−2	+4	−7	−31	−2	−28	4	−1.61
*29657		06 14 54.69	−08 48 15.2	7.22		H	93.727 865 07	−08.804 224 05		3.25	−5.56	0.83	0.67	0.55	0.92	0.88	0.79	−24	+36	−21	−40	+7	−23	+1	−33	−2	−10	0	−0.27
*29658		06 14 54.67	−30 51 12.2	7.63		H	93.727 772 86	−30.853 381 48		9.55	−58.87	14.58	0.47	0.63	0.74	0.50	0.76	−1	+4	−10	+7	−8	+15	−7	−3	+4	+3	0	2.77
29659		06 14 54.73	+42 07 24.6	8.17		G	93.728 021 35	+42.123 513 86		15.67	−15.77	−77.58	0.96	0.64	1.16	1.34	0.84	+20	+16	+0	−6	−8	−1	−3	−41	+22	+23	0	−0.68
29660		06 14 54.78	−71 39 21.7	7.31	2	H	93.728 241 39	−71.656 029 83		2.01	−5.85	8.33	0.54	0.57	0.58	0.58	0.65	−5	+12	+4	−4	−14	+4	−15	+17	−15	−13	1	0.57
29661		06 14 55.76	+11 39 08.9	8.14		H	93.732 346 16	+11.652 462 48		2.47	−0.52	−4.03	1.06	0.77	1.05	1.29	0.93	+38	+16	−29	−39	−54	+7	−42	−70	+29	+59	0	1.74
29662		06 14 56.05	+37 52 19.7	11.34		G	93.733 545 15	+37.872 148 35		5.16	−77.40	−294.45	2.49	1.74	2.97	3.26	1.99	−13	+29	−32	+12	−6	+16	+13	−33	+22	+25	0	−1.02
29663		06 14 56.08	−07 42 15.7	8.21		G	93.733 652 45	−07.704 360 14		1.71	−5.62	0.43	1.04	0.81	1.13	1.18	1.03	+14	+31	+3	−41	+3	−13	−8	−53	−21	−14	2	−0.52
*29664		06 14 57.70	+75 21 21.5	9.57		H	93.740 398 83	+75.355 985 81		1.98	−1.50	4.44	0.76	0.99	1.20	0.96	1.15	+3	+11	+1	+18	+8	+13	+11	−12	−2	+16	1	1.28
*29665		06 14 57.63	+16 44 45.8	7.64		H	93.740 117 80	+16.746 043 51		11.62	−29.69	−22.03	0.97	0.56	1.05	0.99	0.64	−1	+43	−15	+1	−8	+17	+7	−38	+8	+36	0	0.33
29666		06 14 57.78	−72 29 48.1	9.00		H	93.740 738 88	−72.496 706 63		3.60	−0.69	−13.53	0.76	0.71	0.79	0.86	0.82	−6	+22	−14	−7	−12	+15	−13	+7	−21	−15	1	−1.85
29667		06 14 58.68	+46 23 44.8	7.52		G	93.744 509 98	+46.395 765 24		0.09	1.66	−0.98	0.77	0.52	0.94	0.85	0.52	−7	+32	−16	+10	+44	+7	+41	−4	+7	+0	0	0.30
29668		06 15 00.04	+27 53 30.2	9.31		G	93.750 178 18	+27.891 727 11		2.51	1.04	−1.97	1.39	1.07	1.59	1.82	1.15	+3	+23	−17	−13	−30	+35	−12	−62	+12	+31	0	−0.35
29669		06 15 00.37	+70 40 04.0	7.72		H	93.751 556 41	+70.667 785 76		4.79	−0.76	−29.76	0.34	0.55	0.79	0.37	0.60	+3	+11	+0	+15	+9	+1	+10	+9	+6	+8	0	0.91
29670	H	06 15 01.39	+76 30 19.4	7.81		G	93.755 810 68	+76.505 378 63	A	7.56	−9.97	−3.60	0.94	1.15	1.26	0.95	1.02	+10	+15	−9	−5	+8	+7	+8	+12	+2	+22	3	3.38
29671		06 15 01.69	−29 21 55.2	7.31		H	93.757 027 56	−29.365 345 32		9.04	3.17	−12.96	0.50	0.66	0.78	0.66	0.86	−1	+12	−5	−3	−1	+26	−5	−38	−3	−18	0	−0.32
29672		06 15 03.94	−08 37 37.8	7.57		G	93.766 424 44	−08.627 169 48		11.73	−90.83	6.41	0.73	0.61	0.94	1.00	0.89	−22	+24	−15	−39	+8	−16	+4	−39	−6	−6	0	−1.38
29673		06 15 06.05	−71 42 10.4	6.62		H	93.775 199 37	−71.702 898 13		31.95	−15.04	53.61	0.49	0.47	0.51	0.51	0.56	+1	+22	+2	−6	−11	+8	−14	+13	−16	−5	3	0.44
29674		06 15 06.09	+01 46 54.6	9.20	2	H	93.775 360 59	+01.781 821 77		5.70	4.41	−2.11	1.23	0.90	1.42	1.28	1.02	+16	+44	−3	−22	−6	−26	−10	−44	−1	+12	16	1.22
29675		06 15 06.31	+28 56 08.5	9.17		H	93.776 300 99	+28.935 692 96		4.18	1.67	−1.89	1.26	0.82	1.32	1.42	0.91	−33	+40	−23	−7	+15	−2	+22	−49	+15	−19	0	0.08
29676		06 15 07.23	−04 37 12.0	8.07		G	93.780 137 00	−04.619 988 77		5.61	−5.87	2.68	1.05	0.75	1.05	1.17	0.86	−15	+20	−34	−55	+21	−12	+20	−58	+9	−27	0	−0.35
29677		06 15 07.78	−43 01 55.0	9.65		H	93.782 420 72	−43.031 941 31		2.41	−0.65	13.18	0.76	0.93	0.96	0.80	1.11	+4	−7	−4	−7	−4	+7	−5	+13	−12	+11	0	0.25
*29678		06 15 08.46	+13 51 03.9	5.91		G	93.785 239 16	+13.851 072 61		2.38	24.21	10.65	0.68	0.43	0.72	0.76	0.49	+12	+31	+0	+4	+0	+7	+3	−32	−2	+23	0	1.39
*29679		06 15 08.40	−20 16 20.1	5.88	1	H	93.785 004 63	−20.272 260 37		3.51	2.37	30.66	0.46	0.44	0.63	0.50	0.46	+1	+12	+2	+15	−36	+6	−35	+20	+1	+3	0	0.86
29680	H	06 15 08.87	+25 27 54.1	8.83		G	93.786 941 36	+25.465 025 09	A	1.34	−4.21	−5.84	2.67	1.74	2.42	2.14	1.38	−6	+52	−23	−13	−29	+14	−13	−61	+11	+16	0	1.02
29681		06 15 10.32	+48 50 02.3	7.19	1	H	93.792 988 84	+48.833 976 27		1.86	−2.55	−1.53	0.69	0.46	0.81	0.74	0.48	+10	+35	−12	+23	+22	+3	+24	+0	+10	+18	2	0.12
29682		06 15 11.42	−62 22 11.9	8.32		H	93.797 603 75	−62.369 984 58		1.85	−3.41	6.77	0.68	0.72	0.71	0.70	0.75	−17	+18	+2	+11	−15	+11	−17	−7	−3	−29	0	−0.65
29683		06 15 12.05	+08 26 46.7	7.48		H	93.800 222 71	+08.446 313 38		4.39	22.53	7.58	0.79	0.52	0.88	0.83	0.58	−5	+24	−16	−11	+17	−13	+17	−29	−11	+19	0	−0.16
29684		06 15 12.60	−77 03 08.7	7.94		H	93.802 500 12	−77.052 405 43		8.30	−12.30	18.58	0.58	0.60	0.62	0.60	0.72	−2	+20	+13	−16	−8	−3	−7	−4	+0	−14	1	0.93
29685	H	06 15 13.63	+06 30 57.4	7.69		H	93.806 794 79	+06.515 949 70	A	4.59	0.42	−16.13	1.65	1.20	1.62	1.56	1.15	−6	+30	−20	−6	+12	−21	+13	−64	+23	−9	1	0.72
29686		06 15 13.95	−38 28 26.3	9.01		H	93.808 128 16	−38.473 976 79		2.19	−2.41	−0.10	0.67	0.83	0.91	0.75	0.98	+5	+18	+11	+25	+6	+16	+0	+0	−15	−7	0	−0.65
29687		06 15 15.44	+22 18 04.1	8.78	1	G	93.814 320 61	+22.301 137 90		2.19	−0.79	−1.00	1.65	0.88	1.78	1.58	1.02	−18	+61	−18	−5	+2	−5	+10	−48	+17	−15	0	1.27
29688		06 15 15.55	+31 28 21.3	8.53		H	93.814 791 74	+31.472 593 47		4.52	11.75	−10.41	1.14	0.78	1.17	1.70	1.00	−35	+27	−13	−8	+23	−12	+17	−51	+16	−51	0	1.34
29689		06 15 17.52	+22 17 41.8	10.30		G	93.822 998 12	+22.294 952 51		3.49	1.05	−0.99	3.18	1.59	3.38	2.82	1.82	−13	+69	−5	−16	+12	−6	+11	−59	+9	−23	6	0.81
29690		06 15 17.62	+42 08 34.3	8.92		H	93.823 409 34	+42.142 849 77		14.04	6.31	−56.69	1.18	0.81	1.41	1.64	1.02	+28	+31	+14	−20	−17	−14	−13	−50	+9	+21	0	−0.83
29691		06 15 17.66	+72 50 22.1	8.26		H	93.823 593 21	+72.839 467 83		3.13	−2.11	−9.88	0.48	0.67	0.91	0.52	0.75	+7	+5	+2	+9	+5	+27	+5	−10	+6	+9	0	0.16
29692		06 15 17.71	−18 28 37.2	5.99		G	93.823 795 33	−18.477 013 25		15.66	19.43	−61.46	0.57	0.55	0.71	0.93	0.80	+24	+10	+6	+3	−56	+3	−58	−5	−6	−11	0	−0.12
29693		06 15 18.17	−54 33 31.1	9.01		H	93.825 708 20	−54.558 651 64		2.42	3.07	25.13	0.78	0.62	0.85	0.86	0.82	+4	−4	−21	−2	−19	+31	−21	−33	+8	−5	0	−0.90
29694		06 15 22.01	+16 25 51.5	6.98		G	93.841 690 37	+16.430 976 00		2.75	23.24	−16.42	0.94	0.55	1.04	0.97	0.63	−3	+43	−15	−3	−8	+21	+10	−43	+12	+39	0	1.46
29695		06 15 22.38	−76 12 02.0	7.72		H	93.843 248 72	−76.200 542 02		3.12	−0.06	−6.81	0.59	0.57	0.62	0.60	0.66	−6	+16	−8	−22	+2	+14	+5	−12	+1	−19	1	−1.41
29696		06 15 22.74	+29 29 55.4	4.32		H	93.844 735 76	+29.498 712 24		19.31	−70.90	−261.73	0.82	0.48	0.83	0.93	0.56	−23	+41	−5	+22	+5	−12	+6	−15	+5	−24	0	1.11
29697		06 15 23.02	−34 57 05.2	8.30		H	93.845 921 18	−34.951 435 05		15.20	−19.15	−65.54	0.59	0.63	0.78	0.65	0.75	−12	+18	−5	−6	−2	+15	−4	+6	−8	−6	1	−1.36
*29698		06 15 23.71	−60 39 06.6	8.89		H	93.848 784 73	−60.651 843 99		2.98	2.59	−8.01	0.77	0.74	0.80	0.90	0.91	−5	+15	+6	+16	−2	−22	+0	+24	−1	−9	0	2.00
*29699		06 15 23.66	−11 54 16.1	6.60		H	93.848 572 05	−11.904 476 27		6.71	−0.92	15.10	0.64	0.53	0.91	0.72	0.66	−18	+44	−40	−32	−10	−4	−3	−42	+19	+15	0	0.55
29700		06 15 24.09	+09 45 32.9	8.64		H	93.850 369 21	+09.759 152 68		2.27	−0.52	−4.59	1.12	0.70	1.15	1.18	0.84	−5	+43	+4	−29	+8	−5	+0	−62	−8	−16	0	0.69

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags		AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61		62	63	64	65	66	67	68-70
29601	8.730	0.009	8.007	0.007	*	0.650	0.008	T	0.71	0.01	L *	8.0459	0.0010	0.013	179	*	8.02	8.07		D	06143−1729	I 1	2 C	A	AB	112	0.574	0.003	0.82	0.01	S
29602	7.289	0.008	7.256	0.007		0.024	0.015	G	0.04	0.01	H	7.2722	0.0009	0.008	86		7.26	7.28		D	06143+1429	I 2	1								S
29603	8.494	0.009	8.418	0.011	A	0.035	0.061	G	0.05	0.01	L *	8.4233	0.0014	0.018	159	*	8.40	8.45			06143−2610	H 1	2 C	B	AB	113	1.117	0.043	3.68	0.22	
29604	9.710	0.016	7.775	0.007		1.640	0.014	T	2.19	0.04	O	7.6246	0.0041	0.042	147		7.56	7.70		R 2			1	S							S P
29605	10.354	0.039	9.762	0.035		0.552	0.046	T	0.62	0.04	L	9.8670	0.0026	0.022	77		9.83	9.91		C			1								G
29606	7.866	0.008	7.724	0.012		0.137	0.014	T	0.15	0.01	L	7.7403	0.0013	0.011	71		7.72	7.76		C			1								S
29607	8.929	0.012	8.839	0.015		0.088	0.018	T	0.10	0.02	L	8.8561	0.0015	0.013	92		8.83	8.88					1								
29608	9.564	0.023	8.972	0.021	*	0.553	0.023	T	0.63	0.02	L *	9.1254	0.0024	0.020	92	*	9.10	9.16		D	06144−4907	I 1	2 C	A	AB	61	4.455	0.005	1.04	0.02	
29609	8.010	0.012	7.947	0.015	*	0.020	0.001	G	0.04	0.00	H *	8.0493	0.0011	0.013	87	*	8.03	8.07		D	06144+5110	I 1	2 C	A	AB	69	5.359	0.017	2.61	0.07	S
29610	8.945	0.012	8.455	0.012		0.465	0.015	G	0.54	0.02	H	8.4939	0.0017	0.014	103		8.47	8.52					1								
29611	9.526	0.020	8.484	0.014		0.876	0.002	G	0.92	0.00	H	8.5369	0.0027	0.017	80		8.52	8.57					1								
29612	10.398	0.031	8.673	0.013		1.439	0.027	T	1.43	0.04	L	8.6310	0.0019	0.017	108		8.60	8.66					1								
29613	8.970	0.016	8.828	0.020		0.137	0.024	T	0.15	0.03	L	8.8447	0.0022	0.018	78		8.82	8.87		C			1								
29614	7.679	0.009	7.622	0.009		0.060	0.015	G	0.07	0.01	H	7.6623	0.0017	0.012	76		7.65	7.70			06145+1148	I 2	1								S
29615	9.873	0.029	9.055	0.022		0.738	0.028	T	0.79	0.02	L	9.1773	0.0020	0.018	85		9.14	9.20		C			1								
29616	6.178	0.004	5.909	0.004	*	0.253	0.006	T	0.28	0.01	L *	5.9353	0.0004	0.004	78	*	5.93	5.94		D	06145+1754	I 1	2 C	A	AB	141	0.476	0.002	0.03	0.01	S
29617	9.754	0.027	9.233	0.026		0.489	0.034	T	0.56	0.04	L	9.2780	0.0017	0.016	72		9.24	9.31					1								
29618	8.210	0.011	7.146	0.008		0.922	0.010	T	0.92	0.01	L	7.1956	0.0008	0.009	86		7.18	7.21		D			1								S
29619	6.977	0.005	7.000	0.006		−0.013	0.002	G	0.01	0.00	H	6.9844	0.0009	0.009	129		6.97	7.01		C	06145−2936	I 1	1 G								S
29620	8.414	0.014	7.219	0.008		1.008	0.015	G	0.98	0.01	H	7.2843	0.0009	0.007	80		7.27	7.30		C	06145+1148	I 2	1								S
29621	10.194	0.021	9.867	0.023	*	0.310	0.029	T	0.36	0.04	L *	9.9174	0.0021	0.026	207	*	9.87	9.96		D	06145+6458	H 1	2 C	A	AB	184	0.283	0.005	0.34	0.07	G
29622	9.543	0.025	8.821	0.020	*	0.649	0.024	T	0.71	0.02	L *	8.9498	0.0015	0.018	106	*	8.92	9.00		D	06145−5305	I 1	2 C	A	AB	53	4.617	0.006	1.16	0.02	
29623	9.508	0.020	8.652	0.015		0.767	0.019	T	0.81	0.01	L	8.7227	0.0015	0.016	85		8.70	8.76		C			1								
29624	8.592	0.013	8.629	0.016		−0.029	0.019	T	−0.01	0.02	L	8.6351	0.0017	0.013	93		8.62	8.66		C			1								
29625	9.629	0.014	8.220	0.008		1.190	0.013	T	1.15	0.01	L	8.2734	0.0013	0.018	178		8.25	8.31		C			1								
29626	11.430	0.073	10.579	0.050		0.760	0.015	G	0.80	0.01	H	10.7781	0.0054	0.062	126		10.67	10.85		U 2			1 X	S							G
29627	9.232	0.014	8.834	0.014		0.377	0.018	T	0.44	0.02	L	8.8814	0.0019	0.016	117		8.86	8.91					1								
29628	9.690	0.024	8.418	0.015		1.083	0.022	T	1.05	0.02	L	8.4760	0.0016	0.014	72		8.45	8.51		C			1								
29629	5.624	0.003	5.804	0.005		−0.155	0.005	T	−0.15	0.01	L	5.7712	0.0013	0.010	76		5.76	5.79		M	06146−0434	I 1	1	S							S
29630	8.192	0.012	8.136	0.014		0.056	0.017	T	0.07	0.01	L	8.1747	0.0011	0.010	74		8.16	8.19		C			1								
29631	10.182	0.029	9.627	0.027		0.525	0.029	T	0.60	0.03	L	9.6564	0.0021	0.019	125		9.62	9.70		C			1								
29632	7.070	0.006	7.207	0.007		−0.119	0.008	T	−0.10	0.01	L	7.1904	0.0011	0.009	76		7.18	7.21			06146+0217	I 1	1								S
29633	8.402	0.009	8.137	0.010		0.244	0.001	G	0.27	0.00	H	8.1830	0.0010	0.012	130		8.16	8.20					1								S
29634	8.866	0.009	8.579	0.009		0.272	0.013	T	0.31	0.02	L	8.6290	0.0014	0.017	175		8.60	8.66		C			1								
29635	6.550	0.004	6.595	0.005		−0.038	0.002	G	−0.02	0.00	H	6.5925	0.0007	0.006	113		6.58	6.60					1								S
29636	6.927	0.012	6.953	0.014	*	−0.022	0.016	T	0.00	0.02	L *	7.0193	0.0010	0.011	85	*	7.01	7.04		D	06147+1435	I 1	2 C	A	AB	264	5.625	0.004	0.48	0.01	S
29637	7.860	0.009	6.770	0.005		0.942	0.008	T	0.93	0.01	L	6.8173	0.0012	0.007	76		6.81	6.84		C			1								S
29638	8.755	0.013	7.372	0.008	A	1.076	0.197	G	1.05	0.04	L *	7.3965	0.0012	0.010	76	*	7.38	7.41			06147−0427	I 1	2 C	B	AB	258	1.023	0.033	3.47	0.13	S
29639	9.513	0.018	7.744	0.009		1.474	0.016	T	1.49	0.02	L	7.7017	0.0015	0.013	94		7.68	7.72					1								S
29640	8.805	0.013	8.792	0.016		0.017	0.019	T	0.04	0.02	L	8.7836	0.0019	0.012	79		8.76	8.81					1								
29641	9.720	0.022	8.634	0.014	*	0.939	0.020	T	0.93	0.01	L *	8.5929	0.0019	0.011	90	*	8.58	8.61		D	06148−0032	I 1	2 C	A	AB	349	0.802	0.006	1.83	0.03	
29642	10.198	0.025	9.052	0.015		0.977	0.023	T	0.96	0.02	L	9.1071	0.0020	0.022	141		9.07	9.14					1								
29643	9.852	0.025	8.405	0.014		1.229	0.020	G	1.20	0.02	A	8.4352	0.0013	0.010	99		8.42	8.47					1								
29644	9.761	0.019	8.788	0.013		0.835	0.002	G	0.88	0.00	H	8.8493	0.0016	0.020	149		8.81	8.88		U			1								
29645	8.378	0.017	7.826	0.016	*	0.517	0.021	T	0.59	0.02	L *	7.9747	0.0014	0.014	87	*	7.96	8.00		R	06148−0143	I 1	2 C	A	AB	99	2.199	0.006	1.44	0.02	
29646	8.183	0.008	8.203	0.010		−0.034	0.005	G	−0.01	0.01	H	8.2207	0.0014	0.015	108		8.20	8.25		C			1								
29647	8.711	0.010	8.555	0.012		0.150	0.015	T	0.17	0.01	L	8.6017	0.0019	0.018	115		8.58	8.64					1								S
29648	10.241	0.023	9.218	0.016		0.891	0.021	T	0.90	0.01	L	9.2570	0.0022	0.023	135		9.22	9.31		C			1								
29649	10.246	0.029	9.403	0.023		0.741	0.028	T	0.79	0.02	L	9.4949	0.0023	0.016	95		9.47	9.52		C			1								
29650	5.733	0.003	5.257	0.004		0.430	0.000	G	0.50	0.00	H	5.2959	0.0005	0.004	74		5.29	5.31			06148+1909	I 1	1								S
29651	5.712	0.004	4.129	0.003		1.319	0.006	G	1.27	0.02	A	4.1466	0.0008	0.005	83		4.14	4.16		C	06149−0616	I 1	1								S
29652	8.983	0.013	8.390	0.012		0.554	0.013	T	0.63	0.01	L	8.4374	0.0025	0.018	104		8.41	8.47					1								S
29653	9.011	0.013	8.692	0.014		0.303	0.018	T	0.35	0.02	L	8.7433	0.0014	0.013	98		8.72	8.78		C			1 G								
29654	8.375	0.010	8.312	0.012		0.063	0.015	T	0.07	0.02	L	8.3297	0.0016	0.012	89		8.31	8.35		C			1								
29655	5.358	0.011	3.485	0.008	A	1.600	0.390	G	2.70	0.14	O *	3.2945	0.0053	0.076	62	*	3.20	3.43	233.00	P 1 B	06149+2230	I 1	2 C	B	AB	261	1.705	0.044	2.69	0.16	S W
29656	8.386	0.008	8.389	0.010		0.002	0.012	T	0.02	0.01	L	8.4019	0.0017	0.017	149		8.37	8.44					1								
29657	7.093	0.004	7.188	0.006		−0.094	0.009	G	−0.08	0.01	H	7.1892	0.0012	0.011	130		7.17	7.21					1								S
29658	7.991	0.006	7.658	0.007		0.307	0.002	G	0.35	0.00	H	7.7020	0.0011	0.014	147		7.68	7.73		C			1								S
29659	8.886	0.014	8.244	0.013		0.589	0.015	G	0.66	0.01	H	8.2992	0.0011	0.011	92		8.28	8.32		C			1								
29660	9.505	0.016	7.506	0.007		1.660	0.015	G	1.96	0.02	A	7.3960	0.0029	0.021	118		7.37	7.43		U 2			1								S
29661	8.070	0.009	8.130	0.011		−0.050	0.013	T	−0.03	0.01	L	8.1257	0.0013	0.010	83		8.11	8.14		C			1								
29662						0.654	0.024	G	0.72	0.02	H	11.4720	0.0051	0.043	68		11.41	11.57		C			1								G
29663	8.106	0.016	8.183	0.020		−0.082	0.015	G	−0.06	0.02	H	8.1926	0.0015	0.013	73		8.18	8.22		C			1								
29664	10.939	0.039	9.643	0.021		1.102	0.035	T	1.06	0.04	L	9.7414	0.0024	0.024	159		9.70	9.78		C			1	S							
29665	7.922	0.009	7.660	0.010		0.256	0.015	G	0.29	0.02	H	7.7062	0.0012	0.011	71		7.69	7.72		C			1								S
29666	10.344	0.033	9.135	0.019		1.034	0.030	T	1.01	0.03	L	9.1675	0.0027	0.018	101		9.14	9.19					1								
29667	7.445	0.006	7.519	0.008		−0.039	0.001	G	−0.02	0.00	H	7.5147	0.0013	0.012	110		7.50	7.53					1								S
29668	9.785	0.082	9.389	0.088		0.559	0.015	G	0.63	0.01	H	9.4293	0.0023	0.018	71		9.41	9.47					1								
29669	9.003	0.008	7.833	0.005		1.004	0.007	T	0.98	0.01	L	7.8906	0.0009	0.014	289		7.87	7.92					1								S
29670	8.492	0.009	7.933	0.011	*	0.554	0.015	G	0.63	0.01	H *	7.9339	0.0011	0.012	167	*	7.92	7.95		D	06150+7630	I 1	2 C	B	AB	190	0.960	0.008	2.08	0.04	S
29671	7.356	0.005	7.310	0.006		0.025	0.002	G	0.04	0.00	H	7.3286	0.0013	0.010	114		7.31	7.35					1								S
29672	8.188	0.007	7.629	0.007		0.539	0.015	G	0.61	0.02	H	7.6752	0.0013	0.012	127		7.65	7.70		C			1								S
29673	7.310	0.005	6.683	0.005		0.562	0.007	G	0.64	0.02	A	6.7395	0.0006	0.007	118		6.73	6.75		C			1								S
29674	9.619	0.026	9.238	0.027		0.361	0.035	T	0.42	0.04	L	9.2921	0.0040	0.035	90		9.23	9.34		U 2			1	S							
29675	10.705	0.058	9.285	0.028		1.199	0.051	T	1.16	0.05	L	9.3367	0.0034	0.016	76		9.31	9.36					1								
29676	7.924	0.009	8.022	0.012		−0.094	0.008	G	−0.08	0.01	H	8.0403	0.0011	0.011	79		8.02	8.06		C			1								S
29677	10.980	0.046	9.773	0.027		1.064	0.020	G	1.03	0.02	H	9.8149	0.0023	0.022	116		9.78	9.87		C			1								
29678	5.608	0.003	5.868	0.004		−0.231	0.003	G	−0.25	0.00	H	5.8291	0.0008	0.007	90		5.82	5.84		C	06151+1351	I 1	1								S
29679	7.580	0.006	6.022	0.003		1.322	0.003	G	1.28	0.04	E	6.0311	0.0009	0.012	141		6.02	6.05		U 2			1								S
29680	10.132	0.036	9.042	0.023	A	1.010	0.020	G	0.99	0.02	H *	8.9750	0.0023	0.018	72	*	8.95	9.01		R	06151+2528	I 1	2 C	A	AB	33	2.110	0.021	2.70	0.12	
29681	6.989	0.006	7.155	0.006		−0.152	0.006	G	−0.15	0.01	H	7.1370	0.0013	0.012	98		7.12	7.16		M			1								S
29682	10.045	0.023	8.470	0.012		1.321	0.020	T	1.28	0.02	L	8.4709	0.0013	0.015	114		8.45	8.50		C			1								
29683	8.787	0.012	7.585	0.008		1.029	0.011	T	1.00	0.01	L	7.6517	0.0012	0.011	101		7.63	7.69		C			1								
29684	8.240	0.009	7.979	0.011		0.245	0.015	T	0.27	0.02	L	8.0125	0.0010	0.010	110		7.99	8.03		C			1								S
29685	7.758	0.007	7.732	0.011	*	0.029	0.012	T	0.05	0.01	L *	7.7077	0.0010	0.007	96	*	7.70	7.72		D	06152+0631	I 1	2 C	A	AB	350	0.504	0.001	0.44	0.01	
29686	10.460	0.032	9.127	0.018		1.131	0.029	T	1.09	0.03	L	9.1734	0.0018	0.019	112		9.13	9.20					1								
29687	9.105	0.020	8.863	0.022		0.341	0.018	G	0.40	0.02	H	8.8639	0.0032	0.027	73		8.82	8.91		U			1								
29688	9.756	0.032	8.638	0.021		0.963	0.030	T	0.95	0.02	L	8.6982	0.0019	0.018	82		8.67	8.73		C			1	S							S
29689	10.782	0.131	10.097	0.096		0.400	0.015	G	0.47	0.02	H	10.3979	0.0042	0.032	70		10.33	10.44					1								G
29690	9.513	0.020	8.953	0.019		0.524	0.025	T	0.60	0.03	L	9.0361	0.0018	0.015	89		9.01	9.06		C			1								
29691	9.814	0.015	8.380	0.009		1.210	0.014	T	1.17	0.01	L	8.4241	0.0013	0.015	181		8.40	8.45					1								
29692	7.341	0.005	6.102	0.003		1.058	0.001	G	0.95	0.04	E	6.1494	0.0006	0.007	149		6.14	6.16					1 G								S
29693	10.088	0.026	9.119	0.018		0.851	0.023	T	0.87	0.02	L	9.1662	0.0021	0.017	106		9.13	9.19					1								
29694	9.026	0.023	7.156	0.011		1.554	0.020	T	1.52	0.03	C	7.1207	0.0010	0.009	78		7.10	7.14		C			1								S
29695	8.882	0.013	7.807	0.009		0.931	0.012	T	0.93	0.01	L	7.8779	0.0014	0.010	100		7.85	7.91					1								S
29696	5.633	0.004	4.439	0.002		1.021	0.001	G	1.04	0.00	G	4.4867	0.0008	0.005	77		4.48	4.49		C			1								S
29697	8.848	0.013	8.347	0.013		0.482	0.014	T	0.55	0.01	L	8.4040	0.0015	0.013	130		8.38	8.43		C			1								
29698	10.613	0.036	9.014	0.017		1.340	0.031	T	1.30	0.04	L	9.0355	0.0016	0.014	97		9.00	9.06		C			1								
29699	6.744	0.004	6.621	0.004		0.119	0.005	T	0.13	0.01	L	6.6494	0.0008	0.007	128		6.64	6.66					1								S
29700	8.585	0.012	8.642	0.016		−0.047	0.018	T	−0.03	0.02	L	8.6342	0.0012	0.015	95		8.61	8.66		C			1								

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ α* (19)	π α* (20)	π δ (21)	$\mu_{\alpha*}$ α* (22)	$\mu_{\alpha*}$ δ (23)	$\mu_{\alpha*}$ π (24)	μ_δ α* (25)	μ_δ δ (26)	μ_δ π (27)	μ_δ $\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
29701		06 15 24.14	+36 21 28.5	9.36		H	93.850 570 06	+36.357 908 73		9.44	2.60	−0.18	1.50	0.95	1.58	1.87	1.03	−28	+34	−13	−3	+15	+10	+26	−57	+18	−10	0	−1.63
29702		06 15 24.75	+25 20 01.3	7.30		H	93.853 144 60	+25.333 703 84		1.75	0.51	−2.97	1.15	0.68	1.25	1.13	0.77	−3	+59	−7	−2	−17	+17	−13	−53	−7	+12	2	2.75
29703		06 15 25.03	−15 47 50.3	9.06		G	93.854 308 26	−15.797 303 89		0.63	−1.82	−2.59	0.88	0.80	1.24	1.27	1.09	+13	+9	−9	−10	−31	+13	−25	−34	+5	+27	0	−0.24
29704		06 15 25.13	+16 08 35.5	5.34		H	93.854 695 68	+16.143 205 91		6.80	1.61	−12.66	0.87	0.51	0.93	0.72	0.52	−13	+46	+6	−4	+20	+13	+26	−40	−12	+26	2	1.58
29705	H	06 15 26.16	−09 02 08.7	6.09		G	93.858 984 95	−09.035 751 10	*	4.27	−13.31	−2.47	0.56	0.48	0.77	0.71	0.65	−32	+34	−16	−33	+14	−24	+9	−33	−1	−32	0	−1.07
29706		06 15 26.82	−01 23 59.3	7.15		G	93.861 769 21	−01.399 803 66		2.31	−5.29	−8.91	0.71	0.54	0.81	0.68	0.55	+13	+22	−27	−22	−7	−9	−10	−40	+6	+12	0	1.39
29707		06 15 27.90	+17 45 00.7	8.37	2	H	93.866 234 15	+17.750 207 06		0.01	11.05	−12.46	1.16	0.75	1.31	1.43	0.91	+1	+34	−32	−2	−21	+17	−2	−55	+28	+26	0	0.27
29708		06 15 28.05	−63 26 05.2	9.48		H	93.866 860 88	−63.434 764 64		3.33	−10.89	−0.22	0.74	0.79	0.80	0.84	0.88	−5	+8	+1	+13	−8	+10	−14	−25	−19	−19	1	1.30
29709		06 15 28.98	+02 08 17.5	8.98		H	93.870 756 50	+02.138 183 17		4.16	5.12	−16.28	1.33	0.87	1.51	1.30	0.98	−13	+55	−21	−30	+16	−23	+16	−60	+16	−14	0	1.27
29710		06 15 29.19	−32 32 05.1	8.18		H	93.871 639 41	−32.534 759 60		2.83	1.50	20.57	0.59	0.62	0.81	0.69	0.71	−4	+22	+3	+7	−10	+8	−11	+9	−6	−17	1	1.32
29711		06 15 29.66	−04 54 52.7	5.99		H	93.873 582 60	−04.914 635 74		15.03	22.68	−34.41	0.78	0.58	0.76	0.92	0.69	−15	−2	−28	−55	+24	+1	+24	−57	+10	−34	4	−0.12
29712		06 15 30.15	−39 19 55.9	8.63		H	93.875 612 25	−39.332 199 45		3.67	7.25	23.88	0.60	0.77	0.82	0.63	1.00	+8	+14	−1	+5	−7	+7	−10	−22	−23	+9	0	−0.18
29713		06 15 30.25	+03 57 29.5	7.02		H	93.876 024 23	+03.958 204 13		3.25	−5.92	−4.00	0.75	0.53	0.84	0.74	0.57	+13	+26	−15	−27	−6	−14	−4	−45	−1	+31	0	0.96
29714		06 15 31.42	+39 55 55.0	9.81		H	93.880 908 12	+39.931 943 92		5.96	4.10	−46.83	1.56	0.95	1.65	2.15	1.22	−15	+31	−2	+25	−15	+0	−7	−11	+19	−18	0	−0.37
29715		06 15 31.83	+00 50 06.0	7.36		H	93.882 629 47	+00.834 989 42		3.37	−3.89	−4.08	0.69	0.51	0.82	0.73	0.56	+7	+32	−18	−15	+3	−23	+0	−41	+3	+12	0	−0.88
29716		06 15 34.36	−00 30 42.0	5.62		H	93.893 155 34	−00.511 658 73		28.02	−158.04	−218.33	0.70	0.47	0.76	0.69	0.51	+18	+34	−10	−22	−4	−21	−14	−42	+4	−10	0	0.40
29717		06 15 35.03	−19 29 40.0	7.97		G	93.895 973 91	−19.494 432 26		1.93	−3.35	−2.30	0.60	0.57	0.83	0.62	0.59	+4	+18	+6	+21	−42	+5	−42	+17	−1	+12	0	0.45
29718		06 15 35.25	+45 36 37.9	8.51		H	93.896 866 05	+45.610 517 16		2.39	2.57	−16.34	0.85	0.54	1.01	0.95	0.54	−3	+27	−8	+25	+46	+6	+41	+8	+6	−12	0	0.80
29719	H	06 15 35.70	+07 39 08.2	7.54		G	93.898 760 68	+07.652 272 10	A	1.48	0.87	−2.31	1.11	0.88	0.97	1.16	0.76	−3	+20	−8	−9	−7	−27	−3	−48	−5	+29	1	−0.12
29720		06 15 36.17	+66 08 54.5	7.05		G	93.900 705 61	+66.148 483 18		26.36	20.21	4.71	0.47	0.50	0.72	0.53	0.54	+6	+13	−8	−13	−1	−2	+0	−9	+4	−6	1	−0.86
29721		06 15 36.32	+16 26 59.0	8.96		G	93.901 323 53	+16.449 730 18		5.47	45.73	−84.46	1.46	0.77	1.57	1.45	0.87	−4	+50	−12	−7	−11	+12	+4	−51	+8	+27	5	0.54
29722		06 15 38.48	−19 48 16.5	8.20		H	93.910 331 79	−19.804 576 87		10.07	58.08	−54.38	0.64	0.67	0.92	0.63	0.67	−10	+5	+2	+17	−47	−2	−48	+29	+3	−10	0	−0.79
29723	T	06 15 38.50	+36 08 46.1	7.46		H	93.910 421 75	+36.146 135 88	B	15.01	−73.33	6.12	7.18	4.56	4.66	6.84	3.73	−3	+9	−15	+30	−8	−4	+2	−27	+18	+10	11	2.49
29724		06 15 38.84	−57 42 06.0	8.88		H	93.911 833 47	−57.701 664 64		15.87	29.69	49.30	0.67	0.59	0.72	0.74	0.79	−10	+12	−7	+6	−6	+0	−10	−23	+12	−23	0	−0.50
29725	T	06 15 39.06	+36 08 55.3	6.86		H	93.912 731 42	+36.148 681 02	A	20.70	−58.49	3.77	2.73	1.88	2.44	3.60	1.96	−3	+24	−18	+6	−15	−1	−5	−44	+17	+7	11	2.49
29726		06 15 39.32	+67 09 04.1	9.12		H	93.913 815 57	+67.151 139 77		7.22	45.35	21.27	0.76	0.90	1.43	0.97	1.08	+4	+9	−10	+7	−4	−10	−3	+1	+32	−17	0	0.31
29727		06 15 39.47	−66 17 32.3	7.32		H	93.914 452 55	−66.292 301 15		3.02	3.54	12.53	0.52	0.60	0.58	0.41	0.75	−3	+14	+0	−58	+4	−12	+2	−17	−9	+4	0	0.37
29728		06 15 40.18	+06 03 58.3	6.07		G	93.917 405 86	+06.066 207 95		4.39	−0.79	−17.38	0.70	0.43	0.80	0.71	0.49	+1	+47	−1	−4	+4	−21	+2	−34	+1	−4	0	1.13
29729		06 15 40.46	−46 07 55.4	8.29		H	93.918 574 18	−46.132 068 83		2.45	−4.77	20.49	0.56	0.57	0.65	0.65	0.74	−8	+16	−8	−1	+2	+5	−2	+13	−23	−6	0	0.88
29730		06 15 40.51	+59 59 56.5	5.37		H	93.918 782 35	+59.999 034 22		6.54	28.54	−24.14	0.62	0.49	0.70	0.79	0.55	+22	+29	−10	+17	+4	+9	+9	−11	+6	+40	0	−0.78
29731		06 15 41.36	+18 17 51.0	6.61		G	93.922 333 79	+18.297 503 08		1.79	−16.69	−6.92	0.96	0.75	1.25	1.25	0.87	−1	+35	−54	−14	−45	+41	+0	−71	+50	+58	0	2.07
29732	H	06 15 41.50	−22 11 32.0	8.79	2	H	93.922 931 65	−22.192 231 00	A	0.69	5.24	0.63	2.37	2.30	2.36	2.02	1.81	−1	−2	−1	+21	−13	−2	−8	−5	+4	+0	2	1.36
29733	H	06 15 41.78	−20 12 06.1	7.59		H	93.924 102 72	−20.201 704 11	A	2.64	2.16	15.56	0.86	0.89	1.12	0.83	0.89	+0	+11	+1	+15	−42	−5	−45	+19	−1	+2	2	0.09
29734		06 15 42.17	+39 30 27.0	8.51		H	93.925 697 60	+39.507 507 81		1.57	3.31	−5.15	1.17	0.80	1.27	1.69	0.99	+10	+24	−19	+16	−22	+18	−1	−28	+15	+49	0	−1.31
29735		06 15 44.88	−13 43 06.2	5.00		G	93.936 994 98	−13.718 386 96		8.70	12.26	−11.08	0.58	0.53	0.90	0.87	0.62	+16	+2	−32	−25	−42	+45	−29	−45	+31	+8	1	0.85
29736		06 15 44.97	+12 33 03.9	5.44		H	93.937 359 31	+12.551 070 67		2.33	−3.21	−1.54	0.92	0.64	0.88	1.10	0.74	+44	+14	−27	−44	−59	+15	−46	−71	+27	+65	0	0.23
29737	H	06 15 45.02	+66 08 07.7	9.07		H	93.937 577 65	+66.135 475 30	*	5.89	4.34	−32.19	1.39	1.63	1.53	1.04	1.20	−5	+16	+7	−18	−4	−7	−1	+5	−2	−37	0	−0.39
29738		06 15 46.45	−06 12 30.4	7.48		G	93.943 522 24	−06.208 458 29		0.89	−1.06	−1.15	0.85	0.68	0.90	0.88	0.74	+33	+22	−29	−40	−27	−14	−31	−52	+19	+16	0	−0.47
29739		06 15 47.02	+04 17 01.1	6.63		G	93.945 900 33	+04.283 646 25		2.85	−4.49	−4.31	0.76	0.54	0.88	0.78	0.58	+6	+30	−14	−19	+1	−14	+2	−45	+0	+18	0	1.50
29740		06 15 47.07	−02 23 08.1	8.31		G	93.946 144 84	−02.385 574 84		−1.25	−11.12	−20.21	0.91	0.64	1.00	1.01	0.74	+10	+27	+5	−14	+4	−24	+2	−43	−5	+4	0	−0.51
29741		06 15 48.02	−45 55 57.4	9.48		H	93.950 082 57	−45.932 599 32		4.95	6.80	31.67	0.74	0.83	0.88	0.86	1.03	−12	+10	−9	+9	−1	+7	−3	+26	−22	−11	0	1.74
29742		06 15 49.99	+30 47 04.9	8.54		H	93.958 287 48	+30.784 700 89		2.52	−3.11	−1.53	1.21	0.73	1.29	1.50	0.88	−37	+49	−27	−1	+12	−20	+11	−41	+21	−43	0	0.23
29743		06 15 51.78	+42 02 06.4	7.49		H	93.965 761 23	+42.035 110 34		4.46	7.07	6.16	0.87	0.60	1.02	1.25	0.81	+29	+22	+0	−14	−15	+4	−10	−50	+25	+27	0	−0.95
*29744		06 15 52.96	+21 06 07.6	9.04		H	93.970 653 58	+21.102 100 48		1.36	1.32	−0.56	1.37	1.01	1.75	1.55	1.15	−10	+53	−54	−5	−50	+36	+5	−74	+49	+56	0	−0.23
*29745		06 15 52.94	−40 10 18.5	8.90		H	93.970 589 90	−40.171 798 75		3.65	4.23	0.05	0.67	0.78	0.86	0.64	0.87	−3	+11	−25	−3	−6	+14	−5	−17	−1	−7	4	−0.49
29746	H	06 15 53.98	+01 10 08.4	6.37		G	93.974 902 52	+01.169 004 67	*	10.76	−6.51	30.36	0.64	0.47	0.77	0.69	0.53	+4	+32	−9	−12	+8	−30	+3	−38	−1	+0	0	−0.71
29747		06 15 54.25	−59 09 11.1	8.94		H	93.976 032 05	−59.153 090 90		3.75	5.94	32.57	0.68	0.68	0.73	0.70	0.91	−2	−13	−8	+16	−4	−6	−4	−6	+3	+4	0	0.34
29748		06 15 54.69	+42 27 53.3	9.26		G	93.977 856 40	+42.464 815 51		7.06	1.34	−16.92	1.34	0.95	1.55	1.76	1.14	+37	+41	+35	−35	−9	−5	−15	−61	−10	+19	0	0.07
29749		06 15 54.78	+27 51 42.6	8.01		H	93.978 241 03	+27.861 828 61		3.92	10.27	−22.25	1.07	0.82	1.16	1.41	0.96	+15	+25	−29	−29	−39	+26	−17	−70	+25	+47	0	0.11
29750		06 15 55.75	−17 01 45.6	7.36		H	93.982 275 37	−17.029 343 66		4.10	0.37	8.94	0.60	0.58	0.90	0.79	0.69	+21	+3	−9	−15	−45	+27	−41	−23	+11	+38	1	2.27
29751		06 15 56.06	−44 25 35.1	8.71		H	93.983 595 65	−44.426 430 19		3.13	4.81	9.70	0.65	0.72	0.75	0.65	0.76	+2	−2	−4	−26	−4	−1	−1	+16	−1	−6	1	−1.70
29752		06 15 56.50	+10 16 54.5	6.84		G	93.985 400 48	+10.281 808 69		12.04	−19.89	−33.20	0.98	0.55	0.96	1.48	1.07	+12	+41	−10	−54	−17	−42	−29	−52	−15	+51	0	−0.28
29753		06 15 56.57	−44 37 10.8	8.57		G	93.985 712 70	−44.619 656 37		1.37	−10.60	9.47	0.60	0.61	0.68	0.59	0.66	−6	+15	−6	−20	−2	−2	−2	+4	−6	−8	1	−0.63
29754		06 15 56.58	−14 26 00.7	9.19		H	93.985 768 65	−14.433 513 92		10.12	−34.37	−130.17	0.89	0.76	1.20	1.29	1.02	+3	+14	−9	−37	−13	+26	−9	−48	+10	+7	1	0.87
29755		06 15 56.78	+60 50 45.7	10.79		H	93.986 571 41	+60.846 027 91		9.27	−22.35	−5.90	1.61	1.32	1.81	2.11	1.54	+22	+34	+0	−17	−18	−7	−13	−42	−1	+41	0	1.82
29756		06 15 57.17	−29 47 18.4	6.67		G	93.988 194 85	−29.788 433 76		4.93	−1.32	3.66	0.48	0.61	0.74	0.67	0.79	+0	+7	−16	−9	−1	+25	−1	−32	−3	−16	0	1.01
29757	H	06 16 00.14	+23 46 59.7	9.13	2	H	94.000 570 51	+23.783 249 17	A	−0.16	−3.06	−4.38	4.31	3.30	2.16	2.51	1.65	+11	+13	−16	−20	−31	+22	−26	−38	+33	+26	4	1.09
29758		06 16 01.00	+06 32 09.3	7.64		G	94.004 155 01	+06.535 915 01		5.35	−3.95	−7.15	0.88	0.53	0.96	0.85	0.59	+11	+42	−2	−4	−12	−6	−9	−43	+12	+6	0	1.36
29759		06 16 01.47	+37 43 21.8	8.92		G	94.006 122 59	+37.722 733 93		5.78	72.24	−351.30	1.23	0.76	1.31	1.42	0.81	+6	+43	−11	+21	−11	+20	+6	−31	+12	+37	0	−0.77
29760		06 16 01.70	+33 11 56.4	7.87		H	94.007 093 89	+33.198 986 65		3.34	−18.41	−5.22	0.89	0.57	0.97	1.06	0.61	+14	+32	−20	+1	−28	+10	−13	−42	+15	+37	2	−0.35
29761		06 16 02.70	+70 46 57.6	7.43		H	94.011 262 15	+70.782 652 78		38.89	−13.18	−443.07	0.34	0.50	0.74	0.37	0.54	+2	+12	−4	+14	+10	+2	+11	+5	+7	+7	1	1.04
29762		06 16 02.81	−50 58 37.8	8.94		H	94.011 706 83	−50.977 177 70		2.04	5.03	2.15	0.90	0.68	0.93	1.07	0.95	−9	+1	−16	−10	−1	+22	+1	−1	−2	+7	4	−0.47
29763		06 16 03.99	+59 12 54.4	6.59		H	94.016 629 91	+59.215 101 40		5.37	0.25	−23.43	0.72	0.52	0.78	0.80	0.57	+11	+27	−8	+29	+22	+1	+24	−4	+13	+15	0	−0.80
29764		06 16 04.84	+52 11 09.0	7.37		H	94.020 185 13	+52.185 823 17		3.19	−7.15	8.50	0.83	0.66	1.01	1.05	0.78	−7	+5	+0	−2	+46	−2	+39	−32	−4	−23	0	−0.76
29765		06 16 05.14	+00 52 33.8	8.03		H	94.021 411 67	+00.876 044 30		2.65	−3.23	−1.46	0.85	0.65	0.97	0.90	0.73	+22	+27	−9	−29	−11	−18	−13	−54	+4	+19	0	0.15
29766		06 16 05.20	+03 05 50.9	8.04		H	94.021 676 76	+03.097 459 64		6.04	2.57	−6.30	0.92	0.58	1.02	0.90	0.66	+7	+48	−3	−16	+11	−23	+15	−41	+0	+25	0	1.03
29767		06 16 06.08	+37 38 12.1	7.09		H	94.025 316 05	+37.636 689 79		4.51	12.98	−21.66	0.89	0.58	0.99	1.04	0.60	−15	+41	−34	+24	−7	+20	+21	−31	+19	+39	0	0.37
29768		06 16 06.41	−54 40 41.5	8.90		H	94.026 726 98	−54.678 185 04		6.59	15.11	−22.49	0.71	0.56	0.77	0.78	0.79	−1	+0	−6	+2	−12	+26	−20	−34	+2	−12	1	−1.73
29769	H	06 16 07.01	−52 34 14.0	9.77		H	94.029 209 18	−52.570 554 07	A	5.59	0.27	7.71	1.91	2.21	2.07	1.79	2.50	−5	+11	+11	+3	−8	−9	−9	+1	+4	−3	3	1.43
29770	H	06 16 07.60	−02 52 55.8	7.78		H	94.031 673 08	−02.882 174 84	A	2.70	−0.73	−1.68	1.53	1.11	1.30	1.33	1.09	−28	+12	+6	−54	+30	−9	+26	−69	−20	−28	1	−0.50
29771		06 16 07.70	−16 37 04.8	5.97	1	H	94.032 068 51	−16.618 008 65		3.90	−9.19	0.90	0.56	0.47	0.72	0.77	0.61	+12	+14	−11	−22	−30	+4	−23	−20	+25	+10	0	0.75
29772		06 16 08.38	−41 38 28.2	8.82		H	94.034 907 65	−41.641 162 38		10.76	−7.93	−131.02	0.66	0.78	0.84	0.73	0.93	+13	−1	−11	−8	−8	+16	−7	−5	−6	+11	0	1.74
29773	H	06 16 08.53	−24 17 44.7	11.66	2	H	94.035 526 97	−24.295 748 80	A	11.91	1.75	−189.22	3.06	3.59	4.69	3.43	3.80	+1	+5	−1	+1	−10	−9	−11	+3	+4	−3	4	0.55
29774		06 16 09.01	+38 50 56.2	8.84		H	94.037 551 37	+38.848 953 17		4.16	−1.08	−11.86	1.17	0.88	1.47	1.57	0.99	−23	+28	−38	+12	−35	+32	−4	−38	+35	+25	0	−0.47
29775		06 16 09.32	+19 03 18.6	7.74		H	94.038 827 49	+19.055 161 76		0.02	3.44	−3.31	1.00	0.69	1.09	1.22	0.82	−6	+31	−5	−2	−5	+15	+4	−54	+5	+11	0	1.27
29776		06 16 09.88	+31 21 11.2	9.62		H	94.041 179 12	+31.353 119 40		2.93	2.80	−17.88	1.44	1.04	1.60	1.97	1.25	−20	+29	−28	−3	−12	+3	−4	−47	+26	−24	0	1.01
29777		06 16 12.55	+56 56 05.3	7.48		H	94.052 277 66	+56.934 813 31		18.90	−208.58	−187.27	0.86	0.62	0.97	1.07	0.76	+34	+21	−9	+25	+31	+5	+34	+19	+27	+34	0	−0.89
29778		06 16 12.97	−34 03 16.4	7.86	2	H	94.054 048 85	−34.054 560 78		3.07	3.28	12.43	0.58	0.63	0.80	0.62	0.70	−1	+14	+3	+5	−8	+19	−8	+2	+5	−8	0	1.10
29779		06 16 13.01	+15 29 52.1	8.74		H	94.054 217 36	+15.497 794 56		0.84	−3.06	−3.03	1.38	0.73	1.49	1.13	0.77	+1	+60	+5	−17	−1	+11	+4	−59	−4	+21	2	0.30
29780		06 16 13.87	+05 06 51.0	7.16		G	94.057 790 70	+05.114 171 30		2.71	−5.68	−4.75	0.88	0.60	0.97	1.07	0.74	−9	+40	+3	−20	+26	+1	+16	−65	+7	−33	0	0.93
29781		06 16 13.92	−47 49 46.1	8.23		G	94.058 017 18	−47.829 485 50		2.18	−10.01	2.07	0.58	0.58	0.67	0.63	0.77	−6	+1	−2	−4	−1	−2	−2	+14	−17	−2	0	−0.63
29782		06 16 14.78	+00 00 55.0	7.47		H	94.061 572 42	+00.015 276 47		2.49	5.80	−3.64	0.80	0.56	0.93	0.76	0.60	+9	+41	−17	−21	−5	−19	−6	−47	+17	−4	0	2.49
29783		06 16 15.17	−59 13 07.5	7.76		G	94.063 221 49	−59.218 750 56		16.10	27.84	−209.57	0.60	0.64	0.66	0.68	0.85	−2	+3	+1	+18	−6	+13	−7	−2	+7	−2	0	−0.91
29784		06 16 15.57	−26 34 57.6	9.24		H	94.064 864 62	−26.582 654 51		0.64	−2.98	4.22	0.68	0.91	1.21	0.96	1.16	+3	−8	−12	+7	−9	−3	−10	−4	+4	−12	1	0.91
29785		06 16 16.29	−17 56 21.7	8.79		H	94.067 861 44	−17.939 349 64		2.04	−6.19	3.17	0.79	0.80	1.23	1.02	0.96	+12	+5	−14	+16	−46	+19	−38	+0	+2	+51	1	−0.39
29786		06 16 17.19	+19 36 09.4	8.94		H	94.071 611 88	+19.602 616 48		2.24	9.68	−11.64	1.33	0.81	1.42	1.49	0.97	+9	+48	+5	−2	−15	−2	−13	−53	+0	+7	0	−0.02
29787		06 16 17.89	+09 01 39.9	7.76	2	H	94.074 559 46	+09.027 737 00		2.38	−4.12	−9.04	0.93	0.60	1.00	1.00	0.69	−25	+36	−26	−27	+18	−13	+20	−57	+16	−18	0	−0.12
29788		06 16 18.84	−59 12 45.8	6.44		G	94.078 488 64	−59.212 733 58		27.50	−45.52	−316.87	0.48	0.47	0.50	0.54	0.60	+0	−3	−7	+20	−6	+6	−6	−12	+8	+0	0	−0.60
29789		06 16 19.05	+23 58 12.2	6.09		H	94.079 393 87	+23.970 047 71		7.48	−13.64	−8.59	0.77	0.50	0.84	0.87	0.57	−1	+35	−13	+5	−16	+10	−3	−37	+17	+18	0	1.90
29790		06 16 20.59	+30 06 09.1	6.91		H	94.085 788 42	+30.102 537 36		4.07	6.74	−23.95	0.86	0.50	0.89	1.15	0.63	−16	+24	+0	+31	+4	−28	+0	−11	+15	−33	0	1.60
29791		06 16 21.08	+01 04 49.3	6.63		H	94.087 814 54	+01.080 355 55		2.65	1.50	−3.78	0.62	0.45	0.74	0.66	0.51	+3	+36	−5	−12	+7	−28	+4	−39	+2	−2	0	−0.41
29792		06 16 21.28	−81 38 02.5	9.39		H	94.088 658 87	−81.634 041 25		17.05	−2.25	−9.48	0.83	0.90	0.92	0.99	1.13	−4	+6	−10	−17	+3	+6	+3	−29	+13	−19	0	−0.82
29793		06 16 22.20	+28 51 07.3	7.41	2	H	94.092 501 24	+28.852 014 34		4.13	−3.38	−15.10	0.89	0.56	1.00	1.05	0.69	−24	+44	−31	+9	−8	−7	+6	−33	+29	−9	0	−0.04
29794	H	06 16 22.92	−09 56 06.6	7.60		H	94.095 493 08	−09.935 160 29	A	1.07	−4.05	−9.70	1.24	1.06	1.33	1.32	1.12	−30	+24	+1	−50	+39	−18	+32	−66	−8	−44	3	0.45
29795		06 16 23.45	+53 29 06.4	8.81		H	94.097 707 36	+53.485 122 55		0.49	18.75	−28.06	1.11	0.81	1.32	1.30	0.92	+19	+21	−24	+36	+36	−12	+33	+21	+8	+15	0	0.45
29796		06 16 23.58	+18 48 25.6	8.76		H	94.098 269 43	+18.807 122 04		1.07	0.37	20.54	1.29	0.88	1.41	1.52	1.04	+4	+34	−17	−7	−23	+15	−4	−62	+13	+35	0	−0.27
29797		06 16 23.78	−06 11 10.1	8.54		H	94.099 074 20	−06.186 150 22		0.73	5.03	2.64	1.12	0.91	1.25	1.34	1.05	+24	+25	−35	−47	−19	−20	−24	−60	+16	+29	0	−1.52
29798		06 16 23.79	+17 10 53.9	6.39		H	94.099 134 45	+17.181 630 62		4.48	−0.27	−9.59	0.90	0.51	0.91	1.15	0.63	+5	+33	−15	+27	−8	+4	−4	−32	+12	+8	2	−0.64
29799		06 16 26.20	−15 02 13.0	10.02		G	94.109 156 08	−15.036 954 64		4.73	−10.34	1.37	1.06	1.00	1.66	1.64	1.42	+5	+9	−23	−13	−22	+23	−14	−33	+2	+22	0	2.10
29800		06 16 26.57	+12 16 18.2	5.04		H	94.110 708 45	+12.271 710 30		51.00	83.07	186.28	0.93	0.64	0.90	1.15	0.76	+43	+15	−28	−42	−58	+11	−44	−72	+26	+68	0	−0.57

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
29701	10.064	0.032	9.441	0.030		0.580	0.038	T	0.65	0.04	L	9.4834	0.0022	0.013	67		9.46	9.52		C			1							
29702	9.856	0.032	7.583	0.011		1.875	0.027	T	1.91	0.03	L	7.3897	0.0019	0.012	65		7.37	7.41					1 S							
29703	8.993	0.012	9.041	0.016		−0.045	0.005	G	−0.02	0.01	H	9.0557	0.0016	0.018	116		9.03	9.09		C			1							
29704	5.198	0.003	5.316	0.003		−0.101	0.004	T	−0.08	0.01	L	5.3072	0.0006	0.005	81		5.30	5.31		C			1							S
29705	5.986	0.003	6.072	0.003	*	−0.081	0.006	G	−0.06	0.01	H *	6.0723	0.0007	0.007	141	*	6.06	6.08		C	06154−0902	I 1	2 C S A	AB	261	0.110	0.012	1.40	0.62	S
29706	8.465	0.010	7.263	0.007		1.034	0.015	G	1.01	0.01	H	7.3251	0.0012	0.009	104		7.31	7.34		C			1							S
29707	10.342	0.037	8.647	0.016		1.443	0.033	T	3.09	0.05	O	8.2460	0.0068	0.093	82		8.14	8.43		U 2			1 S							
29708	9.866	0.022	9.527	0.024		0.322	0.030	T	0.37	0.04	L	9.5623	0.0023	0.019	116		9.53	9.60		C			1							
29709	9.216	0.017	8.977	0.019		0.228	0.024	T	0.25	0.03	L	9.0524	0.0021	0.015	82		9.02	9.09		C			1							
29710	8.224	0.008	8.179	0.009		0.041	0.011	T	0.06	0.01	L	8.1954	0.0014	0.014	129		8.17	8.22		C			1							S
29711	6.113	0.004	6.013	0.006		0.097	0.007	T	0.11	0.01	L	6.0283	0.0009	0.005	78		6.02	6.04			06155−0455	I 1	1 S							S
29712	10.289	0.026	8.783	0.013		1.267	0.023	T	1.23	0.02	L	8.7928	0.0019	0.019	122		8.77	8.83		C			1							
29713	6.848	0.005	6.993	0.006		−0.130	0.015	G	−0.12	0.02	H	6.9801	0.0009	0.008	101		6.97	6.99		C	06155+0357	I 1	1							S
29714	10.375	0.038	9.854	0.037		0.489	0.048	T	0.56	0.05	L	9.9153	0.0043	0.032	77		9.87	9.96					1							G
29715	7.219	0.006	7.341	0.008		−0.106	0.009	T	−0.09	0.01	L	7.3286	0.0013	0.009	98		7.31	7.34		C			1							S
29716	6.209	0.004	5.675	0.003		0.506	0.008	G	0.58	0.01	H	5.7306	0.0007	0.005	95		5.72	5.74					1							S
29717	7.913	0.007	7.942	0.009		−0.044	0.002	G	−0.02	0.00	H	7.9563	0.0014	0.013	151		7.94	7.99		C			1							S
29718	8.715	0.009	8.530	0.010		0.177	0.013	T	0.19	0.01	L	8.5710	0.0014	0.012	137		8.55	8.60		C			1							S
29719	7.480	0.007	7.512	0.009	*	−0.030	0.015	G	−0.01	0.01	H *	7.5293	0.0008	0.008	99	*	7.51	7.54		D	06156+0739	H 1	2 C A	AB	159	0.373	0.008	2.85	0.05	S
29720	7.602	0.006	7.098	0.006		0.508	0.015	G	0.58	0.02	H	7.1506	0.0013	0.011	153		7.13	7.17		D	06157+6609	I 2	1							S
29721	9.481	0.031	9.005	0.031		0.460	0.015	G	0.53	0.02	H	9.0697	0.0033	0.015	75		9.04	9.09					1							
29722	8.854	0.010	8.267	0.009		0.539	0.015	G	0.61	0.02	H	8.3172	0.0014	0.017	156		8.29	8.34					1							S
29723	7.909	0.009	7.496	0.012	B	0.390	0.014	T	0.46	0.01	L	7.5566	0.0123			B				D	06156+3609	I 2	1 C I A							S
29724	9.644	0.018	8.947	0.015		0.630	0.018	T	0.70	0.02	L	9.0136	0.0017	0.021	122		8.98	9.05					1							
29725	7.351	0.007	6.899	0.008	A	0.440	0.009	T	0.51	0.01	L	6.9638	0.0074	0.028	72	A	6.94	7.06		D	06156+3609	I 2	1 C P A							S
29726	10.395	0.026	9.237	0.017		0.994	0.024	T	0.97	0.02	L	9.2880	0.0029	0.026	138		9.24	9.34					1							
29727	7.206	0.006	7.289	0.006		−0.089	0.011	G	−0.07	0.01	H	7.2965	0.0010	0.010	96		7.28	7.32					1							S
29728	5.904	0.003	6.038	0.004		−0.124	0.005	G	−0.11	0.01	H	6.0278	0.0009	0.007	114		6.02	6.04					1							S
29729	8.348	0.008	8.290	0.010		0.052	0.011	T	0.06	0.01	L	8.3166	0.0011	0.010	109		8.30	8.34		C			1							S
29730	7.105	0.006	5.507	0.004		1.339	0.006	T	1.30	0.01	L	5.5184	0.0010	0.006	74		5.51	5.53			06157+6000	I 1	1							S
29731	8.700	0.013	6.790	0.006		1.586	0.011	T	1.61	0.01	L	6.7321	0.0018	0.011	72		6.72	6.75					1							S
29732	8.950	0.010	8.836	0.012	*	0.103	0.015	T	0.12	0.02	L *	8.8305	0.0030	0.031	166	*	8.77	8.88		U 2	06157−2212	I 1	2 C A	AB	81	0.368	0.003	0.22	0.03	
29733	9.136	0.012	7.730	0.007	*	1.188	0.011	T	1.15	0.01	L *	7.7596	0.0013	0.013	141	*	7.74	7.79			06157−2012	H 1	2 C C	AB	244	0.970	0.034	3.88	0.19	S
29734	10.011	0.030	8.634	0.016		1.165	0.027	T	1.13	0.02	L	8.6725	0.0018	0.017	76		8.63	8.72					1							
29735	4.903	0.002	4.990	0.002		−0.078	0.009	G	−0.05	0.02	A	4.9835	0.0005	0.006	136		4.97	5.00					1							S
29736	5.473	0.003	5.473	0.003		0.015	0.036	G	0.13	0.03	C	5.4850	0.0006	0.004	91		5.48	5.49		C			1							S
29737	9.498	0.017	9.070	0.017	*	0.404	0.022	T	0.47	0.02	L *	9.1607	0.0024	0.026	143	*	9.11	9.21		D	06157+6609	I 2	2 C A	BC	330	0.259	0.006	0.44	0.11	
29738	7.356	0.006	7.463	0.009		−0.091	0.015	G	−0.07	0.02	H	7.4617	0.0012	0.011	84		7.44	7.48					1							S
29739	6.416	0.004	6.595	0.005		−0.164	0.010	G	−0.17	0.01	H	6.5749	0.0008	0.005	94		6.57	6.58		C			1							S
29740	10.319	0.037	8.487	0.015		1.482	0.001	G	1.34	0.02	A	8.4907	0.0011	0.015	90		8.46	8.52					1							
29741	9.935	0.020	9.494	0.020		0.430	0.023	T	0.50	0.02	L	9.5761	0.0027	0.022	113		9.53	9.60					1							
29742	8.629	0.016	8.536	0.020		0.091	0.024	T	0.10	0.03	L	8.5764	0.0017	0.012	68		8.56	8.59		C			1							
29743	9.122	0.017	7.627	0.010		1.258	0.016	T	1.22	0.02	L	7.6510	0.0016	0.010	89		7.64	7.67		C			1							
29744	9.235	0.017	9.070	0.021		0.190	0.015	G	0.21	0.02	H	9.1027	0.0015	0.017	76		9.08	9.13		C			1							
29745	10.272	0.027	9.039	0.016		1.053	0.025	T	1.02	0.02	L	9.0711	0.0016	0.018	115		9.03	9.09		C			1							
29746	6.887	0.005	6.407	0.005	*	0.443	0.003	G	0.51	0.00	H *	6.4628	0.0008	0.007	97	*	6.45	6.47		C	06159+0110	I 1	2 C S A	AB	302	0.126	0.009	0.60	0.38	S
29747	9.244	0.015	8.970	0.017		0.258	0.023	T	0.29	0.03	L	9.0076	0.0024	0.020	114		8.98	9.04					1							
29748	9.562	0.018	9.234	0.019		0.331	0.015	G	0.39	0.02	H	9.3186	0.0018	0.017	102		9.30	9.35		C			1							
29749	10.023	0.034	8.173	0.014		1.538	0.029	T	1.59	0.06	L	8.1276	0.0018	0.011	69		8.11	8.15		C			1							
29750	8.465	0.011	7.458	0.007		0.879	0.010	T	0.89	0.01	L	7.5187	0.0013	0.011	119		7.50	7.55		C			1							S
29751	9.975	0.023	8.814	0.015		0.997	0.021	T	0.98	0.02	L	8.8720	0.0018	0.018	116		8.84	8.92					1							
29752	8.440	0.012	6.974	0.007		1.220	0.015	G	1.18	0.01	H	7.0025	0.0011	0.010	109		6.99	7.02		C			1 G							S
29753	8.416	0.010	8.536	0.013		−0.100	0.005	G	−0.08	0.01	H	8.5287	0.0012	0.014	107		8.50	8.56					1							
29754	9.913	0.021	9.232	0.019		0.618	0.021	T	0.69	0.02	L	9.3161	0.0015	0.014	124		9.28	9.34					1							
29755	11.451	0.093	10.755	0.085		0.642	0.103	T	0.71	0.09	L	10.9208	0.0055	0.035	69		10.87	10.99		C			1							G
29756	8.666	0.010	6.834	0.005		1.545	0.001	G	1.61	0.00	H	6.7948	0.0010	0.009	130		6.78	6.82					1							S
29757	9.342	0.022	9.196	0.027	*	0.133	0.033	T	0.15	0.03	L *	9.1814	0.0022	0.025	82	*	9.14	9.49		U 2 C	06160+2347	I 1	2 C A	AB	35	0.337	0.010	1.30	0.08	
29758	8.062	0.009	7.670	0.008		0.379	0.004	G	0.44	0.00	H	7.7329	0.0010	0.011	115		7.71	7.75					1							S
29759	9.602	0.023	8.987	0.021		0.611	0.041	G	0.68	0.04	H	9.0315	0.0023	0.015	71		9.01	9.06		C			1							
29760	8.067	0.010	7.870	0.011		0.188	0.014	T	0.21	0.02	L	7.9295	0.0012	0.010	90		7.91	7.95		C			1							S
29761	8.402	0.007	7.520	0.004		0.776	0.005	G	0.82	0.01	H	7.5686	0.0007	0.011	274		7.55	7.59					1							S
29762	10.316	0.028	9.051	0.017		1.078	0.026	T	1.04	0.02	L	9.1095	0.0022	0.021	109		9.07	9.15		C			1							
29763	7.882	0.008	6.711	0.006		1.004	0.008	T	0.98	0.01	L	6.7551	0.0016	0.009	82		6.74	6.77					1							S
29764	9.183	0.018	7.513	0.009		1.396	0.016	T	1.37	0.02	L	7.5097	0.0013	0.011	76		7.49	7.53		C			1							
29765	8.040	0.008	8.022	0.010		−0.004	0.010	G	0.02	0.01	H	8.0411	0.0013	0.012	96		8.03	8.06		C			1							S
29766	8.148	0.010	8.070	0.012		0.077	0.015	T	0.09	0.02	L	8.0715	0.0009	0.009	96		8.06	8.09					1							
29767	8.198	0.013	7.195	0.007		0.876	0.011	T	0.89	0.01	L	7.2514	0.0009	0.010	76		7.23	7.27					1							S
29768	9.421	0.017	8.938	0.016		0.467	0.018	T	0.54	0.02	L	9.0012	0.0016	0.014	109		8.98	9.02					1							
29769	10.422	0.035	9.951	0.036	*	0.457	0.039	T	0.53	0.04	L *	9.8678	0.0026	0.025	108	*	9.83	9.92		D	06161−5234	I 1	2 C A	AB	183	0.720	0.004	0.56	0.02	
29770	7.861	0.010	7.825	0.012	*	0.038	0.015	T	0.05	0.01	L *	7.8003	0.0015	0.010	80	*	7.78	7.82		D	06161−0253	I 1	2 C A	AB	284	0.784	0.005	1.47	0.02	S
29771	5.749	0.003	5.942	0.004		−0.167	0.004	T	−0.17	0.01	L	5.9081	0.0018	0.014	108		5.88	5.93		U 2			1							S
29772	9.602	0.019	8.859	0.016		0.665	0.019	T	0.73	0.02	L	8.9539	0.0014	0.015	112		8.93	8.98					1							
29773											T *	11.7994	0.0053	0.048	169	*	11.72	11.89		U	06161−2418	H 1	2 C B	AB	79	0.523	0.018	1.50	0.07	G
29774	9.998	0.034	8.933	0.023		0.923	0.031	T	0.92	0.02	L	8.9956	0.0013	0.014	74		8.97	9.02					1							
29775	9.441	0.024	7.898	0.013		1.288	0.049	G	1.25	0.05	H	7.9013	0.0017	0.011	74		7.89	7.92		C			1							S
29776	10.197	0.037	9.674	0.036		0.491	0.047	T	0.56	0.05	L	9.7295	0.0025	0.020	73		9.69	9.76		C			1							G
29777	8.206	0.016	7.552	0.011		0.599	0.015	G	0.64	0.01	L	7.5982	0.0013	0.013	71		7.58	7.63					1							S
29778	9.696	0.018	8.029	0.009		1.393	0.016	T	1.37	0.02	L	8.0097	0.0026	0.027	129		7.97	8.06		U 2			1							
29779	10.496	0.039	8.883	0.018		1.351	0.034	T	1.32	0.04	L	8.8928	0.0024	0.017	81		8.86	8.92		R			1 S							
29780	7.072	0.006	7.125	0.007		−0.070	0.015	G	−0.05	0.01	H	7.1399	0.0010	0.009	107		7.13	7.16					1							S
29781	8.560	0.009	8.253	0.010		0.250	0.005	G	0.28	0.01	H	8.3072	0.0015	0.013	118		8.28	8.34		C			1							S
29782	7.372	0.008	7.456	0.008		−0.070	0.015	G	−0.05	0.01	H	7.4495	0.0010	0.009	89		7.43	7.46		C			1							S
29783	8.250	0.010	7.754	0.010		0.460	0.040	G	0.53	0.03	L	7.8537	0.0014	0.013	114		7.83	7.88		D	06163−5913	I 2	1							S
29784	9.518	0.015	9.252	0.017		0.250	0.023	T	0.28	0.03	L	9.3084	0.0019	0.026	156		9.26	9.35					1							
29785	8.800	0.009	8.772	0.011		0.026	0.013	T	0.04	0.01	L	8.8063	0.0017	0.018	163		8.78	8.85		C			1							
29786	10.123	0.032	9.032	0.021		0.943	0.029	T	0.93	0.02	L	9.1023	0.0020	0.014	75		9.08	9.12		C			1							
29787	7.771	0.010	7.756	0.011		0.019	0.014	T	0.04	0.01	L	7.7723	0.0092	0.071	108		7.71	7.91	1.39	P 1 A			1							S
29788	7.130	0.006	6.486	0.004		0.593	0.015	G	0.64	0.07	F	6.5580	0.0008	0.007	114		6.55	6.58		D	06163−5913	I 2	1							S
29789	7.236	0.006	6.178	0.005		0.897	0.004	G	0.85	0.07	G	6.2392	0.0010	0.006	76		6.23	6.25		C			1							S
29790	6.864	0.005	6.912	0.006		−0.039	0.007	T	−0.02	0.01	L	6.9099	0.0007	0.007	77		6.90	6.92		C			1							S
29791	6.544	0.004	6.612	0.005		−0.058	0.006	T	−0.04	0.01	L	6.6140	0.0009	0.008	110		6.60	6.63					1							S
29792	10.368	0.033	9.488	0.025		0.770	0.032	T	0.81	0.02	L	9.5333	0.0019	0.018	103		9.50	9.56		C			1							
29793	7.902	0.010	7.467	0.008		0.411	0.012	T	0.48	0.01	L	7.5069	0.0028	0.025	84		7.45	7.53	23.17	P 1 A			1							S P
29794	9.261	0.016	7.767	0.009	*	1.257	0.014	T	1.22	0.01	L *	7.7636	0.0015	0.012	99	*	7.75	7.79		D	06164−0956	H 1	2 C A	AB	287	0.799	0.017	2.88	0.05	
29795	10.343	0.040	8.922	0.021		1.200	0.035	T	1.16	0.03	L	8.9744	0.0022	0.022	88		8.94	9.01		C			1							
29796	10.172	0.040	8.886	0.023		1.094	0.036	T	1.06	0.04	L	8.9285	0.0016	0.011	77		8.90	8.95		C			1							
29797	10.090	0.041	8.656	0.022		1.210	0.037	T	1.17	0.04	L	8.7000	0.0027	0.017	77		8.67	8.73					1							
29798	8.452	0.013	6.568	0.006		1.565	0.011	T	1.57	0.03	G	6.5102	0.0006	0.006	84		6.50	6.52		D			1							S
29799	10.547	0.034	10.057	0.033		0.462	0.002	G	0.53	0.00	H	10.1451	0.0032	0.033	131		10.09	10.20					1							G
29800	5.544	0.003	5.087	0.002		0.431	0.003	T	0.50	0.00	L	5.1382	0.0005	0.005	104		5.13	5.14		C	06165+1216	I 1	1							S

HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α deg (ICRS) (8)	δ deg (9)	(10)	π mas (11)	μα* mas/yr (12)	μδ mas/yr (13)	σα* mas (14)	σδ mas (15)	σπ mas (16)	σμα* mas/yr (17)	σμδ mas/yr (18)	δ α* (19)	π α* (20)	π δ (21)	μα* α* (22)	μα* δ (23)	μα* π (24)	μδ α* (25)	μδ δ (26)	μδ π (27)	μδ μα* (28)	F1 % (29)	F2 (30)
29801		06 16 27.24	−35 25 51.5	7.19		H	94.113 504 53	−35.430 983 40		5.55	−16.89	25.02	0.47	0.53	0.63	0.52	0.59	−6	+16	−9	+5	−7	+9	−7	+3	−5	−9	0	−1.21
29802		06 16 27.86	−32 26 23.2	9.30		H	94.116 090 00	−32.439 780 39		4.40	−17.61	32.41	0.77	0.85	1.07	0.93	1.02	−9	+17	+0	+5	+2	+16	−4	−21	−14	−28	2	1.94
29803		06 16 28.52	−11 08 35.6	8.90		H	94.118 844 83	−11.143 220 24		6.28	47.58	28.61	0.88	0.87	1.18	1.08	1.04	−7	+27	−32	−40	−13	+1	−2	−63	+24	+16	0	1.73
29804		06 16 31.27	−40 31 56.4	8.65		G	94.130 290 34	−40.532 346 86		26.99	121.32	200.54	0.66	0.78	0.83	0.71	1.12	−2	−1	−12	+8	+4	+5	+5	−31	−8	−7	1	0.79
29805		06 16 31.58	−17 30 22.7	8.43		H	94.131 601 70	−17.506 319 25		0.41	−4.18	8.57	0.78	0.81	1.28	1.03	0.90	+30	+20	−8	−7	−47	+27	−42	−18	−8	+50	3	0.49
29806		06 16 32.24	−07 19 27.0	8.78		H	94.134 328 25	−07.324 154 34		4.64	5.88	−9.91	1.09	0.82	1.36	1.11	0.93	−10	+52	−33	−39	+6	−29	+0	−50	+10	−1	0	0.00
29807		06 16 33.14	−35 08 26.6	4.37		H	94.138 063 99	−35.140 731 57		17.83	0.39	87.58	0.42	0.45	0.55	0.47	0.48	−7	+22	−1	−7	−4	+6	−3	−6	−2	−14	0	−1.36
29808		06 16 35.60	−39 15 51.7	6.00		H	94.148 330 28	−39.264 348 77		8.35	−15.33	−18.78	0.41	0.46	0.53	0.46	0.56	+1	+10	−13	−1	−9	+16	−9	−16	−6	−1	1	1.49
29809		06 16 38.30	−20 38 26.1	8.51		G	94.159 571 48	−20.640 587 59		1.13	3.46	5.65	0.62	0.66	0.97	0.68	0.68	−19	+9	+14	+56	−30	+3	−26	+45	+5	−7	0	−0.11
29810		06 16 39.56	+25 12 25.5	9.35		H	94.164 840 97	+25.207 078 03		29.76	48.62	−418.48	2.01	1.05	2.16	1.64	1.10	−38	+71	−34	+16	−10	+18	+19	−44	+24	−1	8	2.30
29811	H	06 16 41.63	−12 02 49.9	6.76		G	94.173 468 99	−12.047 185 48	A	3.19	−9.98	−35.97	1.01	0.90	1.15	0.96	0.98	−39	+50	−30	−32	+4	−15	+16	−48	+22	−16	1	0.06
29812		06 16 41.90	−69 04 34.0	7.49		H	94.174 572 23	−69.076 123 31		3.92	10.31	−0.85	0.61	0.59	0.61	0.65	0.79	−7	+15	+10	−20	+12	+3	+20	+12	−2	−26	3	−0.34
*29813		06 16 42.91	−03 27 36.5	8.63		G	94.178 790 10	−03.460 130 63		2.12	−0.95	1.05	1.02	0.72	1.02	1.07	0.79	−19	+19	−31	−47	+20	−10	+21	−51	+7	−4	0	0.08
*29814		06 16 42.91	+47 03 41.6	9.18		G	94.178 785 97	+47.061 544 20		20.39	58.32	−493.14	1.09	0.73	1.30	1.21	0.74	+18	+28	−21	+34	+44	−2	+43	+13	+8	+28	0	−0.59
29815		06 16 43.49	+32 14 33.8	8.64		H	94.181 227 46	+32.242 709 16		15.61	−21.94	9.88	1.21	0.72	1.26	1.48	0.83	−8	+36	−6	+14	−30	−16	−30	−24	+9	−25	0	−0.44
29816		06 16 45.01	−43 38 38.3	7.34		G	94.187 530 99	−43.643 982 73		6.60	−5.18	5.68	0.48	0.50	0.57	0.55	0.58	−2	−7	−2	−4	−4	+19	−3	+5	−2	−4	0	0.10
29817		06 16 45.70	−31 39 52.9	9.25		H	94.190 427 63	−31.664 683 44		3.16	−2.85	0.82	0.73	0.93	1.04	0.81	1.19	−15	+25	−13	−6	+5	−1	+7	−34	+11	−12	0	1.38
29818		06 16 46.18	−41 31 54.6	9.07		H	94.192 418 73	−41.531 829 38		2.51	−8.33	11.04	0.71	0.84	0.89	0.78	1.01	+14	+3	−10	−8	−7	+12	−7	−15	+5	+10	0	−0.42
29819		06 16 46.80	−28 56 03.4	8.58		H	94.194 979 58	−28.934 266 69		2.85	−0.80	6.87	0.63	0.76	1.00	0.82	0.88	+2	+0	+0	−1	−11	+12	−11	−12	−15	−12	0	−0.68
29820		06 16 48.04	−54 37 01.3	7.67		H	94.200 176 34	−54.617 032 88		2.55	3.19	18.92	0.59	0.46	0.62	0.67	0.65	+1	+1	−4	+8	−13	+20	−18	−24	−3	−4	1	−1.91
29821		06 16 49.83	−31 34 17.0	8.42		H	94.207 629 53	−31.571 385 60		4.05	−10.81	−4.15	0.55	0.81	0.88	0.60	1.02	+4	+7	−3	+0	−4	+6	−8	−33	+14	−9	0	−0.55
29822		06 16 50.19	−15 07 32.5	7.89		G	94.209 128 05	−15.125 706 99		3.72	−4.42	1.31	1.02	0.97	1.17	1.27	1.03	+33	+14	−18	−29	−17	+24	−10	−24	+10	+11	0	0.84
29823		06 16 50.37	−39 37 57.6	8.19		H	94.209 885 81	−39.632 663 77		6.05	6.41	8.26	0.57	0.71	0.76	0.57	0.79	+8	+9	−22	−11	−6	+8	−4	−15	+5	+4	0	1.03
29824		06 16 50.54	+44 42 23.5	9.05		H	94.210 572 54	+44.706 533 20		24.87	−255.73	−333.27	0.97	0.64	1.15	1.16	0.71	+7	+37	−1	+11	+5	+16	+7	−18	+3	+14	0	−1.10
29825		06 16 51.05	−35 54 12.6	8.44		H	94.212 720 71	−35.903 503 36		2.48	5.08	12.50	0.58	0.67	0.80	0.64	0.75	−2	+17	−8	+15	−5	+18	−5	−10	+0	−9	0	−0.94
29826		06 16 51.18	+26 29 36.3	8.34		H	94.213 257 61	+26.493 408 44		1.41	−12.94	−9.55	1.22	0.94	1.36	1.65	1.09	+19	+37	−38	−12	−57	+35	−27	−64	+27	+61	3	1.51
29827		06 16 52.24	+22 10 14.2	8.57		G	94.217 673 48	+22.170 601 89		1.89	6.95	−11.66	1.21	0.73	1.36	1.32	0.85	+4	+41	−24	−4	−30	+17	−13	−51	+27	+15	2	0.81
29828		06 16 52.85	+17 26 18.2	8.85		H	94.220 189 19	+17.438 380 66		9.14	−88.53	−32.12	1.22	0.70	1.28	1.36	0.84	−1	+42	−4	+11	−6	+3	+2	−45	+5	+10	4	0.94
29829		06 16 52.92	−18 36 24.4	7.48		H	94.220 511 00	−18.606 774 08		18.86	−121.87	19.22	0.65	0.61	0.92	0.69	0.65	+26	−3	−10	−2	−57	+29	−55	−22	+24	+40	0	−1.10
29830		06 16 53.02	−85 11 06.4	10.27		G	94.220 896 82	−85.185 122 20		9.56	41.32	162.49	0.98	0.96	1.10	1.14	1.17	−6	+22	−9	−16	+9	−23	+10	−4	+9	−13	0	0.75
29831		06 16 53.73	−23 54 25.3	10.08		G	94.223 861 20	−23.907 031 24		10.42	83.46	−126.00	0.83	1.18	1.74	1.21	1.32	−15	+0	+8	+36	−19	+2	−17	+13	+14	−16	2	0.77
29832		06 16 54.70	+14 10 19.5	8.61		H	94.227 896 86	+14.172 096 17		−0.46	−4.40	−5.68	1.07	0.67	1.14	1.22	0.77	−5	+33	−12	+2	−16	+6	−2	−52	+11	+19	0	−0.78
*29833		06 16 55.18	+25 29 44.0	8.47		H	94.229 902 98	+25.495 546 45		12.68	−7.97	26.75	1.54	0.76	1.63	1.39	0.91	−25	+69	−20	+18	−12	+12	−6	−33	+4	−20	0	1.40
*29834		06 16 55.10	−30 20 11.0	9.31		H	94.229 567 82	−30.336 390 03		4.54	−3.93	−8.02	0.79	1.05	1.22	0.94	1.64	−15	+9	−13	−13	+5	+12	+9	−31	−2	−5	0	2.37
29835		06 16 55.95	+34 14 29.9	9.58	2	H	94.233 139 76	+34.241 652 06		2.27	3.52	−4.14	1.39	0.92	1.56	1.63	0.95	−12	+32	−9	−13	−1	+22	+5	−52	−2	+5	0	−0.01
29836		06 16 56.44	−29 52 12.7	8.19		G	94.235 174 55	−29.870 182 28		14.21	6.84	71.10	0.60	0.72	0.92	0.81	0.97	−7	−1	+6	+6	−16	+12	−18	+3	−7	−21	0	−0.23
29837		06 16 56.78	+05 55 52.6	8.35		H	94.236 585 91	+05.931 279 93		0.16	−0.69	1.46	1.24	0.63	1.30	1.07	0.71	+21	+61	−2	−33	−16	−24	−8	−59	+14	+14	0	0.58
29838		06 16 58.38	−12 14 33.7	8.70		H	94.243 244 59	−12.242 694 69		2.34	−2.63	−12.77	0.94	0.84	1.18	0.97	1.00	−31	+45	−29	−49	+11	−11	+12	−63	+13	−20	1	0.03
29839		06 16 58.45	+07 03 09.3	6.56		H	94.243 520 85	+07.052 583 85		2.65	−1.11	−3.34	0.74	0.45	0.81	0.71	0.49	+5	+41	−3	−2	+1	−4	+6	−39	+7	+13	0	−0.06
29840		06 16 58.71	+23 44 27.3	6.24	1	H	94.244 606 03	+23.740 915 63		1.56	−0.02	−2.61	0.79	0.55	0.87	0.94	0.63	+8	+30	−18	−3	−25	+16	−10	−50	+20	+31	2	−0.32
29841		06 16 59.63	−16 06 09.8	9.51		H	94.248 439 05	−16.102 711 81		4.18	−1.96	14.19	1.07	1.09	1.81	1.57	1.42	+15	+7	−18	−13	−38	+32	−27	−34	+36	+20	0	0.86
29842		06 17 01.23	−37 44 15.5	5.54		H	94.255 125 09	−37.737 649 50		10.78	1.35	83.91	0.43	0.44	0.51	0.48	0.49	−7	+16	−9	+28	−6	+11	−7	+2	−1	−11	0	−0.49
29843		06 17 03.52	−22 42 52.6	6.05		H	94.264 660 59	−22.714 600 54		25.06	127.42	−258.64	0.37	0.45	0.68	0.44	0.50	−2	+16	−6	+8	−14	+2	−10	+12	+13	−7	1	2.23
29844		06 17 04.10	+69 28 41.2	7.81		H	94.267 077 58	+69.478 122 03		5.56	1.60	2.00	0.40	0.58	0.90	0.43	0.61	+4	+18	−7	+6	+28	+3	+28	+1	+4	+15	0	0.26
29845	H	06 17 04.70	−55 24 52.9	7.62		G	94.269 596 39	−55.414 705 91	*	4.62	−12.51	4.25	0.58	0.46	0.62	0.65	0.69	−4	−18	+2	+12	−10	+15	−10	−10	−7	+0	0	0.18
29846		06 17 05.24	+29 32 31.0	8.63		H	94.271 824 84	+29.541 955 22		5.70	−11.36	−49.25	1.18	0.75	1.26	1.64	0.96	−25	+17	−19	+21	+3	−15	−3	−33	+24	−38	0	−1.76
29847		06 17 05.41	−06 07 08.7	8.10	1	G	94.272 561 01	−06.119 095 63		2.77	−2.10	4.08	1.13	0.86	1.02	1.18	0.95	+48	+19	−17	−63	−36	−20	−42	−68	+2	+34	0	1.13
29848		06 17 05.90	−35 58 03.2	7.89		H	94.274 592 53	−35.967 557 88		7.93	−11.94	30.36	0.53	0.57	0.70	0.58	0.62	+1	+21	−11	+22	−5	+23	−5	−7	+2	−6	0	−1.05
29849		06 17 06.29	+15 51 02.1	7.29		H	94.276 196 64	+15.850 586 06		1.84	−7.06	−8.93	0.99	0.52	1.07	0.87	0.56	−2	+54	+9	+1	+7	+17	+14	−50	−5	+23	0	1.97
29850		06 17 06.62	+09 56 33.1	5.39		H	94.277 569 71	+09.942 535 98		12.85	5.10	−59.86	0.74	0.46	0.80	0.67	0.49	+7	+43	−6	−20	−9	−9	−5	−46	−6	+31	2	−0.20
29851		06 17 07.93	−22 22 27.5	7.03		G	94.283 039 33	−22.374 312 05		9.34	4.47	−18.95	0.45	0.47	0.72	0.56	0.50	−6	+11	+2	+42	−20	+3	−17	+21	+10	−9	0	−0.89
29852		06 17 09.57	−37 15 12.4	5.88		G	94.289 885 35	−37.253 442 84		16.10	−5.51	−22.63	0.43	0.46	0.53	0.43	0.49	−7	+20	−13	+8	−8	+13	−6	−3	+3	−9	1	−2.01
29853	H	06 17 10.50	+50 23 22.8	10.05		H	94.293 755 52	+50.389 659 35	A	4.33	−2.70	−35.67	2.10	1.42	2.16	2.10	1.34	+4	+20	−1	+29	+12	−2	+13	−3	+14	+1	0	−0.05
29854		06 17 12.79	−24 04 28.2	6.73		H	94.303 303 50	−24.074 509 50		5.61	13.32	−29.34	0.37	0.55	0.78	0.47	0.66	−5	+8	−11	+11	−10	−4	−10	+22	−6	−5	0	3.00
29855		06 17 13.91	−26 55 58.6	6.87		H	94.307 972 12	−26.932 931 50		5.36	−19.75	16.03	0.42	0.54	0.69	0.54	0.65	+4	+5	−6	−4	−9	−1	−8	+9	−8	+5	1	0.34
29856		06 17 14.09	+18 40 59.5	8.02		H	94.308 721 84	+18.683 187 43		2.33	3.47	−2.28	1.06	0.84	1.33	1.56	1.01	+7	+15	−48	−12	−44	+42	−11	−72	+45	+47	0	1.68
29857		06 17 14.78	+46 01 42.4	7.64		H	94.311 578 97	+46.028 433 09		11.90	6.83	−57.66	0.79	0.50	0.93	0.86	0.48	−8	+36	+0	+12	+52	+13	+45	−8	+9	−17	0	−0.76
29858		06 17 14.79	−58 09 55.9	8.92		G	94.311 615 09	−58.165 521 62		6.64	7.77	33.75	0.69	0.73	0.78	0.78	0.93	−8	+12	+5	−3	+2	−15	+5	+1	+15	−13	0	0.14
29859		06 17 15.40	−05 20 37.3	7.68		H	94.314 154 18	−05.343 685 20		6.68	1.71	−14.34	0.92	0.66	0.92	1.11	0.78	−12	+5	−31	−47	+18	−7	+17	−52	+21	−30	0	−0.10
29860		06 17 16.25	+05 05 58.9	5.70		G	94.317 702 35	+05.099 695 78		51.76	−189.37	171.18	0.70	0.46	0.78	0.71	0.50	+12	+34	−6	−23	−8	−18	−11	−46	+3	+5	0	−0.44
29861		06 17 17.44	−34 43 05.1	12.38	2	H	94.322 668 80	−34.718 083 21		−2.69	−19.64	29.35	5.66	6.52	7.56	6.22	7.55	−11	+6	+0	−5	−1	+9	−1	−12	+3	−13	0	
29862		06 17 17.63	−31 01 25.5	9.32	2	H	94.323 441 69	−31.023 762 35		1.97	1.79	13.65	1.11	1.42	1.72	1.29	2.15	−3	+2	−16	−2	−3	+4	−4	−23	+15	−6	0	
29863		06 17 18.19	−21 44 33.1	8.20		H	94.325 805 66	−21.742 535 79		5.83	−21.10	5.60	0.56	0.66	0.93	0.64	0.68	−21	+1	−5	+49	−31	−2	−28	+26	+6	−19	0	1.65
29864		06 17 18.69	+64 49 55.0	7.26		H	94.327 882 42	+64.831 931 32		5.96	9.29	−35.40	0.46	0.54	0.88	0.60	0.61	+18	+20	+10	−5	−10	+9	−14	−27	−8	−1	1	0.77
29865		06 17 19.06	+40 53 15.8	7.94		H	94.329 416 39	+40.887 723 39		0.69	−0.98	−0.85	0.91	0.58	1.09	1.21	0.79	−4	+28	−9	+9	−7	−8	+2	−22	+32	−4	0	−0.61
29866		06 17 20.04	+27 17 26.4	9.39		H	94.333 491 40	+27.290 665 11		3.65	−2.96	3.73	1.64	1.29	1.61	2.34	1.52	+38	+26	−14	−36	−60	+23	−43	−75	+12	+63	0	−0.82
29867		06 17 20.36	+22 08 38.3	7.40		H	94.334 824 67	+22.143 985 97		4.17	−1.46	−3.85	0.94	0.60	1.02	1.08	0.72	+17	+32	−15	−7	−26	+9	−17	−44	+26	+17	0	1.55
29868		06 17 20.63	+07 26 37.1	8.92		H	94.335 941 33	+07.443 641 06		5.62	10.84	11.36	1.13	0.67	1.19	1.06	0.73	+11	+40	+10	−5	+10	+5	+12	−39	−1	+14	0	−0.08
29869		06 17 20.97	+49 29 08.3	7.36		G	94.337 367 10	+49.485 633 00		2.74	0.47	−16.40	0.71	0.46	0.86	0.76	0.48	+10	+35	−10	+31	+28	+3	+28	−2	+6	+19	0	0.61
29870		06 17 21.65	+43 00 49.8	10.08		H	94.340 227 79	+43.013 820 72		6.59	−1.05	−5.75	1.51	0.98	1.81	1.85	1.21	+38	+50	+23	−38	−22	−11	−18	−61	+1	+29	0	−0.27
29871		06 17 21.83	+45 51 38.2	7.59		H	94.340 960 65	+45.860 619 74		6.00	2.93	−28.93	0.86	0.57	1.01	0.93	0.53	−15	+32	−12	+13	+52	+11	+47	−6	+3	−13	0	0.26
29872		06 17 22.16	+71 36 24.9	8.70	1	H	94.342 320 46	+71.606 904 66		3.00	−13.00	−40.83	0.55	0.76	1.05	0.65	0.88	+3	+5	−8	+10	+7	+7	+9	−5	+3	+8	4	−0.27
29873		06 17 23.39	+57 24 53.4	7.15		H	94.347 467 95	+57.414 824 09		16.18	−44.55	−64.33	0.92	0.57	1.08	2.71	1.52	+16	+36	−12	−2	+1	+1	+26	+26	+23	−16	2	0.30
29874		06 17 24.78	+32 42 27.5	9.40		H	94.353 261 72	+32.707 631 29		5.17	−13.70	−5.10	1.14	0.74	1.25	1.34	0.77	+12	+22	−17	+6	−18	−5	−17	−30	−6	+20	0	−1.72
29875		06 17 25.77	+17 59 22.0	10.26		G	94.357 375 67	+17.989 434 83		30.33	112.71	−93.85	2.05	1.32	2.14	2.18	1.53	−20	+41	−11	−6	+4	+8	+17	−64	+8	+1	4	1.91
29876		06 17 26.49	+58 49 35.5	7.36		H	94.360 370 62	+58.826 520 79		5.33	−9.36	−3.99	0.67	0.54	0.79	0.79	0.59	+0	+12	+2	+18	+25	+0	+23	−8	+6	−1	0	−0.97
29877		06 17 29.05	−26 01 25.6	8.77		H	94.371 032 06	−26.023 764 66		3.32	−2.23	2.23	0.57	0.78	1.05	0.71	1.02	−8	+3	−14	−5	−2	+6	−3	−27	+18	−18	0	−0.17
29878		06 17 30.15	+32 15 48.1	7.66		H	94.375 634 67	+32.263 360 71		14.96	−7.67	−43.79	0.86	0.55	0.98	0.97	0.56	−4	+36	−36	+12	−13	+2	−1	−33	+12	+24	0	−0.62
29879		06 17 31.16	−05 18 31.4	8.21		H	94.379 816 43	−05.308 724 36		4.68	−8.77	0.64	1.09	0.75	0.96	1.19	0.87	−8	+8	−21	−64	+16	−5	+17	−63	+10	−29	0	0.06
29880		06 17 31.41	+14 32 33.6	8.97		H	94.380 893 74	+14.542 658 02		5.64	−36.12	−70.21	1.57	0.80	1.71	1.29	0.86	−27	+68	−30	−5	−2	+0	+20	−57	+21	+12	0	−0.72
29881		06 17 33.31	+14 03 31.3	6.59		G	94.388 803 11	+14.058 684 30		3.09	−1.52	−2.67	0.87	0.48	0.94	0.85	0.54	+0	+51	−14	+3	−13	+5	+0	−46	+4	+31	0	−0.66
29882		06 17 33.69	+35 08 56.8	6.68		H	94.390 382 16	+35.149 099 24		20.83	70.31	39.99	0.80	0.55	0.90	1.05	0.63	+1	+25	+14	−13	+8	+17	+5	−50	−11	+7	0	−1.04
29883		06 17 34.11	+79 19 47.8	7.92		H	94.392 104 85	+79.329 940 11		5.78	−8.83	−1.24	0.52	0.55	0.69	0.56	0.61	+17	+33	−6	+13	+3	+9	+5	−15	−3	+30	0	−0.31
29884		06 17 34.68	+46 25 26.1	6.53		H	94.394 514 01	+46.423 925 75		13.86	−43.79	11.26	0.65	0.38	0.78	0.64	0.38	+8	+38	−2	+26	+44	+7	+42	+4	+14	+0	1	1.25
29885		06 17 35.13	−10 43 30.0	6.76		H	94.396 370 39	−10.724 995 17		2.98	−7.86	2.83	0.65	0.56	0.86	0.75	0.65	−17	+35	−30	−22	−3	−3	+3	−35	+18	−8	0	1.23
29886		06 17 36.04	+39 51 30.5	7.29		H	94.400 160 35	+39.858 459 95		3.38	−4.41	−5.64	1.60	1.10	1.11	1.86	1.43	+64	+2	−33	−44	−74	+35	−68	−79	+39	+72	0	−0.83
29887		06 17 36.23	+01 46 29.9	7.68		H	94.400 978 99	+01.774 964 30		2.12	−4.02	−1.58	0.90	0.55	1.00	0.96	0.63	+8	+37	−14	−17	−2	−27	−7	−51	+9	+1	0	−1.55
29888	H	06 17 37.39	−24 26 40.0	7.49		G	94.405 796 35	−24.444 433 33	A	15.25	51.39	−119.45	0.59	0.77	0.97	0.66	0.81	+1	+8	+5	−2	−14	+1	−11	+1	−8	−5	3	0.46
29889		06 17 38.11	−58 31 32.3	8.69		H	94.408 772 69	−58.525 638 10		8.58	88.45	−17.95	0.73	0.69	0.76	0.77	0.92	−6	−6	−1	+11	−3	−17	−4	+2	+4	−6	1	−0.34
29890		06 17 38.91	+41 28 35.9	8.28	2	H	94.412 120 60	+41.476 636 45		0.23	4.92	−7.27	0.94	0.64	1.15	1.35	0.88	+2	+22	−6	−10	+8	−7	+9	−45	+31	−12	0	−1.88
29891		06 17 39.11	+40 18 36.0	7.56		H	94.412 969 76	+40.309 995 66		3.62	5.23	−18.72	0.89	0.60	1.02	1.28	0.77	+1	+21	+3	+12	−19	+3	−12	−26	+23	−3	0	−0.46
29892		06 17 39.48	−53 58 43.6	7.13		H	94.414 511 88	−53.978 783 61		4.40	4.29	27.12	0.54	0.41	0.53	0.55	0.53	+13	−6	−16	−19	−22	+15	−26	−28	+10	+6	1	−0.72
29893		06 17 40.83	−40 39 30.8	8.00		G	94.420 128 23	−40.658 552 28		4.90	−6.64	15.09	0.54	0.62	0.70	0.58	0.74	+1	+8	−18	+7	−3	+14	+0	−5	+7	−2	1	2.78
29894		06 17 41.10	+80 35 35.5	8.73		H	94.421 265 13	+80.593 182 21		2.93	1.30	11.65	0.66	0.73	0.89	0.71	0.83	+2	+15	−3	+7	+8	−10	+9	−10	−10	+14	0	−1.64
29895		06 17 41.73	−16 48 57.3	5.15		G	94.423 885 78	−16.815 913 25		5.75	−14.87	2.07	0.55	0.51	0.71	0.73	0.65	+24	+21	+0	−22	−33	+2	−31	−31	+2	+18	0	0.20
29896	H	06 17 42.09	+08 31 11.4	9.34	2	H	94.425 385 84	+08.519 839 08	*	2.08	5.30	−2.93	1.57	0.90	1.60	1.80	1.09	−25	+50	−23	−12	+30	−28	+32	−60	+11	−8	0	1.38
29897		06 17 42.58	+20 26 30.9	8.53		G	94.427 399 62	+20.441 916 00		1.73	−1.86	−7.48	1.38	0.65	1.48	1.01	0.70	−1	+75	−12	−12	−19	−9	−3	−48	+10	+23	0	1.00
29898		06 17 43.03	+77 57 47.6	9.46		H	94.429 292 73	+77.963 212 07		2.24	4.98	−32.83	0.71	0.84	1.01	0.75	1.07	+18	+14	+6	−5	−12	+4	−13	+10	+0	+8	0	0.07
29899		06 17 43.58	−00 15 06.5	9.76	2	G	94.431 579 04	−00.251 810 17		4.61	1.73	−0.11	2.68	2.02	2.93	2.51	2.15	+5	+30	−10	−38	+9	−21	+0	−69	+9	−17	2	0.65
29900		06 17 44.23	−19 11 19.3	6.72		G	94.434 296 38	−19.188 707 91		1.90	−7.47	1.02	0.49	0.47	0.67	0.50	0.48	+6	+8	+9	+14	−44	+0	−43	+5	+1	+12	0	−1.53

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
29801	8.636	0.011	7.305	0.007		1.129	0.010	T	1.09	0.01	L	7.3578	0.0009	0.010	126		7.34	7.37				1							S
29802	10.636	0.036	9.433	0.022		1.029	0.033	T	1.00	0.03	L	9.4671	0.0024	0.024	118		9.43	9.51				1							
29803	9.510	0.019	8.948	0.018		0.526	0.023	T	0.60	0.02	L	9.0163	0.0016	0.015	92		9.00	9.04		C		1							
29804	9.821	0.022	8.723	0.015		0.927	0.004	G	0.97	0.00	I	8.8045	0.0016	0.015	108		8.78	8.83		C		1 G							
29805	10.400	0.025	8.604	0.011		1.495	0.022	T	1.52	0.03	L	8.5547	0.0016	0.016	144		8.53	8.59		C		1							
29806	9.120	0.017	8.752	0.018		0.349	0.023	T	0.41	0.03	L	8.8667	0.0023	0.014	65		8.85	8.89		C		1							
29807	5.631	0.003	4.478	0.002		0.978	0.049	G	0.94	0.02	A	4.5365	0.0004	0.004	121		4.53	4.54				1							S
29808	6.196	0.004	6.018	0.003		0.163	0.005	T	0.18	0.01	L	6.0551	0.0005	0.007	121		6.04	6.07				1							S
29809	8.357	0.008	8.496	0.011		−0.104	0.003	G	−0.09	0.00	H	8.4749	0.0022	0.021	150		8.45	8.51				1							
29810	10.743	0.052	9.436	0.028		1.106	0.048	T	1.18	0.07	L	9.4803	0.0024	0.017	64		9.45	9.50		C		1							G
29811	7.101	0.009	6.696	0.008	*	0.399	0.015	G	0.46	0.02	H	* 6.8470	0.0007	0.008	155	*	6.84	6.86		D	06167−1203	I 1	2 C A	AB	286	1.833	0.004	1.41	0.01	S
29812	9.138	0.014	7.645	0.008		1.256	0.013	T	1.21	0.01	L	7.6533	0.0016	0.012	93		7.63	7.67		C			1							S
29813	8.576	0.012	8.592	0.015		−0.030	0.020	G	−0.01	0.02	H	8.6286	0.0016	0.013	82		8.61	8.65		C			1							
29814	10.163	0.029	9.272	0.021		0.769	0.008	G	0.81	0.01	H	9.3149	0.0021	0.019	113		9.28	9.35		C			1							
29815	9.306	0.016	8.699	0.015		0.566	0.019	T	0.64	0.02	L	8.7656	0.0016	0.013	82		8.74	8.79		C			1							
29816	7.340	0.005	7.339	0.006		−0.009	0.002	G	0.01	0.00	H	7.3462	0.0008	0.009	117		7.33	7.36		C			1							S
29817	10.339	0.027	9.317	0.018		0.891	0.024	T	0.90	0.02	L	9.4067	0.0021	0.020	134		9.36	9.44		C			1							
29818	10.207	0.027	9.207	0.018		0.874	0.024	T	0.88	0.02	L	9.2286	0.0023	0.017	114		9.20	9.26					1							
29819	10.422	0.029	8.719	0.013		1.422	0.025	T	1.41	0.04	L	8.7244	0.0019	0.021	134		8.69	8.76					1							
29820	9.437	0.016	7.821	0.008		1.353	0.014	T	1.32	0.02	L	7.8175	0.0014	0.011	110		7.80	7.84					1							S
29821	8.651	0.010	8.440	0.011		0.195	0.015	T	0.21	0.02	L	8.4799	0.0016	0.015	142		8.45	8.50		C			1							
29822	9.472	0.016	8.025	0.009		1.210	0.015	G	1.17	0.01	H	8.0663	0.0014	0.017	133		8.04	8.10		C			1 G							
29823	8.322	0.008	8.200	0.009		0.110	0.011	T	0.12	0.01	L	8.2374	0.0018	0.016	120		8.21	8.27					1							S
29824	10.035	0.025	9.122	0.019		0.790	0.004	G	0.83	0.00	H	9.1937	0.0019	0.015	97		9.17	9.23					1							
29825	9.687	0.018	8.544	0.012		0.983	0.017	T	0.96	0.01	L	8.6039	0.0015	0.014	124		8.58	8.63		C			1							
29826	9.662	0.025	8.466	0.016		1.024	0.023	T	1.00	0.02	L	8.5033	0.0013	0.010	67		8.48	8.52		C			1							
29827	8.892	0.015	8.605	0.017		0.257	0.009	G	0.29	0.01	H	8.6427	0.0027	0.020	73		8.61	8.67					1							
29828	9.516	0.021	8.918	0.019		0.558	0.025	T	0.63	0.02	L	8.9732	0.0020	0.017	94		8.95	9.00		C			1							
29829	8.211	0.007	7.547	0.006		0.605	0.007	T	0.67	0.01	L	7.6077	0.0011	0.012	150		7.59	7.63		C			1							S
29830	10.983	0.046	10.265	0.039		0.615	0.008	G	0.68	0.01	H	10.4041	0.0026	0.023	112		10.35	10.45					1							G
29831	10.905	0.037	10.229	0.032		0.651	0.002	G	0.71	0.00	H	10.2137	0.0031	0.033	210		10.14	10.27					1 S							G
29832	8.612	0.013	8.612	0.016		0.001	0.018	T	0.02	0.02	L	8.6186	0.0015	0.013	102		8.60	8.64					1							
29833	9.114	0.018	8.508	0.017		0.540	0.015	G	0.61	0.02	H	8.5827	0.0018	0.013	71		8.56	8.60		C			1							
29834	11.206	0.052	9.509	0.020		1.417	0.044	T	1.40	0.07	L	9.4484	0.0022	0.026	144		9.40	9.50					1 S							
29835	9.776	0.025	9.625	0.031		0.145	0.037	T	0.16	0.04	L	9.6334	0.0049	0.038	74		9.59	9.71		U			1							G
29836	8.761	0.009	8.250	0.009		0.491	0.015	G	0.56	0.02	H	8.2957	0.0019	0.018	136		8.27	8.32		C			1							S
29837	10.230	0.023	8.504	0.010		1.440	0.020	T	1.44	0.03	L	8.4881	0.0016	0.011	105		8.47	8.51		C			1							
29838	10.695	0.032	8.858	0.012		1.528	0.027	T	1.57	0.06	L	8.8200	0.0016	0.018	160		8.79	8.86					1							
29839	6.401	0.003	6.532	0.004		−0.116	0.006	G	−0.10	0.01	H	6.5204	0.0006	0.006	108		6.51	6.53					1							S
29840	6.749	0.006	6.329	0.005		0.446	0.026	G	0.68	0.03	C	6.3679	0.0045	0.029	77		6.33	6.40	13.70	P 1 A			1							S
29841	11.414	0.063	9.669	0.024		1.455	0.053	T	1.46	0.08	L	9.6414	0.0025	0.030	116		9.58	9.69		C			1							
29842	7.002	0.004	5.661	0.003		1.129	0.002	G	1.06	0.04	E	5.7066	0.0006	0.006	112		5.69	5.71					1							S
29843	6.746	0.003	6.126	0.003		0.576	0.007	G	0.66	0.07	F	6.1798	0.0006	0.008	180		6.17	6.19			06171−2242	I 1	1							S
29844	7.891	0.006	7.811	0.007		0.079	0.009	T	0.09	0.01	L	7.8470	0.0011	0.014	229		7.82	7.87					1							S
29845	7.678	0.007	7.604	0.008	*	0.060	0.002	G	0.07	0.00	H	* 7.6356	0.0011	0.011	104	*	7.62	7.66		C	06171−5525	H 1	2 C S A	AB	218	0.133	0.016	1.35	0.49	S
29846	9.280	0.027	8.746	0.025		0.501	0.033	T	0.57	0.04	L	8.7417	0.0017	0.012	78		8.72	8.76		C			1							
29847	8.029	0.010	8.110	0.012		−0.052	0.015	G	−0.03	0.01	H	8.0979	0.0037	0.023	85		8.07	8.14	1.04	P 1 A			1							S
29848	8.221	0.008	7.907	0.008		0.300	0.012	T	0.34	0.02	L	7.9676	0.0012	0.012	130		7.95	7.99					1							S
29849	7.164	0.005	7.272	0.008		−0.090	0.010	G	−0.07	0.01	H	7.2635	0.0009	0.009	95		7.25	7.28			06171+1551	I 1	1							S
29850	5.527	0.003	5.410	0.003		0.106	0.004	T	0.12	0.00	L	5.4326	0.0007	0.005	98		5.42	5.44		C	06171+0956	I 1	1							S
29851	7.042	0.004	7.009	0.005		0.013	0.002	G	0.03	0.00	H	7.0368	0.0008	0.010	164		7.02	7.06					1							S
29852	6.059	0.003	5.895	0.003		0.139	0.002	G	0.15	0.00	H	5.9287	0.0006	0.007	127		5.92	5.94		C			1							S
29853	10.627	0.046	10.103	0.045	A	0.492	0.072	G	0.56	0.08	R	* 10.1586	0.0034	0.026	90	*	10.12	10.20		C	06172+5023	H 1	2 C D	AB	294	2.990	0.084	3.34	0.31	G D
29854	7.916	0.006	6.842	0.004		0.930	0.005	T	0.92	0.00	L	6.8888	0.0009	0.010	203		6.87	6.90					1							S
29855	8.036	0.007	6.969	0.005		0.924	0.007	T	0.92	0.01	L	7.0327	0.0010	0.010	162		7.02	7.05		C			1							S
29856	9.291	0.020	8.129	0.013		0.997	0.019	T	0.98	0.01	L	8.1904	0.0011	0.010	78		8.17	8.21		C			1							
29857	7.989	0.007	7.669	0.008		0.304	0.010	T	0.35	0.01	L	7.7141	0.0008	0.009	127		7.70	7.74		C			1							S
29858	9.532	0.018	8.984	0.017		0.523	0.015	G	0.60	0.02	H	9.0355	0.0020	0.015	118		9.01	9.06					1							
29859	7.938	0.009	7.696	0.010		0.231	0.013	T	0.26	0.02	L	7.7465	0.0020	0.017	88		7.72	7.77					1							S
29860	6.447	0.004	5.772	0.003		0.610	0.000	G	0.69	0.02	A	5.8306	0.0006	0.006	110		5.82	5.84		C	06172+0505	I 1	1							S
29861											T	12.4843	0.0128	0.106	124		12.18	12.67		U			1 X S							D
29862	9.328	0.015	9.351	0.020		0.088	0.019	T	0.10	0.02	L	9.3226	0.0095	0.067	138		9.21	9.45		R 2			1 X S							Y
29863	9.418	0.014	8.296	0.009		0.966	0.013	T	0.95	0.01	L	8.3636	0.0012	0.018	164		8.34	8.40					1							
29864	8.579	0.007	7.372	0.005		1.032	0.007	T	1.00	0.01	L	7.4256	0.0011	0.012	195		7.41	7.44		C			1							S
29865	8.034	0.011	7.946	0.010		0.086	0.014	T	0.10	0.01	L	7.9786	0.0014	0.013	81		7.95	8.00		C			1							S
29866	9.938	0.035	9.428	0.034		0.479	0.044	T	0.55	0.05	L	9.4938	0.0034	0.021	67		9.46	9.52		C			1							G
29867	8.709	0.013	7.520	0.009		1.018	0.012	T	0.99	0.01	L	7.5617	0.0016	0.010	75		7.55	7.58					1							S
29868	9.475	0.015	8.972	0.014		0.473	0.019	T	0.54	0.02	L	9.0215	0.0016	0.015	101		9.00	9.06		C			1							
29869	7.392	0.008	7.376	0.010		0.035	0.002	G	0.05	0.00	H	7.3758	0.0010	0.009	96		7.36	7.39		C			1							S
29870	10.568	0.037	10.152	0.041		0.393	0.051	T	0.46	0.06	L	10.1665	0.0032	0.022	101		10.13	10.20					1							G
29871	8.857	0.011	7.704	0.007		0.990	0.010	T	0.97	0.01	L	7.7570	0.0011	0.011	122		7.74	7.77		C			1							S
29872	10.331	0.020	8.868	0.010		1.233	0.018	T	1.19	0.02	L	8.8639	0.0015	0.023	217		8.82	8.91		U			1							
29873	7.758	0.010	7.217	0.007		0.523	0.012	G	0.60	0.01	H	7.2660	0.0013	0.011	73		7.25	7.29		D			1 G							S
29874	9.972	0.029	9.433	0.028		0.505	0.036	T	0.58	0.04	L	9.5130	0.0025	0.018	98		9.49	9.56					1							
29875	11.949	0.140	10.577	0.066		1.360	0.020	G	1.59	0.04	I	10.4497	0.0028	0.025	81		10.41	10.49		C			1							G
29876	7.547	0.008	7.399	0.008		0.142	0.011	T	0.16	0.01	L	7.4090	0.0016	0.011	92		7.38	7.43		C			1							S
29877	8.977	0.011	8.791	0.013		0.171	0.016	T	0.19	0.02	L	8.8327	0.0013	0.019	152		8.79	8.86					1							
29878	8.210	0.010	7.707	0.009		0.483	0.015	G	0.55	0.02	H	7.7642	0.0013	0.010	91		7.75	7.78		C			1							S
29879	9.373	0.018	8.292	0.013		0.935	0.017	T	0.93	0.01	L	8.3665	0.0023	0.017	93		8.34	8.39		R			1							
29880	9.814	0.022	9.029	0.018		0.713	0.022	T	0.77	0.02	L	9.1093	0.0020	0.017	97		9.09	9.14		C			1							
29881	6.537	0.004	6.572	0.005		−0.036	0.010	G	−0.01	0.01	H	6.5839	0.0015	0.010	97		6.57	6.60					1							S
29882	7.192	0.007	6.727	0.006		0.451	0.007	T	0.52	0.01	L	6.7781	0.0011	0.006	78		6.77	6.79		C			1							S
29883	8.144	0.009	7.954	0.008		0.182	0.011	T	0.20	0.01	L	7.9847	0.0010	0.011	165		7.97	8.01					1							S
29884	6.846	0.004	6.553	0.004		0.263	0.003	G	0.32	0.03	C	6.6022	0.0006	0.006	144		6.59	6.61		C			1							S
29885	7.164	0.006	6.793	0.005		0.364	0.008	G	0.41	0.03	C	6.8404	0.0010	0.007	98		6.83	6.85		C			1							S
29886	8.840	0.016	7.404	0.010		1.240	0.015	G	1.20	0.01	H	7.4508	0.0010	0.010	80		7.43	7.46		C			1 G							S
29887	7.558	0.006	7.682	0.009		−0.108	0.010	T	−0.09	0.01	L	7.6531	0.0014	0.015	126		7.63	7.68					1							
29888	7.996	0.007	7.549	0.006	A	0.468	0.015	G	0.48	0.01	L	* 7.5628	0.0010	0.013	185	*	7.54	7.59			06176−2427	I 1	2 C C	AB	48	6.796	0.028	3.86	0.13	S
29889	9.993	0.025	8.820	0.015		1.006	0.023	T	0.98	0.02	L	8.8520	0.0021	0.018	113		8.83	8.89					1							
29890	10.577	0.040	8.536	0.013		1.690	0.034	T	1.71	0.04	L	8.3915	0.0032	0.023	93		8.36	8.43		U 2			1							
29891	8.807	0.014	7.672	0.010		0.979	0.015	G	0.96	0.01	H	7.7246	0.0015	0.010	73		7.71	7.74		C			1							S
29892	8.360	0.010	7.230	0.006		0.972	0.009	T	0.96	0.01	L	7.2954	0.0008	0.008	107		7.28	7.31					1							S
29893	8.047	0.008	8.008	0.010		0.033	0.002	G	0.05	0.00	H	8.0177	0.0016	0.014	106		7.99	8.04		C			1							S
29894	10.264	0.024	8.832	0.013		1.208	0.021	T	1.17	0.02	L	8.8941	0.0021	0.018	135		8.86	8.92					1							
29895	6.815	0.004	5.292	0.002		1.293	0.007	G	1.19	0.04	E	5.3160	0.0008	0.007	113		5.31	5.33					1							S
29896						2.000	0.510	G	1.99	0.52	J	* 9.4211	0.0229	0.116	75	*	9.20	9.49		U 2	06177+0831	H 1	2 C S A	AB	7	0.181	0.010	0.48	0.24	G P
29897	8.795	0.012	8.554	0.014		0.220	0.015	G	0.24	0.02	H	8.5957	0.0018	0.011	75		8.58	8.62		C			1							
29898	11.022	0.042	9.549	0.020		1.241	0.037	T	1.20	0.04	L	9.6181	0.0023	0.029	165		9.55	9.66		R			1 S							
29899						2.950	0.015	G	2.96	0.01	J	11.4391	0.0072	0.071	100		11.30	11.55		U 2			1							G
29900	6.559	0.003	6.699	0.004		−0.121	0.002	G	−0.11	0.00	H	6.6835	0.0007	0.009	148		6.67	6.70					1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
29901		06 17 44.98	+39 28 26.0	6.72		H	94.437 418 58	+39.473 885 59		2.05	0.67	−3.98	0.78	0.57	0.92	1.16	0.75	+7	+15	−22	+11	−33	+20	−19	−28	+29	+24	0	−0.08
29902		06 17 45.70	+29 13 11.0	7.73		H	94.440 410 63	+29.219 716 80		4.11	3.49	−13.33	0.92	0.58	0.99	1.15	0.70	−7	+31	−15	+17	−12	−4	−7	−32	+15	−6	0	−0.09
29903		06 17 45.80	−51 26 28.7	7.73		G	94.440 850 32	−51.441 300 33		2.83	−2.11	−0.53	0.59	0.46	0.61	0.71	0.59	+3	−1	−14	−17	−12	+17	−11	−24	+2	+5	0	−1.23
29904		06 17 46.75	+40 11 19.1	7.47		H	94.444 779 43	+40.188 632 45		1.32	−0.13	−3.16	0.83	0.55	0.95	1.17	0.71	−1	+20	−3	+15	−20	+5	−11	−24	+27	+2	0	−0.60
29905		06 17 47.77	+45 58 04.4	8.20		H	94.449 023 16	+45.967 882 70		2.94	−5.51	−8.13	0.98	0.66	1.06	1.09	0.60	−4	+27	−11	+22	+59	+9	+53	+3	+2	−2	0	0.12
29906		06 17 48.74	−09 59 03.1	8.57		H	94.453 072 63	−09.984 191 77		2.62	2.70	3.86	0.95	0.85	1.27	1.14	0.97	−28	+38	−29	−33	+21	−29	+12	−42	+3	−31	4	−0.33
29907		06 17 49.79	−64 01 48.9	7.53		G	94.457 458 18	−64.030 255 15		5.03	1.27	14.92	0.52	0.55	0.57	0.56	0.66	−11	+15	−2	+7	−11	−3	−12	−8	−17	−11	0	0.64
29908		06 17 49.97	−47 22 02.1	8.89		H	94.458 223 83	−47.367 243 55		2.48	14.71	6.69	0.73	0.71	0.85	0.87	0.98	−5	−14	−9	−6	+13	+20	+19	+10	−21	−9	0	−0.89
29909		06 17 50.87	+19 27 25.9	7.52		H	94.461 945 84	+19.457 206 82		2.47	3.99	−13.04	1.02	0.60	1.09	1.08	0.71	−6	+53	−19	+12	−20	+1	+3	−40	+13	+36	0	0.67
29910		06 17 51.07	+35 19 41.1	9.12		H	94.462 784 84	+35.328 085 72		5.89	−3.01	0.65	1.16	0.80	1.33	1.65	1.01	+5	+25	+19	−6	−4	+10	−10	−44	−17	−5	0	−1.78
29911		06 17 51.52	+32 30 16.6	7.50	2	H	94.464 663 40	+32.504 601 31		3.87	−11.04	−0.16	0.83	0.53	0.93	0.94	0.54	−2	+34	−29	+7	−13	+1	−2	−33	+10	+25	0	−1.49
29912		06 17 51.60	−31 00 33.1	7.45		H	94.464 993 06	−31.009 183 34		4.61	−0.99	−4.07	0.48	0.66	0.75	0.54	0.89	+1	+4	−14	+7	−7	+12	−11	−33	+8	−8	0	1.65
29913	H	06 17 51.74	−52 43 58.9	6.40		H	94.465 573 14	−52.733 033 75	A	3.80	8.55	0.95	0.95	0.93	0.60	0.65	0.60	−14	+18	+8	−1	−1	−1	−18	−20	+2	−23	1	0.16
29914		06 17 51.80	+39 07 17.3	8.65		G	94.465 830 29	+39.121 464 27		2.81	−1.63	−6.70	1.02	0.73	1.26	1.40	0.94	−2	+25	−29	+10	−31	+13	−12	−33	+37	+17	0	−2.12
29915		06 17 53.25	−50 30 38.6	8.81		H	94.471 858 54	−50.510 721 28		1.51	2.60	20.93	0.74	0.57	0.79	0.98	0.80	−10	+11	−11	+15	−15	+10	−12	−5	+4	+3	0	0.46
29916		06 17 53.31	+69 10 13.8	8.24		H	94.472 126 14	+69.170 507 77		−0.05	0.94	0.57	0.46	0.65	1.01	0.50	0.66	−4	+10	−6	−2	+35	+0	+33	−5	+0	+16	0	0.43
29917		06 17 53.33	−04 22 57.3	6.65		H	94.472 227 12	−04.382 594 49		4.72	−3.62	−35.51	0.75	0.57	0.83	0.83	0.64	+6	+10	−32	−30	−4	−10	−7	−41	+22	−11	0	1.73
29918		06 17 54.70	−49 24 51.5	8.30		H	94.477 923 52	−49.414 293 72		9.36	11.30	72.73	0.60	0.54	0.68	0.68	0.72	−6	+3	+0	+2	+2	−4	+2	+5	−18	−8	1	−0.08
29919		06 17 54.83	+61 30 55.1	5.01	2	H	94.478 466 58	+61.515 292 21		5.53	−9.61	−2.37	0.63	0.51	0.73	0.77	0.64	+12	+25	−1	+6	+6	−7	+8	+4	+14	+9	0	0.64
29920		06 17 54.99	+13 01 52.9	8.53		H	94.479 126 64	+13.031 367 20		1.94	−1.61	−3.02	1.22	0.82	1.05	1.60	0.98	+50	−2	−16	−54	−52	+27	−49	−72	+18	+52	0	1.42
29921		06 17 55.45	+02 59 30.8	9.35		H	94.481 025 48	+02.991 893 86		2.19	−0.28	−2.06	1.12	0.81	1.29	1.12	0.89	−9	+33	+1	−17	+13	−18	+18	−49	−1	+4	0	1.81
29922		06 17 58.69	+00 13 29.1	7.72		H	94.494 529 16	+00.224 760 69		3.86	−4.60	−2.29	0.77	0.53	0.85	0.74	0.58	+20	+34	−9	−17	−6	−15	−6	−51	+16	+8	0	−0.52
29923		06 17 59.09	−29 38 35.4	9.27		H	94.496 211 07	−29.643 160 92		8.09	58.70	9.99	0.81	0.91	1.21	1.08	1.11	−11	+5	+16	+2	−7	+15	−9	+14	+7	−17	2	−1.00
29924		06 17 59.66	+56 37 31.7	8.54		H	94.498 571 47	+56.625 479 88		2.21	−0.40	−13.39	0.97	0.67	1.21	1.05	0.79	+12	+42	+6	+3	+19	+1	+24	−7	+19	+0	0	1.28
29925		06 17 59.76	+39 05 29.8	8.23		H	94.498 989 64	+39.091 604 72		5.14	26.51	−55.76	1.02	0.73	1.25	1.42	0.92	−2	+24	−29	+8	−27	+13	−10	−36	+31	+19	3	−1.40
29926		06 17 59.76	−56 52 20.4	8.91		H	94.499 014 45	−56.872 343 78		3.26	1.54	19.80	0.74	0.67	0.78	0.80	0.84	−8	+6	+10	+12	−12	+10	−21	−17	−2	−26	0	−0.90
29927		06 17 59.88	+28 00 24.5	7.74		H	94.499 499 67	+28.006 815 43		7.30	−1.40	−10.32	1.01	0.77	1.08	1.45	0.95	+30	+21	−33	−14	−45	+30	−27	−60	+29	+50	0	1.34
29928		06 18 02.97	−17 16 43.6	8.69		H	94.512 367 28	−17.278 775 31		3.80	−7.33	6.71	0.77	0.75	1.07	1.14	1.05	+17	+7	−2	−23	−22	+8	−21	−33	+6	+21	2	0.90
29929		06 18 05.55	−53 33 33.0	6.86		G	94.523 104 36	−53.559 172 69		6.09	−2.88	42.24	0.47	0.37	0.48	0.49	0.47	+5	−3	−12	−3	−12	+3	−14	−19	+1	+2	2	0.47
29930	H	06 18 05.56	+09 19 15.4	8.01		G	94.523 178 01	+09.320 943 01	A	11.55	−2.80	−12.25	1.41	1.04	1.42	1.53	1.07	−20	−20	−7	−9	+7	+7	+20	−49	−11	−5	1	−0.17
29931		06 18 05.61	+14 22 58.3	6.12		H	94.523 379 33	+14.382 848 50		5.12	−4.78	4.31	0.92	0.49	1.01	0.76	0.52	−16	+63	−24	−8	+0	−5	+17	−46	+10	+32	0	0.41
29932		06 18 06.18	−56 26 38.9	8.23		G	94.525 739 27	−56.444 133 27		9.93	12.41	21.11	0.69	0.54	0.66	0.86	0.72	−14	+9	+2	+22	−11	+3	−17	−7	+1	−33	1	1.37
29933		06 18 07.10	+00 29 12.1	8.55		H	94.529 579 76	+00.486 699 77		4.06	−4.86	7.19	0.93	0.63	1.04	0.91	0.69	+19	+31	−7	−20	−6	−20	−9	−52	+16	+2	0	−0.28
29934		06 18 07.72	−00 22 14.6	7.79		H	94.532 176 13	−00.370 726 95		1.12	−0.01	1.00	0.75	0.53	0.86	0.76	0.59	+10	+33	−19	−18	+3	−18	+1	−57	+18	+3	0	0.19
29935		06 18 07.77	+53 40 17.3	7.71		G	94.532 372 42	+53.671 473 95		3.79	−3.99	3.74	0.79	0.58	0.96	0.90	0.64	+23	+22	−8	+26	+31	−11	+29	+4	+14	+16	2	0.12
29936		06 18 08.45	−06 43 31.7	6.79		H	94.535 188 77	−06.725 468 65		6.78	38.48	37.07	0.78	0.61	0.93	0.84	0.68	+22	+31	−20	−31	−8	−34	−18	−44	+1	+15	0	1.64
29937		06 18 08.83	−06 49 20.2	8.58		H	94.536 806 47	−06.822 273 91		5.02	14.87	−4.77	1.00	0.81	1.36	1.10	0.89	+5	+40	−28	−28	+5	−39	−6	−37	+8	+1	0	0.02
29938		06 18 09.46	−33 18 31.1	8.55		H	94.539 409 12	−33.308 641 58		13.18	19.82	−125.30	0.62	0.73	0.90	0.72	0.81	−11	+15	+15	+25	+5	+34	−3	−10	−8	−22	0	−0.67
29939		06 18 10.38	−57 20 11.3	8.06		H	94.543 234 63	−57.336 471 51		3.70	−5.89	27.29	0.58	0.57	0.61	0.64	0.67	−8	+3	+8	+10	−4	−2	−6	−10	+1	−18	0	−0.43
29940		06 18 12.44	+68 29 32.8	10.15		H	94.551 817 61	+68.492 441 35		1.76	−0.95	−17.86	0.71	0.99	1.51	0.74	1.00	−13	+19	−4	−3	+30	−3	+32	−16	+10	+5	0	−0.48
29941		06 18 13.73	−19 58 01.2	5.51		H	94.557 215 59	−19.966 991 89		3.28	−5.84	7.22	0.44	0.42	0.60	0.45	0.45	+3	+11	+5	+19	−38	+2	−38	+11	+4	+9	0	−0.31
29942		06 18 14.11	−72 07 56.2	7.76		H	94.558 783 10	−72.132 275 67		4.67	−1.73	27.26	0.57	0.58	0.61	0.60	0.65	−6	+20	−1	+5	−15	+13	−18	+11	−17	−12	3	−1.04
29943		06 18 14.37	+68 19 07.7	7.95		H	94.559 893 11	+68.318 794 62		4.15	−6.44	−13.50	0.50	0.61	0.88	0.57	0.63	−15	+14	−11	−5	+19	−4	+18	−19	−1	−7	0	−0.48
29944		06 18 15.33	+62 11 34.4	10.05		H	94.563 885 96	+62.192 896 76	B	12.73	5.65	−23.29	17.36	14.72	8.29	12.15	11.17	−16	+35	−8	−9	+5	−8	+1	−30	+5	−35	7	1.09
29945		06 18 15.89	+01 33 48.3	8.22		H	94.566 188 32	+01.563 427 09		5.32	−13.64	−25.91	0.91	0.59	1.08	1.04	0.71	−6	+38	−16	−13	+10	−33	+1	−42	+8	−19	0	−1.87
*29946		06 18 16.08	−48 41 56.3	8.50		H	94.567 003 72	−48.698 979 66		2.83	3.76	7.19	0.68	0.59	0.77	0.82	0.82	−1	−3	−1	+2	+1	−12	+1	−5	−7	−4	0	−0.27
*29947		06 18 16.02	+62 11 51.7	8.88		H	94.566 730 69	+62.197 706 80	A	12.71	−1.18	−11.32	3.07	2.91	3.28	2.88	2.77	−17	+37	−10	−16	+3	−9	+2	−35	+6	−30	7	1.09
29948		06 18 16.82	+03 59 04.3	7.36		H	94.570 063 49	+03.984 534 38		3.94	−4.04	−6.41	1.01	0.66	1.13	0.98	0.73	+17	+46	+23	−19	+0	−14	−8	−61	−26	+11	2	−1.13
29949		06 18 16.86	+46 21 38.7	6.33		H	94.570 229 44	+46.360 760 39		9.43	12.56	−130.38	0.64	0.38	0.76	0.65	0.38	+2	+38	−3	+30	+37	+11	+36	+5	+13	−3	0	1.63
29950		06 18 17.14	+58 17 58.2	9.02		H	94.571 401 21	+58.299 510 92		3.08	−1.71	−36.09	0.96	0.76	1.17	1.19	0.84	+0	+20	−13	+12	+17	−4	+19	−2	+17	+11	2	0.53
29951	H	06 18 17.42	−05 39 15.6	6.88		H	94.572 586 45	−05.654 330 77	A	4.84	10.09	−4.94	1.74	1.05	1.25	1.65	1.06	+21	+19	−13	−59	+12	−23	+6	−59	+9	−22	1	−0.61
29952		06 18 17.52	−15 48 35.7	8.88		H	94.573 017 28	−15.809 907 15		1.71	−2.36	2.94	0.85	0.88	1.46	1.20	1.04	+23	+11	−25	−26	−37	+36	−27	−43	+20	+33	0	0.83
29953		06 18 19.61	−43 41 44.7	8.85		H	94.581 723 28	−43.695 759 34		3.13	3.25	6.56	0.73	0.69	0.82	0.85	0.78	+4	−3	−13	−8	−7	+19	−6	−21	+3	−6	0	−1.43
29954		06 18 20.73	−69 09 44.0	7.60		H	94.586 380 28	−69.162 221 72		14.92	2.75	−49.27	0.59	0.55	0.59	0.63	0.69	−8	+12	+8	−21	+14	+3	+15	−9	−14	−22	0	−0.48
29955		06 18 20.78	+27 12 37.1	6.66		G	94.586 601 96	+27.210 313 45		7.63	7.98	−68.76	1.03	0.80	1.03	1.47	0.98	+38	+22	−25	−33	−54	+28	−34	−71	+23	+69	0	1.23
29956		06 18 21.51	−27 03 44.0	9.01		H	94.589 606 96	−27.062 212 25		1.71	−9.03	7.03	0.73	0.89	1.10	0.93	1.28	−20	+13	−12	−8	+9	−9	+12	−28	+17	−13	1	1.27
29957		06 18 21.75	+72 57 03.1	7.80		G	94.590 630 96	+72.950 862 33		12.89	23.74	−97.11	0.43	0.55	0.78	0.47	0.63	+9	+6	−2	+13	+1	+23	+2	−9	+12	+10	0	−0.70
29958		06 18 22.08	−13 52 10.8	9.89		H	94.592 014 16	−13.869 656 00		32.30	66.60	341.18	1.11	1.09	2.10	1.91	1.64	+22	+22	−8	−15	−40	+27	−32	−46	+0	+39	1	1.78
29959		06 18 24.25	+14 20 55.4	8.20		H	94.601 058 85	+14.348 733 56		2.04	−1.47	−4.52	1.15	0.71	1.30	1.24	0.79	−9	+43	−35	−17	−14	+5	+6	−54	+21	+34	0	0.33
29960		06 18 25.54	−82 58 16.0	8.16		H	94.606 426 12	−82.971 116 85		4.04	−2.12	−6.06	0.58	0.60	0.65	0.68	0.66	−5	+19	−2	+22	−5	+26	−12	−20	−9	−23	0	−1.45
29961		06 18 25.85	−01 07 46.4	9.75	2	H	94.607 725 00	−01.129 560 21		−1.41	2.19	1.04	1.55	1.29	1.99	1.93	1.45	+12	+5	−31	−7	+18	−31	−5	−64	+22	−20	2	−0.53
29962		06 18 26.39	+49 11 09.7	7.74		H	94.609 940 10	+49.186 031 29		3.91	−9.75	−69.28	0.78	0.53	0.93	0.89	0.56	+20	+31	+0	+20	+24	+9	+19	−7	−6	+26	4	−0.73
29963		06 18 26.93	−48 02 19.1	7.43		H	94.612 222 02	−48.038 635 81		1.65	−4.88	−0.24	0.52	0.47	0.59	0.57	0.63	−5	−1	+1	+4	+1	+0	+2	+2	−6	−1	0	−0.91
29964		06 18 28.22	−72 02 42.1	9.95	2	H	94.617 592 54	−72.045 027 41		25.99	−8.14	71.42	0.93	1.02	1.02	0.98	1.15	+1	+14	+1	−7	−11	+4	−13	+0	−15	−8	1	−0.78
29965		06 18 28.72	−56 59 59.9	7.81		H	94.619 683 15	−56.999 981 50		6.58	−6.74	7.56	0.56	0.49	0.56	0.64	0.58	−5	+8	+0	+16	−10	+13	−14	−6	+0	−21	0	−0.45
29966		06 18 29.76	−14 35 53.9	8.37		H	94.624 001 79	−14.598 305 46		2.62	3.77	−4.34	0.75	0.68	1.13	1.13	0.96	−4	+14	−18	−11	−9	+22	−3	−28	+9	+12	0	0.31
29967		06 18 29.87	+25 53 42.7	9.69		H	94.624 462 75	+25.895 206 01		7.68	−9.63	−20.17	1.62	0.95	1.69	1.65	1.04	−17	+53	−11	+21	−17	+14	−3	−33	+3	+8	0	0.72
29968	H	06 18 31.77	+22 40 45.1	8.82		H	94.632 387 55	+22.679 204 09	*	0.49	1.62	−1.15	1.33	0.89	1.40	1.62	1.09	+25	+29	−10	−19	−35	+10	−26	−55	+20	+30	0	0.34
29969		06 18 32.05	+04 30 35.1	7.35		H	94.633 560 30	+04.509 758 14		0.72	−1.94	−0.76	0.91	0.64	0.97	1.04	0.72	+5	+18	+0	−34	+5	−6	+1	−61	−2	−4	0	−1.06
29970		06 18 32.43	−53 37 51.6	7.55		G	94.635 138 17	−53.630 991 40		3.69	−12.13	13.97	0.56	0.46	0.57	0.59	0.56	+5	−6	−8	−8	−13	+5	−11	−14	−2	+6	1	0.21
29971		06 18 33.57	−07 50 26.2	8.56		H	94.639 861 04	−07.840 609 36		3.50	−5.00	2.62	0.95	0.70	1.38	1.16	0.88	−44	+57	−34	−50	+17	−36	+15	−48	+13	−9	3	−0.60
29972		06 18 35.71	−38 53 40.9	7.34		H	94.648 805 71	−38.894 698 52		5.33	22.82	−43.70	0.90	1.01	1.19	1.03	1.13	−5	+17	−12	−2	−5	+22	−2	−5	+0	−3	0	
29973		06 18 35.78	−14 21 35.4	8.64		H	94.649 099 91	−14.359 828 26		3.85	−5.38	5.87	0.72	0.68	1.11	1.17	1.06	+2	+9	−10	−26	−22	+14	−18	−38	+6	+18	0	0.09
29974	H	06 18 37.52	+67 43 42.5	8.41		H	94.656 328 29	+67.728 463 20	*	21.00	−121.09	−31.86	1.72	2.15	1.39	1.44	1.69	−4	+14	−18	−7	−3	+0	−1	−2	+12	+0	1	0.22
29975		06 18 37.76	+29 46 53.5	6.86		H	94.657 341 83	+29.781 529 55		8.67	12.13	−50.22	0.87	0.52	0.91	1.15	0.67	−29	+36	−15	+18	+7	−18	+4	−29	+16	−38	0	0.65
29976		06 18 39.18	+47 57 09.7	8.51		H	94.663 232 02	+47.952 695 16		1.96	−12.84	6.04	0.94	0.63	1.12	1.07	0.66	−3	+29	−21	+31	+26	−4	+26	+7	+11	+8	0	1.22
29977		06 18 39.21	+38 14 08.3	7.76	1	H	94.663 390 12	+38.235 626 01		2.60	0.95	−14.87	0.95	0.62	0.99	1.19	0.70	+8	+28	−6	+12	−15	+11	−7	−29	+2	+24	0	1.49
29978		06 18 39.26	+11 37 52.8	8.14		H	94.663 597 93	+11.631 332 85		5.14	26.96	−15.43	1.02	0.78	1.16	1.43	0.96	+22	+14	−45	−30	−50	+11	−31	−68	+35	+60	0	−1.57
29979		06 18 39.44	+23 00 28.6	8.62		G	94.664 317 63	+23.007 932 42		−0.91	0.43	−1.19	1.20	0.74	1.26	1.31	0.87	+15	+48	+3	−5	−19	+1	−11	−46	+2	+29	0	0.63
29980		06 18 39.68	−33 35 39.9	9.14		H	94.665 329 07	−33.594 427 63		8.31	6.26	−43.89	0.73	0.84	1.07	0.80	0.99	−2	+7	+5	+11	+1	+31	−2	−19	+1	−7	0	0.84
29981		06 18 40.03	+21 10 50.4	7.84		H	94.666 774 56	+21.180 653 40		1.76	5.61	−12.72	1.06	0.74	1.31	1.35	0.91	−4	+34	−43	−12	−33	+28	−3	−60	+46	+28	0	1.71
29982		06 18 40.35	+09 02 50.2	6.24		G	94.668 136 87	+09.047 284 72	+	9.42	1.35	−41.96	1.52	1.75	1.04	1.46	1.52	−4	+4	−8	−61	−15	−13	−14	−82	−9	+51	0	−0.50
29983		06 18 43.18	−11 35 40.8	9.46		H	94.679 922 87	−11.594 670 84		0.32	8.50	6.03	0.94	0.80	1.23	0.98	0.93	−19	+39	−19	−36	−10	−10	−2	−54	+20	−8	0	−0.09
*29984		06 18 45.08	−64 47 22.6	9.15		H	94.687 821 36	−64.789 621 85		3.36	1.81	34.89	0.77	0.80	0.84	0.88	0.97	−4	+31	−7	−5	+2	−11	+2	−3	+0	−1	0	−0.79
*29985		06 18 44.97	−35 54 37.2	7.73		H	94.687 366 76	−35.910 334 60		2.97	−6.70	9.36	0.55	0.60	0.74	0.57	0.63	−3	+20	+1	+18	−10	+16	−9	−3	+9	−9	0	−1.35
29986		06 18 45.14	+18 25 41.2	8.44		H	94.688 097 45	+18.428 105 20		5.14	5.24	−9.85	1.24	0.72	1.34	1.30	0.85	−17	+53	−26	+6	−18	+8	+9	−62	+26	+16	0	−0.37
29987		06 18 45.27	+33 28 52.5	8.86		H	94.688 612 05	+33.481 242 95		6.95	1.52	−42.81	1.11	0.74	1.26	1.24	0.76	+1	+24	+6	−14	−5	+6	−9	−47	−27	+3	2	0.27
29988		06 18 45.52	+15 16 52.2	11.75		H	94.689 680 49	+15.281 174 49		−4.54	−31.17	23.79	4.20	2.16	4.50	4.79	2.57	−11	+52	−5	−17	+3	−20	+7	−52	+11	−15	0	1.96
*29989		06 18 46.82	+61 04 57.2	8.33		H	94.695 097 22	+61.082 556 33		6.70	−4.73	−35.77	0.89	0.70	1.07	1.17	0.83	+8	+23	−19	+0	+6	+0	+10	−11	+24	+15	0	−2.57
*29990		06 18 46.79	−50 21 32.8	7.03		G	94.694 947 63	−50.359 117 51		1.24	−0.79	7.03	0.52	0.40	0.54	0.70	0.58	−8	+10	−12	+6	−10	+0	−7	−15	+0	+8	0	1.49
29991		06 18 48.33	+06 43 32.2	7.96		G	94.701 354 41	+06.725 609 23		12.55	18.69	−65.67	1.02	0.61	1.12	0.92	0.67	+13	+52	−9	−19	−11	−2	−3	−39	+10	+29	0	0.51
29992		06 18 48.48	−14 50 43.1	8.05		G	94.701 990 96	−14.845 296 94		5.17	81.40	−40.63	0.70	0.66	1.02	1.05	0.93	−6	+8	−20	−35	−10	+25	−3	−46	+19	+7	0	1.18
29993		06 18 48.79	−15 01 30.0	6.04	1	H	94.703 293 20	−15.024 994 16		4.42	0.99	16.67	0.73	0.61	0.85	0.97	0.80	+3	+14	−18	−47	−16	+18	−10	−58	+5	+16	0	1.27
29994	H	06 18 49.47	+11 09 54.3	7.06		H	94.706 128 35	+11.165 083 86	*	4.41	7.02	−20.01	0.79	0.52	0.92	0.94	0.60	−11	+37	−33	−7	−16	−21	−8	−38	+15	+27	0	0.44
*29995		06 18 50.63	−65 06 48.4	9.51		H	94.710 966 51	−65.113 446 72		4.38	3.28	−8.58	0.88	0.91	0.94	1.12	1.18	−7	+6	−11	−13	+7	−1	+6	+9	−20	−11	0	0.54
*29996		06 18 50.58	−09 23 23.9	5.36		G	94.710 751 78	−09.389 963 23		6.38	4.34	−22.68	0.63	0.50	0.76	0.71	0.57	−11	+35	−17	−38	+14	−23	+10	−48	+7	−23	0	−0.63
29997		06 18 50.78	+69 19 12.1	4.76		H	94.711 582 58	+69.320 034 30		18.55	−1.64	−101.65	0.30	0.42	0.64	0.31	0.42	−6	+15	−10	−2	+28	+7	+30	−18	+0	+9	0	−0.43
29998		06 18 51.11	−05 03 49.3	7.93		G	94.712 942 02	−05.063 701 82		6.80	−5.56	−10.57	0.86	0.67	0.98	0.92	0.76	+1	+12	−26	−30	−4	−15	−9	−40	+19	−20	0	−0.25
29999		06 18 51.38	−73 21 39.2	7.98	2	H	94.714 096 21	−73.360 897 16		0.75	19.47	17.71	0.56	0.54	0.60	0.60	0.61	−6	+25	−3	−3	−12	+23	−12	+7	−11	−22	0	1.97
30000		06 18 52.00	+04 33 14.8	8.76		H	94.716 683 95	+04.554 120 42		8.59	−18.01	18.04	1.05	0.76	1.14	1.19	0.86	+14	+23	−7	−31	−9	−12	−9	−57	+3	+14	0	0.36

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
29901	9.244	0.020	6.938	0.007		1.902	0.017	T	1.94	0.02	L	6.8090	0.0037	0.040	76		6.77	6.87		U 2 C			1 S							S P
29902	7.712	0.009	7.729	0.010		−0.011	0.012	T	0.01	0.01	L	7.7371	0.0012	0.010	83		7.71	7.75		C			1							S
29903	8.039	0.009	7.746	0.008		0.258	0.002	G	0.29	0.00	H	7.7985	0.0014	0.012	111		7.77	7.82					1							S
29904	7.439	0.007	7.470	0.010		−0.024	0.011	T	0.00	0.01	L	7.4733	0.0014	0.009	77		7.46	7.49		C			1							S
29905	8.290	0.008	8.207	0.009		0.082	0.011	T	0.09	0.01	L	8.2392	0.0011	0.013	123		8.22	8.26					1							S
29906	8.617	0.011	8.575	0.014		0.043	0.016	T	0.06	0.01	L	8.5895	0.0023	0.022	101		8.56	8.63					1							
29907	7.437	0.005	7.504	0.006		−0.069	0.009	G	−0.05	0.01	H	7.5089	0.0008	0.009	113		7.50	7.53					1 G							S
29908	10.350	0.028	9.024	0.016		1.125	0.025	T	1.09	0.03	L	9.0629	0.0023	0.018	109		9.03	9.10		C			1							
29909	7.456	0.007	7.511	0.009		−0.048	0.005	G	−0.03	0.01	H	7.5117	0.0013	0.009	78		7.50	7.54		C			1							S
29910	9.544	0.022	9.165	0.024		0.359	0.030	T	0.42	0.03	L	9.2024	0.0024	0.019	75		9.17	9.23		C			1							
29911	7.991	0.009	7.542	0.009		0.422	0.008	G	0.49	0.01	H	7.5934	0.0014	0.015	96		7.57	7.67		U 2			1							S
29912	8.947	0.011	7.577	0.007		1.160	0.010	T	1.12	0.01	L	7.6203	0.0011	0.012	149		7.60	7.64		C			1							S
29913	8.310	0.011	6.557	0.005	*	1.456	0.002	G	1.49	0.02	A *	6.5273	0.0014	0.010	98	*	6.51	6.55			06179−5244	H 1	2 C C	AB	169	0.362	0.028	3.93	0.20	S
29914	8.838	0.014	8.647	0.017		0.136	0.005	G	0.15	0.01	H	8.6968	0.0019	0.012	79		8.68	8.72		C			1							
29915	10.150	0.027	8.927	0.016		1.045	0.024	T	1.02	0.02	L	8.9799	0.0021	0.017	105		8.95	9.01		C			1							
29916	10.212	0.020	8.402	0.008		1.507	0.017	T	1.54	0.03	L	8.3667	0.0012	0.018	265		8.33	8.40					1							
29917	8.214	0.011	6.804	0.007		1.191	0.010	T	1.15	0.01	L	6.8117	0.0011	0.009	91		6.80	6.83		C			1							S
29918	8.792	0.013	8.355	0.013		0.436	0.015	G	0.50	0.02	H	8.4018	0.0011	0.013	113		8.38	8.43					1							S
29919	7.410	0.012	5.244	0.009		1.843	0.018	G	2.63	0.05	F	5.0034	0.0055	0.043	76		4.91	5.07		U 2			1 S							S P
29920	8.607	0.012	8.529	0.014		0.050	0.015	G	0.06	0.01	H	8.5543	0.0013	0.012	86		8.53	8.58		C			1 S							
29921	9.535	0.015	9.355	0.017		0.172	0.021	T	0.19	0.02	L	9.4157	0.0023	0.026	118		9.38	9.48		C			1							G
29922	7.690	0.006	7.720	0.007		−0.023	0.008	T	0.00	0.01	L	7.7240	0.0011	0.010	131		7.70	7.75		C			1							S
29923	9.993	0.023	9.360	0.020		0.583	0.023	T	0.65	0.02	L	9.3921	0.0018	0.022	131		9.35	9.43					1							
29924	10.230	0.035	8.697	0.018		1.288	0.031	T	1.25	0.03	L	8.6947	0.0015	0.012	79		8.67	8.72		C			1							
29925	9.585	0.023	8.353	0.014		1.052	0.021	T	1.02	0.02	L	8.3954	0.0016	0.013	80		8.38	8.42		C			1							
29926	10.464	0.033	9.029	0.017		1.211	0.029	T	1.17	0.03	L	9.0749	0.0019	0.018	113		9.05	9.11					1							
29927	7.757	0.009	7.737	0.010		0.023	0.012	T	0.04	0.01	L	7.7568	0.0011	0.010	76		7.74	7.78		C			1							S
29928	8.637	0.010	8.674	0.014		−0.031	0.015	T	−0.01	0.01	L	8.6829	0.0018	0.017	111		8.65	8.71		C			1							
29929	7.081	0.005	6.877	0.004		0.171	0.002	G	0.19	0.00	H	6.9196	0.0007	0.006	115		6.91	6.93		C			1							S
29930	8.472	0.010	8.090	0.011	A	0.387	0.015	G	0.45	0.02	H *	8.0979	0.0021	0.019	87	*	8.07	8.14		D	06181+0919	I 1	2 C A	AB	157	4.081	0.024	3.16	0.13	
29931	6.168	0.003	6.130	0.004		0.035	0.004	T	0.05	0.00	L	6.1428	0.0007	0.005	89		6.13	6.15		C	06181+1423	I 1	1							S
29932	8.647	0.011	8.267	0.011		0.399	0.006	G	0.46	0.01	H	8.3177	0.0017	0.015	106		8.30	8.34					1							S
29933	8.706	0.009	8.557	0.011		0.143	0.013	T	0.16	0.01	L	8.5978	0.0021	0.020	139		8.57	8.64					1							
29934	7.944	0.007	7.803	0.009		0.136	0.011	T	0.15	0.01	L	7.8382	0.0012	0.011	124		7.82	7.85		C			1							S
29935	7.846	0.009	7.742	0.012		0.100	0.015	G	0.11	0.02	H	7.7432	0.0011	0.012	83		7.73	7.77			06184+5340	I 1	1							S
29936	8.134	0.009	6.906	0.006		1.049	0.008	T	1.02	0.01	L	6.9540	0.0012	0.009	86		6.94	6.97					1							S
29937	10.154	0.032	8.714	0.017		1.215	0.028	T	1.17	0.03	L	8.7466	0.0013	0.014	86		8.72	8.79		D			1							
29938	9.114	0.011	8.612	0.011		0.483	0.012	T	0.55	0.01	L	8.6604	0.0016	0.019	142		8.63	8.69					1							
29939	9.218	0.014	8.158	0.010		0.919	0.013	T	0.92	0.01	L	8.2187	0.0015	0.013	125		8.20	8.25		C			1							
29940	10.451	0.026	10.120	0.030		0.314	0.037	T	0.36	0.05	L	10.2245	0.0021	0.027	209		10.18	10.29					1							G
29941	5.288	0.002	5.477	0.002		−0.163	0.002	T	−0.17	0.00	L	5.4529	0.0007	0.006	146		5.44	5.47					1							S
29942	7.830	0.007	7.758	0.008		0.065	0.010	T	0.07	0.01	L	7.7851	0.0012	0.012	106		7.77	7.80		C			1							S
29943	8.198	0.008	7.979	0.011		0.209	0.013	T	0.23	0.01	L	8.0169	0.0012	0.014	161		8.00	8.04		C	06182+6819	I 1	1 S							S
29944	10.193	0.034	9.860	0.038	B	0.316	0.048	T	0.36	0.07	L	9.9818	0.0392			B				D	06182+6212	I 2	1 C I A							
29945	8.731	0.010	8.265	0.010		0.439	0.013	T	0.51	0.01	L	8.3146	0.0015	0.016	126		8.29	8.35					1							
29946	10.215	0.029	8.648	0.014		1.315	0.025	T	1.28	0.03	L	8.6548	0.0012	0.014	100		8.63	8.68		D			1							
29947	9.033	0.015	8.872	0.018	A	0.155	0.022	T	0.17	0.02	L	8.9333	0.0199	0.089	124	A	8.82	9.08		D	06182+6212	I 2	1 C P A							
29948	8.994	0.012	7.486	0.007		1.268	0.011	T	1.23	0.01	L	7.5208	0.0011	0.010	83		7.50	7.54		C			1							
29949	7.797	0.006	6.455	0.004		1.113	0.007	G	1.09	0.06	F	6.5008	0.0007	0.008	139		6.49	6.51					1							S
29950	9.320	0.017	9.065	0.019		0.243	0.024	T	0.27	0.03	L	9.0935	0.0025	0.021	88		9.04	9.13		C			1							
29951	6.964	0.006	6.840	0.007	A						T *	6.8480	0.0013	0.008	75	*	6.83	6.86		D	06183−0539	I 1	2 C A	AB	218	1.210	0.021	2.64	0.05	S
29952	10.670	0.039	9.002	0.016		1.394	0.033	T	1.37	0.04	L	9.0261	0.0020	0.017	122		9.00	9.05		C			1							
29953	10.233	0.027	8.978	0.016		1.070	0.025	T	1.03	0.02	L	9.0195	0.0017	0.015	114		8.99	9.05		C			1							
29954	8.122	0.008	7.646	0.009		0.450	0.015	G	0.52	0.02	H	7.6992	0.0009	0.010	95		7.68	7.72		C			1							S
29955	8.086	0.012	6.764	0.006		1.122	0.010	T	1.08	0.01	L	6.8196	0.0010	0.008	74		6.80	6.83		C			1							S
29956	10.373	0.027	9.125	0.016		1.064	0.025	T	1.03	0.02	L	9.1767	0.0020	0.020	152		9.14	9.23					1							
29957	8.327	0.008	7.847	0.007		0.471	0.015	G	0.54	0.02	H	7.9009	0.0011	0.014	182		7.88	7.93					1							S
29958	11.535	0.079	10.024	0.031		1.197	0.014	G	1.37	0.02	A	10.0306	0.0026	0.026	132		9.98	10.07					1							G
29959	9.531	0.018	8.345	0.012		1.016	0.017	T	0.99	0.01	L	8.3664	0.0020	0.014	87		8.34	8.39					1							
29960	8.535	0.010	8.194	0.011		0.330	0.016	T	0.38	0.02	L	8.2446	0.0017	0.018	112		8.22	8.27					1							S
29961						2.814	0.400	G	2.82	0.41	J	9.7059	0.0183	0.130	102		9.60	9.93		U 2			1 S							G
29962	8.856	0.014	7.834	0.010		0.891	0.013	T	0.90	0.01	L	7.8968	0.0012	0.009	85		7.88	7.91		C			1							S
29963	9.553	0.017	7.603	0.007		1.618	0.015	T	1.64	0.01	L	7.5457	0.0014	0.011	104		7.53	7.57					1							S
29964	11.321	0.060	10.193	0.038		0.963	0.056	T	1.01	0.05	L	10.0927	0.0074	0.068	106		9.96	10.18		U 2			1							
29965	7.890	0.007	7.801	0.008		0.064	0.002	G	0.07	0.00	H	7.8359	0.0011	0.010	114		7.81	7.86		C			1							S
29966	8.374	0.008	8.373	0.010		0.002	0.011	T	0.02	0.01	L	8.3829	0.0016	0.018	129		8.35	8.41		C			1							
29967	10.172	0.032	9.714	0.034		0.432	0.043	T	0.50	0.05	L	9.7842	0.0030	0.020	77		9.75	9.82		C			1							G
29968	9.453	0.021	8.954	0.020	*	0.591	0.012	G	0.66	0.01	H *	8.9512	0.0023	0.014	80	*	8.91	8.98			06185+2241	H 1	2 C S B	AB	43	0.165	0.051	1.92	0.89	
29969	8.356	0.009	7.464	0.006		0.794	0.008	T	0.83	0.01	L	7.4988	0.0011	0.009	89		7.48	7.51		C			1							S
29970	8.726	0.011	7.648	0.007		0.932	0.002	G	0.93	0.00	H	7.7141	0.0013	0.011	116		7.70	7.73		C			1 G							S
29971	10.173	0.036	8.726	0.019		1.220	0.032	T	1.18	0.03	L	8.7229	0.0013	0.011	124		8.70	8.74		C			1							
29972	8.798	0.011	7.465	0.007		1.131	0.010	T	1.09	0.01	L	7.5082	0.0009	0.009	106		7.49	7.53					1 X							S
29973	8.616	0.010	8.622	0.013		−0.004	0.014	T	0.02	0.01	L	8.6459	0.0016	0.015	125		8.62	8.67		C			1							
29974	9.395	0.014	8.522	0.011	*	0.780	0.013	T	0.82	0.01	L *	8.5577	0.0018	0.020	131	*	8.52	8.59		D	06186+6744	I 1	2 C A	AB	236	0.269	0.006	0.76	0.09	
29975	6.884	0.006	6.880	0.006		0.008	0.008	T	0.03	0.01	L	6.8752	0.0008	0.006	72		6.86	6.89		C			1							S
29976	10.212	0.027	8.649	0.013		1.311	0.024	T	1.27	0.03	L	8.6616	0.0019	0.015	96		8.64	8.70					1							
29977	9.927	0.031	7.934	0.013		1.652	0.027	T	1.67	0.03	L	7.8629	0.0029	0.017	71		7.84	7.89		M			1							
29978	9.619	0.025	8.255	0.015		1.155	0.023	T	1.12	0.02	L	8.3068	0.0012	0.009	81		8.29	8.32		C			1							
29979	9.067	0.016	8.684	0.017		0.422	0.004	G	0.49	0.00	H	8.7231	0.0023	0.021	79		8.69	8.75					1							
29980	9.741	0.018	9.203	0.017		0.512	0.019	T	0.58	0.02	L	9.2515	0.0021	0.021	132		9.22	9.29		C			1							
29981	9.526	0.023	7.994	0.012		1.250	0.015	G	1.21	0.01	H	8.0046	0.0014	0.009	70		7.99	8.02		C			1							
29982	7.319	0.007	6.330	0.005		0.870	0.001	G	0.85	0.04	E	6.3859	0.0008	0.006	68		6.38	6.40		C			1 O							S
29983	9.540	0.015	9.473	0.019		0.090	0.020	G	0.10	0.02	H	9.4957	0.0020	0.022	155		9.46	9.53					1							
29984	9.578	0.020	9.209	0.021		0.360	0.025	T	0.42	0.03	L	9.2388	0.0023	0.015	90		9.21	9.26					1 G							
29985	9.533	0.017	7.885	0.009		1.378	0.015	T	1.35	0.02	L	7.8740	0.0013	0.013	118		7.85	7.89					1							S
29986	10.299	0.036	8.570	0.015		1.454	0.033	T	1.46	0.05	L	8.5541	0.0014	0.014	95		8.54	8.58					1							
29987	9.369	0.018	8.906	0.018		0.436	0.023	T	0.50	0.02	L	8.9535	0.0021	0.018	79		8.92	8.98					1							
29988						1.700	0.495	G	1.68	0.51	J	11.8631	0.0065	0.055	59		11.78	11.95					1 G							D
29989	9.883	0.029	8.468	0.017		1.195	0.026	T	1.15	0.02	L	8.4922	0.0018	0.013	77		8.47	8.52		C			1							
29990	8.059	0.008	7.127	0.006		0.835	0.001	G	0.90	0.04	E	7.1729	0.0008	0.008	101		7.16	7.19		C			1							S
29991	8.568	0.011	7.998	0.010		0.510	0.008	G	0.58	0.01	H	8.0654	0.0014	0.011	87		8.05	8.08		C			1							S
29992	9.075	0.014	8.144	0.010		0.829	0.012	G	0.85	0.01	H	8.1925	0.0009	0.010	123		8.17	8.21		C			1							S
29993	8.219	0.008	6.247	0.004		1.663	0.012	G	1.96	0.05	F	6.1268	0.0015	0.014	125		6.10	6.15		U 2			1 G							S
29994	7.096	0.007	7.060	0.008	*	0.038	0.010	T	0.05	0.01	L *	7.0762	0.0009	0.007	71	*	7.06	7.09		D	06188+1110	I 1	2 C S A	AB	240	0.153	0.027	1.73	0.48	S
29995	10.055	0.030	9.541	0.029		0.483	0.038	T	0.55	0.04	L	9.6197	0.0019	0.019	84		9.58	9.67					1							
29996	6.974	0.005	5.499	0.003		1.239	0.002	G	1.12	0.04	E	5.5309	0.0005	0.005	102		5.52	5.54		C			1							S
29997	4.789	0.002	4.764	0.002		0.025	0.003	G	0.05	0.03	C	4.7792	0.0004	0.005	245		4.77	4.79		C			1							S
29998	8.196	0.009	7.944	0.011		0.267	0.015	G	0.30	0.02	H	7.9978	0.0016	0.014	95		7.97	8.02		C			1							S
29999	10.202	0.025	8.195	0.010		1.663	0.021	T	1.69	0.02	L	8.0892	0.0017	0.019	127		8.05	8.12		U 2			1							
30000	9.288	0.014	8.813	0.014		0.447	0.018	T	0.52	0.02	L	8.8538	0.0015	0.012	87		8.83	8.88		C			1							

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion μα* mas/yr 12	μδ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	μα* mas/yr 17	μδ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	μα*/α* 22	μα*/δ 23	μα*/π 24	μδ/α* 25	μδ/δ 26	μδ/π 27	μδ/μα* 28	Soln F1 % 29	F2 30
30001		06 18 52.58	−28 07 22.1	8.14		G	94.719 086 06	−28.122 817 42		16.29	−4.15	101.98	0.55	0.68	0.88	0.67	0.80	−5	+4	−11	−10	−13	+2	−13	−14	+3	−13	0	0.68
30002		06 18 53.86	+35 12 28.9	6.62		G	94.724 418 12	+35.208 039 39		6.00	4.47	−38.67	0.80	0.54	0.89	1.06	0.64	−5	+30	−3	−6	−1	+15	−3	−43	−2	−12	0	−0.60
30003		06 18 54.43	+23 36 11.9	6.58		H	94.726 778 81	+23.603 299 43		4.13	−1.55	−7.07	0.88	0.59	0.94	1.02	0.67	+9	+35	+1	+5	−10	+16	−5	−44	+3	+19	0	1.29
30004		06 18 55.59	−25 00 46.0	7.04		G	94.731 626 66	−25.012 779 49		3.14	−3.36	7.25	0.41	0.49	0.72	0.52	0.54	−7	+17	+0	+23	−17	+8	−13	+9	+13	−16	0	1.23
30005		06 18 56.09	+49 39 37.8	8.40		H	94.733 702 02	+49.660 512 14		3.36	−2.97	−23.45	1.00	0.69	1.15	1.17	0.72	+1	+30	−18	+30	+36	−1	+32	+4	−3	+13	0	0.60
30006		06 18 56.31	+47 02 00.1	9.07		H	94.734 634 47	+47.033 362 14		3.49	−4.13	−3.57	0.93	0.58	1.11	1.05	0.62	−1	+25	+2	+38	+23	+4	+18	+20	+10	−21	2	1.29
30007		06 18 57.93	−22 02 06.0	7.66		H	94.741 359 62	−22.034 988 68		6.76	−9.35	8.25	0.52	0.57	0.83	0.61	0.59	−11	−3	−6	+47	−20	−2	−18	+26	+0	−7	0	−0.61
30008		06 18 58.37	−76 43 57.8	9.10		H	94.743 199 57	−76.732 727 09		1.10	8.25	1.66	0.73	0.76	0.79	0.77	0.84	−2	+14	+10	−23	−3	+10	−5	−7	−10	−10	1	−0.11
30009		06 18 58.46	+04 11 28.7	7.87		H	94.743 582 46	+04.191 313 59		1.65	−4.28	0.79	1.02	0.68	1.19	1.34	0.83	+7	+36	+12	−20	+11	−35	+0	−57	−5	−21	0	−1.83
30010		06 18 58.92	+10 19 33.8	8.93	2	H	94.745 519 91	+10.326 046 42		3.29	−2.70	−16.87	1.08	0.73	1.27	1.25	0.88	−4	+44	+4	−12	−19	−30	−16	−22	−4	+5	0	0.04
30011		06 18 58.98	−20 55 32.2	5.79		G	94.745 738 91	−20.925 620 47		1.77	−3.32	3.90	0.43	0.46	0.68	0.47	0.46	−23	+1	+1	+55	−35	+5	−31	+37	+5	−14	1	−0.18
30012		06 18 59.09	−45 53 31.9	8.97		H	94.746 227 49	−45.892 188 41		3.41	−10.13	8.30	0.72	0.64	0.80	0.84	0.83	−13	+5	−2	+1	−4	+5	−5	−2	−14	−7	0	1.62
30013		06 18 59.22	+34 13 50.2	9.17		H	94.746 765 74	+34.230 603 32		−0.57	0.81	−3.97	1.19	0.82	1.29	1.44	0.85	+9	+10	−4	−23	−13	+11	−14	−54	−7	+3	0	0.75
30014		06 18 59.63	+12 42 05.1	7.41		H	94.748 464 28	+12.701 426 98		2.88	0.44	−1.02	1.08	0.74	0.97	1.53	0.91	+31	−7	−22	−54	−37	+24	−32	−69	+14	+35	0	−0.91
30015		06 18 59.71	+23 00 04.1	7.89		G	94.748 781 18	+23.001 136 64		1.58	−2.15	−1.06	1.04	0.64	1.13	1.12	0.73	+2	+49	−13	+3	−19	+8	−2	−43	+15	+25	0	0.15
30016		06 18 59.94	−15 24 13.2	8.52		H	94.749 754 73	−15.403 652 81		3.92	2.40	−0.62	0.82	0.76	1.25	1.13	0.94	+13	+20	−13	−14	−13	+35	−7	−41	+12	+13	0	0.81
30017		06 19 00.08	−43 35 22.7	9.12		H	94.750 319 10	−43.589 641 98		1.42	−8.25	10.79	0.73	0.74	0.86	0.77	0.90	−7	−12	−3	−8	−2	+10	−3	−23	+4	−8	1	−0.39
30018		06 19 01.25	+38 31 53.9	10.22		G	94.755 197 20	+38.531 651 50		16.96	147.60	−309.51	1.75	1.11	1.84	2.30	1.32	+4	+20	−11	+19	−18	+1	−16	−27	+11	+0	0	−1.13
30019		06 19 01.85	+17 19 31.0	6.27	1	H	94.757 697 94	+17.325 270 63		5.17	−8.68	−4.80	1.01	0.57	1.09	0.90	0.65	−10	+63	−17	−6	−5	+8	+15	−62	+20	+18	2	1.29
30020		06 19 02.77	+31 21 50.7	9.20		H	94.761 537 66	+31.364 069 71		9.98	−18.00	11.31	1.32	0.79	1.39	1.56	0.92	−28	+38	−31	+33	−21	−1	−9	−12	+22	−13	0	0.17
30021		06 19 02.96	+59 33 34.1	7.41		H	94.762 315 06	+59.559 483 46		9.32	16.68	−48.78	0.74	0.59	0.91	0.82	0.63	−5	+37	−17	+24	+11	+9	+19	−1	+19	+13	0	−0.82
30022		06 19 03.21	−23 32 00.7	7.97		H	94.763 392 03	−23.533 521 28		1.65	11.14	−2.65	0.43	0.65	0.96	0.57	0.73	−9	+14	−18	+2	−14	+0	−10	+8	+13	−10	2	0.79
30023		06 19 04.82	+47 23 38.8	6.83		H	94.770 081 84	+47.394 114 50		31.33	−29.66	−33.39	0.67	0.40	0.82	0.70	0.40	+1	+36	−16	+31	+23	+6	+26	+2	+15	+5	0	1.13
30024		06 19 05.46	−41 04 27.8	7.76	1	H	94.772 759 70	−41.074 402 00		4.58	−3.78	12.20	0.56	0.57	0.67	0.67	0.82	+2	+0	−5	+18	−4	+17	−3	−6	−6	+3	0	0.30
30025		06 19 06.27	+12 44 48.3	6.73		H	94.776 127 39	+12.746 741 60		3.59	1.56	−3.59	0.92	0.67	0.84	1.25	0.82	+45	−1	−27	−49	−52	+19	−45	−67	+17	+58	0	−1.20
30026		06 19 06.31	−03 44 48.9	7.61		G	94.776 312 00	−03.746 922 11		4.79	−3.31	−5.97	1.19	0.67	0.97	1.12	0.71	+16	−17	−26	−72	−12	+21	−8	−63	+18	+10	0	−1.31
*30027		06 19 07.96	−01 22 01.0	7.28		G	94.783 151 55	−01.366 931 80		1.83	0.55	−11.38	0.77	0.53	0.85	0.96	0.65	+12	+27	−7	+1	+7	−21	+2	−42	+5	+5	0	−0.01
*30028		06 19 07.94	−08 35 09.7	6.22		H	94.783 094 89	−08.586 017 05		8.17	−19.59	2.21	0.77	0.56	0.84	0.87	0.70	−43	+47	−27	−61	+36	−26	+37	−60	+22	−44	0	0.98
*30029		06 19 08.05	+33 47 43.6	7.85		G	94.783 550 93	+33.795 433 22		4.35	−7.70	−3.02	0.91	0.57	1.01	1.04	0.61	−11	+34	−12	−13	+4	+4	+7	−42	−3	+7	2	1.22
*30030		06 19 08.05	−03 26 20.0	7.95	2	H	94.783 546 67	−03.438 887 11		20.10	10.65	−42.47	0.98	0.68	0.99	0.98	0.75	+31	−13	−35	−55	−24	+10	−25	−61	+26	+28	0	−0.88
30031		06 19 10.00	+56 31 36.0	6.90		H	94.791 656 68	+56.526 668 56		4.97	−37.53	−31.42	0.70	0.50	0.86	0.76	0.59	+12	+36	−3	+16	+25	−7	+25	+0	+10	+2	0	0.11
30032		06 19 11.03	−36 31 33.5	8.15		G	94.795 958 17	−36.525 974 70		4.30	2.38	7.13	0.56	0.61	0.73	0.60	0.68	+0	+6	−6	−4	−8	+22	−7	−1	+4	−1	0	−1.95
30033		06 19 11.57	+66 39 00.3	8.70		H	94.798 226 30	+66.650 092 76		10.13	−51.48	−145.12	0.74	0.72	1.06	0.80	0.81	+6	+24	−11	−11	+0	−8	+2	−10	+10	−5	0	−0.28
30034		06 19 12.90	−58 03 15.9	9.13	2	H	94.803 741 17	−58.054 421 42		21.97	14.13	45.21	0.75	0.81	0.82	0.84	0.96	+0	−1	+12	+12	+1	−7	+1	+0	+2	+0	0	−0.06
30035		06 19 13.49	+25 58 56.2	9.26		H	94.806 219 13	+25.982 287 18		2.35	0.79	−4.27	1.35	0.81	1.47	1.31	0.85	−15	+56	−19	+11	−8	+19	+8	−44	+4	+22	0	−0.66
30036		06 19 14.11	+29 55 32.1	8.84		H	94.808 806 80	+29.925 591 19		5.49	2.03	−3.11	1.31	0.87	1.39	1.85	1.14	−40	+32	−23	+4	+16	−19	+15	−42	+24	−47	2	−0.42
30037		06 19 15.00	−68 49 53.7	9.16		H	94.812 513 92	−68.831 578 87		14.07	−42.97	79.01	0.81	0.78	0.86	0.87	0.97	−1	+26	+1	−29	+22	−23	+21	−20	−13	+9	0	0.81
30038		06 19 15.20	−69 47 05.0	6.91		H	94.813 329 76	−69.784 717 97		16.27	−14.56	68.23	0.56	0.50	0.56	0.59	0.64	−1	+20	+10	−24	+0	+5	−2	−10	−25	−22	2	−0.66
30039	H	06 19 15.29	−24 58 29.8	7.32		H	94.813 716 77	−24.974 936 33	A	4.25	−10.18	6.55	0.75	0.83	0.91	0.69	0.72	−15	+8	+7	+29	−18	+8	−14	+15	+15	−10	2	0.07
30040		06 19 15.89	−24 57 29.9	8.23		H	94.816 191 05	−24.958 311 13		3.21	14.05	−29.19	0.57	0.71	1.01	0.72	0.72	−7	+13	+8	+34	−22	+5	−18	+16	+14	−18	0	0.18
30041		06 19 16.88	+20 34 47.8	8.45	2	G	94.820 328 64	+20.579 932 37		−1.05	−0.60	0.42	1.41	0.71	1.56	1.27	0.80	−23	+69	−33	+2	−17	+3	+8	−48	+21	+14	0	1.87
30042	H	06 19 18.35	−12 31 59.7	7.86		H	94.826 474 67	−12.533 262 08	A	1.94	−5.11	3.55	1.08	0.93	1.23	1.09	0.98	−26	+38	−33	−39	−5	−5	+3	−49	+23	+0	1	0.38
30043		06 19 18.48	+59 50 47.7	8.29		H	94.826 988 04	+59.846 573 17		3.23	−1.54	−1.87	0.96	0.67	1.10	1.08	0.70	−6	+40	−27	+32	+2	+15	+18	−19	+25	+19	0	0.99
30044		06 19 18.54	−48 24 32.3	7.96		H	94.827 240 15	−48.408 972 38		9.66	−7.13	13.18	0.54	0.47	0.61	0.62	0.67	+2	+4	−8	−2	−1	+0	−1	−6	−4	+7	1	0.78
30045		06 19 19.01	−37 27 46.2	8.68		H	94.829 200 87	−37.462 831 79		25.40	−215.69	−28.45	0.65	0.72	0.82	0.71	0.91	−1	+29	+1	+22	−3	+4	−5	+18	−7	+0	0	−1.09
30046		06 19 19.30	+23 28 09.9	6.91	1	H	94.830 399 01	+23.469 409 24		1.45	−0.43	−1.55	0.91	0.60	0.98	1.01	0.67	+9	+39	+9	+1	−11	+14	−9	−51	−1	+11	0	1.94
30047		06 19 20.53	−27 06 05.4	11.21		G	94.835 532 67	−27.101 486 36		2.82	47.00	−78.60	1.23	1.81	2.30	1.57	2.41	+0	+11	−8	+5	+1	−6	+0	−16	+11	−9	1	2.12
30048		06 19 22.12	−75 42 00.3	7.90	2	H	94.842 147 68	−75.700 087 99		4.75	60.56	−18.50	0.67	0.59	0.66	0.69	0.67	−7	+24	−6	−29	−4	+7	+1	+7	−5	−22	1	−0.84
30049		06 19 22.52	+23 16 28.2	6.95		G	94.843 847 19	+23.274 511 63		0.38	−0.65	−1.73	0.93	0.61	1.00	0.99	0.67	+5	+44	+1	+2	−18	+15	−10	−50	+3	+17	2	0.04
30050		06 19 22.56	−66 03 35.9	8.39		G	94.843 997 18	−66.059 966 22		12.85	−68.24	−126.03	0.63	0.75	0.70	0.69	0.89	+2	+19	+5	−23	−3	−9	−3	−7	−6	−1	0	−0.67
30051		06 19 25.40	+13 26 02.3	6.90		H	94.855 816 40	+13.433 964 41		11.60	19.91	−10.24	0.99	0.70	0.97	1.16	0.78	+37	+18	−33	−47	−54	+24	−41	−67	+24	+65	0	2.83
30052		06 19 27.46	+16 34 30.4	8.97		H	94.864 402 63	+16.575 116 02		1.60	−6.04	−0.94	1.39	0.77	1.51	1.35	0.90	−12	+61	−21	+11	−9	+12	+12	−56	+21	+14	0	0.72
30053		06 19 27.95	−36 28 27.7	8.96		H	94.866 448 40	−36.474 351 36		1.41	−5.13	−8.01	0.70	0.78	0.92	0.77	0.85	+0	+7	−1	−8	−5	+23	−5	−10	+1	−4	0	−1.40
30054		06 19 28.48	−42 53 11.0	8.07		H	94.868 668 07	−42.886 385 30		4.69	−9.50	12.19	0.53	0.55	0.65	0.57	0.73	−3	−1	−12	−15	−3	+12	−2	−21	+21	−3	1	−0.04
30055		06 19 28.87	+13 26 54.1	7.67		G	94.870 271 06	+13.448 371 80		1.89	10.15	−9.54	1.11	0.78	1.12	1.31	0.88	+31	+24	−36	−42	−53	+22	−38	−66	+25	+59	0	2.39
30056		06 19 33.22	+34 38 24.4	7.92		H	94.888 403 04	+34.640 121 55		1.97	−3.09	1.26	0.95	0.67	1.10	1.49	0.82	−3	+5	−14	−6	−12	+26	−9	−47	+12	−8	0	−1.80
30057		06 19 34.66	+41 05 32.8	8.03		G	94.894 410 04	+41.092 435 15		10.73	24.23	−53.14	0.92	0.59	1.16	1.26	0.83	+10	+27	−5	−2	+3	−1	+11	−40	+34	+10	0	−0.91
30058		06 19 35.84	+69 34 09.0	6.77	1	H	94.899 316 45	+69.569 172 15		8.38	−30.71	−39.51	0.34	0.48	0.74	0.36	0.51	−1	+12	−14	+5	+22	−3	+24	−8	+3	+10	1	0.09
30059		06 19 35.89	+39 49 06.4	8.35		G	94.899 534 41	+39.818 442 42		11.13	−24.92	−57.69	1.01	0.68	1.26	1.46	0.92	−8	+30	−18	+9	−13	+4	−1	−34	+35	−6	0	0.08
30060		06 19 37.39	+59 00 39.3	4.44		H	94.905 794 98	+59.010 905 18	+	21.88	−3.51	24.43	4.55	3.16	0.95	1.20	0.57	−46	+42	−18	+74	−39	+32	+3	−1	+1	+12	0	−0.20
30061	H	06 19 37.73	+52 23 16.6	8.91		G	94.907 205 61	+52.387 952 92	A	8.74	5.51	−21.04	1.66	1.27	1.80	1.94	1.53	+0	+12	+5	+3	+22	+6	+13	−29	+3	−26	4	0.47
30062		06 19 38.19	−22 06 11.3	6.29	1	H	94.909 139 58	−22.103 143 87		4.16	−37.05	10.28	0.43	0.45	0.68	0.51	0.47	−12	+1	+4	+44	−24	+3	−20	+23	+3	−6	0	−0.24
30063		06 19 38.41	−13 33 18.4	8.57		H	94.910 051 41	−13.555 114 39		6.06	−4.94	0.48	0.78	0.70	1.35	1.31	0.99	+6	+31	−19	+4	−34	+31	−23	−38	−12	+27	0	−1.71
30064		06 19 38.47	−63 49 25.3	6.86		H	94.910 306 10	−63.823 691 06		8.99	21.49	41.42	0.49	0.49	0.53	0.54	0.58	−7	+14	−6	+10	−11	+4	−12	−10	−19	−10	0	0.91
30065		06 19 38.99	+68 40 36.9	6.86		H	94.912 474 02	+68.676 902 93		2.11	3.68	2.75	0.37	0.51	0.77	0.41	0.53	−13	+12	−11	−1	+32	−5	+33	−23	−1	+6	0	−1.61
30066		06 19 39.72	−26 59 02.3	7.30		H	94.915 491 11	−26.983 959 34		3.88	−27.78	−80.02	0.51	0.62	0.79	0.68	0.81	+3	+7	−2	−3	+0	−5	−4	−30	+7	−14	1	0.25
30067		06 19 40.18	+16 00 47.8	6.61		H	94.917 429 34	+16.013 283 87		36.32	−17.48	−14.34	0.85	0.53	0.90	1.02	0.67	−7	+44	+5	+12	+10	−10	+2	−43	+2	−25	0	0.55
30068		06 19 40.83	−61 19 33.0	9.15		H	94.920 115 99	−61.325 822 07		4.13	1.06	22.28	0.81	0.74	0.81	0.97	0.91	−3	+9	−5	−15	−5	−6	−4	−15	+19	−28	2	0.72
30069		06 19 40.95	−34 23 47.7	5.76		H	94.920 638 79	−34.396 595 37		8.24	4.39	1.84	0.40	0.43	0.53	0.46	0.48	−6	+4	+5	−14	+0	+14	−1	−10	+1	−13	1	0.58
30070		06 19 41.14	+12 17 33.7	7.65		H	94.921 422 51	+12.292 683 75		3.11	2.25	−7.86	1.00	0.72	1.06	1.60	0.97	+9	−13	−35	−35	−14	+19	−6	−42	+7	+47	0	0.33
30071		06 19 41.22	−17 31 34.4	7.25		H	94.921 743 20	−17.526 213 54		1.38	0.84	−5.74	0.60	0.57	0.86	0.81	0.69	+17	+8	−18	−23	−28	+20	−21	−36	+26	+12	3	0.57
30072		06 19 42.00	+11 00 28.0	8.23		H	94.925 009 95	+11.007 790 41		3.31	−2.48	1.92	1.31	0.66	1.48	0.92	0.66	−9	+74	−24	−27	−13	−31	−21	−24	−8	+18	0	0.34
30073		06 19 42.80	−07 49 22.5	5.27	1	H	94.928 337 19	−07.822 910 23		3.96	−4.31	0.70	0.57	0.46	0.80	0.70	0.59	−7	+37	−24	−29	−6	−19	−1	−39	+24	−3	0	0.37
30074		06 19 43.64	+38 26 07.0	7.15		G	94.931 820 06	+38.435 280 43		8.74	33.97	−26.97	0.89	0.57	0.92	1.22	0.70	+9	+20	−12	+24	−22	+0	−16	−16	+14	+15	0	0.39
30075	H	06 19 45.23	+22 06 38.8	8.69	2	G	94.938 464 61	+22.110 786 29	A	1.87	7.97	4.22	2.88	2.12	2.26	3.27	2.21	−4	+23	−32	−8	−27	+24	−7	−52	+36	+20	0	2.37
30076		06 19 46.09	−04 30 35.6	9.11	2	H	94.942 055 96	−04.509 882 55		−0.80	−2.24	−3.19	2.50	1.93	2.76	2.52	2.13	+2	+19	−21	−35	+0	+4	+4	−54	+21	+1	0	
30077		06 19 47.67	−42 45 10.5	7.91		H	94.948 625 08	−42.752 907 29		12.20	3.28	122.09	0.51	0.55	0.64	0.61	0.77	−1	+6	−14	−12	−6	+13	−4	−42	+22	+3	4	−0.94
30078		06 19 47.79	−37 03 04.2	9.36		H	94.949 121 89	−37.051 156 55		1.44	3.61	12.94	0.75	0.83	0.96	0.79	0.95	−6	+12	−4	−5	−1	+9	−1	+5	−5	−6	0	−1.43
30079		06 19 47.95	−39 29 11.3	6.61		H	94.949 777 73	−39.486 476 03		4.63	7.24	−3.63	0.45	0.51	0.59	0.45	0.60	+4	+2	−5	+1	−9	+18	−10	−7	+6	+2	0	0.11
30080		06 19 48.09	−25 24 22.2	8.24		H	94.950 378 91	−25.406 161 95		3.99	7.60	−16.53	0.55	0.71	0.96	0.68	0.81	−6	+9	−14	−1	−19	−2	−16	+8	+13	−13	1	−0.48
30081		06 19 48.13	−35 33 10.1	8.54		H	94.950 527 55	−35.552 805 16		3.73	−11.14	−19.44	0.59	0.69	0.82	0.65	0.74	−5	+17	+1	+12	−3	+14	−3	−7	+6	−10	0	1.06
30082		06 19 49.00	+50 59 14.1	9.53		G	94.954 180 12	+50.987 255 71		7.42	−4.49	−43.10	1.32	0.90	1.46	1.53	1.06	−12	+28	−5	+15	+40	+4	+37	−3	+2	−21	0	0.60
30083		06 19 49.61	−43 53 59.7	8.17		H	94.956 728 51	−43.899 918 42		7.92	−2.99	−7.38	0.57	0.54	0.66	0.61	0.70	−5	−7	+6	−14	−2	+0	−3	−25	+0	−9	0	−2.04
30084		06 19 49.74	−43 00 44.8	8.60		H	94.957 236 75	−43.012 446 59		1.19	−2.29	−15.03	0.63	0.70	0.76	0.64	0.88	+7	−1	−4	−13	−6	+5	−10	−41	+11	−4	0	−0.44
30085		06 19 50.70	−39 28 47.8	8.19		H	94.961 241 79	−39.479 942 81		4.67	8.69	−1.69	0.63	0.76	0.85	0.63	0.94	+4	−2	−10	−3	−12	+17	−14	−12	+7	+4	0	−1.30
30086	H	06 19 55.10	−07 15 02.3	7.61		H	94.979 575 58	−07.250 629 73	*	2.37	−2.29	−1.36	1.24	0.77	1.09	1.11	0.83	−6	+32	−7	−10	−1	−50	+1	−36	+1	+8	1	−0.76
30087		06 19 55.61	+71 59 32.7	9.09		H	94.981 696 45	+71.992 408 85		0.47	−2.64	−3.73	0.52	0.76	1.11	0.56	0.82	+2	+11	−6	+15	+7	+20	+10	−7	+1	+7	0	1.68
30088		06 19 57.37	−13 59 34.9	6.67		G	94.989 054 18	−13.993 027 62		7.73	−10.16	5.62	0.55	0.52	0.92	0.88	0.76	+17	+16	−9	−10	−33	+26	−27	−43	+3	+29	1	0.48
30089		06 19 58.22	−10 38 14.5	8.85	2	H	94.992 593 71	−10.637 362 91		2.62	−10.98	−21.10	1.89	1.58	2.37	2.42	2.21	−40	+32	−30	−57	+29	−17	+33	−66	+35	−42	1	−1.44
30090		06 19 58.72	−20 31 51.9	8.19		G	94.994 687 31	−20.531 082 15		3.87	2.81	−8.32	0.50	0.59	0.94	0.53	0.58	−15	+7	−3	+45	−30	+12	−26	+16	+8	−8	0	1.58
30091	H	06 19 58.96	+28 25 36.6	7.28		H	94.995 680 98	+28.426 839 27	*	11.56	11.27	−30.98	2.09	1.46	2.76	3.60	2.41	−20	+32	−45	+7	−15	+21	+15	−49	+41	−16	2	0.36
30092	H	06 19 59.32	−17 41 01.0	8.48		H	94.997 171 70	−17.683 624 54	A	3.37	−2.02	5.17	1.44	1.45	1.93	1.92	1.52	+23	+9	−41	−19	−37	+42	−18	−34	+21	+33	0	0.14
30093		06 19 59.60	−02 56 40.2	4.91	1	H	94.998 351 60	−02.944 490 28		6.44	−7.31	−1.00	0.66	0.45	0.73	0.70	0.52	+22	+11	−2	−10	−5	−24	−6	−43	+1	+20	0	1.33
30094		06 19 59.87	−61 19 47.2	6.95		H	94.999 466 60	−61.329 782 10		7.55	−9.05	68.72	0.58	0.56	0.60	0.68	0.66	−12	+9	−1	−6	−12	−14	−9	−4	+24	−39	0	−0.06
30095		06 20 00.45	−30 27 16.1	8.99		H	95.001 873 17	−30.454 484 33		9.78	−11.65	−13.34	0.70	0.83	1.10	0.85	0.98	−3	+0	−20	−4	−14	+26	−9	+1	−7	−7	0	0.61
30096		06 20 01.48	+59 51 18.1	8.01		H	95.006 183 00	+59.855 037 55		3.84	−11.96	−10.66	0.88	0.67	1.07	0.98	0.73	−1	+41	−31	+32	+12	+9	+22	−5	+18	+18	0	−1.53
30097		06 20 02.26	+37 11 02.7	8.63		H	95.009 403 74	+37.184 094 85		3.96	4.61	−18.97	1.09	0.70	1.19	1.25	0.73	−18	+46	−33	+24	−18	+15	+6	−22	+15	+29	0	−0.52
30098		06 20 03.77	+38 20 45.7	10.74		H	95.015 710 57	+38.346 032 46		0.68	101.14	−182.96	2.26	1.39	2.31	2.96	1.65	+9	+19	−19	+25	−10	+2	−5	−28	+17	+15	0	0.32
30099		06 20 04.23	+14 39 04.2	5.67	1	G	95.017 615 80	+14.651 168 99		5.95	−6.26	−17.27	0.81	0.52	0.88	0.81	0.57	−5	+35	−5	−9	+15	+4	+16	−30	−16	+33	0	−0.39
30100		06 20 04.34	+56 55 31.4	8.86		H	95.018 101 84	+56.925 377 09		2.94	−6.51	2.20	0.99	0.72	1.23	1.07	0.89	+14	+44	−5	+11	+17	−9	+23	+11	+22	+6	0	0.74

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
30001	8.920	0.009	8.220	0.008		0.632	0.015	G	0.70	0.01	H	8.2715	0.0018	0.019	150		8.25	8.30					1							S
30002	7.852	0.011	6.729	0.006		0.970	0.015	G	0.95	0.01	H	6.7784	0.0014	0.008	82		6.76	6.79					1							S
30003	7.724	0.009	6.681	0.007		0.906	0.009	T	0.91	0.01	L	6.7359	0.0007	0.007	80		6.72	6.75		C			1							S
30004	6.867	0.003	7.003	0.004		−0.126	0.002	G	−0.12	0.00	H	7.0014	0.0007	0.011	191		6.99	7.02			06191−2500	I 3	1							S
30005	9.893	0.025	8.538	0.014		1.148	0.022	T	1.11	0.02	L	8.5626	0.0018	0.013	83		8.54	8.60		C			1							
30006	9.143	0.015	9.065	0.018		0.070	0.015	G	0.08	0.02	H	9.1045	0.0020	0.017	128		9.08	9.13		C			1							
30007	7.688	0.006	7.667	0.006		0.012	0.002	G	0.03	0.00	H	7.6746	0.0014	0.015	148		7.65	7.70					1							S
30008	10.699	0.041	9.243	0.020		1.227	0.036	T	1.19	0.04	L	9.2657	0.0019	0.015	104		9.24	9.29		C			1							
30009	8.010	0.009	7.887	0.010		0.119	0.013	T	0.13	0.01	L	7.9191	0.0009	0.009	70		7.90	7.94		D			1							S
30010	11.215	0.081	9.156	0.023		1.743	0.069	T	2.44	0.11	O	8.9631	0.0042	0.032	81		8.92	9.02		U 2			1 G							
30011	5.579	0.002	5.751	0.002		−0.155	0.002	G	−0.15	0.00	H	5.7333	0.0005	0.006	180		5.72	5.75					1							S
30012	10.159	0.025	9.089	0.017		0.927	0.023	T	0.92	0.02	L	9.1342	0.0014	0.016	113		9.11	9.17		D			1							
30013	9.296	0.017	9.200	0.021		0.094	0.025	T	0.11	0.03	L	9.2069	0.0024	0.017	87		9.18	9.24		C			1							
30014	7.466	0.009	7.413	0.010		0.054	0.012	T	0.07	0.01	L	7.4317	0.0010	0.007	76		7.42	7.45			06190+1242	I 1	1							S
30015	8.209	0.012	7.920	0.014		0.298	0.007	G	0.34	0.01	H	7.9817	0.0022	0.015	82		7.96	8.00					1							S
30016	10.721	0.036	8.727	0.012		1.689	0.031	T	2.08	0.07	O	8.6001	0.0019	0.021	117		8.56	8.64					1							
30017	9.139	0.013	9.122	0.017		0.016	0.019	T	0.04	0.02	L	9.1355	0.0017	0.019	115		9.10	9.17		C			1							
30018	11.216	0.083	10.253	0.054		0.737	0.001	G	0.78	0.00	H	10.3659	0.0038	0.027	76		10.32	10.40		C			1							G
30019	6.154	0.003	6.263	0.004		−0.094	0.004	T	−0.08	0.01	L	6.2459	0.0014	0.009	95		6.23	6.26	15.02	P 1 A			1							S
30020	9.835	0.025	9.275	0.023		0.524	0.030	T	0.60	0.03	L	9.3192	0.0024	0.018	81		9.29	9.36		C			1							
30021	8.589	0.012	7.513	0.008		0.931	0.011	T	0.93	0.01	L	7.5729	0.0015	0.013	92		7.55	7.60					1							S
30022	9.466	0.011	8.100	0.006		1.157	0.010	T	1.12	0.01	L	8.1336	0.0013	0.017	241		8.11	8.17					1 S							
30023	7.497	0.006	6.898	0.006		0.561	0.003	G	0.63	0.00	H	6.9478	0.0008	0.006	122		6.94	6.96					1							S
30024	7.665	0.007	7.753	0.009		−0.075	0.010	T	−0.05	0.01	L	7.7417	0.0024	0.017	101		7.72	7.76		M			1							S
30025	6.582	0.006	6.705	0.006		−0.120	0.015	G	−0.11	0.02	H	6.6945	0.0006	0.005	77		6.68	6.70					1							S
30026	7.753	0.009	7.631	0.010		0.098	0.015	G	0.11	0.02	H	7.6482	0.0014	0.011	96		7.63	7.67		C			1							S
30027	9.126	0.013	7.441	0.007		1.408	0.012	T	1.39	0.01	L	7.4420	0.0016	0.014	120		7.42	7.46					1							S
30028	6.161	0.003	6.220	0.004		−0.043	0.001	G	−0.02	0.00	H	6.2177	0.0005	0.005	104		6.21	6.23					1							S
30029	8.242	0.011	7.901	0.013		0.374	0.015	G	0.44	0.02	H	7.9316	0.0012	0.009	89		7.91	7.95		C			1							S
30030	8.651	0.012	8.019	0.011		0.587	0.014	T	0.66	0.01	L	8.0757	0.0025	0.026	96		8.02	8.12		U 2			1							
30031	8.374	0.014	7.028	0.007		1.141	0.012	T	1.10	0.01	L	7.0688	0.0008	0.008	80		7.05	7.08		C			1							S
30032	8.665	0.010	8.193	0.010		0.445	0.013	T	0.51	0.01	L	8.2466	0.0009	0.011	123		8.23	8.27		D			1							S
30033	9.455	0.015	8.767	0.013		0.635	0.016	T	0.70	0.01	L	8.8318	0.0023	0.022	140		8.80	8.87					1							
30034	10.243	0.029	9.245	0.020		0.861	0.027	T	0.90	0.03	L	9.2746	0.0050	0.047	125		9.21	9.36		U 2			1							
30035	9.434	0.020	9.286	0.024		0.142	0.029	T	0.16	0.03	L	9.3166	0.0017	0.016	79		9.29	9.35		C			1							
30036	10.248	0.040	8.978	0.023		1.082	0.036	T	1.04	0.03	L	9.0145	0.0021	0.015	66		8.99	9.04		C			1							
30037	9.978	0.023	9.248	0.020		0.655	0.023	T	0.72	0.02	L	9.2921	0.0025	0.021	100		9.27	9.33					1							
30038	7.503	0.007	6.964	0.006		0.513	0.007	T	0.59	0.01	L	7.0234	0.0009	0.007	88		7.01	7.04		C			1							S
30039	7.392	0.004	7.315	0.006	*	0.069	0.006	T	0.08	0.01	L	*	7.3465	0.0008	0.011	196	*	7.33	7.37		D	06191−2500	I 3	2 C A	AD	309	0.515	0.018	3.49	0.09	S
30040	9.475	0.013	8.329	0.009		0.985	0.012	T	0.97	0.01	L		8.3962	0.0015	0.018	197		8.37	8.43			06191−2500	I 3	1							
30041	9.134	0.017	8.539	0.016		0.594	0.017	G	0.66	0.02	H		8.5750	0.0042	0.031	73		8.53	8.62		U 2			1 S							
30042	7.775	0.007	7.792	0.009	*	−0.014	0.010	T	0.01	0.01	L	*	7.8650	0.0011	0.016	130	*	7.84	7.89		D	06193−1232	I 1	2 C A	AB	48	6.631	0.007	2.54	0.04	S
30043	8.593	0.011	8.309	0.012		0.270	0.015	T	0.30	0.02	L		8.3623	0.0018	0.017	87		8.33	8.39		C			1							S
30044	8.388	0.011	7.991	0.012		0.388	0.014	T	0.45	0.01	L		8.0469	0.0014	0.014	108		8.02	8.07					1							S
30045	9.778	0.021	8.772	0.015		0.837	0.015	G	0.88	0.01	H		8.8203	0.0014	0.015	114		8.79	8.84					1							
30046	7.212	0.009	6.947	0.006		0.252	0.010	T	0.28	0.01	L		6.9810	0.0014	0.012	83		6.96	7.00		U 2			1							S
30047	11.896	0.120	11.120	0.093		0.750	0.020	G	0.79	0.01	H		11.3338	0.0041	0.053	146		11.25	11.42					1							G
30048	9.325	0.016	8.036	0.010		1.073	0.007	G	1.04	0.01	H		8.0676	0.0030	0.022	99		8.03	8.10		U 2			1							S
30049	7.480	0.008	7.011	0.008		0.442	0.010	T	0.51	0.01	L		7.0578	0.0012	0.008	81		7.04	7.07			06194+2317	I 1	1							S
30050	9.025	0.012	8.436	0.011		0.524	0.003	G	0.60	0.00	H		8.5018	0.0013	0.011	106		8.48	8.52					1							S
30051	7.462	0.006	6.946	0.009		0.470	0.015	G	0.54	0.02	H		7.0008	0.0007	0.006	78		6.99	7.01		C	06194+1326	I 2	1							S
30052	8.901	0.014	8.926	0.018		−0.018	0.021	T	0.00	0.02	L		8.9760	0.0014	0.017	90		8.95	9.01		C			1							
30053	10.579	0.034	9.109	0.017		1.238	0.030	T	1.20	0.03	L		9.1207	0.0019	0.014	113		9.09	9.14					1							
30054	8.045	0.008	8.061	0.010		−0.018	0.002	G	0.00	0.00	H		8.0716	0.0011	0.012	118		8.05	8.09		C			1							S
30055	9.011	0.021	7.752	0.014		1.130	0.015	G	1.09	0.02	H		7.8010	0.0009	0.011	78		7.79	7.82		C	06194+1326	I 2	1							
30056	7.894	0.008	7.929	0.010		−0.027	0.012	T	−0.01	0.01	L		7.9245	0.0010	0.011	80		7.90	7.94					1							S
30057	8.726	0.011	8.083	0.010		0.596	0.015	G	0.67	0.01	H		8.1577	0.0016	0.014	103		8.14	8.19					1							S
30058	7.071	0.004	6.794	0.004		0.264	0.005	T	0.30	0.01	L		6.8397	0.0009	0.012	227		6.82	6.86		M			1							S
30059	8.956	0.018	8.378	0.017		0.543	0.015	G	0.62	0.01	H		8.4657	0.0017	0.013	77		8.45	8.49		C			1							
30060	4.484	0.003	4.449	0.003		0.032	0.004	T	0.05	0.00	L		4.4594	0.0004	0.004	87		4.45	4.47		C			1 O							S
30061	9.519	0.022	9.028	0.022	A	0.510	0.015	G	0.58	0.02	H	*	9.0225	0.0017	0.014	82	*	8.99	9.04		D	06196+5223	H 1	2 C D	AB	244	2.089	0.044	3.30	0.17	D
30062	8.205	0.008	6.437	0.004		1.473	0.007	T	1.49	0.01	L		6.4204	0.0012	0.013	156		6.40	6.44		U 2			1							S
30063	8.689	0.010	8.578	0.012		0.100	0.014	T	0.11	0.01	L		8.6070	0.0014	0.015	128		8.58	8.64					1							
30064	8.008	0.007	6.967	0.005		0.905	0.006	T	0.91	0.00	L		7.0217	0.0007	0.008	123		7.01	7.03		C			1 G							S
30065	7.858	0.005	6.948	0.004		0.807	0.005	T	0.83	0.00	L		7.0129	0.0008	0.009	228		7.00	7.03					1							S
30066	9.191	0.012	7.453	0.006		1.450	0.011	T	1.45	0.02	L		7.4370	0.0014	0.015	160		7.41	7.46					1							S
30067	7.290	0.006	6.686	0.005		0.562	0.006	T	0.64	0.01	L		6.7368	0.0007	0.006	82		6.73	6.75		C			1							S
30068	10.685	0.041	9.233	0.020		1.224	0.036	T	1.18	0.04	L		9.3178	0.0019	0.018	100		9.29	9.35		C			1							
30069	5.649	0.002	5.742	0.003		−0.080	0.003	T	−0.06	0.00	L		5.7368	0.0004	0.006	141		5.73	5.75		C			1							S
30070	7.521	0.010	7.620	0.011		−0.107	0.015	G	−0.09	0.02	H		7.6162	0.0020	0.012	61		7.60	7.63		C	06197+1218	I 1	1							S
30071	7.159	0.005	7.232	0.007		−0.080	0.015	G	−0.06	0.02	H		7.2320	0.0012	0.011	124		7.21	7.25		C			1							S
30072	8.144	0.011	8.240	0.014		−0.040	0.015	G	−0.02	0.01	H		8.2257	0.0018	0.012	54		8.21	8.24		C			1							
30073	5.023	0.002	5.228	0.002		−0.177	0.002	T	−0.18	0.00	L		5.2032	0.0009	0.007	136		5.19	5.22		M			1							S
30074	7.584	0.008	7.192	0.008		0.370	0.015	G	0.43	0.02	H		7.2364	0.0017	0.008	70		7.22	7.25			06197+3826	I 1	1							S
30075	9.129	0.019	8.883	0.018	A	0.294	0.009	G	0.34	0.01	R	*	8.6848	0.0042	0.037	79	−	8.65	8.76		U 2	06198+2207	I 1	4 C C							G
30076	9.390	0.017	9.158	0.019		0.221	0.024	T	0.24	0.03	L		9.1779	0.0042	0.027	104		9.15	9.23		U 2			1 X S							
30077	8.375	0.010	7.964	0.009		0.389	0.012	T	0.45	0.01	L		7.9999	0.0011	0.012	121		7.98	8.02		C			1							
30078	11.072	0.048	9.472	0.020		1.341	0.041	T	1.31	0.05	L		9.5161	0.0028	0.019	123		9.49	9.55					1							
30079	8.222	0.009	6.732	0.005		1.254	0.008	T	1.21	0.01	L		6.7676	0.0007	0.009	119		6.75	6.79			06198−3929	I 2	1							S
30080	9.705	0.015	8.355	0.009		1.144	0.014	T	1.11	0.01	L		8.4053	0.0017	0.021	181		8.37	8.44					1							
30081	9.961	0.022	8.637	0.012		1.124	0.020	T	1.09	0.02	L		8.7097	0.0018	0.016	126		8.69	8.74		C			1							
30082	9.953	0.028	9.501	0.029		0.340	0.015	G	0.40	0.02	H		9.6034	0.0033	0.023	93		9.56	9.70					1							
30083	8.517	0.009	8.184	0.009		0.321	0.014	T	0.37	0.02	L		8.2509	0.0017	0.013	117		8.23	8.27		C			1							S
30084	10.540	0.031	8.738	0.013		1.500	0.027	T	1.53	0.04	L		8.7220	0.0016	0.018	118		8.69	8.75					1							
30085	9.336	0.018	8.266	0.012		0.927	0.016	T	0.92	0.01	L		8.3459	0.0017	0.017	119		8.31	8.38			06198−3929	I 2	1							
30086	7.553	0.005	7.609	0.007	*	−0.046	0.008	T	−0.02	0.01	L	*	7.6024	0.0012	0.011	133	*	7.58	7.62		D	06199−0715	I 1	2 C A	AB	184	0.273	0.004	1.09	0.05	
30087	9.269	0.011	9.104	0.013		0.158	0.016	T	0.17	0.02	L		9.1475	0.0016	0.022	214		9.11	9.19		C			1							
30088	6.640	0.003	6.671	0.004		−0.026	0.002	G	0.00	0.00	H		6.6767	0.0009	0.008	148		6.66	6.69					1							S
30089	9.420	0.013	9.057	0.014		0.344	0.018	T	0.40	0.02	L		8.9532	0.0037	0.042	151		8.87	9.00		U 2	06200−1038	I 1	1 S							
30090	8.233	0.008	8.183	0.009		0.020	0.002	G	0.04	0.00	H		8.2136	0.0011	0.014	172		8.19	8.24					1							S
30091	7.648	0.012	7.412	0.013	−						T	*	7.3536	0.0013	0.008	67	−	7.34	7.38		D	06200+2826	I 1	3 C A							S G
30092	8.830	0.015	8.546	0.017	*	0.269	0.024	T	0.30	0.03	L	*	8.5540	0.0017	0.018	108	*	8.52	8.59		D	06200−1741	I 1	2 C A	AB	240	0.724	0.006	1.47	0.02	
30093	7.006	0.006	5.104	0.004		1.613	0.006	T	1.90	0.03	O		5.0033	0.0014	0.011	106		4.99	5.03		U 2			1							S
30094	8.443	0.010	7.059	0.006		1.171	0.009	T	1.13	0.01	L		7.1125	0.0009	0.009	106		7.10	7.13		C			1							S
30095	9.546	0.018	9.035	0.017		0.490	0.019	T	0.56	0.02	L		9.0983	0.0022	0.024	145		9.06	9.14					1							
30096	10.047	0.026	8.181	0.011		1.580	0.015	G	1.52	0.09	L		8.1313	0.0017	0.016	89		8.11	8.16		C			1							
30097	8.777	0.016	8.627	0.019		0.144	0.023	T	0.16	0.02	L		8.6834	0.0017	0.017	76		8.65	8.71		C			1							
30098	11.522	0.111	10.962	0.112		0.746	0.126	G	0.79	0.09	R		10.8860	0.0044	0.034	70		10.83	10.94		C			1							G
30099	7.751	0.008	5.861	0.006		1.578	0.031	G	1.78	0.03	C		5.7744	0.0023	0.014	70		5.75	5.79		U 2			1							S
30100	9.244	0.020	8.892	0.021		0.347	0.004	G	0.41	0.01	H		8.9430	0.0017	0.015	75		8.92	8.98		C			1							

Number HIP		Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag			Position: epoch J1991.25 α (ICRS) deg	δ deg		Par. π mas	Proper Motion μα* mas/yr	μδ mas/yr	Standard Errors α* mas	δ mas	π mas	μα* mas/yr	μδ mas/yr	Astrometric Correlations (%) δ/α*	π/α*	π/δ	μα*/α*	μα*/δ	μα*/π	μδ/α*	μδ/δ	μδ/π	μδ/μα*	Soln F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
30101		06 20 04.50	+27 23 06.0	8.22		H	95.018 742 64	+27.385 013 04		3.25	−1.39	−2.56	1.16	0.88	1.10	1.60	1.11	+43	+8	−23	−32	−59	+26	−51	−67	+27	+48	0	0.76
30102		06 20 05.06	+24 34 00.3	7.64		G	95.021 086 66	+24.566 747 06		10.27	−65.88	1.06	1.26	0.86	1.59	1.38	0.93	−42	+60	−61	+26	−38	+37	+17	−57	+46	+21	0	1.86
30103		06 20 05.45	−23 06 19.2	7.92		H	95.022 710 46	−23.105 319 99		5.80	−4.40	−0.44	0.41	0.58	0.92	0.51	0.66	+0	+17	−15	−2	−17	+1	−14	+11	+7	+5	1	0.58
30104		06 20 05.93	−48 44 25.6	6.61		H	95.024 699 07	−48.740 443 38		38.92	235.06	−267.26	0.51	0.39	0.56	0.62	0.55	−1	+2	+4	+12	−2	−20	−2	−14	−14	+1	1	−0.41
30105	H	06 20 06.83	−07 52 19.0	6.94		G	95.028 465 86	−07.871 937 57	*	8.67	−8.55	−19.10	0.61	0.49	0.85	0.76	0.63	−14	+34	−21	−30	−5	−18	−2	−38	+16	+1	0	0.51
30106		06 20 07.56	−47 12 35.6	9.02		H	95.031 495 30	−47.209 875 80		11.10	−17.85	125.56	0.68	0.56	0.75	0.84	0.77	−7	+1	−8	+23	−7	+3	−5	−17	+0	−2	1	1.82
30107		06 20 08.63	−08 50 15.2	7.94		H	95.035 962 76	−08.837 564 66		5.73	14.44	−5.99	0.92	0.74	1.12	1.04	0.87	−22	+28	−15	−47	+29	−24	+24	−57	+8	−39	0	−0.19
30108		06 20 09.53	+46 38 48.8	8.03		H	95.039 706 62	+46.646 878 39		2.98	0.66	0.14	0.80	0.49	0.96	0.88	0.52	+4	+31	+2	+36	+27	+5	+24	+14	+13	−12	0	0.06
30109		06 20 10.14	−31 43 50.0	8.59		H	95.042 234 19	−31.730 549 00		2.26	−3.60	−11.86	0.60	0.74	0.83	0.72	0.86	−9	+19	−3	−1	−2	−7	−5	−25	+4	−22	0	−0.05
30110		06 20 12.12	+19 52 26.9	7.74		G	95.050 503 42	+19.874 138 90		2.56	7.88	−4.33	1.08	0.61	1.23	1.07	0.71	−17	+60	−34	+0	−31	+11	+5	−58	+31	+30	0	1.90
30111		06 20 13.24	−46 06 15.5	8.61		G	95.055 167 87	−46.104 300 06		10.47	2.89	−141.50	0.66	0.56	0.75	0.74	0.74	−3	+15	−3	−3	−5	−1	−7	−4	−14	+4	0	0.27
30112		06 20 13.28	+02 15 32.9	9.83		G	95.055 319 30	+02.259 142 33		35.74	−123.33	−97.79	1.43	1.05	1.53	1.49	1.17	+13	+24	+8	−42	−10	−22	−11	−63	−10	+12	0	0.59
30113		06 20 13.98	−42 00 59.3	8.68		G	95.058 254 25	−42.016 474 75		6.80	−1.87	−13.61	0.72	0.84	0.80	0.81	1.14	+16	−0	+5	+6	−10	+16	−11	−48	+0	+11	0	0.01
30114		06 20 14.28	−10 43 29.9	7.69		H	95.059 501 69	−10.724 969 62		19.83	70.92	−16.20	0.88	0.64	1.02	1.11	0.83	−33	+29	−29	−57	+14	−1	+22	−68	+30	−28	0	−0.90
30115		06 20 14.61	+30 22 09.8	8.01		H	95.060 862 58	+30.369 383 24		8.45	−16.48	−53.49	1.02	0.62	1.10	1.32	0.75	−25	+32	−21	+16	+16	−23	+13	−29	+12	−24	0	−0.16
30116		06 20 15.75	−28 04 31.8	10.94		H	95.065 645 16	−28.075 496 72		10.68	217.23	18.87	1.11	1.59	1.89	1.34	2.03	−9	−3	−21	−15	−2	−9	−7	−37	+24	−19	0	−0.76
30117		06 20 16.02	+42 47 59.8	7.64		H	95.066 765 68	+42.799 941 97		3.82	23.83	−18.56	0.81	0.55	1.02	1.11	0.72	+18	+22	−16	−2	−12	+6	−2	−38	+26	+30	0	−0.43
30118		06 20 16.27	−02 03 16.6	7.57		H	95.067 792 25	−02.054 601 24		3.21	0.11	−4.63	0.73	0.51	0.81	0.77	0.59	+22	+29	−8	−13	−2	−21	−1	−46	+4	+26	0	0.11
30119		06 20 17.07	−10 52 55.6	7.22		H	95.071 138 74	−10.882 108 16		8.35	9.77	−26.65	0.80	0.58	0.92	0.98	0.76	−34	+31	−25	−56	+15	−2	+21	−65	+26	−32	0	−1.34
30120	H	06 20 17.14	+07 43 07.9	6.76		G	95.071 395 94	+07.718 862 55	A	3.55	0.19	−14.95	3.19	2.62	2.33	3.59	3.16	−68	+20	−14	−39	+47	−2	+43	−53	+3	−77	1	0.98
30121		06 20 17.46	−36 21 11.8	7.85		H	95.072 730 55	−36.353 267 19		7.00	3.63	8.90	0.53	0.62	0.71	0.60	0.72	−3	+7	−0	+12	−7	+13	−7	+11	+0	+9	1	−0.44
30122		06 20 18.79	−30 03 48.2	3.02	1	G	95.078 279 82	−30.063 376 56		9.70	8.00	3.81	0.40	0.43	0.58	0.54	0.51	+4	+3	−7	−11	−9	+25	−6	−6	−7	−7	0	−0.76
30123		06 20 18.96	+54 15 00.0	7.26		G	95.079 019 56	+54.250 008 38		9.29	−17.48	−92.49	0.86	0.59	1.02	0.95	0.64	−6	+34	−21	+8	+28	−13	+32	−13	+27	+2	0	0.21
30124		06 20 20.06	+09 07 11.2	9.75		H	95.083 573 52	+09.119 773 71		5.39	−1.79	−21.14	1.71	1.29	2.12	2.18	1.53	−1	+32	−43	+1	+48	−49	+22	+24	−38	+57	0	−0.93
30125		06 20 20.79	+65 37 35.6	8.53		H	95.086 620 89	+65.626 556 09		3.37	3.00	−16.82	0.63	0.71	1.09	0.70	0.83	+2	+25	−5	−12	−10	−3	−12	−9	−7	−22	0	1.03
30126		06 20 21.93	−55 31 33.4	11.04		G	95.091 360 17	−55.525 938 01		18.02	11.54	259.15	1.50	1.25	1.48	1.61	1.49	+0	−9	+3	+5	−10	+15	−13	−14	−8	−7	3	−1.30
30127		06 20 23.05	−01 17 43.5	7.99		H	95.096 047 86	−01.295 419 42		5.97	−4.21	−12.14	0.90	0.57	1.09	1.02	0.69	+0	+40	−24	−9	+7	−34	+9	−56	+22	+3	0	−1.26
30128		06 20 24.12	−67 56 44.2	9.56		H	95.100 497 28	−67.945 622 11		6.52	−14.29	17.24	0.71	0.87	0.86	0.73	0.97	+11	+13	+8	−17	+4	+14	+6	−27	+9	+23	4	−0.34
30129		06 20 24.49	+80 21 23.8	7.54		H	95.102 036 42	+80.356 606 76		16.86	−10.21	−99.84	0.48	0.55	0.65	0.50	0.62	+6	+16	−3	+6	+9	−4	+9	−4	−7	+17	1	−3.66
30130		06 20 24.63	+65 29 54.8	8.62		H	95.102 618 86	+65.498 554 89		19.93	12.46	−262.62	0.66	0.70	1.14	0.72	0.82	+2	+29	−4	−13	−5	+0	−8	−9	−15	−21	0	−0.91
30131	H	06 20 25.86	+41 40 39.0	10.60		H	95.107 745 04	+41.677 510 34	*	0.29	1.45	−5.67	9.23	3.12	2.73	3.08	2.07	−17	+22	−15	−19	+15	+4	+23	−33	+29	−20	0	0.38
30132		06 20 26.96	−49 06 15.5	6.81		H	95.112 316 71	−49.104 316 25		3.20	3.56	−2.75	0.53	0.41	0.56	0.62	0.56	−8	+3	−3	+11	−1	−13	−2	−12	−14	−3	0	−0.26
30133		06 20 28.16	−14 11 48.3	8.53		H	95.117 319 57	−14.196 748 42		3.93	1.72	−4.72	0.73	0.67	1.19	1.08	0.91	+14	+12	−13	−5	−24	+24	−20	−31	+10	+19	3	−0.30
30134		06 20 29.31	−37 30 13.2	8.05		G	95.122 121 43	−37.503 662 74		3.75	−7.19	−10.14	0.56	0.56	0.68	0.59	0.68	−3	+29	−4	+31	−4	+11	−6	+11	−8	−3	0	−0.83
30135		06 20 30.73	−32 36 08.2	9.04		H	95.128 038 45	−32.602 267 19		8.27	−2.34	−2.79	0.77	0.83	1.03	0.82	1.06	−15	+38	−5	+10	+7	+3	+13	−23	+13	−13	0	0.62
30136		06 20 31.75	−01 21 59.8	7.84		H	95.132 289 39	−01.366 604 26		5.04	−5.08	−12.25	0.89	0.53	1.07	0.95	0.63	+5	+48	−17	−6	+5	−34	+9	−50	+20	+7	0	1.00
30137		06 20 32.03	+28 41 17.5	8.78		H	95.133 474 63	+28.688 203 82		2.44	−2.49	0.63	1.33	0.94	1.51	2.00	1.36	+4	+15	−21	+7	−37	+2	−26	−40	+41	+4	0	−0.18
30138	H	06 20 33.58	+47 07 13.1	8.10		H	95.139 908 61	+47.120 293 09	A	3.18	−1.24	−9.07	2.46	1.42	2.27	2.24	1.23	−23	+16	−13	+14	+32	−11	+27	+6	+5	−28	12	2.36
30139		06 20 34.48	+18 02 56.8	7.58		H	95.143 663 10	+18.049 111 27		2.14	2.28	−7.68	1.13	0.65	1.19	1.19	0.75	−14	+49	−23	+24	−15	+14	+3	−43	+21	+5	0	−0.44
30140		06 20 34.80	−16 08 16.4	9.48		H	95.144 994 19	−16.137 886 20		6.51	−0.87	8.85	1.07	1.02	1.57	1.32	1.38	+31	+40	+24	−15	−24	+10	−30	−50	−16	+27	0	−0.28
30141		06 20 35.17	−23 38 16.1	6.49		H	95.146 544 93	−23.637 803 74		5.10	−20.73	−65.68	0.32	0.45	0.66	0.43	0.48	−8	+11	−15	+19	−18	+3	−14	+13	+8	−10	0	1.42
30142		06 20 35.32	+25 36 29.7	7.57		H	95.147 160 66	+25.608 255 96		1.68	21.09	−47.94	0.95	0.61	1.02	1.01	0.67	−2	+42	−11	+4	−4	+14	+4	−42	+5	+15	0	1.49
30143		06 20 36.24	−34 08 39.1	5.55	1	H	95.150 996 85	−34.144 192 95		1.62	0.42	19.94	0.38	0.46	0.53	0.43	0.55	−10	+3	+2	−11	+10	+21	+8	−29	−3	−21	0	0.93
30144		06 20 36.36	+25 11 20.5	7.08		H	95.151 504 48	+25.189 026 12		1.32	−4.87	−6.00	0.91	0.57	1.01	0.93	0.62	−17	+48	−25	+6	−15	+15	+6	−46	+19	+13	0	1.58
30145		06 20 36.91	−34 12 24.3	9.05		H	95.153 805 51	−34.206 742 40		2.43	3.07	−36.05	0.70	0.94	1.02	0.77	1.07	−6	+10	+19	−3	+3	+5	−2	−25	+0	−25	0	0.22
30146		06 20 37.04	+18 02 27.1	8.88		H	95.154 313 43	+18.040 847 90		0.35	−0.88	−9.97	1.74	0.91	1.82	1.74	1.09	−8	+59	−15	+14	−11	+5	−1	−48	+12	+2	0	−1.17
30147		06 20 38.27	+01 30 13.8	9.64		H	95.159 449 33	+01.503 844 07		1.32	−2.94	16.97	1.45	1.08	1.53	1.51	1.23	−26	+39	−20	−35	+27	−6	+26	−64	+18	−36	0	0.26
30148		06 20 38.40	−38 09 35.0	8.74		H	95.159 997 25	−38.159 734 13		8.95	49.43	−16.51	0.70	0.71	0.86	0.78	0.84	−6	+22	−4	+17	−12	+10	−15	+13	−13	−9	0	1.60
30149		06 20 40.05	−09 53 27.6	6.90		G	95.166 885 31	−09.890 995 58		3.59	−7.75	−3.91	0.64	0.51	0.82	0.80	0.66	−22	+28	−28	−36	+7	−11	+10	−51	+28	−22	0	−0.86
30150		06 20 40.92	−46 40 40.7	7.92		H	95.170 499 33	−46.677 982 73		2.33	−3.21	−22.59	0.60	0.50	0.67	0.72	0.66	−1	+13	−9	+16	+2	+13	+4	−1	−6	+5	0	−0.21
30151		06 20 41.10	−35 38 53.0	8.59		G	95.171 235 19	−35.648 053 17		3.37	−2.16	6.48	0.57	0.69	0.80	0.63	0.78	+0	+14	−3	+11	−7	+15	−7	−11	−1	−2	0	0.50
30152		06 20 41.50	+66 37 45.2	8.90		H	95.172 918 65	+66.629 232 14		10.15	−8.23	−48.30	0.68	0.73	1.06	0.82	0.83	+15	+13	−7	−10	−3	−16	−6	−16	−6	+2	0	0.83
30153		06 20 42.06	+72 08 45.6	6.57		H	95.175 261 41	+72.145 995 86		3.98	5.31	−14.73	0.34	0.47	0.67	0.39	0.54	+5	+8	−4	+8	+4	+11	+5	−12	+5	+6	6	2.03
30154		06 20 42.75	+05 16 42.4	7.56		G	95.178 138 77	+05.278 439 46		10.78	−27.14	−30.44	0.84	0.68	1.03	1.01	0.79	−2	+32	−28	−4	−9	−26	−17	+10	−3	+0	0	0.35
30155		06 20 43.29	+15 41 39.2	8.98		H	95.180 378 77	+15.694 208 65		0.32	−3.01	−3.23	1.23	0.86	1.32	1.35	1.00	−23	+41	−15	+3	+0	+4	+0	−34	−4	−15	0	−1.37
30156		06 20 43.43	−36 41 57.3	9.32		H	95.180 954 66	−36.699 253 60		4.74	9.73	−9.28	0.77	0.94	1.07	0.81	1.09	−5	+3	+7	−11	+4	+23	+2	+7	−5	+0	0	−0.33
30157		06 20 45.38	−63 55 50.4	8.17		H	95.189 083 97	−63.930 670 13		3.82	2.18	−5.85	0.66	0.65	0.69	0.69	0.71	−8	+21	+2	+5	−21	+1	−23	−7	−2	−27	0	0.51
30158	H	06 20 46.68	−44 47 21.7	8.37		H	95.194 501 10	−44.789 366 84	A	17.00	188.45	82.39	0.90	0.83	0.94	0.85	1.06	−18	+3	+16	−21	+4	−23	+7	−10	+2	−17	0	0.26
30159		06 20 46.85	−24 18 00.6	7.44		G	95.195 204 67	−24.300 161 79		2.46	1.77	2.47	0.41	0.51	0.72	0.49	0.55	−11	+8	−9	+22	−19	−2	−18	+9	+8	−21	0	0.73
30160		06 20 47.56	−33 34 59.7	8.23		H	95.198 155 48	−33.583 252 87		4.54	−1.80	26.44	0.61	0.79	0.91	0.68	1.01	−9	+7	+10	+3	+11	+27	+7	−28	−2	−19	0	0.18
30161		06 20 47.59	+39 20 39.0	8.51		H	95.198 299 02	+39.344 170 95		1.08	4.69	−14.79	1.03	0.67	1.25	1.41	0.89	−10	+26	−16	+17	−8	−5	−2	−24	+31	−14	0	1.22
30162		06 20 48.33	+05 44 26.2	8.06		G	95.201 394 41	+05.740 604 01	A	−0.03	2.01	−1.64	2.93	2.42	2.77	2.75	2.28	−16	+34	−29	−7	+2	−16	−5	−8	−7	−10	4	1.19
30163		06 20 48.37	−55 40 30.6	9.28		H	95.201 526 11	−55.675 175 78		1.91	1.17	−8.22	0.86	0.74	0.85	0.98	0.87	+1	+1	+7	+4	−11	+10	−14	−11	−12	−8	0	0.01
*30164		06 20 50.00	+05 44 41.4	10.25		H	95.208 330 12	+05.744 831 62	B	0.50	8.45	−0.14	24.11	20.79	14.21	14.99	13.09	−21	+30	−24	−7	+5	−11	−2	−11	−10	−22	4	1.19
*30165		06 20 49.99	+52 08 54.0	7.44		H	95.208 301 95	+52.148 333 89		11.72	−23.61	−12.14	0.96	0.56	1.06	1.05	0.69	−20	+40	−10	+46	+12	+11	+30	−12	+34	−10	0	1.69
*30166	H	06 20 50.60	+84 10 44.5	8.73		H	95.210 845 39	+84.179 041 39	A	10.33	35.88	−22.33	1.87	1.75	1.91	1.98	1.76	+16	+17	−6	−7	+5	+4	+10	+14	+21	+9	2	0.82
*30167		06 20 50.45	−04 35 43.4	6.75		G	95.210 222 89	−04.595 377 47		14.38	33.05	−39.90	0.75	0.56	0.85	0.76	0.62	+6	+13	−29	−41	+1	−14	+2	−56	+19	+14	0	0.62
30168		06 20 51.35	+31 38 22.5	8.57		G	95.213 938 92	+31.639 581 45		10.54	−6.52	−59.12	1.00	0.60	1.06	1.09	0.63	+9	+38	−2	+15	−5	−5	−3	−22	−8	+25	0	0.09
30169		06 20 52.12	+11 45 22.4	6.54		H	95.217 159 89	+11.756 230 99		0.15	−4.99	−3.51	0.77	0.56	0.85	0.87	0.64	+2	+29	−18	−14	−6	−10	−9	−18	−11	+30	0	0.71
30170		06 20 53.87	−79 04 00.5	7.31		H	95.224 478 75	−79.066 800 87		8.68	−26.13	33.74	0.49	0.51	0.54	0.52	0.64	−11	+15	+5	+10	+2	+2	−2	+0	−21	−24	0	−0.16
*30171		06 20 55.35	−16 59 03.9	7.48		H	95.230 636 39	−16.984 424 07		5.35	104.42	−176.80	0.71	0.60	0.91	0.88	0.73	+15	+15	−14	−7	−27	+4	−23	−29	+31	−4	2	1.42
*30172		06 20 54.72	−37 29 36.5	7.88	1	H	95.228 014 97	−37.493 469 35		5.46	56.82	0.47	0.58	0.59	0.73	0.62	0.74	−3	+27	−5	+29	+2	+15	+1	+7	−7	−2	3	2.75
*30173		06 20 55.19	−62 21 14.6	7.65		H	95.229 948 65	−62.354 060 32		6.84	1.95	−14.96	0.58	0.55	0.59	0.64	0.58	−12	+11	−13	−8	−7	−2	−7	−18	+10	−30	1	0.66
30174		06 20 56.38	−29 40 14.4	6.99	2	T	95.234 927 22	−29.670 678 55		10.01	41.44	−77.97	0.49	0.53	0.71	0.65	0.65	+4	+3	+1	−10	−9	+16	−9	+0	−8	−1	2	−0.20
30175		06 20 57.89	−58 21 07.5	8.21		H	95.241 218 37	−58.352 091 31		3.04	−4.31	8.38	0.60	0.62	0.64	0.69	0.82	+1	+6	+10	+2	+0	−9	+1	+17	+3	+0	0	0.36
30176		06 20 58.28	−06 41 31.1	7.60		H	95.242 824 13	−06.691 963 83		5.39	−1.27	−1.82	0.70	0.52	0.94	1.06	0.73	−9	+31	−14	−29	+4	−30	+6	−38	+9	+8	0	−0.38
30177		06 20 59.18	+00 14 22.6	7.83		H	95.246 572 97	+00.239 608 02		1.97	−0.67	−20.95	0.83	0.61	0.91	0.81	0.65	+16	+22	−18	−22	−6	−21	−15	−45	+12	−8	2	−0.57
30178		06 20 59.50	+23 59 15.3	8.23		H	95.247 912 68	+23.987 578 50		5.04	25.80	−11.89	1.61	0.77	1.74	1.34	0.87	−27	+73	−28	+14	−20	+9	−3	−47	+15	−15	0	1.06
30179		06 21 00.10	−78 24 43.8	8.33		H	95.250 406 73	−78.412 159 25		15.84	−29.91	−19.18	0.60	0.67	0.67	0.65	0.81	−11	+8	−7	+14	−7	+6	−8	+11	−15	−12	0	−1.42
30180		06 21 00.78	+14 42 17.5	7.34		H	95.253 236 78	+14.704 861 52		3.80	1.49	−16.41	1.00	0.70	1.10	1.44	0.89	+12	+7	−23	−37	−20	+36	−14	−43	+13	+65	0	−0.26
30181		06 21 00.84	−03 30 11.1	7.82		G	95.253 498 13	−03.503 093 53		11.11	18.22	−33.72	0.91	0.61	0.96	0.84	0.68	+17	+24	−20	−41	−8	−11	−5	−65	+24	+13	0	0.19
30182		06 21 01.13	+30 15 09.8	10.78		H	95.254 717 34	+30.252 734 39		3.51	−10.16	−6.93	2.27	1.42	2.51	2.67	1.61	−36	+46	−32	+8	+0	+2	+13	−48	+21	−19	0	0.32
30183		06 21 01.90	−54 56 03.8	8.43		H	95.257 918 45	−54.934 400 51		11.79	29.45	−92.56	0.74	0.60	0.69	0.79	0.71	+4	+6	−3	+20	−16	+10	−19	−3	+1	−7	1	0.70
30184		06 21 02.84	−17 57 27.1	8.09		H	95.261 821 79	−17.957 535 20		1.65	−0.07	−5.23	0.73	0.70	1.04	0.89	0.88	+24	−11	−14	−30	−25	+22	−27	−40	+29	+6	2	1.75
30185		06 21 02.90	+02 34 07.8	7.25	2	H	95.262 083 25	+02.568 839 06		3.75	−16.26	−22.70	1.02	0.78	1.12	0.89	0.77	+11	+44	+1	−47	−9	−25	−20	−31	−26	+28	10	0.60
30186	H	06 21 03.15	+36 18 47.5	8.11		H	95.263 123 06	+36.313 196 13	A	7.87	4.69	−17.21	1.83	1.18	1.75	1.83	1.15	−29	+35	−13	−1	+6	+0	+8	−30	+8	−21	1	−0.42
30187		06 21 03.93	+09 45 42.9	7.97		H	95.266 377 74	+09.761 925 44		−0.88	−0.30	0.61	0.83	0.67	1.03	1.05	0.75	−1	+17	−38	+12	+18	−38	+3	+13	−25	+34	0	1.64
30188		06 21 04.10	+29 22 18.2	7.02		G	95.267 069 92	+29.371 715 16		17.81	−28.30	13.55	0.97	0.73	1.22	1.41	0.94	−10	+28	−41	+4	−26	+18	+1	−61	+47	+17	0	−0.96
30189		06 21 04.62	+67 42 59.7	11.32		G	95.269 238 57	+67.716 588 29		11.61	−49.02	−186.19	1.56	1.87	2.59	1.81	2.06	−13	+13	−24	−17	+8	−7	+8	−18	+10	−11	0	0.94
30190		06 21 05.43	−11 49 02.4	6.32	1	H	95.272 621 16	−11.817 329 32		2.49	3.02	1.98	0.61	0.50	0.76	0.65	0.57	−6	+31	−21	−39	−14	+0	−7	−49	+23	−4	0	2.15
30191		06 21 06.13	+07 32 08.1	7.57		H	95.275 522 26	+07.535 571 15		3.75	−3.03	−18.97	0.97	0.69	1.08	1.03	0.83	−17	+53	−23	−26	+18	−16	+12	−17	−2	−21	0	−2.35
30192		06 21 06.65	−41 33 13.1	9.40		H	95.277 705 31	−41.553 641 51		3.65	3.77	3.97	0.76	0.77	0.93	0.80	1.07	+4	−7	+6	−9	−9	+1	−14	−24	+6	+0	0	−0.39
30193		06 21 08.81	−16 40 38.0	8.03		H	95.286 700 92	−16.677 221 88		5.76	−12.45	12.33	0.70	0.65	0.96	0.92	0.83	+19	+21	−3	−12	−32	+1	−30	−29	+10	+7	0	0.60
30194		06 21 09.48	−35 07 28.4	8.51	2	H	95.289 493 13	−35.124 557 93		8.10	6.12	−28.34	1.08	1.22	1.45	1.19	1.43	−6	+21	+9	−13	+8	+12	+5	−21	−4	−16	3	
30195	H	06 21 09.97	−05 29 07.8	11.01		G	95.291 528 01	−05.485 491 24	*	1.27	−7.04	3.59	5.55	3.40	2.76	3.35	2.46	+10	+9	−3	−37	−21	−9	−22	−48	+10	+34	1	−0.02
30196		06 21 10.62	−19 15 08.9	9.68		G	95.294 231 57	−19.252 483 10		0.29	13.73	−25.01	0.81	0.87	1.21	0.87	0.89	+15	+7	+7	+6	−51	+6	−48	−13	+2	+33	3	−0.35
30197		06 21 10.85	−04 21 00.1	7.91		H	95.295 200 64	−04.350 038 85		4.84	−5.16	−4.08	0.91	0.64	0.89	0.93	0.73	−12	+0	−8	−52	+20	+5	+22	−66	+6	−15	0	−0.30
30198		06 21 10.86	+51 43 31.1	9.02		H	95.295 268 43	+51.725 292 68		2.62	5.16	−1.46	1.28	0.93	1.42	1.74	1.25	−19	+19	−5	+13	+32	+5	+28	−4	+1	−42	2	1.17
30199		06 21 11.30	−44 45 31.0	7.70		H	95.297 067 39	−44.758 597 24		1.57	−7.78	11.39	0.51	0.43	0.58	0.55	0.62	−9	+16	−1	−12	+3	−9	+2	−11	−8	−9	0	1.51
30200	H	06 21 11.91	+29 32 27.3	6.41		H	95.299 632 45	+29.540 927 45	*	9.64	9.48	−45.66	0.98	0.75	1.29	1.36	0.95	−16	+36	−48	+2	−24	+18	+9	−66	+53	+16	0	0.84

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
30101	8.324	0.023	8.250	0.028		0.073	0.034	T	0.08	0.04	L	8.2525	0.0013	0.014	69		8.22	8.28		C			1							
30102	8.363	0.010	7.706	0.010		0.602	0.015	G	0.67	0.01	H	7.7621	0.0012	0.008	71		7.75	7.78		C			1							S
30103	8.188	0.007	7.926	0.008		0.246	0.011	T	0.28	0.01	L	7.9916	0.0013	0.016	229		7.97	8.03					1							S
30104	7.410	0.006	6.683	0.005		0.657	0.006	G	0.66	0.07	F	6.7406	0.0008	0.007	104		6.72	6.76					1							S
30105	7.290	0.005	6.984	0.005	*	0.308	0.015	G	0.35	0.02	H	* 7.0111	0.0010	0.010	147	*	6.99	7.03		C	06201−0752	H 1	2 C S A	AB	98	0.159	0.009	1.06	0.32	S
30106	9.699	0.018	9.063	0.016		0.585	0.018	T	0.66	0.02	L	9.1437	0.0020	0.016	116		9.12	9.17					1							
30107	9.178	0.015	8.058	0.010		0.965	0.014	T	0.95	0.01	L	8.1053	0.0016	0.018	107		8.08	8.14					1							
30108	9.392	0.015	8.139	0.009		1.068	0.014	T	1.03	0.01	L	8.1982	0.0012	0.012	137		8.18	8.22		C			1							S
30109	10.281	0.023	8.724	0.012		1.307	0.020	T	1.27	0.02	L	8.7462	0.0014	0.019	138		8.70	8.78		C			1							
30110	9.272	0.018	7.870	0.010		1.100	0.015	G	1.06	0.02	H	7.9132	0.0013	0.008	100		7.90	7.93					1							S
30111	9.151	0.015	8.653	0.014		0.468	0.002	G	0.54	0.00	H	8.7197	0.0016	0.015	111		8.70	8.75					1							
30112	11.757	0.121	9.970	0.041		1.273	0.006	G	1.45	0.01	I	9.9244	0.0029	0.021	83		9.89	9.96		C			1							G
30113	9.095	0.013	8.727	0.013		0.402	0.015	G	0.47	0.02	H	8.7785	0.0016	0.015	122		8.75	8.81		C			1 G							
30114	8.525	0.007	7.773	0.006		0.687	0.007	T	0.74	0.01	L	7.8267	0.0009	0.011	163		7.81	7.85		C			1							S
30115	8.448	0.012	8.052	0.012		0.397	0.015	G	0.46	0.02	H	8.0993	0.0014	0.009	71		8.08	8.12		C			1							S
30116	11.646	0.079	11.022	0.077		0.771	0.015	G	0.81	0.01	H	11.0822	0.0041	0.045	153		11.01	11.15					1							G
30117	8.859	0.012	7.747	0.009		0.958	0.012	T	0.95	0.01	L	7.8004	0.0011	0.012	86		7.77	7.82		C			1							
30118	7.620	0.007	7.570	0.008		0.037	0.015	G	0.05	0.01	H	7.5843	0.0009	0.010	141		7.57	7.60		C			1							S
30119	7.605	0.006	7.269	0.005		0.319	0.007	T	0.37	0.01	L	7.3000	0.0007	0.008	172		7.29	7.31					1							S
30120	6.702	0.007	6.762	0.009	*	−0.040	0.015	G	−0.02	0.01	H	* 6.7461	0.0011	0.009	50	*	6.73	6.76		D	06203+0743	I 1	2 C A	AB	63	0.447	0.004	0.07	0.02	S
30121	8.045	0.008	7.882	0.009		0.149	0.011	T	0.16	0.01	L	7.9048	0.0011	0.013	112		7.89	7.93		C			1 G							S
30122	2.803	0.002	2.988	0.002		−0.160	0.002	T	−0.20	0.02	A	2.9524	0.0004	0.004	126		2.94	2.96		M	06203−3003	I 1	1							S
30123	7.724	0.009	7.305	0.007		0.402	0.015	G	0.47	0.02	H	7.3544	0.0013	0.010	76		7.33	7.37		C			1							S
30124	10.127	0.053	9.747	0.054		0.360	0.070	T	0.42	0.08	L	9.8348	0.0045	0.024	40		9.79	9.87					1							G
30125	9.925	0.017	8.650	0.011		1.086	0.016	T	1.05	0.01	L	8.7022	0.0017	0.020	159		8.66	8.74					1							
30126						1.120	0.020	G	1.20	0.03	I	11.1781	0.0030	0.032	110		11.12	11.24		C			1							G
30127	8.115	0.008	7.991	0.010		0.085	0.004	G	0.10	0.00	H	8.0273	0.0015	0.012	116		8.01	8.05		C			1							S
30128	9.994	0.022	9.596	0.023		0.389	0.027	T	0.45	0.03	L	9.6472	0.0017	0.022	102		9.60	9.68					1							
30129	8.097	0.006	7.586	0.007		0.480	0.008	T	0.55	0.01	L	7.6475	0.0009	0.012	152		7.63	7.67					1							S
30130	9.475	0.014	8.706	0.011		0.700	0.014	T	0.76	0.01	L	8.7657	0.0014	0.019	172		8.74	8.80		C			1							
30131	10.907	0.048	10.759	0.066	*	0.142	0.077	T	0.16	0.08	L	* 10.6497	0.0026	0.027	113	*	10.60	10.70			06204+4141	H 1	2 C C	AB	298	0.244	0.090	2.43	0.91	G
30132	8.338	0.011	6.942	0.006		1.180	0.010	T	1.14	0.01	L	6.9717	0.0012	0.009	114		6.96	6.99		C			1							S
30133	8.538	0.008	8.525	0.010		0.017	0.012	T	0.04	0.01	L	8.5434	0.0020	0.020	146		8.51	8.59					1							
30134	8.406	0.010	8.063	0.010		0.330	0.015	G	0.38	0.02	H	8.1230	0.0020	0.018	115		8.10	8.15					1							S
30135	9.570	0.015	9.081	0.015		0.472	0.016	T	0.54	0.02	L	9.1414	0.0022	0.018	121		9.11	9.19		C			1							
30136	7.910	0.008	7.835	0.009		0.054	0.015	G	0.07	0.01	H	7.8588	0.0011	0.009	116		7.85	7.87		C			1							S
30137	10.304	0.039	8.914	0.021		1.176	0.035	T	1.14	0.03	L	8.9499	0.0030	0.014	58		8.93	8.97		C			1							
30138	8.088	0.010	8.033	0.012	*	0.056	0.015	T	0.07	0.01	L	* 8.1244	0.0009	0.012	136	*	8.11	8.16		D	06206+4707	I 1	2 C A	AB	272	8.892	0.006	0.37	0.01	S
30139	9.172	0.016	7.713	0.009		1.230	0.014	T	1.19	0.01	L	7.7410	0.0015	0.011	84		7.72	7.76		C	06206+1803	I 2	1							
30140	9.581	0.018	9.451	0.022		0.118	0.026	T	0.13	0.03	L	9.5313	0.0026	0.021	111		9.49	9.57					1							
30141	7.950	0.005	6.616	0.003		1.132	0.005	T	1.10	0.01	L	6.6588	0.0008	0.010	243		6.64	6.68					1							S
30142	9.404	0.018	7.711	0.009		1.414	0.016	T	1.39	0.03	L	7.7104	0.0016	0.012	88		7.69	7.73					1							
30143	5.295	0.003	5.506	0.003		−0.182	0.004	T	−0.19	0.01	L	5.4788	0.0014	0.015	143		5.45	5.50		U 2			1							S
30144	7.088	0.007	7.075	0.008		0.017	0.010	T	0.04	0.01	L	7.0957	0.0006	0.005	77		7.09	7.11			06206+2511	I 1	1							S
30145	10.470	0.042	9.196	0.024		1.085	0.038	T	1.05	0.03	L	9.2223	0.0023	0.021	138		9.19	9.27		C			1							
30146	10.344	0.037	8.932	0.019		1.193	0.033	T	1.15	0.03	L	9.0421	0.0030	0.019	81		9.01	9.07		C	06206+1803	I 2	1							
30147	11.160	0.073	9.745	0.035		1.195	0.063	T	1.15	0.06	L	9.8047	0.0036	0.025	81		9.76	9.84		C			1							G
30148	9.958	0.020	8.819	0.013		0.972	0.019	T	0.96	0.01	L	8.8890	0.0014	0.013	113		8.86	8.92					1							
30149	7.029	0.004	6.908	0.004		0.097	0.015	G	0.11	0.02	H	6.9390	0.0009	0.009	154		6.92	6.96		C			1							S
30150	9.756	0.021	8.075	0.010		1.404	0.018	T	1.38	0.02	L	8.0613	0.0017	0.012	115		8.04	8.08					1							
30151	8.495	0.010	8.558	0.013		−0.075	0.002	G	−0.05	0.00	H	8.5679	0.0016	0.014	115		8.54	8.59		C			1							
30152	9.610	0.015	8.969	0.014		0.595	0.018	T	0.67	0.02	L	9.0264	0.0021	0.017	132		8.99	9.06					1							
30153	8.291	0.007	6.747	0.003		1.297	0.006	T	1.26	0.01	L	6.7289	0.0006	0.009	215		6.71	6.74		C	06207+7209	I 1	1 G							S
30154	7.923	0.012	7.589	0.011		0.315	0.001	G	0.36	0.00	H	7.6397	0.0016	0.009	52		7.62	7.66		C			1							S
30155	9.280	0.022	9.043	0.025		0.221	0.033	T	0.24	0.04	L	9.0526	0.0028	0.019	65		9.01	9.08		C			1							
30156	10.507	0.033	9.418	0.020		0.932	0.030	T	0.93	0.02	L	9.4689	0.0028	0.023	120		9.43	9.51					1							
30157	9.882	0.020	8.352	0.010		1.285	0.018	T	1.24	0.02	L	8.3312	0.0017	0.013	118		8.31	8.35		C			1							
30158	9.221	0.021	8.393	0.015	*	0.746	0.020	T	0.79	0.01	L	* 8.5193	0.0016	0.018	132	*	8.49	8.55		D	06208−4447	I 1	2 C A	AB	8	6.953	0.008	2.29	0.03	
30159	7.295	0.004	7.418	0.005		−0.113	0.002	G	−0.10	0.00	H	7.4100	0.0010	0.012	196		7.39	7.43					1							S
30160	10.041	0.027	8.391	0.013		1.380	0.024	T	1.35	0.03	L	8.3827	0.0014	0.018	134		8.35	8.42					1							
30161	9.667	0.024	8.616	0.017		0.912	0.022	T	0.91	0.02	L	8.6708	0.0017	0.016	82		8.65	8.70		C			1							
30162	10.350	0.042	8.227	0.015	A	1.930	0.130	G	2.59	0.33	K	7.9803	0.0171	0.041	45	A	7.88	8.04		D	06208+0544	I 2	1 C P C							
30163	10.856	0.042	9.399	0.021		1.228	0.037	T	1.19	0.04	L	9.4493	0.0023	0.021	115		9.42	9.48		C			1							
30164	10.401	0.057	10.075	0.065	B	0.309	0.080	T	0.35	0.11	L	10.3168	0.0943			B				D	06208+0544	I 2	1 C I C							
30165	7.679	0.007	7.469	0.008		0.201	0.010	T	0.22	0.01	L	7.5022	0.0018	0.012	81		7.49	7.53					1 G							S
30166	9.674	0.020	9.035	0.018	A	0.700	0.495	G	0.59	0.08	L	* 8.8451	0.0015	0.017	130	*	8.81	8.87		D	06208+8411	I 1	2 C A	AB	206	1.290	0.006	0.24	0.02	
30167	7.054	0.005	6.791	0.006		0.281	0.006	G	0.32	0.01	H	6.8240	0.0010	0.008	106		6.81	6.84		C			1							S
30168	9.136	0.014	8.655	0.014		0.516	0.015	G	0.59	0.02	H	8.6876	0.0022	0.018	89		8.67	8.72		C			1							
30169	6.408	0.005	6.528	0.007		−0.104	0.008	T	−0.09	0.01	L	6.5056	0.0013	0.007	55		6.49	6.52					1							S
30170	8.656	0.010	7.444	0.007		1.036	0.010	T	1.01	0.01	L	7.4778	0.0008	0.009	126		7.46	7.50					1							S
30171	8.486	0.010	7.565	0.008		0.801	0.010	T	0.83	0.01	L	7.6187	0.0015	0.015	123		7.60	7.64					1							
30172	8.898	0.013	8.002	0.010		0.782	0.013	T	0.82	0.01	L	8.0205	0.0018	0.014	114		8.00	8.05		M			1 S							S
30173	7.926	0.010	7.675	0.011		0.234	0.014	G	0.26	0.02	H	7.7152	0.0012	0.009	106		7.69	7.73					1							S
30174	7.387	0.017	7.023	0.018		0.372	0.015	G	0.43	0.02	H	7.0832	0.0223	0.198	138		6.93	7.42	0.62	P 1 A			1							S
30175	8.251	0.008	8.200	0.010		0.046	0.011	T	0.06	0.01	L	8.2304	0.0014	0.012	114		8.21	8.25					1							S
30176	7.548	0.005	7.592	0.008		−0.048	0.003	G	−0.03	0.00	H	7.5956	0.0009	0.011	122		7.57	7.61					1							S
30177	9.569	0.018	7.968	0.009		1.341	0.016	T	1.31	0.02	L	7.9823	0.0014	0.013	102		7.96	8.01					1							
30178	8.916	0.015	8.286	0.014		0.586	0.018	T	0.66	0.02	L	8.3587	0.0011	0.010	81		8.34	8.37					1							
30179	9.020	0.012	8.371	0.010		0.595	0.012	T	0.67	0.01	L	8.4538	0.0013	0.014	112		8.43	8.49					1							S
30180	7.194	0.008	7.320	0.011		−0.100	0.015	G	−0.08	0.02	H	7.3066	0.0026	0.012	43		7.29	7.32					1							S
30181	8.287	0.009	7.880	0.009		0.385	0.012	T	0.45	0.01	L	7.9217	0.0010	0.010	122		7.91	7.94		C			1							S
30182	11.490	0.116	10.747	0.089		0.569	0.107	G	0.64	0.10	R	10.9008	0.0039	0.028	68		10.85	10.96		C			1							G
30183	9.157	0.013	8.457	0.011		0.633	0.013	T	0.70	0.01	L	8.5644	0.0017	0.015	112		8.53	8.60		C			1							
30184	8.108	0.010	8.089	0.012		0.018	0.014	T	0.04	0.01	L	8.1039	0.0015	0.015	108		8.08	8.13		C			1							S
30185	9.147	0.019	7.497	0.010		1.406	0.018	T	2.84	0.04	O	7.1957	0.0101	0.040	46		7.13	7.24	1.13	P 1 A	06210+0234	I 1	1 S							S P
30186	9.385	0.021	8.259	0.015	*	0.969	0.020	T	0.95	0.02	L	* 8.2712	0.0023	0.013	72	*	8.25	8.29		D	06211+3619	I 1	2 C A	AB	110	0.629	0.009	1.57	0.03	
30187	7.758	0.011	7.930	0.017		−0.160	0.015	G	−0.16	0.02	H	7.9155	0.0020	0.012	49		7.89	7.93		C			1							
30188	7.449	0.010	7.053	0.006		0.375	0.011	T	0.44	0.01	L	7.1044	0.0009	0.007	66		7.09	7.11		C			1							S
30189	12.313	0.177	11.235	0.118		0.995	0.005	G	1.04	0.01	I	11.5159	0.0039	0.044	125		11.41	11.60					1							G
30190	8.551	0.009	6.528	0.004		1.676	0.008	T	1.70	0.01	L	6.4293	0.0011	0.012	136		6.41	6.45		M			1							S
30191	7.669	0.010	7.560	0.011		0.106	0.014	T	0.12	0.01	L	7.6070	0.0016	0.010	48		7.59	7.63		C			1							S
30192	10.017	0.020	9.453	0.019		0.532	0.020	T	0.60	0.02	L	9.5185	0.0017	0.020	121		9.49	9.56					1							
30193	8.118	0.008	8.031	0.009		0.078	0.011	T	0.09	0.01	L	8.0636	0.0019	0.017	121		8.04	8.09					1							
30194	8.876	0.013	8.533	0.014		0.332	0.021	T	0.39	0.03	L	8.5918	0.0024	0.027	114		8.51	8.63		U 2			1 X S							
30195						0.435	0.015	G	0.50	0.02	H	* 11.1249	0.0041	0.034	89	*	11.08	11.18		D	06212−0529	H 1	2 C B	AB	212	0.239	0.018	0.62	0.28	G
30196	10.702	0.033	9.848	0.025		0.793	0.011	G	0.82	0.01	H	9.8323	0.0019	0.019	162		9.79	9.87		C			1							G
30197	7.860	0.008	7.900	0.010		−0.035	0.015	G	−0.01	0.01	H	7.9058	0.0009	0.009	111		7.89	7.92		C			1							S
30198	10.445	0.047	9.114	0.026		1.129	0.042	T	1.09	0.04	L	9.1834	0.0019	0.023	79		9.13	9.22		D			1 S							
30199	7.535	0.007	7.669	0.008		−0.125	0.004	G	−0.11	0.01	H	7.6567	0.0013	0.010	120		7.64	7.68					1							S
30200	6.459	0.006	6.408	0.006	*	0.048	0.009	G	0.06	0.01	H	* 6.4334	0.0009	0.005	65	*	6.42	6.44		D	06212+2932	H 1	2 C S B	AB	204	0.170	0.017	2.49	0.31	S

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α (ICRS) deg (8)	δ deg (9)	(10)	π mas (11)	μα* mas/yr (12)	μδ mas/yr (13)	α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	F1 % (29)	F2 (30)
*30201	H	06 21 14.51	−67 34 59.2	9.18		H	95.310 445 62	−67.583 122 69	A	4.67	7.95	10.88	1.25	1.26	1.20	1.27	1.45	−6	+24	−6	−7	−9	+14	−9	−6	+5	−5	2	0.66
*30202		06 21 14.48	+21 07 56.8	7.34		H	95.310 340 68	+21.132 434 08		4.03	−4.43	0.25	0.89	0.52	0.92	1.00	0.63	+10	+41	−6	+7	−24	+3	−20	−36	+13	+4	0	1.72
30203		06 21 14.76	−26 29 24.0	8.24		G	95.311 482 62	−26.489 991 19		1.28	0.36	4.02	0.55	0.68	0.95	0.70	0.78	−6	+16	−12	+2	−11	−1	−10	−4	+1	−4	0	0.82
30204		06 21 15.04	−14 18 17.5	8.12		H	95.312 682 00	−14.304 866 36		2.55	−2.26	1.30	0.69	0.66	1.12	1.04	0.85	+25	+4	−21	−8	−33	+26	−28	−36	+16	+21	3	−2.02
30205		06 21 17.89	+42 20 25.4	6.79		H	95.324 553 60	+42.340 377 08		3.94	−2.73	−32.21	0.80	0.50	0.96	0.94	0.60	+10	+43	−15	−2	−5	+3	+7	−37	+22	+25	4	−0.10
30206		06 21 19.34	−44 46 25.2	8.81		G	95.330 584 21	−44.773 663 52		1.49	1.99	22.42	0.65	0.58	0.76	0.68	0.87	−12	+15	+3	−18	+9	−12	+10	−18	−8	−14	1	0.63
30207		06 21 19.58	−16 48 13.6	7.54		H	95.331 581 87	−16.803 774 39		3.45	−6.74	4.35	0.65	0.61	0.92	0.80	0.70	+17	+23	−1	−10	−28	+8	−24	−28	+15	+0	0	−1.10
*30208		06 21 19.91	+45 06 25.4	8.49	2	H	95.332 951 82	+45.107 049 84		1.87	0.93	−11.50	0.95	0.70	1.12	1.21	0.81	−5	+27	−8	−25	+0	+16	+7	−51	+10	+19	0	−0.69
*30209	H	06 21 19.85	−75 07 40.9	8.00		G	95.332 723 39	−75.128 040 96	A	7.96	23.97	−2.84	0.91	0.80	0.80	0.92	0.86	−3	+11	−11	−10	−13	−3	−13	+1	−5	−10	2	1.90
30210		06 21 20.30	−01 13 14.7	7.57		H	95.334 571 04	−01.220 736 79		1.65	−2.05	−2.56	0.84	0.55	0.97	0.89	0.64	+20	+43	−3	−13	−4	−30	−3	−45	+4	+20	0	−1.38
30211		06 21 22.15	+21 11 59.2	7.62		H	95.342 309 12	+21.199 775 52		8.42	6.19	−14.13	0.94	0.57	0.99	1.04	0.68	+11	+38	−8	−5	−21	+4	−15	−48	+12	+14	0	1.74
30212		06 21 22.75	−10 31 34.0	8.74		H	95.344 781 64	−10.526 121 83		1.89	0.54	−4.68	0.98	0.75	1.14	1.21	0.99	−21	+30	−23	−54	+5	−10	+9	−67	+27	−23	0	−0.89
30213		06 21 22.76	−54 21 06.8	8.36		G	95.344 816 74	−54.351 896 19		10.51	−4.63	60.57	0.65	0.55	0.64	0.69	0.69	+5	+13	−2	+6	−11	+11	−13	+2	+0	+0	0	0.70
30214	T	06 21 24.72	−11 46 23.7	5.48	2	H	95.352 990 81	−11.773 243 72		1.95	−4.25	2.37	1.24	1.04	1.53	1.34	1.23	−10	+28	−23	−45	−6	+2	−2	−54	+13	+4	0	
30215		06 21 25.04	−60 01 19.1	6.96		H	95.354 321 63	−60.021 972 89		5.83	−8.53	0.98	0.47	0.49	0.50	0.51	0.55	−5	−2	+0	+22	−11	−4	−13	+8	+3	−12	0	0.89
30216		06 21 25.67	−33 04 18.0	7.63		H	95.356 946 88	−33.071 667 44		3.65	−9.50	5.60	0.58	0.70	0.82	0.70	0.84	−12	+25	−20	+22	+1	+23	+0	−37	+6	−19	0	0.91
30217	H	06 21 25.78	+02 16 06.9	6.30		G	95.357 415 82	+02.268 587 74	*	9.76	−15.90	−26.84	1.70	1.12	1.05	1.16	0.94	+9	+23	−12	−24	−6	−20	−12	−31	−18	+16	4	1.24
30218		06 21 25.91	+17 45 49.0	6.32		H	95.357 971 71	+17.763 606 11		7.81	20.16	−42.26	0.93	0.57	0.96	1.04	0.68	+8	+44	−9	+14	−16	+9	−8	−40	+13	+15	0	−0.58
30219		06 21 26.30	+06 28 12.6	8.24	3	H	95.359 602 37	+06.470 165 00		−1.18	1.97	−0.66	1.03	0.77	1.14	0.92	0.74	+23	+31	−7	−37	−3	−3	−11	−35	−24	+17	0	0.53
30220		06 21 27.70	+17 17 42.3	9.09		H	95.365 396 22	+17.295 086 74		24.89	10.55	−189.30	1.48	0.93	1.61	1.67	1.11	−3	+43	−11	+7	−14	+4	+2	−45	+20	+13	0	1.21
30221		06 21 28.12	+62 24 05.4	7.74		H	95.367 153 86	+62.401 497 52		4.44	−5.56	−134.61	0.69	0.63	0.91	0.75	0.66	−3	+23	+2	−5	+4	+2	+0	−25	−9	−14	0	−0.31
30222		06 21 29.19	+32 24 14.8	8.85		H	95.371 641 53	+32.404 119 78		4.84	5.43	−19.45	1.09	0.75	1.20	1.42	0.83	+18	+22	−18	−5	−30	+17	−16	−45	+11	+42	0	−0.42
30223		06 21 31.19	−29 09 02.6	7.72		H	95.379 953 53	−29.150 733 16		15.66	−4.10	41.53	0.88	1.07	1.35	1.10	1.26	−4	+1	−7	−9	−5	+5	−6	−21	+11	−16	1	
30224		06 21 32.45	+71 15 37.5	8.18		H	95.385 199 93	+71.260 412 50		6.38	5.60	22.59	0.40	0.55	0.79	0.48	0.63	+4	+12	+6	+22	+8	+4	+8	+2	+7	+3	1	1.42
30225		06 21 33.11	−22 12 51.0	8.48		G	95.387 958 55	−22.214 171 90		35.92	25.23	−240.22	0.68	0.68	1.11	0.81	0.77	−2	+13	+8	+55	−12	+11	−6	+22	−8	+15	0	0.80
*30226		06 21 33.33	+33 57 51.6	10.25		G	95.388 872 59	+33.964 335 73		7.21	34.59	−215.83	1.56	1.09	1.77	2.23	1.39	+6	+28	+21	−7	−5	+15	−16	−46	−16	−19	2	0.82
*30227		06 21 33.32	+52 31 13.9	8.01	2	H	95.388 835 72	+52.520 530 67		0.88	6.53	−7.32	0.79	0.58	0.97	0.96	0.68	+16	+20	+3	+27	+23	+0	+18	−9	+14	−1	2	0.01
30228		06 21 35.43	−49 20 07.1	8.59		H	95.397 630 22	−49.335 316 29		7.80	−9.43	15.30	0.71	0.57	0.74	0.83	0.78	−10	+6	−1	−14	+1	−2	+0	−5	−14	−6	0	−0.48
30229		06 21 35.67	+19 53 31.4	7.29		G	95.398 639 75	+19.892 063 67		0.45	0.00	−4.20	1.03	0.65	1.30	1.18	0.76	−23	+53	−54	+14	−36	+28	+10	−60	+47	+28	0	0.07
30230		06 21 36.55	+56 11 05.8	8.82		H	95.402 275 80	+56.184 933 38		14.13	−32.47	−45.43	0.95	0.70	1.16	1.09	0.82	+10	+30	−2	+14	+30	−9	+28	+3	+6	+0	0	0.13
30231	H	06 21 37.38	−11 04 11.4	8.82		H	95.405 730 46	−11.069 821 24	A	5.25	−6.63	−25.54	1.94	1.55	2.02	2.13	1.73	−21	+28	−18	−44	+10	+3	+13	−61	+21	−29	1	0.18
30232		06 21 37.38	−18 09 59.2	7.73		G	95.405 740 30	−18.166 445 84		22.64	−45.96	−98.94	0.66	0.65	0.94	0.77	0.80	+9	+13	−6	−22	−14	+2	−13	−25	+11	−12	0	0.05
30233		06 21 37.88	−19 50 25.5	7.90		H	95.407 841 40	−19.840 410 61		0.91	12.62	−1.30	0.60	0.65	0.90	0.61	0.67	+5	−8	+2	+23	−44	+2	−44	+5	+18	+10	1	0.97
30234	H	06 21 38.98	+25 00 25.4	8.68		H	95.412 430 90	+25.007 055 79	*	5.97	0.18	−13.46	5.27	5.98	2.48	2.31	1.51	−8	+29	−21	−4	−24	+39	−21	−53	+21	−3	2	−0.47
30235		06 21 39.48	−49 32 47.4	9.36		H	95.414 505 86	−49.546 506 98		7.89	24.77	16.74	0.85	0.69	0.90	1.00	0.98	−11	−1	+2	−17	+8	+12	+8	−8	−18	−5	0	−1.12
30236		06 21 40.25	−25 21 05.0	8.09		G	95.417 722 64	−25.351 379 74		6.17	18.74	−37.49	0.51	0.64	0.91	0.65	0.75	+4	+9	−6	+1	−20	−3	−18	+12	+3	+1	0	0.32
30237		06 21 40.74	−56 21 44.2	6.79	2	H	95.419 770 59	−56.362 290 82		2.65	−6.76	−7.41	0.53	0.45	0.51	0.58	0.51	−9	−2	+7	+16	−13	+4	−15	+5	+2	−21	1	−0.44
30238		06 21 41.78	−08 14 09.6	6.96	1	H	95.424 089 91	−08.236 009 78		4.19	−1.17	−16.28	0.76	0.54	1.03	0.76	0.62	−9	+57	−22	−46	+6	−40	+7	−51	+22	−17	0	−0.35
30239		06 21 42.03	+36 04 57.1	8.85		H	95.425 134 99	+36.082 520 25		10.84	5.78	8.48	1.24	0.76	1.34	1.24	0.76	−16	+49	−9	−8	−16	+1	−14	−40	−12	−2	2	−0.31
30240		06 21 42.91	−09 40 58.5	7.36		H	95.428 792 82	−09.682 914 08		3.07	−6.69	2.80	0.72	0.57	0.91	0.95	0.74	−34	+31	−27	−36	+9	−3	+20	−61	+28	−17	0	0.15
30241		06 21 43.39	+21 14 28.9	8.50		H	95.430 800 94	+21.241 353 21		5.38	−4.75	−12.86	1.17	0.72	1.24	1.20	0.81	+0	+44	−3	−11	−22	+1	−9	−59	+9	+17	4	1.00
*30242		06 21 43.61	+79 46 54.0	7.91		H	95.431 707 22	+79.781 671 11		2.43	−8.57	−6.06	0.57	0.61	0.75	0.64	0.71	+8	+14	+7	+8	+11	+13	+12	−20	+1	+16	0	−2.40
*30243		06 21 43.54	−00 32 19.5	7.63		H	95.431 407 38	−00.538 746 78		24.33	−3.61	−156.66	0.79	0.59	0.92	0.90	0.69	+16	+24	−16	−11	−4	−24	−5	−33	+14	+16	0	0.02
30244		06 21 43.69	−27 30 25.6	8.11		H	95.432 026 30	−27.507 105 82		14.58	6.59	−19.97	0.56	0.66	0.87	0.68	0.82	−1	−1	−12	+1	−13	+2	−13	−11	+12	−2	0	0.88
30245		06 21 44.97	+12 51 43.0	6.68		H	95.437 368 13	+12.861 956 04		7.79	−4.72	−7.59	0.89	0.75	1.18	1.29	0.85	+0	+26	−62	−11	−25	+19	−7	−32	+19	+70	3	−0.40
30246		06 21 45.31	+45 36 40.1	7.15		H	95.438 781 93	+45.611 138 21		2.76	2.97	−11.65	0.74	0.54	0.86	0.96	0.62	+16	+25	−9	−8	−19	+18	−7	−43	+13	+41	0	0.58
30247		06 21 46.11	+53 27 08.6	5.34		H	95.442 117 05	+53.452 395 15		17.54	22.24	−88.91	0.60	0.45	0.73	0.67	0.48	+13	+22	−15	+29	+29	−10	+26	−4	+12	+7	2	−1.15
30248		06 21 47.04	+02 20 32.9	7.29		H	95.446 007 98	+02.342 459 49		2.62	0.10	−7.22	0.75	0.61	0.85	0.67	0.59	−20	+36	−19	−24	+10	−14	+4	−18	−7	+1	0	0.84
30249		06 21 47.10	+37 26 42.3	9.67		H	95.446 244 35	+37.445 071 98		1.80	−2.08	−14.92	1.38	0.91	1.67	1.67	1.05	−18	+45	−41	+20	−21	+23	+7	−34	+30	+20	0	0.72
30250		06 21 48.10	+31 00 53.3	9.02		H	95.450 409 82	+31.014 792 84		3.90	5.18	−12.99	1.14	0.69	1.22	1.29	0.74	−5	+31	−16	+23	−5	−7	+2	−14	+1	+18	0	−0.49
30251		06 21 48.55	−15 06 31.3	9.48		G	95.452 290 66	−15.108 694 18		0.71	−8.59	1.52	0.99	0.91	1.57	1.42	1.23	+23	+17	+4	−18	−16	+26	−14	−37	+19	+26	2	0.35
30252		06 21 50.05	−51 14 15.8	6.74		H	95.458 534 49	−51.237 719 11		13.84	12.53	4.66	0.49	0.40	0.51	0.54	0.47	−2	+10	−6	+2	−7	+7	−7	−2	−1	−8	0	−0.05
30253		06 21 50.47	+31 56 44.8	8.96		H	95.460 311 34	+31.945 786 02		4.35	9.53	−7.29	1.11	0.69	1.24	1.27	0.75	−12	+39	−24	+6	−6	+13	+10	−35	+14	+24	2	0.60
30254		06 21 51.16	+24 12 13.4	10.01		H	95.463 146 79	+24.203 721 40		1.92	−6.91	−29.77	1.97	1.07	2.16	1.66	1.11	−22	+66	−27	+9	−21	+17	+1	−50	+12	+11	0	−2.13
30255		06 21 52.62	+05 25 01.0	8.72		G	95.469 247 55	+05.416 932 24		2.84	−10.18	−8.41	1.10	0.84	1.30	1.15	0.91	+2	+39	−26	−25	−13	−22	−24	−22	−15	+23	0	1.66
30256		06 21 54.21	−22 43 26.5	10.76	2	G	95.475 865 13	−22.724 016 46		40.52	−633.29	279.48	4.79	6.12	9.15	5.83	7.15	+7	−3	−14	−15	−18	+12	−16	−16	+17	+0	0	
30257		06 21 55.42	+00 18 15.2	8.52		H	95.480 929 12	+00.304 215 32		1.44	−3.61	−0.95	0.92	0.76	1.14	1.11	0.89	−19	+34	−41	−17	+21	−33	+5	−26	+1	−17	0	−1.42
30258		06 21 55.95	−78 43 02.8	8.98		H	95.483 127 93	−78.717 450 04		21.14	−31.31	146.56	0.65	0.70	0.73	0.71	0.91	−18	+2	+14	+12	−1	+5	−2	−4	−22	−21	3	−0.83
30259		06 21 56.07	−42 16 17.1	8.60		H	95.483 615 92	−42.271 422 77		2.74	−4.08	21.44	0.69	0.62	0.81	0.72	0.82	+3	−7	−16	−15	−5	+11	−6	−23	+13	−3	0	0.42
30260		06 21 56.86	−40 52 50.7	9.25		H	95.486 917 31	−40.880 760 27		18.67	0.07	28.51	0.74	0.62	0.86	0.87	0.90	−5	+24	−2	+17	−6	+13	−9	−26	−7	−6	1	0.59
30261		06 21 57.26	−34 30 44.4	9.12		H	95.488 573 91	−34.512 321 74		16.61	−8.40	67.98	0.70	0.94	1.01	0.85	1.07	−11	+8	+5	−8	+10	+10	+5	−30	+1	−31	1	−0.11
30262		06 21 57.35	−06 26 28.3	8.63		H	95.488 961 51	−06.441 201 59		3.06	−8.76	−5.12	0.89	0.64	1.10	1.33	0.90	−18	+14	−5	−36	+16	−28	+17	−40	+16	−12	0	0.94
30263		06 21 58.17	−26 22 11.0	7.88	1	H	95.492 380 67	−26.369 709 22		2.19	−2.42	6.84	0.49	0.52	0.75	0.61	0.61	−5	+9	−12	+7	−16	−4	−14	−2	+9	−1	0	−0.37
30264		06 21 58.47	−08 13 46.8	7.78		H	95.493 627 23	−08.229 669 86		4.67	−13.98	−2.35	0.73	0.56	1.01	0.77	0.64	−3	+41	−14	−34	+0	−37	−2	−43	+17	−15	0	−2.70
30265		06 22 00.48	−09 29 38.2	8.18		H	95.501 997 19	−09.493 946 84		6.90	18.15	10.51	0.88	0.72	1.08	1.11	0.96	−34	+23	−26	−46	+14	−13	+16	−64	+20	−26	0	−0.49
30266	H	06 22 01.24	−02 01 45.6	8.61		H	95.505 178 06	−02.029 337 79	A	3.06	−4.33	−3.37	2.16	1.52	2.35	2.00	1.55	−8	+28	−29	−32	+19	−31	+14	−47	+24	−28	0	1.12
30267		06 22 01.30	+44 03 30.8	6.88		H	95.505 403 80	+44.058 568 03		8.82	6.34	−21.63	0.81	0.54	0.89	1.02	0.63	+13	+34	−10	+0	−7	+11	+6	−39	+14	+41	0	0.91
30268		06 22 01.34	+22 33 51.6	8.84		H	95.505 587 11	+22.564 342 55		2.99	2.13	−1.92	1.27	0.93	1.45	1.48	1.05	+10	+29	−35	−23	−47	+30	−19	−74	+36	+45	0	2.81
30269		06 22 02.50	−05 27 17.0	8.04		H	95.510 395 86	−05.454 732 01		3.22	0.49	0.52	0.99	0.70	0.98	1.02	0.78	+33	+18	+0	−51	−18	−21	−20	−58	+5	+12	0	1.51
30270		06 22 03.06	+34 35 51.0	7.64	2	H	95.512 738 32	+34.597 511 21		14.39	−2.05	−65.59	0.86	0.57	0.94	1.05	0.64	−14	+28	−4	+3	−1	+8	+0	−31	−11	−5	0	0.42
30271		06 22 03.11	−30 32 00.7	7.57	1	H	95.512 957 67	−30.533 535 24		1.83	−1.63	16.66	0.50	0.61	0.81	0.60	0.68	−2	+2	−12	+5	−9	+28	−6	−1	−5	−8	0	1.61
30272	H	06 22 03.56	+59 22 19.6	6.05		G	95.514 825 83	+59.372 097 83	A	7.73	−5.55	0.60	0.91	0.72	0.88	0.86	0.63	+1	+37	−1	+30	+15	−2	+15	+3	+3	+5	1	−0.22
30273		06 22 03.83	+29 57 51.0	7.01		H	95.515 977 66	+29.964 172 72		2.91	−4.45	−10.54	0.93	0.68	1.21	1.29	0.83	−5	+28	−46	+9	−43	+21	−12	−53	+49	+29	0	−1.21
30274		06 22 04.36	−35 02 36.7	7.24		H	95.518 179 75	−35.043 536 83		4.95	−5.43	−12.60	0.52	0.61	0.70	0.59	0.72	−11	+14	+6	−19	+18	+11	+16	−35	+6	−23	0	1.82
30275		06 22 04.82	+60 46 41.4	7.43		H	95.520 102 29	+60.778 165 18		10.93	−7.36	−56.73	0.74	0.58	0.91	1.00	0.75	+10	+21	−14	+1	−1	+14	+8	−10	+35	+14	0	−0.39
30276		06 22 06.15	−15 39 47.9	6.51		H	95.525 609 82	−15.663 317 77		7.05	−63.46	−47.84	0.58	0.54	0.84	0.83	0.74	+11	+14	−14	−26	−16	+18	−12	−42	+9	+15	0	0.62
30277		06 22 06.85	−33 26 10.6	3.85		G	95.528 521 47	−33.436 272 51	+	13.75	−24.19	−52.48	0.74	1.07	0.60	0.54	0.63	+43	+22	+6	+34	+24	+29	−12	−49	+3	−23	1	0.09
30278		06 22 08.10	+61 45 37.0	7.20		G	95.533 733 99	+61.760 272 03		16.21	−3.13	−119.07	0.70	0.59	0.86	0.87	0.63	+13	+20	−5	+4	+11	+17	+13	−14	+14	+19	0	−0.52
30279		06 22 08.59	−14 35 17.0	9.08		H	95.535 792 61	−14.588 055 26		0.75	−5.39	−2.70	1.13	0.98	1.71	1.69	1.32	+2	+8	−3	+11	−27	+24	−26	−27	+20	+0	3	2.12
30280		06 22 10.17	+09 34 05.4	10.83		H	95.542 373 24	+09.568 169 60		−2.93	3.67	1.49	2.26	1.67	2.65	3.22	2.13	+20	+22	−38	+18	+24	−41	+10	+11	−29	+56	0	−0.59
30281		06 22 10.45	−04 45 13.0	8.05		H	95.543 530 56	−04.753 611 31		1.63	−2.25	−6.27	1.11	0.75	1.01	1.10	0.85	+5	+10	+2	−64	+3	−7	+5	−72	−2	+2	2	0.50
30282	H	06 22 11.96	+12 02 19.7	8.20		H	95.549 829 49	+12.038 800 24	A	2.12	−7.51	−6.77	1.39	0.95	1.38	1.59	1.09	−16	+49	−27	−19	+1	−29	−12	−14	−13	+9	1	0.56
30283		06 22 12.23	+51 47 48.1	8.69		H	95.550 955 46	+51.796 689 73		4.99	4.24	−1.90	1.06	0.79	1.25	1.39	0.94	+9	+0	+18	+27	+29	−1	+21	+3	+9	−17	0	1.26
30284		06 22 12.86	−39 13 09.5	7.89		H	95.553 594 28	−39.219 300 75		4.57	26.30	−33.76	0.54	0.53	0.72	0.61	0.68	−2	+17	−18	+17	−12	+27	−10	−12	−1	−1	0	−0.29
30285		06 22 13.19	+54 39 30.9	8.29		H	95.554 962 42	+54.658 579 69		4.34	−1.29	−10.49	1.06	0.81	1.27	1.24	0.96	−12	+27	−8	+6	+37	−13	+36	−19	+17	−20	0	1.17
30286		06 22 13.19	+14 40 41.3	8.41	3	T	95.554 969 31	+14.678 126 45		2.02	−1.27	−0.68	1.24	1.08	1.45	1.87	1.28	+8	+11	−48	−39	−41	+30	−21	−61	+13	+50	0	−1.53
30287		06 22 14.38	+19 42 09.3	7.77		H	95.559 932 47	+19.702 586 07		3.46	−0.23	−9.95	1.08	0.66	1.31	1.20	0.78	−19	+56	−50	+16	−31	+26	+12	−53	+43	+34	0	1.26
30288		06 22 15.85	−26 16 38.4	7.84		H	95.566 057 85	−26.277 338 32		0.82	3.24	−21.12	0.54	0.65	0.91	0.68	0.73	−8	+16	−5	+12	−19	−2	−16	+14	+8	−3	0	−0.94
30289		06 22 18.08	+25 04 58.4	9.21	2	H	95.575 333 91	+25.082 890 16		2.34	−3.13	−14.64	1.40	1.01	1.55	1.68	1.14	+10	+32	−14	−14	−32	+32	−17	−58	+12	+33	0	−0.15
30290		06 22 18.27	+44 24 43.7	7.81		G	95.576 110 03	+44.412 144 11		3.81	−5.32	2.26	0.91	0.63	1.04	1.15	0.72	+5	+36	−17	−4	−6	+18	+10	−45	+17	+38	0	−0.70
30291		06 22 18.68	−29 51 34.2	8.31		H	95.577 813 34	−29.859 506 99		10.15	−0.87	−22.14	0.57	0.74	0.93	0.80	0.88	−5	−5	+9	+6	−12	+14	−13	−3	+14	−14	1	0.97
30292	H	06 22 19.11	−54 19 58.5	9.35		H	95.579 609 62	−54.332 917 50	*	−0.56	3.03	−13.86	0.87	0.79	0.87	0.99	0.97	−5	+11	−4	+14	−17	+3	−18	+6	+1	−17	0	−0.76
30293		06 22 19.59	+17 09 13.1	8.53		H	95.581 637 91	+17.153 631 25		2.61	5.24	−13.63	1.31	0.87	1.39	1.41	1.10	+7	+51	−3	+2	+2	+1	+4	−13	+3	+18	0	0.85
30294		06 22 20.45	+57 25 05.6	8.14		H	95.585 188 45	+57.418 235 11		1.36	−2.19	−15.04	0.95	0.68	1.06	1.11	0.72	+24	+30	−18	+36	+33	+1	+35	+17	+13	+39	0	−0.43
30295		06 22 20.50	−19 05 51.2	8.90		H	95.585 431 09	−19.097 560 41		0.79	−3.72	−4.59	0.73	0.76	1.03	0.70	0.77	+7	+4	+1	+22	−45	−2	−46	+10	−10	+15	0	−0.34
30296		06 22 21.00	−43 52 22.8	8.91		H	95.587 487 28	−43.872 993 38		1.49	3.85	24.50	0.70	0.68	0.84	0.79	1.07	−21	−10	+3	−6	+9	−5	+11	−34	−4	−17	0	0.34
30297		06 22 22.55	+08 19 36.5	8.83		G	95.593 954 78	+08.326 805 29		−0.38	−3.01	−4.94	1.23	0.83	1.32	1.04	0.81	−24	+57	−25	−27	+19	−12	+13	−28	−2	−4	0	−0.55
30298		06 22 22.81	+62 06 14.4	7.53		H	95.595 038 34	+62.103 990 30		7.06	−9.47	3.39	0.75	0.64	0.89	0.93	0.70	+13	+16	−2	+25	+27	+8	+25	−2	−1	+17	0	1.37
30299		06 22 23.20	−45 57 37.3	6.84		H	95.596 680 67	−45.960 363 59		3.23	−4.86	10.36	0.48	0.40	0.53	0.55	0.55	−5	+10	−3	+2	+3	+8	+3	−6	−12	−3	0	2.08
30300	H	06 22 23.69	−16 43 49.9	7.97		G	95.598 694 30	−16.730 517 67	B	2.51	−3.90	3.67	1.22	1.21	1.38	1.25	1.13	+31	−2	−22	+7	−13	+25	−31	−49	+17	−3	2	−0.04

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
30201	9.936	0.024	9.368	0.022	A	0.559	0.071	G	0.65	0.03	L *	9.3031	0.0024	0.020	102	*	9.28	9.34		D	06212−6735	I 1	2 C A	AB	290	7.805	0.010	2.22	0.06	
30202	7.210	0.006	7.314	0.009		−0.080	0.000	G	−0.06	0.00	H	7.3148	0.0011	0.008	102		7.29	7.33		C	06211+2109	I 2	1							S
30203	8.143	0.007	8.219	0.009		−0.080	0.020	G	−0.06	0.02	H	8.2218	0.0014	0.015	161		8.19	8.25		C			1							
30204	9.116	0.012	8.221	0.009		0.796	0.011	T	0.83	0.01	L	8.2673	0.0016	0.017	148		8.24	8.30					1							S
30205	6.807	0.004	6.796	0.005		0.015	0.006	T	0.03	0.01	L	6.8065	0.0008	0.007	92		6.79	6.82		C			1							S
30206	8.848	0.012	8.795	0.014		0.059	0.003	G	0.07	0.00	H	8.8427	0.0016	0.017	122		8.82	8.87					1							
30207	7.424	0.005	7.524	0.007		−0.082	0.002	G	−0.06	0.00	H	7.5170	0.0011	0.010	125		7.49	7.54					1							S
30208	10.633	0.041	8.744	0.015		1.603	0.036	T	2.58	0.05	O	8.5060	0.0031	0.031	94		8.46	8.56		U 2			1							
30209	8.734	0.011	8.141	0.010	A	0.546	0.015	G	0.62	0.01	H *	8.1212	0.0016	0.013	112	*	8.10	8.14		D	06213−7508	I 1	2 C A	AB	56	3.069	0.007	2.31	0.03	S
30210	7.456	0.006	7.557	0.008		−0.092	0.015	G	−0.07	0.02	H	7.5485	0.0012	0.009	108		7.53	7.56		C			1							S
30211	7.673	0.007	7.617	0.008		0.056	0.010	T	0.07	0.01	L	7.6480	0.0014	0.010	102		7.63	7.66		C	06211+2109	I 2	1							S
30212	9.826	0.015	8.829	0.011		0.872	0.014	T	0.88	0.01	L	8.8938	0.0011	0.014	171		8.87	8.92		C			1							
30213	8.803	0.011	8.383	0.011		0.438	0.001	G	0.51	0.00	H	8.4487	0.0016	0.013	125		8.43	8.47		C			1							S
30214	5.557	0.003	5.583	0.003		0.002	0.008	G	0.19	0.03	C	5.5389	0.0020	0.027	147		5.49	5.62		U 2 C	06214−1146	I 1	1 X S							S P
30215	7.240	0.005	6.994	0.006		0.233	0.006	G	0.26	0.01	H	7.0276	0.0015	0.012	115		7.01	7.05					1							S
30216	9.379	0.016	7.776	0.009		1.343	0.014	T	1.31	0.02	L	7.7799	0.0015	0.014	119		7.76	7.80					1							S
30217	6.591	0.005	6.317	0.005	*	0.251	0.008	G	0.28	0.01	H *	6.3638	0.0013	0.007	54	*	6.36	6.41		D	06214+0216	I 1	2 C A	AB	199	0.263	0.006	1.38	0.08	S
30218	7.698	0.009	6.415	0.005		1.100	0.020	G	0.89	0.04	E	6.4764	0.0011	0.007	66		6.47	6.49					1							S
30219	9.611	0.026	8.387	0.017		0.790	0.020	G	0.90	0.02	A	8.3977	0.0616	0.402	48		8.06	8.96	15.24	P 1 A			1							
30220	10.235	0.044	9.169	0.029		0.914	0.041	T	0.96	0.04	L	9.2309	0.0026	0.020	65		9.20	9.26					1 S							
30221	9.402	0.017	7.907	0.009		1.258	0.015	T	1.22	0.02	L	7.9004	0.0015	0.017	112		7.88	7.93			06215+6224	I 1	1							
30222	9.118	0.016	8.892	0.018		0.216	0.023	T	0.24	0.03	L	8.9197	0.0025	0.020	80		8.89	8.96		C			1							
30223	8.312	0.009	7.781	0.008		0.506	0.009	T	0.58	0.01	L	7.8307	0.0011	0.012	135		7.81	7.85					1 X							S
30224	8.511	0.007	8.206	0.007		0.290	0.009	T	0.33	0.01	L	8.2514	0.0011	0.015	227		8.22	8.28					1							
30225	9.663	0.017	8.574	0.012		0.915	0.002	G	0.96	0.00	I	8.6256	0.0021	0.022	140		8.59	8.66					1							
30226	10.936	0.061	10.291	0.054		0.591	0.003	G	0.66	0.00	H	10.3909	0.0036	0.027	74		10.35	10.45		C			1							G
30227	10.176	0.029	8.296	0.012		1.595	0.026	T	2.88	0.05	O	7.9554	0.0126	0.179	88		7.71	8.22		U 2 C			1 S							P
30228	9.096	0.013	8.638	0.013		0.445	0.014	T	0.51	0.01	L	8.6919	0.0013	0.014	115		8.66	8.72		C			1							S
30229	8.648	0.013	7.392	0.008		1.065	0.012	T	1.12	0.02	L	7.4553	0.0009	0.007	85		7.44	7.47		C			1							S
30230	9.578	0.021	8.910	0.019		0.619	0.024	T	0.69	0.02	L	8.9552	0.0016	0.015	89		8.93	8.98		C			1							
30231	9.251	0.012	8.896	0.013	A	0.200	0.495	G	0.48	0.05	L *	8.9104	0.0021	0.019	156	*	8.88	8.95			06216−1104	I 1	2 C C	AB	331	2.096	0.045	3.64	0.28	
30232	8.490	0.012	7.798	0.009		0.619	0.015	G	0.69	0.01	H	7.8470	0.0011	0.011	110		7.83	7.87					1							S
30233	9.153	0.013	7.996	0.009		0.993	0.012	T	0.97	0.01	L	8.0666	0.0017	0.016	139		8.04	8.09					1							
30234	9.708	0.025	8.802	0.019	*	0.804	0.023	T	0.83	0.02	L *	8.8368	0.0029	0.016	78	*	8.81	8.87		D	06216+2500	I 1	2 C B	AB	145	0.220	0.039	1.84	0.66	
30235	10.302	0.026	9.437	0.020		0.774	0.025	T	0.81	0.02	L	9.5079	0.0019	0.019	120		9.48	9.54		C			1							
30236	8.584	0.009	8.144	0.009		0.436	0.015	G	0.50	0.02	H	8.1747	0.0017	0.018	185		8.15	8.21					1							S
30237	8.957	0.011	7.005	0.005		1.654	0.010	T	2.29	0.03	O	6.8358	0.0042	0.039	114		6.78	6.89		U 2			1 S							S P
30238	9.078	0.014	7.161	0.006		1.591	0.012	T	1.61	0.01	L	7.0706	0.0018	0.016	102		7.05	7.10		U 2			1							S
30239	9.435	0.023	8.885	0.022		0.515	0.028	T	0.59	0.03	L	8.9631	0.0020	0.013	68		8.95	8.99		C			1							
30240	7.256	0.004	7.333	0.005		−0.078	0.003	G	−0.06	0.00	H	7.3345	0.0008	0.010	163		7.32	7.36		C			1							S
30241	10.319	0.034	8.634	0.015		1.408	0.029	T	1.39	0.04	L	8.6465	0.0013	0.014	97		8.62	8.67		C			1							
30242	9.328	0.015	8.024	0.009		1.108	0.014	T	1.07	0.01	L	8.0762	0.0010	0.014	158		8.05	8.10					1							S
30243	8.452	0.012	7.699	0.009		0.686	0.001	G	0.74	0.00	H	7.7643	0.0013	0.010	93		7.75	7.78		C			1							S
30244	8.763	0.009	8.161	0.008		0.560	0.009	T	0.63	0.01	L	8.2300	0.0013	0.015	167		8.20	8.26		C			1							S
30245	7.890	0.012	6.793	0.007		0.947	0.011	T	0.94	0.01	L	6.8483	0.0009	0.007	62		6.83	6.86					1							S
30246	8.962	0.013	7.283	0.007		1.410	0.015	G	1.39	0.02	H	7.2878	0.0014	0.011	94		7.27	7.32					1							S
30247	5.866	0.004	5.390	0.004		0.448	0.005	T	0.52	0.01	L	5.4401	0.0007	0.005	77		5.43	5.45		C			1							S
30248	8.556	0.014	7.399	0.009		0.993	0.013	T	0.97	0.01	L	7.4598	0.0015	0.010	58		7.44	7.47		C			1							S
30249	10.007	0.029	9.685	0.033		0.306	0.041	T	0.35	0.06	L	9.7528	0.0023	0.018	78		9.71	9.78		C			1							G
30250	10.398	0.036	9.110	0.019		1.096	0.032	T	1.06	0.03	L	9.1933	0.0021	0.017	87		9.17	9.22		C			1							
30251	9.811	0.021	9.482	0.024		0.260	0.020	G	0.29	0.03	H	9.5409	0.0021	0.019	113		9.50	9.58					1							
30252	7.007	0.004	6.764	0.006		0.227	0.007	T	0.25	0.01	L	6.8140	0.0010	0.010	100		6.80	6.83					1							S
30253	10.460	0.034	9.068	0.018		1.177	0.030	T	1.14	0.03	L	9.1232	0.0022	0.016	88		9.10	9.14		C			1							
30254	10.630	0.049	10.002	0.045		0.584	0.058	T	0.66	0.05	L	10.1381	0.0030	0.022	81		10.10	10.18		C			1							G
30255	8.930	0.017	8.736	0.020		0.158	0.015	G	0.17	0.01	H	8.7702	0.0018	0.010	51		8.75	8.79		C			1							
30256	12.379	0.196	11.171	0.109		1.440	0.020	G	1.77	0.05	I	10.8550	0.0046	0.057	179		10.76	10.95		U			1 X S							G
30257	8.521	0.014	8.507	0.018		−0.009	0.005	G	0.01	0.01	H	8.5280	0.0039	0.021	56		8.48	8.56					1							
30258	9.965	0.022	9.054	0.016		0.793	0.021	T	0.82	0.01	L	9.1211	0.0018	0.015	113		9.10	9.15					1							
30259	10.493	0.033	8.744	0.014		1.458	0.028	T	1.46	0.04	L	8.7293	0.0017	0.019	126		8.70	8.76		C			1							
30260	10.215	0.028	9.347	0.022		0.760	0.027	T	0.80	0.02	L	9.3865	0.0019	0.015	101		9.35	9.42					1							
30261	9.949	0.025	9.219	0.021		0.655	0.025	T	0.72	0.02	L	9.2525	0.0029	0.026	130		9.20	9.29					1							
30262	10.020	0.022	8.740	0.013		1.089	0.020	T	1.05	0.02	L	8.8001	0.0016	0.020	129		8.77	8.83		C			1							
30263	7.701	0.006	7.847	0.006		−0.127	0.007	T	−0.12	0.01	L	7.8380	0.0022	0.022	170		7.81	7.87	0.80	P 1 A			1							S
30264	7.743	0.009	7.767	0.009		−0.020	0.015	G	0.00	0.01	H	7.7836	0.0011	0.011	113		7.77	7.80		C			1							S
30265	8.577	0.008	8.198	0.008		0.359	0.011	T	0.42	0.01	L	8.2616	0.0011	0.013	166		8.24	8.29		C			1							S
30266	8.756	0.012	8.578	0.016	*	0.171	0.019	T	0.19	0.02	L *	8.6725	0.0019	0.016	114	*	8.64	8.70		D	06220−0202	I 1	2 C A	AB	18	5.697	0.009	1.62	0.05	
30267	8.187	0.010	6.990	0.005		1.020	0.015	G	0.99	0.01	H	7.0442	0.0008	0.009	103		7.03	7.06		C			1							S
30268	8.816	0.023	8.853	0.031		−0.029	0.035	T	−0.01	0.04	L	8.8397	0.0013	0.013	78		8.82	8.86		C			1							
30269	8.693	0.011	8.108	0.011		0.537	0.010	G	0.61	0.01	H	8.1594	0.0016	0.011	101		8.14	8.18					1							S
30270	8.316	0.013	7.704	0.012		0.573	0.015	G	0.65	0.01	H	7.7674	0.0016	0.013	80		7.75	7.89	3.21	P 1 A			1							S P
30271	9.584	0.016	7.740	0.007		1.533	0.014	T	1.58	0.03	L	7.6925	0.0020	0.017	140		7.66	7.72		U			1							S
30272	6.249	0.005	6.105	0.005	*	0.153	0.002	G	0.17	0.00	H *	6.0998	0.0014	0.010	100	*	6.09	6.11		D	06221+5923	I 1	2 C A	AB	136	0.692	0.003	1.09	0.01	S
30273	6.993	0.004	7.015	0.008		−0.015	0.008	T	0.01	0.01	L	7.0128	0.0009	0.006	70		7.00	7.03		C			1							S
30274	8.562	0.011	7.363	0.007		1.026	0.010	T	1.00	0.01	L	7.4040	0.0010	0.010	109		7.39	7.42		C			1							S
30275	7.668	0.007	7.449	0.009		0.209	0.011	T	0.23	0.01	L	7.4970	0.0016	0.011	88		7.48	7.51		C			1							S
30276	8.024	0.008	6.667	0.004		1.150	0.007	T	1.11	0.01	L	6.6797	0.0007	0.006	119		6.67	6.69		C			1							S
30277	4.939	0.002	3.943	0.002		0.858	0.034	G	0.88	0.02	A	3.9932	0.0005	0.004	110		3.99	4.00					1 O							S
30278	7.656	0.009	7.254	0.010		0.380	0.012	T	0.44	0.01	L	7.2932	0.0014	0.013	87		7.27	7.31					1							S
30279	9.099	0.014	9.101	0.018		0.003	0.021	T	0.02	0.02	L	9.0948	0.0027	0.029	138		9.04	9.18			06221−1435	I 1	1 S							
30280						0.216	0.141	G	0.24	0.16	R	10.9007	0.0057	0.043	39		10.82	10.97					1							G
30281	8.076	0.008	8.053	0.010		0.026	0.012	T	0.04	0.01	L	8.0693	0.0015	0.011	111		8.05	8.09		C			1							S
30282	8.197	0.013	8.231	0.017	A	−0.400	0.495	G	−0.03	0.04	L *	8.1895	0.0013	0.009	58	*	8.17	8.21		D	06222+1202	I 1	2 C A	AB	163	1.861	0.011	2.75	0.06	
30283	10.649	0.044	8.815	0.018		1.526	0.038	T	1.57	0.06	L	8.8073	0.0021	0.018	78		8.78	8.85					1							
30284	9.266	0.015	8.006	0.010		1.074	0.014	T	1.04	0.01	L	8.0578	0.0011	0.013	116		8.04	8.08					1							
30285	9.722	0.031	8.396	0.018		1.125	0.028	T	1.09	0.03	L	8.4553	0.0017	0.013	67		8.43	8.49					1							
30286	9.602	0.034	8.518	0.023		0.937	0.031	T	0.93	0.02	L	8.6216	0.0673	0.288	42		8.24	8.99	7.57	P 1 A			1 S							
30287	7.835	0.007	7.780	0.010		0.056	0.011	T	0.07	0.01	L	7.7966	0.0013	0.009	74		7.78	7.81		C			1							S
30288	9.583	0.015	7.961	0.007		1.358	0.013	T	1.33	0.01	L	7.9867	0.0014	0.015	171		7.96	8.01					1							
30289	9.875	0.029	9.278	0.026		0.557	0.034	T	0.63	0.03	L	9.3295	0.0035	0.023	86		9.29	9.36		U			1							
30290	8.073	0.008	7.826	0.011		0.235	0.015	G	0.26	0.02	H	7.8766	0.0014	0.013	96		7.86	7.90		C			1							S
30291	8.794	0.011	8.346	0.011		0.436	0.012	T	0.50	0.01	L	8.4074	0.0014	0.019	142		8.38	8.44					1							
30292	11.539	0.079	9.518	0.022	*	1.113	0.218	G	1.08	0.23	K *	9.5142	0.0032	0.024	117	*	9.48	9.54			06223−5420	H 1	2 C S C	AB	97	0.141	0.094	2.56	1.66	
30293	9.881	0.038	8.629	0.022		1.068	0.034	T	1.03	0.03	L	8.6902	0.0019	0.014	44		8.67	8.72					1							
30294	9.888	0.023	8.270	0.012		1.355	0.020	T	1.32	0.02	L	8.2930	0.0015	0.013	84		8.27	8.32					1							
30295	8.890	0.009	8.884	0.012		0.006	0.013	T	0.03	0.01	L	8.9088	0.0015	0.018	155		8.88	8.95		C			1							
30296	10.891	0.053	9.057	0.019		1.526	0.045	T	1.57	0.07	L	9.0307	0.0018	0.017	102		9.00	9.07		C			1							
30297	8.744	0.016	8.817	0.022		−0.079	0.002	G	−0.06	0.00	H	8.8101	0.0024	0.014	53		8.79	8.84		C			1							
30298	8.873	0.013	7.645	0.008		1.049	0.012	T	1.02	0.01	L	7.6970	0.0015	0.013	92		7.68	7.72					1							S
30299	6.700	0.004	6.827	0.006		−0.104	0.003	G	−0.09	0.00	H	6.8110	0.0011	0.008	104		6.80	6.83					1							S
30300	9.060	0.013	8.022	0.009	B	0.579	0.067	G	0.93	0.02	L *	8.0653	0.0016	0.012	117	*	8.04	8.09		C	06223−1644	I 1	2 C D	BC	222	1.209	0.052	3.55	0.25	S D

HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α deg (ICRS) (8)	δ deg (ICRS) (9)	(10)	π mas (11)	μα* mas/yr (12)	μδ mas/yr (13)	σα* mas (14)	σδ mas (15)	σπ mas (16)	σμα* mas/yr (17)	σμδ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	F1 % (29)	F2 (30)
30301		06 22 23.85	+03 25 28.0	9.76	3	H	95.599 379 16	+03.424 436 72		0.30	1.50	−9.82	1.31	0.91	1.58	1.35	1.09	−26	+51	−31	−15	+1	−25	−18	+10	−23	−15	0	−0.84
30302		06 22 24.48	−23 35 36.3	7.61		H	95.602 009 11	−23.593 416 92		3.30	37.80	−70.05	0.36	0.50	0.73	0.49	0.54	−6	+9	−2	+15	−15	−2	−12	+10	+2	−6	0	1.82
30303	H	06 22 25.37	+46 11 40.7	7.33		H	95.605 706 81	+46.194 631 11	A	4.12	−4.57	−0.61	1.05	0.75	1.13	1.23	0.78	+27	+11	−19	+12	+0	−9	−3	−20	+16	+35	0	−0.58
30304		06 22 25.69	+26 40 26.0	8.99		H	95.607 033 62	+26.673 893 25	B	8.20	−13.29	7.35	10.27	6.82	6.33	11.58	7.47	−27	+29	−5	−3	+21	+5	+7	−51	+11	−62	11	2.31
30305		06 22 25.87	+26 44 51.3	9.14		H	95.607 771 82	+26.747 580 63		8.70	8.92	−49.27	1.32	0.82	1.39	1.50	1.03	−6	+49	−20	+20	−11	+10	−2	−15	+12	+3	0	−0.22
30306		06 22 25.95	+26 40 08.4	8.85		H	95.608 129 23	+26.668 991 32	A	−1.66	−9.21	4.61	5.97	4.13	4.94	8.50	5.42	−39	+27	−7	−21	+30	+11	+21	−61	+8	−64	11	2.31
30307		06 22 26.01	+56 00 46.9	7.53	1	G	95.608 383 82	+56.013 019 32		5.84	−22.78	−19.62	0.75	0.53	0.87	0.85	0.62	+17	+26	+0	+29	+31	−13	+27	+1	+10	+0	0	−1.68
30308		06 22 26.75	−27 42 01.0	9.02		H	95.611 439 07	−27.700 285 99		1.12	0.96	6.26	0.68	0.87	1.10	0.77	1.08	−3	+0	−28	−8	−16	+3	−18	−6	+9	+3	1	0.39
30309		06 22 28.34	+30 56 42.9	8.64		G	95.618 087 46	+30.945 251 11		8.21	−0.08	−31.83	1.00	0.61	1.09	1.17	0.67	+3	+33	−22	+22	−7	−5	+1	−16	+1	+31	0	−1.32
30310		06 22 28.58	−63 41 53.6	10.87		G	95.619 079 01	−63.698 219 40		12.19	42.78	262.28	1.30	1.43	1.42	1.43	1.56	−8	+13	−3	−2	−12	+11	−13	−17	−3	−24	0	−0.15
30311		06 22 29.44	+40 02 35.8	9.18		H	95.622 652 29	+40.043 285 56		10.92	28.92	27.00	1.13	0.78	1.38	1.53	1.01	−7	+16	−6	−10	+16	+0	+16	−54	+25	−12	0	−0.29
30312		06 22 29.64	+18 49 28.8	9.22		H	95.623 508 69	+18.824 673 29		5.08	0.38	−0.73	1.59	0.74	1.69	1.29	0.86	+4	+72	−10	−4	−11	−10	+3	−34	+12	+25	0	−0.92
30313	H	06 22 30.36	+80 07 37.9	8.27		H	95.626 484 33	+80.127 182 68	A	2.50	−2.25	−1.56	0.99	1.07	1.20	0.93	0.99	−7	+26	−17	+11	+19	+0	+20	+18	+17	+11	1	0.71
30314		06 22 30.95	−60 13 07.7	6.53	1	G	95.628 975 91	−60.218 808 42		42.56	−11.22	64.17	0.51	0.47	0.49	0.60	0.53	−10	+6	+3	+35	−16	+2	−19	+9	+3	−23	0	−0.30
30315		06 22 33.88	+74 44 54.0	9.82		H	95.641 167 15	+74.748 343 90		9.48	22.18	−8.49	0.82	1.05	1.34	0.92	1.13	−11	+1	−1	+14	−1	+9	+2	−8	−8	+3	0	2.33
30316	H	06 22 34.97	+32 45 37.0	8.23		H	95.645 715 32	+32.760 290 88	A	4.13	14.06	−23.26	1.46	1.05	1.55	1.78	1.03	−36	+26	−34	+0	−9	+34	+19	−50	+24	+7	1	0.18
30317		06 22 35.14	−74 10 52.0	9.54		H	95.646 401 21	−74.181 109 68		7.52	59.79	−21.50	0.77	0.76	0.82	0.75	0.87	−2	+19	+8	+6	−14	+14	−17	+22	−18	−18	1	1.56
30318		06 22 36.42	+12 34 13.1	6.00		H	95.651 767 76	+12.570 315 41		15.87	−53.62	−32.04	0.85	0.59	1.00	0.96	0.70	−7	+47	−39	−14	−2	−24	−22	−4	−20	+16	0	0.15
30319	H	06 22 37.10	−62 38 19.2	8.78	2	H	95.654 576 47	−62.638 653 82	*	1.06	−1.65	−0.87	0.68	0.69	0.72	0.75	0.81	−13	+1	+1	−1	−1	−4	−3	−13	+0	−27	1	1.34
30320		06 22 37.12	−48 46 22.7	9.04		H	95.654 661 32	−48.772 971 86		4.21	−6.58	13.29	0.75	0.66	0.83	0.87	0.88	−10	+5	+1	+3	−2	−12	−3	−6	−18	−6	0	−0.21
30321		06 22 38.23	−69 59 02.9	5.56		H	95.659 292 47	−69.984 127 73		5.48	25.96	34.75	0.51	0.45	0.50	0.54	0.58	−4	+21	−2	−28	+4	+8	+5	−13	−11	−27	2	−1.85
30322		06 22 38.59	−50 57 52.8	9.43		H	95.660 775 33	−50.964 677 53		8.06	2.82	89.29	0.86	0.68	0.88	1.01	0.86	−2	−8	−15	−1	−17	+13	−18	−25	+5	−5	0	1.32
30323		06 22 39.58	−66 18 44.3	8.67		H	95.664 903 30	−66.312 318 54		6.49	18.50	−61.23	0.67	0.73	0.74	0.53	0.84	+5	+24	+6	−56	−4	−17	−6	−12	−13	+3	1	1.66
30324		06 22 41.99	−17 57 21.3	1.98	1	G	95.674 947 50	−17.955 916 58		6.53	−3.45	−0.47	0.50	0.46	0.66	0.60	0.57	+9	+15	−10	−14	−15	+2	−15	−23	+11	−11	0	1.28
30325		06 22 43.21	−50 06 05.3	8.03		H	95.680 039 12	−50.101 485 26		2.10	−1.70	7.64	0.64	0.52	0.67	0.81	0.65	+1	+5	−4	−1	−13	+15	−12	−21	+1	+5	0	−1.70
30326		06 22 43.58	−02 11 43.2	7.52	3	H	95.681 578 40	−02.195 339 37		1.49	6.33	−31.94	1.60	0.82	1.76	1.28	0.93	+23	+70	+6	−45	−5	−37	+5	−60	+12	+11	0	1.26
30327		06 22 44.61	+05 07 31.9	8.37		G	95.685 885 92	+05.125 530 67		1.63	−1.44	−4.97	1.06	0.75	1.25	1.15	0.88	+4	+41	−19	−18	−6	−32	−20	−13	−24	+29	0	−1.27
30328		06 22 45.25	+04 12 37.5	6.89		H	95.688 536 65	+04.210 422 53		8.72	−12.47	−36.64	0.77	0.59	0.94	0.83	0.65	−10	+44	−37	−18	+14	−28	−3	+0	−13	+21	0	1.19
30329		06 22 46.55	+68 59 54.5	9.98		H	95.693 970 18	+68.998 482 22		3.65	0.41	4.88	0.65	0.98	1.47	0.72	1.07	+1	+18	−16	−6	+20	+1	+25	−24	+20	+17	0	−0.44
30330		06 22 47.34	−24 52 41.4	8.02		H	95.697 260 64	−24.878 159 27		3.69	11.44	−0.96	0.53	0.66	0.97	0.68	0.80	−6	+16	−11	+19	−7	+1	−6	+16	+3	−5	0	0.78
30331		06 22 47.88	+27 59 12.1	7.68		H	95.699 490 16	+27.986 685 99		1.36	−0.60	−3.75	1.12	0.83	1.24	1.49	1.07	+23	+14	−27	−21	−48	+19	−35	−61	+41	+29	0	−0.21
30332		06 22 49.62	−00 49 59.1	7.63	1	H	95.706 761 79	−00.833 088 76		2.28	−1.70	−1.68	0.78	0.60	0.92	0.92	0.73	+9	+31	−18	−8	+2	−35	−7	−6	−9	+21	0	−1.48
30333	H	06 22 49.63	+17 34 26.8	6.92		G	95.706 773 31	+17.574 114 58	A	3.76	1.79	−9.39	1.59	1.11	1.37	1.75	1.28	+16	+41	−11	−17	−18	+15	−4	−34	+12	+45	1	−0.28
30334		06 22 50.19	−28 52 12.9	8.90		H	95.709 141 98	−28.870 257 49		−1.03	8.35	15.78	0.77	0.97	1.22	0.98	1.36	−9	+12	+7	+3	+3	+2	+2	−10	+11	−22	1	2.93
30335		06 22 51.18	−34 27 10.2	8.51		H	95.713 240 86	−34.452 840 81		2.69	2.41	18.76	0.62	0.83	0.90	0.76	0.93	−10	+10	+3	−10	+14	+14	+7	−39	−2	−31	0	0.38
30336		06 22 51.85	−64 32 36.7	8.16		H	95.716 045 57	−64.543 521 08		8.43	−29.68	98.13	0.63	0.71	0.71	0.67	0.83	+6	+23	+10	−7	−9	−14	−6	+4	+7	−8	2	−0.04
30337		06 22 51.95	−45 55 13.7	8.45		H	95.716 455 02	−45.920 459 87		1.04	−2.45	21.04	0.69	0.62	0.79	0.78	0.86	−12	+7	−10	−2	+2	+9	+4	−8	−6	−8	0	2.20
30338		06 22 53.77	−33 36 52.5	7.25		G	95.724 033 07	−33.614 581 25		1.56	0.59	−9.16	0.47	0.61	0.70	0.54	0.70	−12	+14	−1	−4	+12	+19	+9	−31	+4	−27	0	0.64
30339		06 22 55.18	−45 37 44.2	6.73		H	95.729 931 62	−45.628 931 90		3.42	−14.45	15.48	0.50	0.40	0.55	0.59	0.59	−6	+6	−7	+4	−3	−3	−5	−13	+4	−6	1	0.73
30340		06 22 55.39	+42 54 12.9	7.97		H	95.730 781 00	+42.903 590 05		2.07	2.16	−6.16	0.88	0.57	1.00	1.09	0.67	+21	+36	+2	+3	−7	+0	+2	−30	+12	+34	0	−1.10
30341		06 22 55.50	+03 45 38.8	7.03		H	95.731 268 63	+03.760 781 44		2.02	−7.67	−4.45	0.81	0.59	0.93	0.85	0.67	−10	+43	−24	−13	+7	−15	+1	−4	−6	+0	0	0.83
30342		06 22 55.87	−56 22 11.7	5.60		H	95.732 786 18	−56.369 920 70		19.87	−40.24	−20.04	0.75	0.69	0.76	0.83	0.79	−6	+0	−1	+9	−12	−3	−14	−4	+3	−16	0	
30343		06 22 57.59	+22 30 49.9	2.87	2	H	95.739 963 02	+22.513 850 27		14.07	56.84	−108.79	0.87	0.65	0.93	1.08	0.76	+30	+10	−26	−24	−52	+28	−38	−67	+34	+48	2	1.77
30344		06 22 57.67	−24 33 21.8	7.37	1	H	95.740 303 04	−24.556 049 25		34.02	−2.99	4.09	0.43	0.51	0.75	0.51	0.59	−7	+15	−9	+25	−18	−4	−17	+17	−1	−4	0	0.77
30345		06 22 58.76	−49 35 25.7	8.78		H	95.744 853 28	−49.590 482 30		2.89	2.89	13.17	0.77	0.64	0.79	0.92	0.81	−10	+4	−2	−22	−3	+11	−3	−18	−2	−8	0	−0.30
30346		06 22 59.44	+25 59 54.3	8.30		H	95.747 661 30	+25.998 427 29		2.85	−10.77	−3.72	1.02	0.64	1.11	1.14	0.79	−15	+44	−17	+5	−6	+7	+3	−36	+19	−11	0	−0.51
30347		06 22 59.70	+55 04 11.0	9.83		H	95.748 761 47	+55.069 710 90		1.07	0.08	3.37	1.34	1.09	1.61	1.78	1.46	+9	+17	+3	−6	+21	+0	+19	−23	+9	−8	0	−1.99
30348		06 23 00.27	+28 37 17.5	7.63		H	95.751 122 92	+28.621 518 45		3.42	4.12	−5.49	1.09	0.80	1.20	1.63	1.04	+14	+29	−23	−24	−42	+12	−23	−64	+29	+27	0	0.30
30349		06 23 00.33	+27 26 37.5	8.79		G	95.751 389 37	+27.443 753 21		7.31	8.12	−29.70	1.19	0.75	1.29	1.46	1.00	−7	+41	−11	+8	−5	−3	+0	−27	+22	−15	0	0.06
30350		06 23 01.33	−07 56 13.0	9.15		H	95.755 536 96	−07.936 954 18		2.25	−4.48	−0.81	0.92	0.69	1.37	1.13	0.88	−3	+42	−14	−35	−5	−43	−3	−39	+22	−14	0	−1.69
30351		06 23 01.47	−03 16 37.1	6.56	2	H	95.756 126 46	−03.276 982 60		2.93	−0.59	2.87	0.69	0.51	0.75	0.70	0.57	+29	+14	−24	−33	−17	−5	−16	−53	+21	+29	0	−0.88
30352		06 23 01.48	−63 40 59.4	6.30	2	H	95.756 153 93	−63.683 176 19		3.05	−17.07	16.45	0.48	0.49	0.51	0.51	0.53	−1	+13	−5	+5	−16	+10	−18	−11	−7	−18	1	2.00
30353		06 23 05.33	+10 10 03.8	8.48		H	95.772 190 16	+10.167 731 15		5.07	3.18	−12.66	1.06	0.85	1.45	1.50	0.93	−4	+29	−55	+20	+44	−53	+20	+24	−33	+56	0	0.67
*30354		06 23 05.81	+27 43 52.6	8.34		H	95.774 194 64	+27.731 274 27		5.15	−2.21	−3.75	1.30	0.92	1.29	1.67	1.20	+33	+33	−17	−29	−54	+10	−40	−59	+26	+38	0	0.21
*30355		06 23 05.77	+74 50 46.1	7.86		G	95.774 060 61	+74.846 142 99		12.34	50.29	−20.26	0.49	0.66	0.82	0.54	0.67	+2	+6	+8	+10	+7	+15	+7	−14	−12	+7	2	−1.27
30356		06 23 06.11	−03 30 56.8	7.20		H	95.775 473 59	−03.515 770 85		1.57	−4.80	−3.89	0.71	0.54	0.79	0.66	0.58	+23	+12	−20	−37	−12	−16	−17	−51	+13	+12	0	−0.39
30357		06 23 06.37	+56 58 35.5	6.47		H	95.776 541 13	+56.976 525 34		7.12	−0.62	−72.68	0.61	0.47	0.75	0.68	0.49	+19	+33	−7	+18	+20	−7	+19	+2	+5	+22	0	1.33
30358		06 23 07.24	+78 23 48.0	8.31		H	95.780 157 01	+78.396 672 34		4.68	−25.91	−72.24	0.64	0.70	0.91	0.70	0.77	+20	+35	+8	−3	−8	−6	−11	−9	−16	+30	0	0.90
30359		06 23 07.69	+36 04 51.9	9.56		H	95.782 049 04	+36.081 085 95		3.27	2.68	−3.55	1.40	0.94	1.60	1.55	0.92	−10	+43	−35	+0	−23	−3	−13	−35	+12	+12	0	2.20
30360		06 23 07.82	−70 56 41.4	8.10		H	95.782 567 91	−70.944 823 31		3.14	−0.73	22.68	0.59	0.57	0.60	0.72	0.69	−4	+8	+0	−28	−1	+13	+2	−6	−10	−24	1	0.26
30361		06 23 08.86	+50 24 39.5	8.84		H	95.786 901 34	+50.410 980 86		3.08	2.83	−10.59	1.03	0.78	1.24	1.36	1.01	−16	+15	+4	+6	+39	−4	+33	−27	+3	−36	0	−0.01
*30362		06 23 09.17	+08 54 26.1	9.73		H	95.788 193 58	+08.907 239 04	A	48.08	206.42	88.35	51.03	43.54	13.63	6.61	5.99	+59	+26	+6	−6	+3	+3	+2	−10	+1	+0	36	2.54
*30363		06 23 09.16	+15 50 32.4	8.26		H	95.788 159 43	+15.842 339 23		5.83	−8.97	−10.36	0.98	0.72	1.07	1.16	0.92	−6	+38	−19	+9	+24	−16	+17	+2	−15	+23	0	0.69
30364	H	06 23 09.41	+16 30 54.7	8.01		G	95.789 217 21	+16.515 182 57	A	3.03	−3.47	−3.73	1.70	1.29	1.61	1.76	1.38	−21	+29	−19	−19	+15	−6	+12	−40	+13	−36	2	0.74
30365		06 23 10.65	+08 54 25.9	11.21		H	95.794 381 97	+08.907 204 23	C	48.08	206.42	88.35	16.98	10.16	13.63	6.61	5.99	+30	+80	+27	−17	+13	+3	+7	−43	+1	+0	36	2.54
30366		06 23 10.68	−67 00 19.7	8.82		H	95.794 500 51	−67.005 472 86		3.46	14.01	48.47	0.72	0.71	0.73	0.51	0.81	−11	+5	−2	−72	+12	−4	+10	−14	−1	−4	2	−0.31
30367		06 23 11.02	+32 58 22.3	10.07		H	95.795 937 01	+32.972 874 74		7.23	10.15	−11.19	1.64	1.21	1.99	2.55	1.49	−13	+14	−32	−8	−16	+31	−1	−48	+25	+1	0	2.00
30368		06 23 11.23	+43 14 10.7	8.03		H	95.796 790 94	+43.236 291 88		3.32	5.56	1.55	0.91	0.61	1.02	1.21	0.73	+17	+31	−9	+2	−16	+12	−2	−39	+11	+46	0	−2.31
30369		06 23 11.42	+49 11 11.0	9.02		H	95.797 594 80	+49.186 389 40		1.47	−8.99	7.69	1.02	0.70	1.23	1.21	0.79	−1	+19	+8	+37	+17	−1	+11	+13	+2	−19	2	2.51
30370		06 23 12.77	+43 41 51.6	8.55		G	95.803 195 87	+43.697 673 18		8.09	36.74	−17.94	0.90	0.61	1.00	1.24	0.77	+15	+28	−1	−16	−5	−4	−1	−40	−3	+38	0	−1.20
30371		06 23 12.84	−42 19 33.7	9.78		H	95.803 520 63	−42.326 018 87		4.58	0.03	−10.57	0.84	0.78	1.00	1.18	1.12	−3	−1	−10	−5	−6	+12	−5	−22	+17	−3	2	0.28
30372		06 23 13.05	−34 59 48.6	6.53		H	95.804 360 88	−34.996 820 01		7.37	−7.20	−8.60	0.44	0.50	0.60	0.51	0.64	−13	+10	+4	−11	+14	+17	+10	−39	−1	−26	1	0.52
30373		06 23 13.14	+35 31 13.2	7.42		H	95.804 752 72	+35.520 321 70		4.85	−6.40	−8.76	0.86	0.59	0.95	0.99	0.60	−5	+30	−22	−12	−17	+4	−6	−44	+8	+22	0	−0.22
30374		06 23 13.72	−48 34 11.4	8.51		H	95.807 175 58	−48.569 838 78		7.06	10.94	59.97	0.60	0.54	0.68	0.68	0.75	−6	+17	−8	+0	+1	−8	−2	+6	−15	+3	0	−1.74
30375		06 23 14.03	−43 58 53.6	8.39		H	95.808 446 04	−43.981 567 93		3.57	27.54	−19.51	0.65	0.63	0.81	0.70	0.97	−12	−7	+16	−3	+4	−10	+7	−20	−12	−15	1	0.54
30376		06 23 14.50	−31 47 25.1	6.31		H	95.810 432 43	−31.790 314 51		9.81	−43.21	0.81	0.44	0.46	0.59	0.53	0.53	+1	+19	−1	+4	−13	+4	−13	−4	−5	−11	1	1.78
30377		06 23 14.57	−46 49 23.8	8.41		H	95.810 720 96	−46.823 285 91		15.43	110.60	−37.95	0.62	0.53	0.71	0.74	0.74	−5	+8	−10	+5	−3	+13	−1	−17	−8	−1	0	−0.06
30378		06 23 15.78	−30 56 43.8	7.68		G	95.815 737 50	−30.945 509 83		13.53	−20.35	0.42	0.46	0.55	0.72	0.50	0.64	+1	+9	−3	+11	−2	+24	−4	−9	−7	−11	2	0.79
30379		06 23 16.21	+24 07 45.7	8.99		H	95.817 530 33	+24.129 364 39		−1.81	−0.53	−6.98	1.44	0.85	1.62	1.41	0.91	−29	+62	−36	+15	−23	+26	+11	−51	+21	+20	0	−0.61
*30380		06 23 18.41	−07 27 04.8	9.76	2	H	95.826 690 14	−07.451 338 98		1.47	1.03	1.69	1.16	0.84	1.62	1.45	1.09	−4	+46	−2	−32	−7	−38	+3	−28	+24	−17	0	−1.16
*30381		06 23 18.38	−14 50 07.2	6.96		H	95.826 581 78	−14.835 326 41		10.61	15.81	−11.05	0.59	0.53	0.94	0.87	0.66	+22	+16	−11	−8	−32	+32	−26	−40	+21	+18	3	−0.99
30382		06 23 18.49	+03 45 52.2	6.41	1	H	95.827 041 50	+03.764 512 54		2.97	1.61	−9.56	0.82	0.59	0.98	0.81	0.63	−18	+53	−37	−15	+11	−23	+1	−2	−4	+6	0	0.17
30383		06 23 19.79	−00 57 15.6	11.43		H	95.832 451 42	−00.954 324 29	B	17.08	−22.60	−7.26	45.07	34.55	17.22	19.55	16.41	+4	+34	−26	−28	−10	−21	−21	−17	−16	−5	0	0.00
30384		06 23 20.39	−00 57 08.1	8.31		H	95.834 954 41	−00.952 263 48	A	2.73	−7.99	−2.86	2.30	1.69	1.98	2.03	1.71	+15	+31	−21	−31	−12	−24	−21	−23	−12	+1	0	0.00
30385		06 23 20.96	+50 44 29.8	7.96		H	95.837 318 71	+50.741 604 87		4.40	−5.20	0.68	0.87	0.65	1.03	1.20	0.87	−24	+25	−3	−6	+39	−7	+34	−34	+18	−47	2	1.86
30386		06 23 22.42	+07 29 15.1	9.91		H	95.843 412 32	+07.487 534 84		2.11	6.87	−7.03	2.59	1.42	2.62	1.96	1.36	−12	+62	−24	−46	−4	−15	−5	−36	+0	−7	0	−0.99
30387		06 23 22.79	−04 41 14.9	6.66		G	95.844 968 41	−04.687 468 59		8.37	3.78	−15.71	1.31	0.76	0.87	1.25	0.82	+58	+1	+2	−79	−49	+5	−47	−77	+2	+51	0	−0.66
30388	H	06 23 23.01	+28 45 21.0	8.34		G	95.845 874 04	+28.755 845 46	A	0.27	1.74	−2.36	3.74	2.91	3.58	4.87	3.10	−53	+17	−34	−18	−24	+27	+9	−66	+40	+13	2	0.13
30389		06 23 24.68	+15 06 06.5	8.00		H	95.852 843 74	+15.101 795 84		2.51	−5.99	−5.80	1.08	0.92	1.20	1.69	1.29	+27	+3	−43	−31	−38	+23	−27	−47	+17	+59	0	0.24
30390		06 23 25.72	−26 22 46.5	7.17	1	H	95.857 151 87	−26.379 593 14		1.04	10.20	−1.29	0.47	0.56	0.79	0.57	0.62	+0	+14	+1	+8	−17	−2	−15	+21	+2	+4	1	0.93
30391		06 23 26.15	+37 26 44.8	10.01		H	95.858 971 20	+37.445 779 06		5.66	−18.82	−55.97	1.38	0.92	1.46	1.87	1.14	+12	+25	+3	+7	−19	−4	−21	−30	−5	+3	0	0.03
30392		06 23 26.24	+07 29 59.1	8.79		H	95.859 344 70	+07.499 746 50		5.52	3.42	−9.07	1.76	0.97	1.81	1.35	0.91	−11	+60	−30	−46	−5	−13	−7	−38	+1	+3	3	0.32
30393		06 23 28.54	+20 23 31.7	9.04		H	95.868 906 78	+20.392 133 16		2.40	4.09	−2.61	1.17	0.75	1.34	1.48	0.92	−8	+29	−28	+12	−16	+9	+1	−47	+31	+12	2	1.48
30394		06 23 29.48	+53 04 38.5	7.71		H	95.872 819 81	+53.077 369 98		5.29	3.65	−26.45	0.76	0.57	0.94	0.82	0.61	+18	+29	−6	+27	+28	+3	+29	+5	+13	+15	0	1.16
30395		06 23 29.55	−29 51 38.8	6.99		H	95.873 116 49	−29.860 779 44		4.29	−2.03	7.59	0.47	0.59	0.78	0.65	0.75	−3	−5	−28	−7	−3	+17	−2	−29	+26	−14	3	0.95
30396		06 23 30.17	+27 07 04.9	7.43		H	95.875 711 17	+27.118 022 50		5.75	−6.51	−1.90	0.98	0.58	1.04	1.09	0.71	−18	+48	−14	+15	+0	−5	+4	−28	+15	−20	0	0.54
30397		06 23 30.58	−18 59 55.1	7.22		H	95.877 425 23	−18.998 626 18		4.45	−13.53	−52.97	0.54	0.54	0.79	0.58	0.61	+15	+8	−1	+7	−38	+4	−39	−7	−7	+22	0	0.40
30398		06 23 30.99	−20 56 31.9	8.15		H	95.879 134 82	−20.942 186 43		1.84	−0.32	−1.03	0.51	0.61	0.92	0.57	0.66	−20	−5	+0	+50	−22	−4	−19	+17	+11	−10	1	1.33
30399		06 23 31.66	+23 05 04.1	8.04		H	95.881 914 00	+23.084 476 52		10.10	−38.28	−5.70	1.35	1.10	2.02	1.79	1.20	−37	+51	−72	+26	−56	+53	+13	−74	+62	+35	0	−1.76
*30400	H	06 23 33.35	+17 39 10.8	8.36		H	95.888 965 32	+17.652 997 57	*	1.70	−2.22	−2.59	1.29	0.86	1.31	1.48	1.04	+21	+36	−11	+14	+9	−3	+12	−10	−6	+49	0	0.24

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
30301	12.940	0.489	9.147	0.024		3.171	0.403	T	5.25	0.66	O	8.5205	0.0323	0.172	54		8.28	8.84	340.00	P 1 A			1 S							G
30302	7.911	0.004	7.634	0.005		0.261	0.007	T	0.29	0.01	L	7.6844	0.0009	0.013	249		7.66	7.71					1							S
30303	7.516	0.006	7.377	0.007	*	0.134	0.008	T	0.15	0.01	L *	7.3830	0.0013	0.010	99	*	7.36	7.39		D	06224+4612	I 1	2 C A	AB	132	0.786	0.009	2.37	0.03	S
30304	8.915	0.019	8.896	0.024	B	0.022	0.029	T	0.04	0.02	L	8.9905	0.0274			B				D	06224+2640	I 2	1 C I A							
30305	9.650	0.026	9.174	0.026		0.448	0.034	T	0.52	0.04	L	9.2401	0.0023	0.017	73		9.21	9.28		C			1							
30306	8.781	0.017	8.745	0.021	A	0.038	0.025	T	0.05	0.02	L	8.8748	0.0265	0.159	69	A	8.66	9.11		D	06224+2640	I 2	1 C P A							
30307	7.873	0.010	7.555	0.011		0.320	0.015	G	0.37	0.02	H	7.6108	0.0018	0.016	87		7.59	7.64		U 2			1							S
30308	10.749	0.037	9.152	0.016		1.338	0.032	T	1.30	0.04	L	9.1724	0.0021	0.024	162		9.13	9.22					1 S							
30309	9.108	0.014	8.672	0.015		0.410	0.015	G	0.48	0.02	H	8.7442	0.0017	0.015	93		8.72	8.78		C			1							
30310	12.123	0.183	10.739	0.076		1.150	0.020	G	1.25	0.04	I	11.0162	0.0034	0.026	118		10.96	11.08					1 S							G
30311	9.703	0.019	9.244	0.019		0.433	0.025	T	0.50	0.03	L	9.2769	0.0017	0.021	118		9.24	9.32		C			1							
30312	9.324	0.022	9.207	0.027		0.113	0.033	T	0.13	0.03	L	9.2637	0.0022	0.013	63		9.24	9.29					1							
30313	9.771	0.017	8.426	0.010	A	0.714	0.126	G	1.09	0.03	L *	8.4404	0.0016	0.017	157	*	8.41	8.47			06225+8008	H 1	2 C D	AB	292	1.106	0.035	3.48	0.19	S D
30314	7.254	0.006	6.592	0.005		0.614	0.001	G	0.66	0.02	A	6.6500	0.0017	0.014	98		6.63	6.67		U 2	06225−6013	I 1	1							S
30315	10.583	0.030	9.812	0.025		0.686	0.030	T	0.74	0.03	L	9.9526	0.0027	0.034	162		9.90	10.01					1							
30316	8.958	0.015	8.372	0.014	A	1.000	0.495	G	0.63	0.05	L *	8.3498	0.0015	0.011	77	*	8.32	8.37		D	06226+3246	I 1	2 C A	AB	322	2.909	0.013	2.65	0.07	S
30317	10.071	0.023	9.561	0.023		0.489	0.025	T	0.56	0.03	L	9.6492	0.0025	0.021	110		9.61	9.69					1							
30318	6.372	0.006	6.036	0.005		0.319	0.007	T	0.37	0.01	L	6.0785	0.0007	0.005	55		6.07	6.09		C			1 G							S
30319	10.815	0.049	9.005	0.020	*	1.537	0.044	T	2.38	0.13	O *	8.8193	0.0198	0.109	97	*	8.61	8.96		U 2	06226−6238	H 1	2 C S D	AB	73	0.147	0.014	0.60	0.66	D
30320	10.241	0.026	9.129	0.017		0.958	0.024	T	0.95	0.02	L	9.1988	0.0019	0.016	104		9.18	9.23		C			1							
30321	7.535	0.007	5.729	0.003		1.510	0.001	G	1.54	0.02	L	5.6847	0.0009	0.006	96		5.67	5.70					1							S
30322	10.430	0.034	9.506	0.025		0.818	0.031	T	0.84	0.02	L	9.5790	0.0029	0.020	103		9.55	9.61		C			1							
30323	9.357	0.015	8.726	0.014		0.582	0.015	T	0.65	0.01	L	8.7953	0.0020	0.014	97		8.77	8.82		C			1							
30324	1.747	0.006	1.933	0.005		−0.240	0.006	G	−0.24	0.02	A	1.8911	0.0014	0.010	84		1.88	1.91	0.25	P 1 A	06227−1757	I 1	1							S
30325	9.122	0.013	8.130	0.010		0.880	0.015	G	0.89	0.01	H	8.1859	0.0015	0.014	111		8.16	8.21					1							S
30326	8.868	0.014	7.590	0.009		1.099	0.014	T	4.20	0.40	O	6.8623	0.1900	1.920	94		6.58	11.33	333.50	P 1 B			1 S							G P
30327	8.461	0.015	8.363	0.018		0.080	0.015	G	0.09	0.02	H	8.3999	0.0025	0.012	48		8.38	8.42		C			1							
30328	7.038	0.008	6.893	0.011		0.110	0.006	G	0.12	0.01	H	6.9274	0.0011	0.007	55		6.91	6.94		C			1							S
30329	10.315	0.021	9.955	0.023		0.341	0.029	T	0.40	0.04	L	10.0668	0.0023	0.035	254		9.99	10.12		C			1 S							G
30330	9.798	0.017	8.162	0.008		1.369	0.015	T	1.34	0.02	L	8.1654	0.0015	0.017	184		8.13	8.19					1							
30331	9.461	0.023	7.823	0.012		1.387	0.009	G	1.36	0.01	H	7.8278	0.0009	0.010	66		7.81	7.84		C			1							
30332	7.592	0.009	7.625	0.010		−0.026	0.012	T	0.00	0.01	L	7.6258	0.0023	0.017	61		7.61	7.65		U 2			1							S
30333	7.264	0.049	7.259	0.043	A	0.022	0.008	G	0.04	0.01	H *	6.9394	0.0009	0.006	47	*	6.93	6.95		D	06228+1734	I 1	2 C A	AB	18	2.221	0.003	0.67	0.02	S
30334	10.552	0.031	9.046	0.015		1.267	0.027	T	1.23	0.03	L	9.0645	0.0027	0.028	132		9.02	9.12					1							
30335	10.068	0.025	8.625	0.013		1.217	0.022	T	1.18	0.02	L	8.6646	0.0016	0.018	130		8.63	8.69					1							
30336	8.798	0.012	8.218	0.011		0.542	0.014	T	0.62	0.01	L	8.2814	0.0008	0.011	96		8.26	8.30		D			1							S
30337	10.085	0.030	8.600	0.016		1.250	0.027	T	1.21	0.03	L	8.6103	0.0021	0.016	100		8.58	8.63					1							
30338	9.394	0.018	7.424	0.008		1.617	0.009	G	1.52	0.02	A	7.4152	0.0012	0.012	123		7.39	7.44					1							S
30339	8.188	0.011	6.845	0.006		1.139	0.010	T	1.10	0.01	L	6.8984	0.0008	0.009	104		6.88	6.92		C	06229−4538	I 1	1							S
30340	7.955	0.008	7.974	0.010		0.003	0.002	G	0.02	0.00	H	7.9825	0.0017	0.012	93		7.96	8.00		C			1							S
30341	8.618	0.013	7.144	0.007		1.241	0.012	T	1.20	0.01	L	7.1923	0.0007	0.008	57		7.18	7.21		D			1							
30342	5.899	0.003	5.633	0.003		0.242	0.007	G	0.26	0.03	C	5.6731	0.0005	0.005	113		5.66	5.68					1 X							S
30343	4.997	0.006	3.086	0.006		1.621	0.007	T	2.30	0.05	O	2.9141	0.0085	0.043	71		2.87	2.99		U 2	06230+2230	I 1	1 S							S
30344	8.190	0.007	7.449	0.006		0.663	0.007	T	0.72	0.01	L	7.5059	0.0012	0.015	196		7.47	7.53		U			1							S
30345	10.360	0.028	8.912	0.014		1.221	0.025	T	1.18	0.03	L	8.9448	0.0018	0.016	114		8.92	8.97		C			1							
30346	8.566	0.015	8.334	0.017		0.221	0.021	T	0.24	0.02	L	8.3633	0.0015	0.012	77		8.34	8.38		C			1							
30347	11.277	0.073	9.912	0.037		1.156	0.064	T	1.12	0.06	L	10.0009	0.0039	0.029	71		9.95	10.04					1							G
30348	7.696	0.010	7.636	0.012		0.060	0.015	T	0.07	0.01	L	7.6589	0.0011	0.006	61		7.65	7.67		C			1							S
30349	9.118	0.020	8.778	0.022		0.308	0.015	G	0.35	0.02	H	8.8573	0.0020	0.015	68		8.83	8.89		C			1							
30350	9.133	0.012	9.123	0.016		0.014	0.018	T	0.03	0.02	L	9.1656	0.0019	0.017	117		9.14	9.19					1							
30351	6.368	0.005	6.527	0.004		−0.148	0.003	G	−0.15	0.00	H	6.5083	0.0021	0.025	114		6.49	6.57	1.19	P 1 A			1							S
30352	8.426	0.011	6.482	0.005		1.612	0.010	G	2.03	0.05	F	6.3756	0.0023	0.018	118		6.34	6.40		U 2			1							S
30353	8.497	0.016	8.464	0.020		0.035	0.024	T	0.05	0.02	L	8.5009	0.0013	0.010	49		8.48	8.52		C			1							
30354	8.418	0.013	8.351	0.016		0.067	0.019	T	0.08	0.02	L	8.3674	0.0014	0.013	68		8.35	8.38		C			1							S
30355	8.455	0.008	7.927	0.008		0.524	0.015	G	0.60	0.02	H	7.9746	0.0013	0.013	167		7.95	8.00		C			1							S
30356	7.044	0.005	7.173	0.007		−0.120	0.015	G	−0.11	0.02	H	7.1683	0.0014	0.012	115		7.15	7.19					1							S
30357	7.856	0.009	6.594	0.006		1.075	0.008	T	1.04	0.01	L	6.6386	0.0010	0.008	94		6.63	6.66		C			1							S
30358	9.550	0.014	8.417	0.009		0.975	0.013	T	0.96	0.01	L	8.4716	0.0016	0.019	164		8.44	8.50					1							S
30359	9.836	0.029	9.562	0.033		0.261	0.041	T	0.29	0.05	L	9.6315	0.0030	0.030	79		9.59	9.70					1 S							G
30360	8.154	0.009	8.107	0.010		0.043	0.012	T	0.06	0.01	L	8.1172	0.0014	0.012	103		8.10	8.14					1							S
30361	10.797	0.051	8.983	0.020		1.510	0.043	T	1.54	0.06	L	8.9601	0.0020	0.017	82		8.93	8.98		C			1							
30362	9.538	0.032	9.605	0.047	A	−0.056	0.052	T	−0.03	0.05	L	11.5383	0.2421			A				D	06232+0854	I 2	1 C F D							D
30363	8.185	0.010	8.245	0.013		−0.043	0.015	G	−0.02	0.01	H	8.2551	0.0015	0.009	60		8.23	8.27		C			1							
30364	7.942	0.014	7.900	0.019	*	0.011	0.010	G	0.03	0.01	H *	8.0211	0.0012	0.007	52	*	8.00	8.04		D	06232+1631	I 1	2 C A	AB	37	2.263	0.013	2.17	0.05	
30365											T	11.3514	0.2351	0.790	50	C	9.99	12.00		D	06232+0854	I 2	1 C P D							G D
30366	10.040	0.029	8.934	0.019		0.954	0.027	T	0.94	0.02	L	8.9790	0.0021	0.013	97		8.95	9.01					1							
30367	10.836	0.059	10.228	0.052		0.567	0.069	T	0.64	0.06	L	10.1972	0.0037	0.024	71		10.15	10.23		C			1							G
30368	8.114	0.009	8.026	0.010		0.086	0.013	T	0.10	0.01	L	8.0650	0.0014	0.010	85		8.05	8.09		C			1							S
30369	10.566	0.033	9.162	0.018		1.187	0.029	T	1.15	0.03	L	9.1864	0.0015	0.017	98		9.17	9.22		C			1							
30370	9.143	0.015	8.615	0.015		0.544	0.015	G	0.62	0.01	H	8.6676	0.0012	0.010	97		8.65	8.69					1							
30371	10.388	0.029	9.830	0.028		0.522	0.036	T	0.59	0.04	L	9.8929	0.0029	0.023	118		9.86	9.95		C			1							
30372	6.433	0.005	6.518	0.005		−0.073	0.006	T	−0.05	0.01	L	6.5168	0.0009	0.007	117		6.50	6.53					1							S
30373	7.482	0.008	7.443	0.009		0.041	0.011	T	0.06	0.01	L	7.4425	0.0012	0.012	76		7.43	7.46					1							S
30374	9.061	0.012	8.552	0.012		0.489	0.013	T	0.56	0.01	L	8.6133	0.0014	0.013	120		8.59	8.64		C			1							S
30375	10.079	0.027	8.533	0.013		1.298	0.024	T	1.26	0.03	L	8.5441	0.0017	0.015	98		8.52	8.57					1							
30376	7.445	0.005	6.417	0.003		0.893	0.003	G	0.93	0.04	E	6.4746	0.0009	0.009	147		6.46	6.49					1							S
30377	9.318	0.014	8.475	0.012		0.741	0.014	T	0.79	0.01	L	8.5466	0.0017	0.013	112		8.52	8.57		C			1							S
30378	8.149	0.007	7.710	0.007		0.420	0.015	G	0.49	0.02	H	7.7732	0.0010	0.012	161		7.76	7.80					1							S
30379	9.743	0.026	9.046	0.022		0.643	0.028	T	0.71	0.03	L	9.1279	0.0027	0.016	80		9.10	9.15		C			1							
30380	12.703	0.221	10.139	0.034		2.604	0.058	G	2.60	0.06	J	9.7609	0.0059	0.064	141		9.60	9.83		U 2 C			1							G
30381	7.225	0.005	6.989	0.005		0.225	0.007	T	0.25	0.01	L	7.0284	0.0009	0.011	134		7.01	7.05					1							S
30382	6.219	0.005	6.368	0.006		−0.149	0.005	G	−0.15	0.01	H	6.3582	0.0022	0.011	62		6.34	6.38		U 2			1							S
30383											T	11.5609	0.1115			B				D	06233−0057	I 2	1 C I A							
30384	9.610	0.025	8.396	0.016	A	1.038	0.023	T	1.01	0.02	L	8.4776	0.0071	0.016	60	A	8.45	8.51		D	06233−0057	I 2	1 C P A							
30385	9.244	0.017	8.076	0.011		1.010	0.015	G	0.99	0.01	H	8.1306	0.0012	0.012	82		8.11	8.15		D			1							
30386	11.275	0.131	9.946	0.063		−0.020	0.040	G	0.00	0.04	R	9.9126	0.0053	0.028	43		9.85	9.96					1 S							G
30387	6.750	0.004	6.662	0.004		0.063	0.006	G	0.07	0.01	H	6.6891	0.0007	0.006	113		6.68	6.70					1							S
30388	8.417	0.017	8.378	0.021	A	0.030	0.015	G	0.05	0.01	H *	8.3592	0.0015	0.010	63	*	8.34	8.37		D	06234+2845	I 1	2 C B	AB	158	1.284	0.068	2.64	0.11	
30389	8.242	0.014	8.021	0.015		0.249	0.016	G	0.28	0.02	H	8.0699	0.0019	0.011	46		8.05	8.09		C			1							
30390	9.318	0.013	7.348	0.005		1.669	0.011	T	1.75	0.04	O	7.2719	0.0013	0.017	177		7.25	7.30		U 2			1							S
30391	10.617	0.051	10.053	0.046		0.528	0.061	T	0.60	0.06	L	10.1259	0.0036	0.026	76		10.09	10.16					1							G
30392	8.743	0.016	8.733	0.021		0.014	0.024	T	0.03	0.02	L	8.8030	0.0028	0.013	46		8.78	8.82					1							
30393	9.275	0.020	9.073	0.024		0.254	0.010	G	0.29	0.01	H	9.1089	0.0018	0.013	74		9.08	9.13		C			1							
30394	7.801	0.010	7.721	0.010		0.079	0.013	T	0.09	0.01	L	7.7431	0.0016	0.012	91		7.72	7.77		C			1							S
30395	8.359	0.010	7.106	0.005		1.068	0.009	T	1.03	0.01	L	7.1542	0.0010	0.010	138		7.13	7.17			06235−2952	I 1	1 S							S
30396	7.512	0.009	7.440	0.008		0.071	0.011	T	0.08	0.01	L	7.4578	0.0015	0.009	80		7.44	7.47		C	06235+2707	I 1	1							S
30397	8.968	0.011	7.361	0.006		1.346	0.010	T	1.31	0.01	L	7.3684	0.0011	0.014	155		7.35	7.42		C			1							S
30398	9.436	0.013	8.258	0.009		1.010	0.012	T	0.99	0.01	L	8.3190	0.0011	0.015	182		8.30	8.35					1							
30399	8.433	0.012	8.091	0.013		0.362	0.015	G	0.42	0.02	H	8.1282	0.0015	0.011	81		8.11	8.15					1							
30400	9.462	0.030	8.442	0.021	*	0.889	0.028	T	0.89	0.02	L *	8.5191	0.0023	0.014	51	*	8.49	8.54		C	06236+1739	I 1	2 C S A	AS	206	0.135	0.013	0.46	0.79	

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
*30401	H	06 23 33.23	−58 10 45.3	8.62		H	95.888 452 33	−58.179 261 33	A	11.65	−52.74	60.04	1.83	1.85	1.52	1.46	1.75	+8	+8	+3	+1	+2	+2	−3	+14	−4	+13	0	0.19
30402		06 23 33.73	+10 50 47.3	8.62		H	95.890 543 01	+10.846 482 95		4.54	16.01	−5.08	1.05	0.77	1.22	1.17	0.83	−15	+32	−26	+2	+1	−22	−3	−10	−9	+15	0	0.38
30403		06 23 33.98	+34 15 55.0	8.27		H	95.891 563 06	+34.265 284 75		2.99	−4.06	−3.95	1.03	0.71	1.07	1.22	0.76	−29	+21	+2	−5	+12	+14	+13	−42	−15	−19	0	0.83
30404		06 23 34.91	+53 57 59.0	9.00		G	95.895 472 21	+53.966 375 84		4.77	0.39	−3.45	1.18	0.86	1.33	1.37	0.94	+2	+18	−25	+10	+43	−15	+38	−20	+5	+1	0	0.89
30405		06 23 35.59	−56 48 22.0	10.00		H	95.898 284 44	−56.806 099 67		1.12	−3.30	12.07	0.92	0.97	0.97	1.10	1.07	−23	+2	+18	+17	−15	−2	−15	+17	−8	−24	0	0.61
30406		06 23 35.85	−20 10 39.4	8.05		H	95.899 382 61	−20.177 613 90		3.07	−15.43	−1.03	0.52	0.56	0.93	0.56	0.58	−7	+3	−12	+53	−27	+13	−18	+15	+14	+11	0	0.82
30407		06 23 35.92	−09 52 29.1	6.11	2	H	95.899 665 06	−09.874 739 01		1.59	−2.82	4.80	0.66	0.50	0.85	0.77	0.63	−21	+28	−28	−41	−1	−6	+6	−59	+36	−24	0	−0.26
30408		06 23 38.81	+40 31 17.0	6.81		H	95.911 705 19	+40.521 390 84		7.13	30.70	−8.16	0.69	0.48	0.86	0.94	0.64	−1	+14	−19	−2	+0	+4	+6	−43	+31	+5	0	−1.59
30409		06 23 39.12	−27 03 56.7	8.50	2	H	95.913 017 09	−27.065 750 63		0.52	−1.44	2.65	0.68	0.79	1.14	0.93	0.93	−3	−2	−7	+17	−17	+3	−15	+15	+7	−6	1	3.00
30410		06 23 39.63	−33 19 10.5	7.43		H	95.915 129 23	−33.319 595 97		10.53	−23.98	58.47	0.51	0.56	0.73	0.61	0.65	−7	+23	+4	+27	+0	+30	−7	−22	+3	−23	0	1.26
30411	H	06 23 39.80	+32 19 58.5	9.12		H	95.915 840 30	+32.332 912 96	A	7.41	−17.07	−26.79	2.14	1.49	2.08	2.30	1.44	−8	+16	+14	+1	−1	+16	−5	−44	−26	−8	0	0.46
30412		06 23 40.27	−11 40 31.8	9.84		H	95.917 805 42	−11.675 500 87		0.02	−1.91	4.03	1.22	0.99	1.34	1.59	1.27	−28	+21	−21	−55	+18	−4	+22	−61	+23	−24	2	0.74
30413		06 23 40.88	−28 40 58.0	11.75		H	95.920 328 52	−28.682 766 04		15.73	−178.42	120.56	3.06	3.70	4.83	3.69	4.73	−5	+13	−9	−2	−2	−9	−3	−11	+9	−14	0	
30414		06 23 42.76	−16 28 02.0	6.57		G	95.928 184 64	−16.467 212 71		6.25	0.70	9.69	0.59	0.54	0.79	0.77	0.65	+4	+15	−8	−27	−6	+15	−4	−45	+12	−6	0	0.49
30415		06 23 43.61	−12 34 43.2	8.07		H	95.931 711 33	−12.578 665 55		0.89	−7.43	−5.70	0.75	0.63	1.00	1.00	0.89	−6	+27	−22	−12	−12	−6	+3	−39	+24	+34	0	−1.02
30416		06 23 44.62	+40 58 51.4	9.48		H	95.935 916 81	+40.980 949 34		0.35	−2.94	−11.62	1.24	0.86	1.51	1.70	1.08	+5	+28	−8	−19	−14	+15	−7	−51	+18	+9	0	−1.47
30417		06 23 45.14	+14 58 30.9	8.80		H	95.938 088 17	+14.975 261 60		0.96	12.58	−19.29	1.31	1.08	1.43	1.76	1.34	+17	+8	−45	−42	−41	+29	−30	−52	+24	+39	3	1.22
30418		06 23 45.25	−37 00 52.6	6.89		G	95.938 541 67	−37.014 603 28		2.48	0.04	5.54	0.44	0.45	0.59	0.44	0.57	−9	+4	+5	+15	+1	+17	+1	−21	−12	−9	0	−1.54
30419		06 23 46.10	+04 35 34.2	4.39		H	95.942 073 68	+04.592 838 81	A	25.39	−20.88	10.75	1.19	0.93	1.02	1.28	0.99	+2	+16	−33	−6	−13	−21	−28	−16	−9	+1	11	2.70
30420		06 23 46.14	−15 04 16.5	6.27		H	95.942 262 57	−15.071 261 37		2.07	0.07	1.77	0.54	0.47	0.82	0.76	0.61	+20	+26	−3	+0	−14	+18	−11	−28	+11	+16	1	0.67
30421		06 23 46.42	+06 00 23.7	9.33		G	95.943 434 43	+06.006 573 50		14.56	75.81	−212.46	1.35	1.05	1.50	1.43	1.15	+1	+18	−11	−39	+5	−8	+0	−37	−28	+20	0	−1.34
30422		06 23 46.50	+04 35 45.1	6.72		G	95.943 736 65	+04.595 866 51	B	41.09	6.70	−22.26	16.80	12.95	10.14	13.33	10.26	−5	+20	−37	−1	−8	−20	−22	−10	−8	−3	11	2.70
30423		06 23 46.92	−58 32 38.2	6.47		G	95.945 485 24	−58.543 933 01		10.22	9.54	25.51	0.46	0.44	0.47	0.53	0.53	+2	+3	+3	+0	−9	−8	−9	+7	+0	+1	0	−0.69
*30424		06 23 47.60	−33 33 11.6	8.80		H	95.948 326 14	−33.553 208 83		2.79	4.72	11.67	0.63	0.76	0.96	0.74	0.90	−10	+0	+14	−10	+16	+17	+10	−35	−1	−26	1	−1.87
*30425	H	06 23 47.57	+02 39 56.7	6.86		H	95.948 193 07	+02.665 737 35	A	1.34	−1.01	−2.70	1.09	0.78	1.11	1.03	0.84	−14	+39	−12	+6	−26	+9	−35	+5	−25	−35	1	0.02
30426	H	06 23 47.66	−19 47 07.5	6.61	1	G	95.948 570 97	−19.785 411 68	A	1.31	−5.42	7.55	0.66	0.66	0.87	0.63	0.64	−9	+4	−10	+42	−45	+19	−41	+10	+10	+7	1	0.67
30427		06 23 51.17	+39 44 58.8	8.73		H	95.963 219 34	+39.749 659 33		2.93	−3.18	−3.01	0.92	0.60	1.13	1.24	0.80	+12	+17	−3	+1	+6	−9	+6	−43	+28	+2	0	0.11
30428		06 23 51.52	+18 27 25.3	8.58		H	95.964 676 59	+18.457 029 90		0.43	−1.02	−6.30	1.38	0.82	1.45	1.42	0.97	+14	+59	−18	+13	−4	+6	+10	−9	+16	+47	0	0.50
30429		06 23 52.51	−36 04 17.1	8.74		H	95.968 800 97	−36.071 429 37		9.43	−5.82	7.46	0.63	0.72	0.87	0.73	1.05	−6	+12	+4	+18	+5	+13	+4	−33	−15	−7	0	−0.62
30430		06 23 53.62	−04 43 43.8	7.30		H	95.973 434 06	−04.728 825 96		2.57	−0.87	−12.20	1.00	0.69	0.95	0.98	0.78	+9	+11	+10	−56	+3	−6	+4	−65	−9	+3	0	−3.06
30431		06 23 53.88	−00 01 22.3	8.30		H	95.974 519 32	−00.022 856 53		3.75	−5.61	−3.09	1.10	0.82	1.16	1.18	1.04	−32	+39	−22	+25	−20	−19	−33	+25	−16	−30	0	−0.32
30432		06 23 53.93	+40 48 31.3	7.15	1	H	95.974 704 65	+40.808 691 88		0.92	−0.15	2.89	0.73	0.52	0.92	1.00	0.67	+12	+23	−19	−5	−11	+10	−3	−44	+21	+22	2	−0.90
30433	H	06 23 54.03	+14 06 48.7	7.90		G	95.975 137 92	+14.113 525 35	*	4.31	−11.64	−8.70	4.38	3.04	1.82	2.97	2.08	−11	+17	−7	−51	−18	+24	−22	−50	−11	+7	2	0.73
30434		06 23 54.64	+01 41 19.9	9.36		G	95.977 680 84	+01.688 848 39		0.77	−3.95	−0.25	1.13	0.91	1.33	1.00	0.85	+2	+30	−27	−21	+0	+2	+3	−20	+10	+17	0	−1.70
30435		06 23 55.34	+53 13 40.9	8.07	1	H	95.980 602 67	+53.228 013 92		3.97	−3.60	−15.92	0.89	0.70	1.20	1.04	0.76	−9	+24	−31	+12	+27	−12	+26	−12	+25	−14	0	0.67
30436		06 23 55.91	−25 34 39.1	5.61	1	H	95.982 974 43	−25.577 529 92		4.68	3.57	−40.92	0.39	0.45	0.63	0.51	0.50	+9	+7	−16	−5	−25	+6	−21	−1	−1	+4	0	1.33
30437	H	06 23 56.60	+64 54 41.0	8.35		H	95.985 824 44	+64.911 381 26	A	9.28	−22.04	15.27	0.87	1.00	1.37	1.08	1.19	−5	+11	−3	+3	−9	−1	−8	−23	+16	−18	1	0.40
30438		06 23 57.09	−52 41 44.6	−0.62	2	H	95.987 877 63	−52.695 717 99		10.43	19.99	23.67	0.50	0.46	0.53	0.53	0.56	+2	+11	−14	−23	−7	+15	−6	+19	−25	−4	1	3.15
30439		06 23 57.61	−45 56 52.2	7.86		H	95.990 044 40	−45.947 819 87		15.55	299.93	155.89	0.60	0.52	0.69	0.69	0.80	−9	+4	−14	−3	+4	+8	+6	−35	+1	−8	0	1.07
30440		06 23 58.31	−68 36 03.3	8.30	2	H	95.992 947 25	−68.600 914 56		1.54	8.60	8.14	0.64	0.65	0.71	0.62	0.76	+3	+17	+11	−18	+15	−8	+15	−31	−23	+12	0	1.33
30441		06 23 58.81	−09 04 07.7	7.54		H	95.995 039 52	−09.068 801 15		1.20	−2.55	2.89	0.74	0.56	0.99	0.86	0.70	−18	+34	−36	−36	−9	−12	−2	−55	+30	−6	0	−3.39
30442		06 23 59.58	+75 39 21.8	8.08		H	95.998 267 51	+75.656 062 59		4.49	34.57	−11.81	0.55	0.63	0.81	0.71	0.73	+6	+14	−3	+13	+15	+11	+16	+0	+0	+25	0	0.34
30443		06 24 00.18	+08 18 02.5	9.73	2	H	96.000 746 77	+08.300 693 19		−1.67	−2.85	0.76	1.73	1.28	1.86	1.57	1.22	−7	+39	−7	−34	+8	−3	+3	−42	−13	+3	6	−1.24
30444		06 24 01.02	−36 42 28.4	5.62		H	96.004 245 70	−36.707 896 74		10.58	−12.79	54.66	0.46	0.45	0.60	0.48	0.58	−7	+7	+6	+5	+2	+16	+0	−20	−10	−8	0	−0.58
30445		06 24 01.23	+09 10 17.7	7.34		H	96.005 141 62	+09.171 577 49		0.88	−8.48	−7.35	0.94	0.65	1.02	0.85	0.65	+14	+51	−10	+7	+14	−13	+9	−5	−8	+34	0	0.39
30446		06 24 01.82	+19 54 32.3	9.00	2	H	96.007 570 05	+19.908 977 16		3.37	1.32	−1.16	1.45	0.99	1.72	1.75	1.19	−9	+41	−39	+6	−8	+20	+15	−34	+34	+20	0	−2.36
30447		06 24 02.04	−70 11 12.7	7.72		H	96.008 517 99	−70.186 868 16		6.79	3.59	15.59	0.62	0.56	0.60	0.69	0.73	−3	+7	+1	−37	−1	+17	+2	−15	−8	−22	2	−0.02
30448		06 24 02.29	+08 53 06.1	6.24		H	96.009 540 36	+08.885 036 25		3.87	−10.76	−9.00	0.77	0.54	0.86	0.69	0.54	+1	+52	−6	−1	+3	−17	−4	−2	−9	+1	0	−0.60
30449		06 24 02.33	+47 42 23.9	10.20	3	H	96.009 724 97	+47.706 631 00	*	−1.49	6.12	0.34	1.67	1.16	3.44	1.49	1.00	−28	−19	−1	+21	+41	−18	+42	+8	−38	+11	0	−1.69
30450		06 24 03.11	−31 46 23.9	8.23		H	96.012 975 50	−31.773 304 74		6.65	−16.03	−52.56	0.57	0.62	0.84	0.72	0.73	+1	+15	−2	+10	−7	+15	−9	−2	−15	−7	0	2.12
30451		06 24 03.64	−39 42 10.1	8.00		H	96.015 159 56	−39.702 795 90		2.52	1.71	−0.42	0.55	0.55	0.71	0.57	0.73	+3	+1	−2	+5	−6	+6	−7	−6	−9	+9	0	1.55
30452		06 24 03.89	+25 25 01.2	8.44	2	G	96.016 214 00	+25.417 006 00		0.00	−0.11	−1.14	1.14	0.75	1.26	1.29	0.88	−14	+40	−18	+2	−11	+12	+3	−45	+21	+3	0	0.27
30453		06 24 05.14	+81 44 54.5	9.12		H	96.021 437 03	+81.748 478 11		1.82	−2.73	0.63	0.80	0.87	1.09	0.91	1.00	+12	+35	+21	+2	+2	+1	−4	−5	−14	+9	0	−1.23
30454		06 24 05.61	+39 06 36.5	8.52		H	96.023 385 97	+39.110 151 68		3.62	−17.20	0.92	1.01	0.64	1.24	1.40	0.84	+15	+12	−13	+11	−5	−11	−1	−41	+32	+14	0	0.04
30455		06 24 06.12	−36 42 10.7	6.84		H	96.025 516 86	−36.702 970 55		7.67	−25.29	−5.20	0.48	0.48	0.62	0.52	0.64	−11	+7	+2	−1	+4	+13	+4	−25	−6	−9	0	−1.39
30456	H	06 24 07.33	−50 31 47.5	7.85		H	96.030 522 73	−50.529 864 95	A	3.89	−4.07	32.21	0.91	0.89	0.90	1.15	0.92	−10	+5	+3	+28	−13	+21	−10	+0	+13	−3	0	0.15
30457		06 24 10.35	−11 31 48.0	5.21		H	96.043 138 46	−11.530 009 82		7.76	−55.56	−32.11	0.66	0.50	0.74	0.82	0.63	−25	+21	−21	−52	+17	−1	+22	−56	+25	−34	0	−0.77
30458		06 24 10.62	+60 05 04.0	7.10		H	96.044 239 50	+60.084 452 06		7.57	−29.71	8.32	0.73	0.57	0.87	0.87	0.68	+0	+23	−17	+39	+11	−11	+15	+21	+30	−5	0	−1.75
30459		06 24 11.21	−24 31 50.2	10.82		G	96.046 712 99	−24.530 612 76		2.14	−26.94	−12.42	1.10	1.46	2.01	1.31	1.69	−14	+16	+4	+42	−20	+4	−15	+15	+15	−9	0	2.61
30460		06 24 11.70	+15 51 03.1	7.87	1	G	96.048 768 36	+15.850 867 17		4.30	−3.13	−12.85	0.93	0.67	1.06	1.03	0.80	−20	+47	−35	−12	+11	−13	+11	−23	+1	+19	0	0.56
*30461		06 24 13.07	−26 26 42.1	6.68		H	96.054 455 84	−26.445 024 72		3.03	2.90	−0.83	0.43	0.48	0.68	0.53	0.55	−1	+14	−6	+15	−15	+4	−13	+17	+6	+4	1	−0.62
*30462	H	06 24 12.57	+73 54 56.9	9.13		H	96.052 395 66	+73.915 808 78	A	6.72	−10.06	1.97	1.58	2.18	2.50	1.47	2.19	+16	+7	+14	+4	+4	−1	+4	+4	+10	+22	2	1.01
30463		06 24 13.88	−60 16 53.0	5.78		H	96.057 830 68	−60.281 397 97		11.37	−30.78	29.99	0.46	0.42	0.45	0.55	0.48	−10	+7	+5	+30	−18	+7	−22	+10	−3	−27	0	−0.36
30464		06 24 16.28	−31 09 31.2	9.01		G	96.067 818 63	−31.158 660 53		1.20	2.07	6.22	0.58	0.72	0.93	0.65	0.88	−8	+2	−1	+2	+1	+21	+1	−4	−10	−10	0	1.52
30465		06 24 17.30	−53 34 33.9	9.16		H	96.072 084 94	−53.576 078 89		7.03	−37.53	55.49	0.75	0.69	0.77	0.80	0.87	−2	−4	−2	−5	−9	+14	−10	+6	−5	−5	1	−1.14
30466		06 24 17.38	+43 13 49.6	6.98		H	96.072 436 81	+43.230 442 72		5.03	8.12	−40.20	0.82	0.53	0.90	1.00	0.61	+16	+38	−3	+7	−6	+6	+4	−30	+4	+41	0	−2.23
30467		06 24 17.61	−65 40 34.5	7.62		G	96.073 361 45	−65.676 252 65		7.27	−11.41	41.91	0.56	0.56	0.59	0.65	0.70	−8	+24	−8	−10	−8	+2	−8	+7	−1	−9	0	−0.22
30468		06 24 20.58	−12 57 43.0	6.12		G	96.085 752 50	−12.961 948 40		1.70	−3.30	3.65	0.59	0.48	0.75	0.72	0.63	+6	+32	−15	−24	−13	+3	−3	−40	+21	+30	0	−0.42
30469		06 24 21.16	−16 13 28.4	6.95		H	96.088 150 20	−16.224 548 55	A	3.65	−18.13	−6.73	1.57	1.54	1.79	1.79	1.55	+13	+2	−21	−25	−20	+21	−13	−39	+24	+15	17	2.07
30470		06 24 21.37	−59 05 19.8	8.51		H	96.089 046 25	−59.088 829 82		1.20	−5.75	9.69	0.65	0.66	0.68	0.75	0.76	−8	−3	+16	+19	−10	−1	−11	+5	+0	−13	0	0.11
30471		06 24 22.30	−16 13 27.7	8.63		H	96.092 925 80	−16.224 348 47	B	10.33	−13.35	−13.15	15.89	15.93	10.83	13.78	12.16	+9	+10	−19	−17	−20	+24	−12	−36	+25	+15	17	2.07
30472		06 24 22.75	−35 16 58.1	8.33		H	96.094 799 08	−35.282 816 07		3.99	8.05	−16.91	0.65	0.68	0.85	0.73	0.97	−15	+12	−2	−22	+17	+12	+19	−43	−2	−15	0	−0.86
30473	H	06 24 22.79	+05 19 26.8	8.83		G	96.094 944 54	+05.324 108 78	A	0.34	−0.91	−3.26	2.59	1.92	2.55	3.14	2.42	+3	+31	−28	−22	−10	−15	−17	−22	−22	+47	0	3.04
30474		06 24 23.72	+51 04 37.8	7.04	1	H	96.098 828 25	+51.077 165 17		4.12	3.14	0.84	0.73	0.56	0.87	1.07	0.76	−12	+15	+18	+3	+39	+9	+24	−36	−3	−47	2	3.35
30475		06 24 24.27	−37 32 01.5	9.10		H	96.101 135 70	−37.533 750 74		1.89	−5.53	−3.71	0.70	0.73	0.93	0.73	0.98	−15	+19	+7	+7	+9	+11	+2	−51	−18	−22	2	−2.24
30476		06 24 24.41	−42 50 57.9	6.67		H	96.101 714 59	−42.849 407 78		35.85	−77.38	777.64	0.43	0.40	0.52	0.47	0.56	+3	+6	+4	−6	−6	+4	−8	−13	−10	+4	0	0.05
*30477		06 24 24.64	−79 42 57.3	8.86		H	96.102 676 85	−79.715 922 83		4.23	19.01	30.37	0.69	0.72	0.76	0.75	0.99	−13	+20	+12	−16	+10	+2	+6	−20	−19	−34	0	1.42
*30478		06 24 24.50	−27 18 53.3	7.98		H	96.102 084 40	−27.314 818 69		14.94	30.50	149.88	0.53	0.63	0.88	0.73	0.79	+0	+1	−9	−2	−16	+4	−15	+9	−1	+5	0	−0.69
30479		06 24 25.10	−47 24 22.6	9.03		H	96.104 592 96	−47.406 291 55		1.57	−6.35	4.55	0.75	0.65	0.87	0.97	0.90	+2	+1	−8	−7	−6	+27	−4	−12	−11	+6	0	1.76
30480		06 24 26.57	−63 25 43.1	6.45		G	96.110 711 03	−63.428 647 24		31.46	19.37	−116.00	0.48	0.51	0.52	0.51	0.55	−8	+16	−6	+16	−18	+4	−21	−7	−1	−24	0	1.00
30481		06 24 26.86	+66 30 48.7	8.23		H	96.111 928 18	+66.513 523 94		12.70	−31.51	−89.66	0.59	0.66	0.95	0.65	0.68	−2	+22	−21	−4	−4	−3	−5	−13	−2	−2	0	1.92
30482	H	06 24 28.01	+41 48 58.4	8.78		H	96.116 723 61	+41.816 216 72	A	0.86	5.00	−8.90	1.70	1.38	2.04	2.07	1.37	−10	+18	−47	+1	−34	+45	+0	−54	+47	+36	1	0.40
30483		06 24 28.08	+13 00 54.2	7.00		H	96.117 010 76	+13.015 051 72		0.20	1.22	−3.01	0.85	0.66	1.00	0.89	0.64	−13	+35	−43	−24	+5	−10	+0	−26	−10	+41	0	1.45
30484		06 24 29.19	+37 18 59.7	7.04		H	96.121 637 59	+37.316 583 63		0.95	−0.67	−2.85	0.80	0.52	0.86	0.98	0.60	+8	+27	−6	+11	−27	−11	−26	−22	+8	−4	0	0.97
30485		06 24 29.61	+08 23 49.3	7.52		H	96.123 364 77	+08.397 025 04		4.05	−0.99	−3.84	0.96	0.67	1.05	0.88	0.69	+12	+46	−11	−25	−9	−13	−14	−27	−12	+27	0	−0.01
30486		06 24 30.80	+38 34 09.8	7.59		G	96.128 319 95	+38.569 393 67		22.29	88.26	−91.90	0.91	0.54	1.05	1.26	0.76	+21	+21	−12	+20	+3	−4	+8	−28	+32	+20	0	0.98
30487		06 24 30.88	+20 57 41.9	10.03		H	96.128 664 10	+20.961 638 13		4.22	2.41	−2.73	1.48	1.03	1.64	1.81	1.23	−14	+37	−27	+7	−3	+15	+17	−40	+19	+27	0	−0.43
30488	H	06 24 31.31	+47 07 15.4	8.03		G	96.130 454 32	+47.120 943 27	A	7.26	9.21	−17.23	1.15	0.79	1.26	1.13	0.73	−11	+35	−7	+22	+26	+8	+39	−9	+11	+8	0	−0.02
30489	H	06 24 32.43	+04 11 11.7	7.32		G	96.135 143 83	+04.186 587 23	*	1.83	−5.24	−4.01	0.85	0.62	0.98	0.94	0.77	−4	+45	−14	−1	−9	−22	−19	−3	−12	−15	0	0.47
30490		06 24 33.13	+45 10 02.3	8.18		H	96.138 029 39	+45.167 305 09		1.75	13.36	−0.09	0.86	0.62	1.01	1.11	0.72	+11	+23	−7	−10	−18	+16	−9	−40	+11	+31	0	1.54
30491		06 24 33.25	+59 41 57.8	7.56		H	96.138 549 47	+59.699 402 00		6.45	1.85	−43.60	0.77	0.59	0.98	0.83	0.70	−15	+44	−25	+34	+1	−7	+11	+14	+27	−9	0	0.95
30492		06 24 33.80	+11 15 23.4	6.85		H	96.140 826 21	+11.256 506 91		3.92	4.80	−2.83	0.76	0.56	0.82	0.85	0.63	−6	+24	−14	−4	−1	−1	−3	−10	−5	−1	0	2.25
30493	H	06 24 33.94	−01 25 05.5	6.72		G	96.141 402 12	−01.418 203 06	A	3.65	−3.00	−7.01	1.03	0.84	1.10	1.03	0.88	+15	+19	−41	−21	−7	−23	−19	−9	−8	+28	1	−0.35
30494		06 24 36.60	+12 51 38.8	7.75		H	96.152 504 72	+12.860 780 66		1.92	−10.17	−14.81	0.94	0.66	1.04	0.97	0.72	−10	+41	−23	−24	+1	−11	−7	−26	−21	+32	0	0.85
30495		06 24 37.95	−38 16 21.1	8.30		H	96.158 121 71	−38.272 527 32		0.86	4.16	5.31	0.61	0.56	0.74	0.74	0.73	−10	+14	−5	+18	−2	+14	−3	−13	−13	−12	1	0.55
30496	H	06 24 38.35	+19 42 15.8	8.42		G	96.159 804 60	+19.704 399 15	A	1.22	3.49	−2.64	1.76	1.08	1.70	1.88	1.22	−13	+48	−32	−11	+1	+8	+12	−38	+18	+3	0	−0.51
30497		06 24 38.96	+35 15 18.4	6.56		G	96.162 323 61	+35.255 101 63		5.47	14.16	−28.64	0.81	0.51	0.90	0.85	0.52	−13	+43	−18	+1	−5	−4	−2	−29	−6	+15	0	1.04
30498		06 24 41.01	+23 09 16.6	8.61		H	96.170 871 27	+23.154 618 83		5.86	−4.08	−4.86	1.49	1.06	1.79	1.78	1.16	+0	+44	−46	−6	−58	+40	−21	−72	+36	+44	0	1.55
30499		06 24 42.37	+35 08 42.5	7.87		G	96.176 537 88	+35.145 127 74		10.60	−6.93	−7.53	0.95	0.62	1.03	0.97	0.59	−20	+42	−12	+1	−20	+13	−12	−34	−10	+4	0	1.51
30500		06 24 43.07	+00 54 30.7	8.77		G	96.179 464 75	+00.908 518 76		4.56	3.12	1.97	1.04	0.88	1.28	1.12	0.94	−14	+18	−27	−24	+13	−29	+3	−16	−15	−7	0	1.03

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
30401	9.126	0.026	8.387	0.020	*	0.662	0.025	T	0.72	0.02	L *	8.7554	0.0011	0.013	116	*	8.73	8.79		D	06236−5811	I 1	2 C A	AB	84	1.594	0.004	0.29	0.02	
30402	9.004	0.019	8.647	0.021		0.338	0.026	T	0.39	0.04	L	8.6994	0.0026	0.014	50		8.68	8.72					1							
30403	9.455	0.024	8.361	0.016		0.945	0.022	T	0.94	0.02	L	8.4278	0.0016	0.013	63		8.41	8.45		C			1							
30404	9.426	0.023	9.042	0.024		0.401	0.015	G	0.47	0.02	H	9.0909	0.0025	0.017	77		9.07	9.12		C			1							
30405	10.175	0.026	9.977	0.032		0.182	0.040	T	0.20	0.05	L	10.0597	0.0027	0.024	104		10.01	10.11					1						G	
30406	8.031	0.006	8.041	0.008		−0.005	0.002	G	0.02	0.00	H	8.0546	0.0010	0.015	169		8.03	8.08					1						S	
30407	8.495	0.010	6.369	0.005		1.841	0.001	G	1.85	0.09	H	6.2013	0.0020	0.029	179		6.18	6.26		U 2 C			1 S						S	
30408	8.180	0.010	6.940	0.005		1.058	0.009	T	1.02	0.01	L	6.9795	0.0008	0.008	114		6.97	6.99		C			1						S	
30409	12.479	0.165	9.002	0.013		2.860	0.600	G	2.55	0.38	P	8.5068	0.0171	0.195	157		8.21	8.75		U 2 C			1 S							P
30410	7.911	0.008	7.472	0.007		0.428	0.009	T	0.50	0.01	L	7.5302	0.0010	0.010	128		7.51	7.55		C			1 S						S	
30411	9.606	0.022	9.243	0.024	*	0.344	0.031	T	0.40	0.04	L *	9.2035	0.0017	0.017	75	*	9.17	9.23		D	06237+3220	I 1	2 C A	AB	232	0.919	0.015	2.08	0.08	
30412	9.856	0.020	9.814	0.028		0.043	0.032	T	0.06	0.03	L	9.8548	0.0021	0.022	126		9.81	9.89		C			1							G
30413											T	11.8919	0.0082	0.069	138		11.76	12.05					1 X S							G
30414	6.919	0.004	6.596	0.005		0.307	0.006	T	0.35	0.01	L	6.6499	0.0009	0.008	133		6.64	6.67		C			1						S	
30415	9.208	0.015	8.171	0.010		0.902	0.014	T	0.90	0.01	L	8.2318	0.0016	0.015	116		8.20	8.26					1							
30416	9.927	0.027	9.488	0.028		0.414	0.036	T	0.48	0.04	L	9.5744	0.0016	0.016	92		9.54	9.60					1							
30417	10.179	0.042	8.849	0.024		1.129	0.038	T	1.09	0.04	L	8.9630	0.0022	0.017	54		8.93	8.99		C			1							
30418	6.765	0.004	6.873	0.005		−0.096	0.004	G	−0.08	0.01	H	6.8650	0.0010	0.011	124		6.85	6.88					1						S	
30419	4.644	0.004	4.433	0.003	A	0.215	0.015	G	0.25	0.02	A	4.4559	0.0052	0.016	41	A	4.44	4.49		D	06237+0436	I 2	1 C P A						S	
30420	8.236	0.008	6.414	0.004		1.534	0.005	G	1.58	0.01	H	6.3875	0.0008	0.008	138		6.38	6.40					1						S	
30421	10.241	0.036	9.354	0.026		0.691	0.003	G	0.75	0.00	H	9.4607	0.0023	0.019	60		9.42	9.52					1							G
30422	7.104	0.013	6.639	0.013	B	0.450	0.015	G	0.52	0.02	H	6.9232	0.0442			B				D	06237+0436	I 2	1 C I A						S	
30423	6.627	0.004	6.482	0.004		0.120	0.003	G	0.13	0.00	H	6.5102	0.0006	0.007	125		6.50	6.52		D			1						S	
30424	10.107	0.028	8.918	0.017		1.018	0.026	T	0.99	0.02	L	8.9657	0.0023	0.017	117		8.94	8.99		C			1							
30425	8.359	0.023	7.054	0.010	A	1.000	0.495	G	1.03	0.02	L *	7.0232	0.0019	0.011	53	*	7.01	7.04		C	06238+0240	I 1	2 C A	AB	128	2.117	0.012	2.92	0.06	S
30426	6.461	0.004	6.609	0.005	*	−0.126	0.003	G	−0.12	0.00	H *	6.5596	0.0015	0.015	180	*	6.54	6.59	5.05	P 1 A	06238−1947	I 1	2 C A	AB	156	0.828	0.002	1.30	0.01	S
30427	8.779	0.011	8.728	0.013		0.052	0.016	T	0.06	0.01	L	8.7516	0.0017	0.015	120		8.73	8.78		C			1							
30428	8.823	0.018	8.591	0.020		0.174	0.015	G	0.19	0.02	H	8.6385	0.0015	0.012	47		8.61	8.66		D			1 S							
30429	9.322	0.015	8.801	0.014		0.498	0.015	T	0.57	0.02	L	8.8456	0.0021	0.016	105		8.82	8.87		C			1							
30430	8.586	0.010	7.407	0.007		1.007	0.020	G	0.98	0.02	H	7.4651	0.0009	0.010	104		7.45	7.48		C			1						S	
30431	8.202	0.013	8.282	0.017		−0.068	0.019	T	−0.05	0.02	L	8.2819	0.0039	0.021	46		8.25	8.32					1							
30432	9.240	0.016	7.317	0.007		1.596	0.014	T	1.62	0.01	L	7.2682	0.0018	0.013	106		7.25	7.29		M			1							
30433	7.892	0.016	7.896	0.016	*	−0.034	0.070	G	−0.01	0.07	H *	7.8889	0.0028	0.016	43	*	7.87	7.91		D	06239+1407	H 1	2 C A	AB	320	0.268	0.016	1.65	0.12	S
30434	9.586	0.028	9.352	0.032		0.210	0.015	G	0.23	0.02	H	9.4268	0.0027	0.016	53		9.38	9.44		C			1							G
30435	10.387	0.035	8.323	0.013		1.708	0.030	T	1.73	0.03	L	8.1727	0.0036	0.023	83		8.14	8.21		U			1							
30436	7.650	0.005	5.791	0.003		1.561	0.002	G	1.57	0.09	H	5.7311	0.0009	0.010	159		5.71	5.74		U 2			1						S	
30437	8.779	0.016	8.369	0.019	*	0.388	0.023	T	0.45	0.03	L *	8.4368	0.0017	0.017	164	*	8.41	8.48		D	06240+6455	I 1	2 C A	AB	272	3.816	0.014	2.69	0.06	
30438	−0.417	0.019	−0.608	0.016		0.164	0.017	G	0.23	0.02	A	−0.5536	0.0066	0.039	87		−0.60	−0.48		U			1 S						S	
30439	8.732	0.013	7.949	0.011		0.710	0.010	G	0.76	0.01	H	8.0016	0.0013	0.010	90		7.98	8.02		C	06240−4557	I 1	1							
30440	10.286	0.029	8.570	0.013		1.460	0.026	T	2.91	0.05	O	8.2323	0.0109	0.120	106		8.09	8.43		U 2			1							
30441	9.736	0.013	7.726	0.006		1.665	0.011	T	1.69	0.01	L	7.6426	0.0012	0.015	186		7.62	7.67					1							
30442	9.416	0.014	8.199	0.009		1.040	0.013	T	1.01	0.01	L	8.2475	0.0016	0.018	162		8.22	8.28					1						S	
30443	9.793	0.031	9.773	0.044		0.130	0.015	G	0.14	0.01	H	9.7832	0.0049	0.036	51		9.72	9.82		U			1							G
30444	6.929	0.004	5.735	0.003		1.027	0.008	G	0.97	0.04	E	5.7867	0.0007	0.005	118		5.78	5.80		C	06240−3642	I 2	1						S	
30445	7.233	0.008	7.313	0.010		−0.070	0.015	G	−0.05	0.01	H	7.3276	0.0015	0.009	45		7.32	7.34		C			1						S	
30446	9.340	0.025	9.027	0.028		0.350	0.015	G	0.41	0.02	H	9.0793	0.0061	0.034	45		9.02	9.12		U 2			1							
30447	8.216	0.010	7.770	0.009		0.446	0.007	G	0.52	0.01	H	7.8181	0.0011	0.012	97		7.79	7.84		C			1						S	
30448	6.149	0.005	6.219	0.006		−0.060	0.007	T	−0.04	0.01	L	6.2319	0.0013	0.007	56		6.22	6.25					1						S	
30449	13.350	0.522	10.136	0.045		2.450	0.510	G	2.45	0.52	J	10.2237	0.1317	0.686	116		9.05	10.63	349.00	P 1 A			1 V							G
30450	8.799	0.010	8.283	0.009		0.485	0.012	T	0.56	0.01	L	8.3339	0.0015	0.016	139		8.31	8.36		C			1						S	
30451	9.396	0.016	8.147	0.010		1.065	0.015	T	1.03	0.01	L	8.1723	0.0013	0.014	117		8.15	8.20		C			1							
30452	8.568	0.013	8.468	0.016		0.042	0.012	G	0.06	0.01	H	8.4572	0.0055	0.042	80		8.40	8.53		U 2			1							
30453	10.368	0.031	9.226	0.020		0.982	0.029	T	0.96	0.02	L	9.2878	0.0019	0.018	118		9.25	9.32		C			1							
30454	9.906	0.024	8.656	0.015		1.066	0.022	T	1.03	0.02	L	8.6866	0.0020	0.017	99		8.66	8.71					1						S	
30455	8.015	0.007	6.938	0.006		0.932	0.007	T	0.93	0.01	L	7.0023	0.0012	0.010	119		6.99	7.02			06240−3642	I 2	1						S	
30456	8.410	0.012	7.976	0.012	A	0.700	0.495	G	0.46	0.03	L *	7.9401	0.0012	0.012	108	*	7.92	7.98		D	06241−5032	I 1	2 C A	AB	307	1.581	0.008	1.92	0.03	S
30457	6.813	0.004	5.349	0.002		1.230	0.000	G	1.18	0.04	E	5.3720	0.0006	0.006	136		5.36	5.38		C			1						S	
30458	8.454	0.012	7.222	0.006		1.052	0.010	T	1.02	0.01	L	7.2677	0.0011	0.009	92		7.25	7.29					1						S	
30459	10.869	0.037	10.909	0.062		0.110	0.020	G	0.12	0.02	H	10.8404	0.0035	0.051	183		10.76	10.92					1							G
30460	7.790	0.011	7.831	0.014		−0.070	0.015	G	−0.05	0.01	H	7.8504	0.0026	0.022	56		7.82	7.88		U 2			1						S	
30461	7.881	0.006	6.783	0.004		0.948	0.006	T	0.94	0.00	L	6.8450	0.0008	0.010	181		6.83	6.86					1						S	
30462	9.533	0.019	9.053	0.019	*	0.452	0.025	T	0.52	0.03	L *	9.2261	0.0025	0.025	179	*	9.18	9.28		D	06242+7355	I 1	2 C A	AB	46	3.787	0.005	0.60	0.02	
30463	5.778	0.003	5.780	0.003		−0.001	0.004	T	0.02	0.00	L	5.7871	0.0006	0.005	98		5.78	5.80		C			1						S	
30464	8.984	0.010	8.981	0.013		−0.015	0.002	G	0.01	0.00	H	9.0174	0.0014	0.016	156		8.99	9.05		C			1							
30465	10.134	0.024	9.207	0.018		0.806	0.023	T	0.83	0.02	L	9.2965	0.0023	0.022	119		9.26	9.33					1							
30466	8.219	0.010	7.079	0.007		0.980	0.010	T	0.96	0.01	L	7.1471	0.0011	0.011	96		7.13	7.16		C			1						S	
30467	7.976	0.009	7.651	0.009		0.327	0.017	G	0.38	0.02	H	7.7010	0.0012	0.010	99		7.68	7.72		C			1						S	
30468	6.014	0.003	6.111	0.003		−0.076	0.002	G	−0.06	0.00	H	6.0988	0.0008	0.007	119		6.09	6.11		C	06243−1258	I 1	1						S	
30469	7.185	0.005	6.969	0.006	A	0.200	0.008	T	0.22	0.01	L	7.0128	0.0124	0.058	132	A	6.94	7.10		D	06244−1613	I 2	1 C P A						S	
30470	10.120	0.023	8.661	0.013		1.230	0.021	T	1.19	0.02	L	8.6775	0.0013	0.013	114		8.65	8.70					1							
30471	8.925	0.014	8.533	0.014	B	0.371	0.019	T	0.43	0.02	L	9.1110	0.0555			B				D	06244−1613	I 2	1 C I A							
30472	9.610	0.017	8.460	0.012		0.988	0.016	T	0.97	0.01	L	8.4968	0.0016	0.014	117		8.48	8.52		C			1							
30473	8.783	0.016	8.798	0.021	A	−0.040	0.015	G	−0.02	0.01	H *	8.7387	0.0024	0.014	52	*	8.72	8.76		D	06244+0519	H 1	2 C A	AB	273	4.094	0.045	2.66	0.11	
30474	9.259	0.018	7.251	0.008		1.664	0.016	T	1.69	0.02	L	7.1455	0.0018	0.014	80		7.12	7.17		U 2			1						S	
30475	10.735	0.044	9.245	0.021		1.254	0.038	T	1.21	0.04	L	9.2645	0.0022	0.015	101		9.24	9.29		C			1							
30476	7.489	0.006	6.749	0.004		0.673	0.004	G	0.70	0.07	F	6.8061	0.0008	0.006	115		6.79	6.82		C			1						S	
30477	10.066	0.024	8.996	0.016		0.927	0.022	T	0.92	0.02	L	9.0243	0.0015	0.014	100		9.00	9.05		C			1							
30478	8.603	0.008	8.041	0.008		0.530	0.008	T	0.60	0.01	L	8.1002	0.0013	0.015	158		8.07	8.13		C			1						S	
30479	10.939	0.054	9.193	0.021		1.453	0.020	G	1.46	0.03	H	9.1610	0.0018	0.018	97		9.13	9.20					1							
30480	7.253	0.005	6.523	0.004		0.660	0.003	G	0.70	0.05	E	6.5853	0.0008	0.007	101		6.57	6.60		C			1						S	
30481	8.679	0.010	8.271	0.010		0.415	0.015	G	0.48	0.02	H	8.3276	0.0016	0.018	130		8.30	8.36		C			1						S	
30482	11.000	0.055	9.005	0.017	*	1.690	0.047	T	2.32	0.09	O *	8.8339	0.0018	0.017	80	*	8.80	8.86		D	06245+4149	H 1	2 C D	AB	139	0.840	0.028	2.97	0.12	D
30483	8.401	0.018	7.115	0.009		1.094	0.016	T	1.06	0.02	L	7.1653	0.0014	0.008	46		7.15	7.18		C			1						S	
30484	8.661	0.014	7.166	0.008		1.258	0.013	T	1.22	0.01	L	7.1981	0.0012	0.008	83		7.18	7.21		C			1						S	
30485	7.843	0.010	7.545	0.011		0.290	0.015	G	0.33	0.02	H	7.5982	0.0024	0.015	56		7.58	7.62					1						S	
30486	8.363	0.008	7.665	0.009		0.629	0.015	G	0.70	0.01	H	7.7205	0.0013	0.010	91		7.70	7.74		C			1						S	
30487	10.200	0.043	10.079	0.058		0.117	0.068	T	0.13	0.07	L	10.0753	0.0035	0.022	67		10.02	10.12					1							G
30488	8.584	0.010	8.113	0.010	A	0.475	0.015	G	0.55	0.02	H *	8.1322	0.0014	0.012	107	*	8.11	8.15			06245+4707	M 1	2 C D	AB	127	1.423	0.035	3.55	0.20	S D
30489	7.224	0.009	7.319	0.012	*	−0.086	0.005	G	−0.07	0.01	H *	7.3075	0.0015	0.009	51	*	7.29	7.32		D	06245+0411	H 1	2 C S A	AB	174	0.148	0.007	0.26	0.36	S
30490	10.181	0.029	8.345	0.012		1.527	0.025	T	1.57	0.05	L	8.3012	0.0018	0.014	88		8.28	8.34					1							
30491	7.859	0.010	7.588	0.009		0.258	0.013	T	0.29	0.02	L	7.6275	0.0012	0.011	89		7.61	7.64		C			1						S	
30492	8.247	0.016	6.976	0.008		1.082	0.014	T	1.04	0.01	L	7.0228	0.0008	0.008	62		7.01	7.04		C			1						S	
30493	6.596	0.007	6.701	0.009	*	−0.098	0.003	G	−0.08	0.00	H *	6.6758	0.0017	0.010	63	*	6.66	6.69		D	06246−0125	I 1	2 C A	AB	271	0.771	0.004	1.65	0.02	S
30494	9.401	0.027	7.865	0.014		1.293	0.025	T	1.25	0.03	L	7.8753	0.0016	0.012	50		7.84	7.90		R			1							
30495	10.386	0.027	8.497	0.011		1.569	0.023	T	1.59	0.02	L	8.4128	0.0018	0.018	119		8.38	8.44					1							
30496	8.551	0.017	8.448	0.020	A	0.126	0.003	G	0.14	0.00	H *	8.4545	0.0020	0.011	47	*	8.44	8.47		C	06246+1942	I 1	2 C C	AB	141	6.243	0.050	4.04	0.28	
30497	8.086	0.011	6.688	0.006		1.190	0.015	G	1.15	0.01	H	6.7270	0.0011	0.006	75		6.71	6.74		C			1						S	
30498	8.758	0.015	8.614	0.017		0.139	0.021	T	0.15	0.02	L	8.6642	0.0024	0.013	74		8.64	8.69		C			1							
30499	8.347	0.016	7.909	0.013		0.427	0.015	G	0.49	0.02	H	7.9708	0.0015	0.010	72		7.95	7.99		C			1						S	
30500	9.018	0.016	8.780	0.018		0.203	0.004	G	0.22	0.01	H	8.8293	0.0026	0.015	58		8.81	8.88					1							

Number		Descriptor: epoch J1991.25					Position: epoch J1991.25			Par.	Proper Motion		Standard Errors					Astrometric Correlations (%)										Soln	
HIP		RA	Dec	V			α (ICRS)	δ		π	$\mu_{\alpha*}$	μ_δ	α*	δ	π	$\mu_{\alpha*}$	μ_δ	δ α*	π α*	π δ	$\mu_{\alpha*}$ α*	$\mu_{\alpha*}$ δ	$\mu_{\alpha*}$ π	μ_δ α*	μ_δ δ	μ_δ π	μ_δ $\mu_{\alpha*}$	F1	F2
		h m s	±° ′ ″	mag			deg	deg		mas	mas/yr	mas/yr	mas	mas	mas	mas/yr	mas/yr											%	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
30501		06 24 43.75	+25 02 55.4	6.35		H	96.182 276 27	+25.048 717 82	+	3.92	1.79	−1.67	0.93	0.77	0.96	0.96	0.66	+8	+35	−2	+2	−5	+18	+1	−30	+5	+19	0	−0.89
30502		06 24 43.76	−43 24 21.2	8.66		H	96.182 320 56	−43.405 876 83		16.11	3.55	83.84	0.64	0.57	0.76	0.63	0.87	−3	−5	+4	+4	−6	+3	−8	−16	−8	−2	0	−0.70
30503		06 24 43.99	−28 46 47.3	6.37		H	96.183 289 56	−28.779 819 14		45.38	−164.83	−120.68	0.43	0.48	0.63	0.54	0.56	+11	+6	−10	−14	−21	+0	−18	−10	+11	+3	2	0.22
30504		06 24 44.33	−41 40 13.8	8.56		H	96.184 723 17	−41.670 491 13		3.06	−1.85	22.65	0.66	0.64	0.81	0.75	0.81	−4	+2	−17	−5	−5	+20	−2	−24	+12	−1	0	0.93
30505		06 24 44.50	−40 17 02.3	6.30		H	96.185 411 47	−40.283 970 42		6.24	−2.61	−3.67	0.43	0.39	0.53	0.45	0.51	−3	+13	−8	+4	−6	+16	−5	−11	−1	+1	2	0.05
30506		06 24 45.79	+06 50 29.7	9.15		H	96.190 808 43	+06.841 571 84		1.71	−4.86	−14.33	1.39	1.04	1.58	1.53	1.13	−33	+34	−32	−26	+16	−19	+10	−30	+1	−31	0	0.18
*30507		06 24 46.60	+43 32 54.7	7.21		H	96.194 185 19	+43.548 528 95		3.91	0.19	−22.39	0.79	0.53	0.85	1.01	0.63	+18	+33	−1	−2	−2	+8	+5	−36	+6	+38	0	−0.72
*30508		06 24 46.58	−36 35 50.9	7.91		H	96.194 084 14	−36.597 485 55		1.37	2.16	8.32	0.56	0.59	0.74	0.60	0.80	−9	+10	−5	−5	+3	+9	+3	−39	+5	−10	0	−0.60
30509		06 24 47.43	−05 30 12.8	7.70		H	96.197 618 08	−05.503 565 52		17.11	−65.77	−37.26	0.76	0.57	0.93	0.83	0.70	−13	+26	−17	−35	+12	−21	+15	−48	+7	+7	0	0.15
30510		06 24 48.09	+30 02 22.4	8.76		H	96.200 364 54	+30.039 561 55		5.36	−21.61	−6.00	1.25	0.86	1.40	1.77	1.03	+18	+34	−27	−9	−45	+24	−18	−55	+22	+62	0	0.91
30511		06 24 48.30	−20 38 52.9	8.42		H	96.201 232 45	−20.648 028 32		4.34	1.43	−17.01	0.52	0.59	0.91	0.56	0.62	−14	+2	−5	+55	−19	+1	−13	+18	+5	−2	0	0.42
30512		06 24 48.73	+38 06 00.6	8.80		H	96.203 024 22	+38.100 174 59		−0.84	−8.80	−10.62	1.03	0.63	1.25	1.32	0.81	+0	+27	−9	+12	−13	−20	−5	−24	+30	−2	0	1.43
30513		06 24 50.20	+04 52 19.5	7.03		H	96.209 174 00	+04.872 084 78		20.58	−38.45	−37.71	0.79	0.61	0.94	0.84	0.68	+7	+32	−25	−5	+12	−21	−1	+1	−28	+31	0	1.90
30514		06 24 51.38	−32 07 22.5	9.43		H	96.214 066 43	−32.122 919 52		11.55	150.56	413.46	0.79	0.76	1.08	0.91	0.93	+2	+24	+3	−9	−2	+8	−5	−1	−9	+9	0	−1.24
30515	H	06 24 51.39	−65 46 29.3	8.61		H	96.214 106 33	−65.774 809 44	A	4.20	−4.81	20.60	1.16	1.14	1.09	1.24	1.31	−16	+26	−16	−17	−9	+10	−4	+5	−2	−15	1	0.30
30516		06 24 51.72	−68 48 11.2	8.97		H	96.215 480 42	−68.803 107 89		10.21	20.39	−9.08	0.80	0.77	0.86	0.80	0.89	+0	+15	+8	−19	+27	−17	+29	−20	−19	+14	0	0.28
*30517		06 24 52.76	+16 03 26.0	6.35		H	96.219 815 47	+16.057 230 53		8.47	23.31	−41.37	0.80	0.57	0.87	0.93	0.72	−4	+34	−10	+6	+13	−8	+9	−14	−19	+18	0	−1.29
*30518		06 24 52.75	+29 42 25.5	6.70		H	96.219 808 20	+29.707 094 12		3.59	−3.93	−15.66	0.84	0.62	1.03	1.24	0.73	+13	+25	−44	+0	−46	+33	−10	−57	+39	+63	0	0.13
30519		06 24 52.81	+61 26 50.2	9.30		H	96.220 027 20	+61.447 279 44		5.19	1.63	−5.07	1.15	0.92	1.39	1.53	1.05	+5	+17	−16	−27	+4	+19	+8	−27	+17	+11	2	1.22
30520		06 24 53.90	+49 17 16.4	4.92	2	H	96.224 591 58	+49.287 899 03		0.85	0.82	−2.48	0.64	0.43	0.81	0.79	0.52	−6	+17	+8	+30	+19	−7	+14	+6	+17	−33	0	0.58
30521		06 24 53.95	−13 13 49.0	8.11		H	96.224 807 92	−13.230 280 53		14.41	123.08	−44.25	0.72	0.65	0.97	0.87	0.81	+6	+28	−17	−26	−15	−6	−10	−36	+16	+24	0	−0.79
30522		06 24 54.28	−46 56 09.4	8.51		H	96.226 147 48	−46.935 957 36		1.64	2.42	−8.85	0.63	0.58	0.73	0.77	0.82	−8	+1	−20	+1	−4	+17	+0	−18	−2	−4	0	−0.39
30523		06 24 55.78	−83 49 50.3	9.33		H	96.232 432 15	−83.830 643 93		9.03	−37.43	111.73	0.80	0.84	0.92	0.94	0.96	−1	+2	−4	+0	−6	+25	−11	−22	+6	−26	0	0.26
30524		06 24 55.81	−63 49 41.4	6.26	1	H	96.232 522 08	−63.828 173 63		4.59	−5.39	12.22	0.46	0.52	0.51	0.50	0.61	−3	+11	−7	+10	−9	+6	−9	+6	+4	−12	0	0.37
30525		06 24 59.41	+28 01 55.5	8.13		G	96.247 533 40	+28.032 082 33		2.31	−2.96	−8.56	1.09	0.69	1.20	1.39	0.89	−10	+42	+1	+2	−1	−5	−2	−43	+10	−25	0	−0.67
30526	H	06 24 59.84	+42 32 46.0	8.23		H	96.249 339 39	+42.546 105 33	B	3.23	4.33	−3.77	2.51	1.80	2.14	2.40	1.53	−20	+12	−25	+3	−15	+33	+6	−36	+45	+57	2	0.67
30527		06 25 00.29	−46 29 51.2	8.98		H	96.251 187 97	−46.497 560 95		4.77	−24.11	33.70	0.77	0.67	0.88	0.89	1.05	−12	+1	−15	+12	−2	+1	−5	−18	−1	−17	0	−0.58
30528		06 25 00.90	+24 18 07.6	7.70		G	96.253 764 28	+24.302 122 76		6.74	20.78	−11.32	1.06	0.68	1.20	1.17	0.75	−17	+48	−29	+7	−30	+27	+0	−58	+20	+24	0	1.46
30529		06 25 00.98	+10 31 03.3	7.78	2	H	96.254 070 16	+10.517 573 56		1.53	−0.08	1.07	2.15	1.72	2.52	2.87	1.96	+21	+13	−39	+6	+19	−25	+8	+0	−23	+42	3	
30530		06 25 01.64	−14 30 13.3	7.56		H	96.256 828 63	−14.503 689 70		3.85	−3.77	−23.77	0.69	0.67	1.21	1.04	0.90	+28	+23	−6	−20	−29	+30	−22	−51	+16	+36	0	0.60
30531		06 25 03.03	−70 59 52.6	9.38		H	96.262 608 94	−70.997 934 47		9.78	−18.14	57.67	0.84	0.85	0.87	1.04	1.07	−5	+13	+4	−27	−3	+5	+2	−13	+10	−30	0	−1.02
30532		06 25 05.72	+16 59 40.9	7.01		H	96.273 820 61	+16.994 700 26		3.38	−5.42	−2.83	0.82	0.53	0.86	0.86	0.64	+8	+47	−7	+10	+3	−7	−2	−7	−12	+23	5	0.41
30533		06 25 05.84	−55 43 31.6	7.54		G	96.274 346 48	−55.725 438 08		11.20	−16.01	69.76	0.55	0.48	0.53	0.60	0.57	+1	+2	−6	+17	−12	+12	−14	+6	−1	−11	0	0.88
30534		06 25 06.96	−15 08 23.2	7.92		H	96.279 014 06	−15.139 785 78		3.56	0.05	−1.76	0.69	0.61	1.05	0.93	0.75	+18	+23	−5	−4	−28	+20	−23	−24	+17	+6	2	−0.42
30535	H	06 25 07.53	−05 51 05.2	8.54		G	96.281 382 26	−05.851 455 43	*	4.17	−10.65	−4.32	5.25	4.12	2.37	2.38	1.98	−51	+30	−15	−40	+22	−25	+24	−52	+18	−24	1	0.04
30536		06 25 07.95	+63 19 23.2	9.41		H	96.283 124 70	+63.323 115 40		2.73	−1.74	−13.68	0.91	0.96	1.35	0.99	1.05	−13	+24	−6	−10	−10	+2	−15	−34	−4	−30	3	0.05
30537		06 25 10.68	−22 34 18.7	8.77		H	96.294 488 68	−22.571 859 47		1.03	2.37	0.57	0.58	0.68	1.06	0.64	0.70	+2	+0	+6	+19	−26	+9	−25	+1	+10	+3	0	−0.10
30538	H	06 25 10.92	−14 24 54.6	8.53		G	96.295 502 54	−14.415 161 91	A	2.79	−6.48	−2.59	1.41	1.37	1.92	1.94	1.62	+18	−11	−16	−8	−31	+33	−23	−39	+28	+42	2	−0.55
30539		06 25 11.99	+51 37 59.9	7.13		H	96.299 955 46	+51.633 295 54		7.93	6.80	−66.85	0.72	0.53	0.88	0.83	0.60	+3	+24	+16	+25	+28	+6	+20	−9	−8	−12	0	2.18
30540		06 25 12.83	+32 16 18.4	6.97		H	96.303 450 56	+32.271 766 26		3.67	−1.94	−1.17	0.87	0.60	0.88	1.19	0.80	−30	+29	+0	−7	+39	−5	+28	−38	−8	−46	0	1.13
30541		06 25 13.00	+07 05 08.6	6.26	3	T	96.304 163 65	+07.085 716 82	*	0.42	2.85	−1.49	1.39	0.89	1.64	1.08	0.82	−44	+66	−54	−28	+11	−6	+5	−27	−3	+0	7	−0.10
30542		06 25 13.12	+11 41 01.5	7.81		H	96.304 679 85	+11.683 742 77		−0.27	−0.96	−0.26	0.91	0.66	1.04	0.87	0.66	−4	+41	−27	−10	−4	−7	−8	−13	−8	+9	0	0.43
30543	H	06 25 14.73	−10 55 54.8	7.63		H	96.311 381 00	−10.931 877 24	A	4.05	5.64	−12.80	1.15	0.91	1.26	1.21	1.03	−22	+26	−15	−43	+3	−16	+8	−46	+29	−6	0	0.57
30544		06 25 16.34	−34 22 42.2	8.81		H	96.318 089 72	−34.378 388 21		20.25	−66.95	−21.89	0.62	0.71	0.91	0.71	0.94	−9	+10	+10	−2	+5	+13	+2	−32	−2	−13	0	0.87
30545		06 25 16.41	−00 56 43.3	5.88		H	96.318 362 14	−00.945 352 65		30.22	238.30	−218.04	0.74	0.58	0.92	0.85	0.66	−8	+43	−36	−10	+14	−40	−5	+4	−12	+17	0	−0.05
30546	H	06 25 17.07	−51 50 22.8	8.80	2	G	96.321 129 93	−51.839 663 78	A	0.88	−5.12	1.01	2.49	2.34	2.36	2.75	2.58	+1	+5	−13	−16	−4	+1	−4	+1	−2	+0	0	1.37
30547	H	06 25 18.49	+01 30 05.5	6.66		G	96.327 026 56	+01.501 524 30	*	2.76	−4.34	−3.55	0.77	0.56	0.87	0.68	0.55	+2	+39	−22	−29	−3	−16	−8	−18	−5	+14	0	1.09
30548		06 25 18.66	+23 42 34.3	7.16		G	96.327 735 81	+23.709 534 53		6.32	−0.38	−20.68	1.03	0.79	1.32	1.38	0.87	−10	+39	−50	+4	−53	+49	−7	−66	+40	+49	2	0.65
30549		06 25 18.85	−49 36 01.3	8.46		H	96.328 541 67	−49.600 363 57		3.37	6.60	20.44	0.64	0.61	0.69	0.77	0.69	−1	+2	−9	−25	−6	+19	−4	−9	+2	−1	1	0.20
30550		06 25 19.01	−60 47 29.1	11.31		H	96.329 226 63	−60.791 407 75	A	16.66	113.02	−246.36	9.81	8.66	8.60	12.66	10.51	−13	+3	−14	+6	−14	+17	−17	−10	+1	−45	6	4.60
30551		06 25 20.11	−26 53 43.1	8.91		G	96.333 779 25	−26.895 303 99		0.38	−0.98	4.24	0.62	0.74	1.05	0.78	0.89	−1	+1	−12	−4	−14	+0	−15	+17	+3	+6	0	0.12
30552		06 25 20.32	+11 14 00.2	7.01		H	96.334 657 18	+11.233 383 36		30.36	−122.71	−55.70	0.79	0.62	0.92	0.92	0.66	+5	+22	−31	−4	+13	−18	+5	−3	−14	+29	3	1.11
30553		06 25 21.87	−09 05 28.1	7.25		H	96.341 125 31	−09.091 126 98		5.18	0.94	−9.07	0.71	0.51	0.98	0.80	0.68	−11	+27	−29	−32	−15	−17	−10	−49	+43	−16	0	−2.62
30554		06 25 24.38	−63 18 51.2	9.10		H	96.351 572 41	−63.314 216 38		4.38	−5.14	48.64	0.80	0.92	0.87	0.88	1.02	−18	+13	+1	+18	−14	+2	−17	−6	−2	−28	0	0.49
30555		06 25 24.85	−62 25 22.1	8.23		G	96.353 547 72	−62.422 812 33		8.06	−10.21	64.34	0.63	0.62	0.67	0.73	0.67	−13	+5	−4	−8	−2	−7	−4	−16	+5	−40	0	0.29
30556		06 25 25.35	−56 12 51.2	8.26		H	96.355 623 10	−56.214 218 43		1.49	−2.90	−13.68	0.64	0.65	0.67	0.74	0.76	+0	+7	−1	+25	−12	−1	−11	+21	+12	−15	1	0.31
30557		06 25 25.74	−31 09 08.0	8.38		H	96.357 251 76	−31.152 220 78		3.43	−2.49	0.40	0.59	0.66	0.88	0.63	0.81	−11	+12	−6	+12	+2	+17	+3	−15	+11	−17	0	0.24
30558		06 25 26.11	−36 17 56.1	10.03		H	96.358 773 66	−36.298 911 39		1.21	−2.18	−0.37	0.88	0.95	1.16	1.00	1.31	−4	+3	−1	+2	+1	+11	−2	−42	+2	−10	0	−1.62
30559		06 25 26.17	+46 32 01.2	7.81		H	96.359 060 55	+46.533 656 78		4.89	−1.57	−1.89	0.76	0.55	0.93	0.93	0.59	+3	+42	−30	+7	−24	+22	+1	−38	+18	+49	0	0.79
30560		06 25 26.89	+21 54 52.4	8.67		H	96.362 043 61	+21.914 566 88		2.26	−4.16	−1.23	1.37	0.78	1.44	1.32	0.83	−36	+58	−32	+22	−13	+8	+11	−37	+13	+8	0	1.51
30561		06 25 27.23	+29 34 16.3	8.82		H	96.363 449 13	+29.571 189 38		14.94	32.07	−40.21	1.39	0.99	1.55	1.86	1.13	+27	+29	−35	−26	−58	+26	−32	−68	+33	+62	0	−0.37
30562		06 25 27.40	−16 23 28.2	8.47		H	96.364 153 70	−16.391 179 84		3.27	−2.13	7.65	0.81	0.76	1.22	1.11	0.90	+19	+4	−21	−19	−26	+28	−21	−40	+22	+9	0	2.29
30563		06 25 27.95	+08 08 26.7	9.48		H	96.366 471 94	+08.140 740 84		0.08	−2.09	−4.13	1.53	1.11	1.64	1.37	1.07	+15	+39	−26	−33	−20	+0	−15	−39	+10	+25	0	−0.68
30564		06 25 28.18	+14 43 19.2	6.30	2	H	96.367 398 43	+14.722 003 46		2.51	−3.06	−4.57	1.09	0.85	0.93	1.47	1.11	+50	+17	−15	−56	−54	+2	−52	−61	−3	+70	4	−0.47
30565		06 25 28.65	−69 41 26.8	5.37		G	96.369 379 34	−69.690 786 72		12.25	−13.25	200.75	0.50	0.44	0.49	0.62	0.56	−8	+8	+5	−22	+9	+7	+7	−18	−22	−26	2	−0.71
30566		06 25 30.01	−35 03 50.5	6.24		G	96.375 021 95	−35.064 041 10		6.44	0.11	−46.15	0.46	0.48	0.62	0.55	0.68	−13	+16	−5	−16	+16	+10	+17	−37	+1	−19	1	−2.79
30567		06 25 30.22	+48 43 43.1	10.74		H	96.375 910 62	+48.728 652 22		17.49	17.06	−399.15	1.75	1.08	2.10	2.20	1.31	−18	+27	−8	+38	+17	−9	+10	+9	+23	−46	0	−0.81
30568		06 25 30.38	+76 14 09.6	9.06		H	96.376 587 07	+76.236 007 79		1.53	4.14	5.26	0.65	0.81	1.01	0.81	1.08	+12	+19	+5	+18	+3	+1	+7	+15	+16	+29	0	0.06
30569	H	06 25 32.59	+23 26 31.8	6.63		H	96.385 783 62	+23.442 167 77	*	2.28	3.94	−10.08	0.99	0.77	1.21	1.24	0.83	+8	+29	−46	−15	−55	+47	−23	−69	+38	+50	0	1.91
30570		06 25 32.94	+23 19 38.0	6.05		H	96.387 259 83	+23.327 209 00		5.64	−5.97	−16.60	0.90	0.73	1.23	1.15	0.75	−16	+38	−58	+5	−55	+54	−2	−68	+48	+51	0	0.34
30571		06 25 33.85	+22 30 59.1	9.53		H	96.391 058 57	+22.516 424 67		1.96	5.26	−17.23	1.81	1.05	1.97	1.83	1.20	−23	+55	−30	+13	−31	+20	−11	−46	+14	+4	0	1.28
30572		06 25 33.88	+50 06 46.8	9.21		H	96.391 175 33	+50.112 999 11		1.80	4.90	−3.45	1.15	0.84	1.35	1.47	1.09	−25	+23	+2	−12	+49	−2	+46	−26	+14	−47	0	1.32
30573		06 25 33.95	+33 14 57.2	8.83		H	96.391 459 21	+33.249 223 10		10.77	−12.13	14.54	1.14	0.85	1.23	1.52	0.96	−29	+9	+9	−8	+16	+25	+16	−42	−12	−20	3	−0.36
30574	H	06 25 34.20	+22 27 28.2	7.15		H	96.392 487 70	+22.457 835 49	A	6.91	8.39	−17.10	1.67	1.08	1.66	1.68	1.07	−11	+55	−39	−4	−37	+31	−9	−52	+18	+20	0	−0.38
30575		06 25 34.76	−02 59 29.2	6.54		H	96.394 841 85	−02.991 446 23		5.23	−15.84	−0.87	0.83	0.69	0.96	0.77	0.66	+6	+35	−38	−41	−14	−15	−19	−20	+0	+7	0	−0.53
30576		06 25 35.33	−14 07 35.4	8.23		G	96.397 192 35	−14.126 513 70		2.08	−6.43	4.18	0.75	0.64	1.00	0.95	0.81	−18	+32	−21	−35	+3	+1	+13	−55	+26	−2	0	−0.19
30577	H	06 25 37.85	−35 02 20.8	7.18		H	96.407 698 18	−35.039 116 51	B	9.85	0.67	−11.05	0.84	0.87	1.07	0.90	1.09	+0	+14	+5	−19	+7	+10	+6	−35	−16	−1	2	0.15
30578		06 25 38.29	+58 25 32.1	7.07		H	96.409 556 86	+58.425 596 35		6.99	12.22	−100.64	0.73	0.54	0.82	0.98	0.58	+9	+15	−15	−8	+16	+14	+17	−7	+19	+13	0	−0.43
30579		06 25 38.44	−31 28 51.3	8.08		G	96.410 160 85	−31.480 924 38		30.69	53.31	−12.01	0.51	0.63	0.81	0.56	0.84	−4	+14	−4	−2	+3	+15	+3	−16	−7	−4	0	1.19
30580		06 25 38.93	−04 49 56.2	7.31		H	96.412 196 09	−04.832 284 22		5.60	−8.26	−5.10	0.81	0.58	0.82	0.82	0.67	+23	+12	+0	−37	−10	−11	−9	−41	−3	+18	0	−0.12
30581		06 25 40.22	−51 08 04.0	8.69		H	96.417 586 24	−51.134 436 92		5.43	−14.41	95.60	0.60	0.61	0.66	0.72	0.75	−3	+4	−9	+5	−10	+10	−10	+5	−12	−13	0	0.34
30582		06 25 40.35	−72 02 34.9	8.26	2	H	96.418 138 65	−72.043 028 45		5.18	−14.83	−8.07	0.58	0.65	0.63	0.65	0.79	−6	+9	+5	−9	−9	+10	−10	−11	−4	−16	0	0.65
30583		06 25 40.48	−29 42 10.7	6.89	2	G	96.418 660 49	−29.702 972 56		2.51	−3.63	−1.78	0.45	0.46	0.68	0.61	0.60	+2	−7	−16	−15	−11	+22	−9	−24	+19	−4	4	−0.07
30584		06 25 40.69	+01 10 43.8	9.36		H	96.419 535 82	+01.178 829 35		7.73	3.94	−24.89	1.31	1.06	1.62	1.31	1.04	−8	+22	−38	−23	+6	−28	−9	−7	−12	+13	0	−1.79
30585		06 25 41.31	+01 09 06.9	9.64		H	96.422 107 02	+01.151 916 58		9.50	48.86	−112.78	1.39	1.13	1.70	1.40	1.11	−7	+23	−35	−22	+6	−28	−7	−6	−11	+13	0	0.83
30586		06 25 42.07	+14 05 33.7	6.85		H	96.425 307 37	+14.092 696 03		1.61	−5.63	−2.51	0.96	0.82	1.22	1.28	0.92	−12	+27	−53	−6	−23	+31	+1	−30	+22	+44	10	−1.49
30587		06 25 42.46	−35 41 50.7	7.88	2	G	96.426 933 47	−35.697 430 47		4.02	−7.12	9.27	0.51	0.54	0.68	0.57	0.77	−5	+10	−1	+7	+6	+11	+8	−36	−2	−5	0	1.04
30588		06 25 42.73	+21 38 42.2	6.53		G	96.428 053 41	+21.645 054 91		9.03	−6.92	−13.06	0.88	0.60	0.96	1.03	0.69	−7	+38	−28	+21	−7	+12	+8	−21	+12	+27	0	1.11
30589		06 25 43.09	+38 03 01.0	7.18		H	96.429 521 93	+38.050 277 71		4.30	4.45	29.95	0.77	0.48	0.94	1.03	0.64	+8	+25	−10	+4	+2	−18	+3	−32	+24	−3	0	0.72
30590	H	06 25 43.21	−55 09 42.3	9.07		H	96.430 026 71	−55.161 760 05	A	5.57	−0.77	−1.15	2.02	1.59	1.42	1.81	1.54	−12	−1	−3	+7	−10	+9	−11	−5	+11	−37	0	−0.49
30591	H	06 25 43.66	−48 10 36.7	5.76		G	96.431 897 75	−48.176 849 03	A	4.83	−3.81	−20.28	0.51	0.50	0.52	0.51	0.58	−12	+10	−9	+7	+1	−11	+3	+3	−4	−1	1	0.48
30592		06 25 45.78	−20 58 23.0	7.07		H	96.440 748 90	−20.973 061 13		4.07	16.97	−2.17	0.40	0.45	0.69	0.44	0.48	−8	−5	+3	+43	−19	−8	−15	+1	+5	+2	0	−0.95
30593	H	06 25 46.33	−40 58 31.7	7.04		H	96.443 045 90	−40.975 481 43	A	5.54	−8.51	−16.87	0.67	0.60	0.72	0.75	0.70	−8	+17	−6	+12	+1	+5	+1	−14	−1	−4	2	1.75
30594		06 25 46.53	+02 16 18.2	6.51		G	96.443 871 00	+02.271 720 12		5.89	−2.08	−17.20	0.70	0.54	0.79	0.78	0.62	−11	+30	−29	−5	−14	−6	−15	−3	+2	−38	0	−0.70
30595		06 25 47.14	−03 53 20.5	6.33		H	96.446 412 62	−03.889 025 23		3.15	−7.84	−2.98	0.88	0.75	0.87	0.87	0.78	+44	+8	−34	−55	−43	−1	−47	−38	+1	+49	0	1.03
30596		06 25 47.79	+65 27 36.1	9.30	2	H	96.449 128 54	+65.460 022 85		7.41	0.60	−8.95	0.69	0.85	1.25	0.85	1.03	+4	+15	−24	−15	−4	+1	−4	−28	+8	−2	0	−0.67
30597		06 25 48.40	+73 26 06.2	7.67	2	H	96.451 678 66	+73.435 066 37		2.61	−6.38	−14.86	0.45	0.58	0.78	0.49	0.64	+14	+2	−2	+8	−3	+17	−2	−7	+10	+16	0	−0.33
30598	H	06 25 48.46	+07 46 26.4	9.36		H	96.451 905 06	+07.773 999 52	A	0.74	−0.42	−2.71	2.71	1.89	2.43	2.31	1.88	+26	+12	−7	−23	−17	−1	−15	−37	−11	+23	0	0.50
30599		06 25 49.96	−38 56 08.1	7.31	1	H	96.458 166 89	−38.935 593 58		0.62	−3.04	10.99	0.52	0.46	0.64	0.60	0.64	−2	+17	−12	+24	−7	+18	−2	−11	+1	+10	0	0.30
30600		06 25 50.54	+05 53 12.3	9.90		H	96.460 571 44	+05.886 751 67		1.11	3.58	−15.95	1.70	1.16	1.73	1.81	1.31	+1	+30	−19	−51	−3	−20	−12	−39	−18	+18	0	−1.11

No.	Tycho Magnitudes					Colour Indices							Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag			Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3		44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
30501	7.890	0.010	6.483	0.005		1.210	0.015	G	1.17	0.01	H		6.5162	0.0010	0.008	90		6.50	6.53					1 O							S
30502	9.479	0.016	8.741	0.013		0.661	0.016	T	0.72	0.01	L		8.7932	0.0017	0.014	120		8.77	8.84		C			1							
30503	7.141	0.004	6.439	0.003		0.626	0.007	G	0.68	0.07	F		6.4992	0.0007	0.008	142		6.49	6.51					1							S
30504	10.050	0.022	8.678	0.013		1.161	0.020	T	1.12	0.02	L		8.7275	0.0017	0.019	123		8.70	8.76					1							
30505	6.239	0.003	6.288	0.004		−0.049	0.001	G	−0.03	0.00	H		6.2931	0.0007	0.007	139		6.28	6.31					1							S
30506	9.473	0.028	9.198	0.031		0.262	0.039	T	0.29	0.05	L		9.2187	0.0031	0.016	43		9.20	9.26		C			1							
30507	7.237	0.006	7.206	0.008		0.027	0.002	G	0.04	0.00	H		7.2283	0.0015	0.011	98		7.21	7.25					1							S
30508	9.900	0.020	8.092	0.009		1.505	0.017	T	1.53	0.03	L		8.0332	0.0012	0.015	127		8.01	8.05					1							
30509	8.259	0.008	7.759	0.008		0.480	0.015	G	0.55	0.02	H		7.8092	0.0015	0.014	145		7.79	7.84		C			1							S
30510	9.200	0.015	8.809	0.016		0.382	0.019	T	0.45	0.02	L		8.8521	0.0022	0.018	84		8.83	8.88		C			1							
30511	8.650	0.008	8.434	0.009		0.200	0.012	T	0.22	0.01	L		8.4851	0.0011	0.015	185		8.46	8.51		C			1							
30512	10.446	0.035	8.952	0.017		1.257	0.031	T	1.22	0.03	L		8.9591	0.0018	0.015	98		8.93	8.99		C			1							
30513	7.623	0.014	7.095	0.011		0.508	0.001	G	0.58	0.00	H		7.1450	0.0012	0.008	52		7.13	7.17		D			1							S
30514	10.135	0.025	9.483	0.021		0.570	0.022	G	0.64	0.02	H		9.5537	0.0022	0.019	113		9.52	9.58					1							
30515	10.166	0.028	8.789	0.016	A	1.200	0.495	G	1.12	0.05	L	*	8.7755	0.0017	0.013	96	*	8.75	8.80		D	06249−6546	I 1	2 C A	AB	15	1.791	0.028	3.12	0.09	
30516	9.741	0.023	9.011	0.019		0.655	0.023	T	0.72	0.02	L		9.1058	0.0021	0.020	91		9.08	9.14		C			1							
30517	7.689	0.011	6.459	0.007		1.063	0.012	G	0.94	0.04	E		6.5095	0.0009	0.005	52		6.50	6.52		C			1							S
30518	6.631	0.005	6.696	0.007		−0.055	0.008	T	−0.03	0.01	L		6.6926	0.0009	0.007	80		6.68	6.70		C			1							S
30519	11.285	0.083	9.475	0.028		1.507	0.069	T	1.54	0.10	L		9.4200	0.0022	0.017	83		9.37	9.45					1							
30520	7.484	0.022	5.174	0.016		1.905	0.022	T	1.94	0.02	L		5.0056	0.0168	0.138	95		4.85	5.29		U 2 C			1							S
30521	8.864	0.011	8.188	0.010		0.614	0.011	T	0.68	0.01	L		8.2426	0.0013	0.014	115		8.22	8.27					1							S Y
30522	10.042	0.024	8.655	0.014		1.173	0.022	T	1.13	0.02	L		8.6715	0.0014	0.014	106		8.65	8.69					1							
30523	10.221	0.029	9.401	0.023		0.740	0.028	T	0.79	0.02	L		9.4762	0.0021	0.019	112		9.44	9.52		C			1							
30524	6.098	0.003	6.236	0.004		−0.119	0.004	T	−0.10	0.01	L		6.2239	0.0018	0.015	108		6.20	6.26		U 2			1							S
30525	8.119	0.011	8.114	0.013		−0.010	0.020	G	0.01	0.02	H		8.1498	0.0009	0.009	67		8.13	8.17					1							
30526	8.568	0.011	8.341	0.013	*	0.217	0.016	T	0.24	0.02	L	*	8.2955	0.0016	0.013	97	*	8.27	8.32		D	06250+4233	I 1	2 C B	BA	262	0.873	0.002	0.02	0.01	S
30527	9.851	0.020	9.065	0.016		0.698	0.019	T	0.75	0.02	L		9.1176	0.0020	0.017	104		9.09	9.15		C	06250−4630	I 1	1							
30528	8.391	0.010	7.785	0.010		0.571	0.015	G	0.64	0.01	H		7.8294	0.0011	0.009	92		7.81	7.85		C			1							S
30529	8.061	0.016	7.817	0.016		0.216	0.015	G	0.24	0.02	H		7.8442	0.0074	0.029	44		7.79	7.89		U 2	06250+1031	I 1	1 X S							S
30530	9.212	0.014	7.696	0.008		1.274	0.013	T	1.23	0.01	L		7.7224	0.0013	0.010	115		7.71	7.74					1							
30531	9.981	0.025	9.390	0.023		0.552	0.025	T	0.62	0.02	L		9.5036	0.0016	0.019	90		9.47	9.53		D			1							
30532	6.926	0.007	7.013	0.008		−0.050	0.015	G	−0.03	0.01	H		7.0004	0.0009	0.007	61		6.99	7.02					1							S
30533	7.976	0.008	7.574	0.008		0.406	0.003	G	0.47	0.00	H		7.6326	0.0009	0.008	115		7.62	7.65		C			1							S
30534	8.065	0.007	7.928	0.009		0.132	0.011	T	0.15	0.01	L		7.9664	0.0016	0.017	134		7.94	8.00					1							S
30535	8.665	0.008	8.554	0.010	*	0.090	0.003	G	0.10	0.00	H	*	8.5756	0.0016	0.019	159	*	8.54	8.61		D	06251−0551	H 1	2 C B	AB	133	0.298	0.065	2.76	0.48	
30536	10.762	0.042	9.517	0.025		1.062	0.038	T	1.03	0.03	L		9.5792	0.0027	0.029	137		9.52	9.62					1 S							
30537	10.234	0.023	8.894	0.013		1.136	0.021	T	1.10	0.02	L		8.9341	0.0016	0.021	177		8.89	8.97					1							
30538	8.498	0.009	8.532	0.012	*	−0.014	0.015	G	0.01	0.01	H	*	8.5244	0.0022	0.021	112	*	8.49	8.56		D	06252−1425	I 1	2 C A	AB	22	0.563	0.005	1.58	0.03	
30539	8.416	0.014	7.251	0.007		1.000	0.012	T	0.98	0.01	L		7.2957	0.0006	0.010	89		7.28	7.31		D			1							S
30540	8.670	0.013	7.094	0.007		1.322	0.012	T	1.28	0.01	L		7.1233	0.0011	0.007	72		7.11	7.14		C			1							S
30541	8.031	0.099	6.412	0.067		0.850	0.020	G	0.92	0.02	A		6.2889	0.1103	0.426	45		5.83	6.74	27.03	P 1 A			1 V							S
30542	8.125	0.012	7.850	0.014		0.296	0.009	G	0.34	0.01	H		7.8894	0.0018	0.011	59		7.87	7.91		C			1							S
30543	8.647	0.013	7.636	0.014	*	0.882	0.014	T	0.89	0.01	L	*	7.7840	0.0012	0.013	144	*	7.76	7.81		D	06252−1056	I 1	2 C A	AB	117	1.725	0.005	1.73	0.02	
30544	9.714	0.017	8.904	0.014		0.716	0.017	T	0.77	0.01	L		8.9502	0.0019	0.020	136		8.92	8.99					1							
30545	6.544	0.008	5.938	0.007		0.564	0.009	G	0.63	0.01	A		5.9959	0.0007	0.004	52		5.99	6.00		C			1							S
30546	10.283	0.033	8.759	0.016	*	1.281	0.029	T	1.24	0.03	L	*	8.1718	0.0053	0.069	100	*	8.07	8.30		U 2	06253−5150	I 1	2 C C	AB	179	1.068	0.008	1.12	0.06	
30547	6.628	0.006	6.659	0.006	*	−0.032	0.008	G	−0.01	0.01	H	*	6.6618	0.0012	0.007	59	*	6.65	6.68		D	06253+0130	I 1	2 C S A	AS	168	0.176	0.004	0.81	0.16	S
30548	7.485	0.009	7.202	0.007		0.288	0.015	G	0.33	0.02	H		7.2357	0.0014	0.010	80		7.22	7.25		C			1							S
30549	8.641	0.011	8.494	0.013		0.134	0.016	T	0.15	0.02	L		8.5144	0.0013	0.012	106		8.49	8.54		C			1							S
30550											T		11.4527	0.0631	0.045	87	A	11.38	11.53			06253−6048	H 1	2 C D	AB	234	13.637	0.060	1.10	0.23	G D
30551	8.721	0.010	8.881	0.014		−0.141	0.003	G	−0.14	0.00	H		8.8771	0.0016	0.020	164		8.85	8.92					1							
30552	7.691	0.013	7.079	0.010		0.593	0.015	G	0.66	0.01	H		7.1411	0.0014	0.008	54		7.13	7.16					1							S
30553	8.545	0.008	7.360	0.005		1.015	0.007	T	0.99	0.01	L		7.4197	0.0010	0.012	190		7.40	7.44					1							S
30554	10.306	0.028	9.225	0.018		0.935	0.025	T	0.93	0.02	L		9.2635	0.0027	0.016	93		9.23	9.29		C			1							
30555	8.662	0.012	8.261	0.012		0.385	0.001	G	0.45	0.00	H		8.3180	0.0015	0.015	106		8.30	8.34					1							S
30556	10.165	0.024	8.414	0.011		1.460	0.021	T	1.47	0.03	L		8.3968	0.0015	0.017	119		8.37	8.43		C			1							
30557	9.788	0.016	8.479	0.009		1.112	0.014	T	1.07	0.01	L		8.5482	0.0015	0.018	160		8.52	8.58					1							
30558	12.080	0.122	10.234	0.038		1.610	0.015	G	1.58	0.01	J		10.1332	0.0027	0.029	130		10.09	10.18					1							G
30559	7.857	0.009	7.819	0.011		0.040	0.013	T	0.06	0.01	L		7.8280	0.0011	0.010	82		7.81	7.85		C			1							
30560	8.641	0.018	8.677	0.024		−0.028	0.027	T	−0.01	0.03	L		8.6727	0.0014	0.012	54		8.65	8.69					1							
30561	9.698	0.026	8.894	0.021		0.680	0.015	G	0.74	0.01	H		8.9586	0.0020	0.014	73		8.94	8.99		C			1							
30562	10.256	0.025	8.618	0.012		1.371	0.022	T	1.34	0.03	L		8.6183	0.0019	0.021	133		8.59	8.66					1							
30563	9.430	0.029	9.531	0.044		−0.087	0.047	T	−0.07	0.06	L		9.4521	0.0030	0.020	55		9.42	9.50		C			1							G
30564	9.535	0.024	6.578	0.006		2.349	0.018	T	2.40	0.02	L		6.3267	0.0127	0.082	52		6.15	6.44		U 2 C			1 S							S
30565	6.610	0.003	5.486	0.003		0.971	0.001	G	0.99	0.04	E		5.5411	0.0006	0.005	105		5.53	5.55		C			1							S
30566	8.015	0.008	6.405	0.005		1.353	0.013	G	1.25	0.04	E		6.4078	0.0007	0.007	120		6.39	6.42		D	06255−3503	I 2	1 S							S
30567	11.873	0.112	10.856	0.073		1.062	0.030	G	1.12	0.04	I		10.8798	0.0035	0.034	113		10.80	10.94					1							G
30568	9.108	0.011	9.068	0.014		0.042	0.016	T	0.06	0.01	L		9.0751	0.0016	0.018	153		9.04	9.11					1							
30569	8.075	0.010	6.767	0.007	*	1.111	0.009	T	1.07	0.01	L	*	6.8000	0.0008	0.007	76	*	6.79	6.81		D	06255+2327	M 1	2 C S A	AB	162	0.127	0.005	0.54	0.31	S
30570	6.079	0.004	6.057	0.004		0.020	0.005	T	0.04	0.01	L		6.0650	0.0007	0.004	77		6.06	6.07					1							S
30571	10.153	0.045	9.624	0.044		0.496	0.057	T	0.57	0.06	L		9.6331	0.0034	0.018	62		9.61	9.67					1							G
30572	9.591	0.024	9.242	0.025		0.349	0.015	G	0.41	0.02	H		9.2923	0.0019	0.015	88		9.26	9.33					1							
30573	9.368	0.018	8.863	0.018		0.475	0.023	T	0.55	0.02	L		8.9357	0.0022	0.011	61		8.91	8.95		C			1							
30574	7.439	0.008	7.202	0.008	*	0.226	0.010	T	0.25	0.01	L	*	7.2239	0.0019	0.010	66	*	7.21	7.24		D	06256+2227	I 1	2 C A	AB	250	0.597	0.009	1.85	0.03	S
30575	6.678	0.006	6.565	0.007		0.110	0.009	T	0.12	0.01	L		6.5868	0.0009	0.007	48		6.57	6.61		C			1							S
30576	8.136	0.009	8.197	0.012		−0.069	0.015	G	−0.05	0.01	H		8.2060	0.0014	0.011	107		8.19	8.23		C			1							
30577	7.389	0.011	7.101	0.012	*	0.273	0.017	T	0.31	0.02	L	*	7.2563	0.0009	0.008	118	*	7.24	7.27		D	06255−3503	I 2	2 C A	BC	311	3.895	0.003	0.88	0.02	S
30578	7.721	0.012	7.120	0.008		0.560	0.013	T	0.63	0.01	L		7.1869	0.0011	0.009	76		7.17	7.21		C			1							S
30579	8.992	0.011	8.149	0.008		0.719	0.015	G	0.77	0.01	H		8.2187	0.0013	0.017	144		8.19	8.25					1							
30580	7.222	0.006	7.306	0.009		−0.072	0.004	G	−0.05	0.00	H		7.2962	0.0008	0.009	87		7.28	7.31		C			1							S
30581	9.250	0.017	8.707	0.016		0.516	0.017	T	0.59	0.02	L		8.8034	0.0016	0.015	105		8.78	8.83					1							
30582	9.714	0.018	8.382	0.011		1.135	0.020	G	1.10	0.02	H		8.4272	0.0029	0.027	111		8.40	8.48		U 2			1							
30583	6.863	0.004	6.885	0.004		−0.022	0.002	G	0.00	0.00	H		6.8910	0.0011	0.013	143		6.87	6.96		U 2 C			1							S
30584	10.103	0.034	9.468	0.031		0.650	0.020	G	0.71	0.02	H		9.4952	0.0032	0.026	63		9.46	9.53					1							G
30585	10.402	0.039	9.622	0.032		0.693	0.038	T	0.75	0.03	L		9.7782	0.0030	0.024	63		9.75	9.82		C			1							G
30586	7.620	0.010	6.946	0.011		0.613	0.011	T	0.68	0.01	L		6.9806	0.0016	0.008	54		6.96	7.00					1							S
30587	7.837	0.007	7.876	0.009		−0.049	0.008	G	−0.03	0.01	H		7.8684	0.0042	0.026	115		7.83	7.90	1.10	P 1 A			1							S
30588	7.719	0.013	6.620	0.008		0.930	0.015	G	0.92	0.01	H		6.6890	0.0015	0.006	47		6.68	6.70		C			1							S
30589	8.380	0.010	7.291	0.006		0.941	0.009	T	0.93	0.01	L		7.3420	0.0008	0.010	103		7.32	7.36		D			1							S
30590	9.790	0.022	9.194	0.020	*	0.556	0.022	T	0.63	0.02	L	*	9.1903	0.0020	0.017	111	*	9.16	9.25		D	06257−5510	I 1	2 C A	AB	111	0.478	0.003	0.34	0.02	
30591	5.697	0.004	5.771	0.004	A	−0.061	0.001	G	−0.05	0.02	A	*	5.7478	0.0007	0.005	118	*	5.74	5.76		D	06257−4811	I 1	2 C A	AB	125	1.064	0.004	2.20	0.02	S
30592	8.363	0.007	7.177	0.005		1.016	0.007	T	0.99	0.01	L		7.2379	0.0008	0.008	179		7.22	7.25					1							S
30593	7.280	0.006	7.045	0.007	*	0.219	0.009	T	0.24	0.01	L	*	7.1108	0.0007	0.008	113	*	7.10	7.13		D	06258−4059	I 1	2 C A	AB	227	8.541	0.004	1.82	0.02	S
30594	6.483	0.006	6.500	0.008		−0.027	0.001	G	−0.01	0.00	H		6.5133	0.0010	0.005	58		6.51	6.52		C			1							S
30595	7.633	0.009	6.435	0.005		1.018	0.003	G	0.95	0.04	E		6.4964	0.0012	0.006	59		6.49	6.50		C			1							S
30596	9.625	0.015	9.339	0.017		0.272	0.021	T	0.31	0.03	L		9.3737	0.0031	0.032	168		9.32	9.43		U			1							
30597	9.895	0.015	7.882	0.006		1.668	0.013	T	1.69	0.01	L		7.7776	0.0019	0.020	189		7.75	7.82		U 2			1							S
30598	9.566	0.031	9.493	0.042	*	0.072	0.048	T	0.08	0.05	L	*	9.3919	0.0035	0.020	47	*	9.37	9.43		R	06258+0746	I 1	2 C A	AB	26	0.865	0.008	1.11	0.04	G
30599	9.575	0.018	7.494	0.007		1.722	0.015	T	1.75	0.01	L		7.4095	0.0017	0.017	116		7.39	7.44		U			1							S
30600	10.310	0.051	9.869	0.051		0.416	0.066	T	0.48	0.07	L		10.0009	0.0031	0.017	55		9.97	10.05					1							G

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α deg (ICRS) (8)	δ deg (9)	(10)	π mas (11)	μα* mas/yr (12)	μδ mas/yr (13)	σα* mas (14)	σδ mas (15)	σπ mas (16)	σμα* mas/yr (17)	σμδ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	F1 % (29)	F2 (30)
30601		06 25 51.39	+00 48 45.9	6.60		H	96.464 142 45	+00.812 739 92		6.41	−12.42	1.57	0.74	0.60	0.89	0.77	0.62	−3	+22	−31	−14	+17	−28	+6	−3	−16	+24	0	0.48
30602		06 25 52.33	+11 07 33.3	6.39		H	96.468 041 72	+11.125 907 79		7.18	−7.71	−9.57	0.79	0.60	0.89	0.97	0.67	+9	+24	−32	+8	+19	−12	+15	+4	−11	+50	0	−0.49
30603		06 25 55.01	+63 38 24.7	8.42		H	96.479 192 57	+63.640 205 67		1.69	−10.74	−14.09	0.66	0.66	1.03	0.78	0.73	+6	+9	+0	−9	−18	+8	−21	−24	+1	−26	1	1.73
30604		06 25 57.56	−35 20 14.4	7.06		H	96.489 812 58	−35.337 346 82		4.42	11.07	1.88	0.53	0.53	0.67	0.63	0.77	−19	+10	−4	−22	+19	+11	+22	−44	+5	−19	0	−1.42
30605		06 25 58.15	+58 36 11.6	6.87		G	96.492 303 27	+58.603 231 04		16.87	−36.55	22.30	0.66	0.51	0.80	0.84	0.58	+13	+20	−22	−1	+6	+5	+11	−8	+25	+19	0	1.37
30606		06 25 58.20	+04 25 17.3	7.89		G	96.492 519 71	+04.421 481 42		3.15	−5.02	−6.03	0.96	0.67	1.15	0.84	0.68	−28	+60	−39	−19	+12	−23	−4	−11	−14	+8	0	3.23
30607		06 25 58.58	−06 12 18.4	8.37		H	96.494 070 16	−06.205 109 04		2.70	−0.39	−4.16	0.79	0.60	1.07	1.02	0.79	−29	+36	−6	−48	+16	−23	+25	−61	+22	−18	0	0.52
30608		06 25 58.83	−07 53 41.9	6.40		G	96.495 118 60	−07.894 974 56		5.86	−0.36	−3.51	0.56	0.40	0.74	0.65	0.51	−1	+29	−7	−29	−6	−26	−4	−50	+19	−7	0	−1.19
30609		06 25 58.89	+30 29 39.8	10.80		H	96.495 371 78	+30.494 376 21		2.85	−0.90	−17.70	1.89	1.32	2.26	2.62	1.60	+0	+29	−30	+3	−29	+27	−3	−45	+33	+41	0	1.22
*30610		06 25 58.99	+53 44 51.8	9.57		H	96.495 780 29	+53.747 712 87		10.15	−68.58	−11.23	1.33	0.98	1.59	1.54	1.22	−15	+24	−9	+0	+37	+3	+39	−18	+21	−30	0	2.07
*30611		06 25 58.97	−01 48 48.7	8.36		G	96.495 718 74	−01.813 529 74		3.74	−12.16	−8.58	0.99	0.90	1.27	0.91	0.83	−6	+35	−46	−19	−21	−9	−23	−11	+11	+2	0	−0.71
30612		06 25 59.85	+17 11 44.9	8.79		H	96.499 371 66	+17.195 816 04		3.07	−8.03	−7.47	1.20	0.77	1.31	1.19	0.87	−3	+53	−21	+1	−3	−10	−1	−14	+2	+24	0	1.71
30613		06 26 01.07	+15 08 59.6	7.14		H	96.504 439 30	+15.149 888 00		5.22	0.63	−7.30	1.14	0.87	1.16	1.32	0.98	+24	+34	−37	−48	−44	+13	−31	−64	+19	+56	3	1.11
30614		06 26 01.34	−74 14 27.4	9.02		H	96.505 589 70	−74.240 950 02		3.11	−6.39	33.19	0.71	0.74	0.76	0.70	0.86	+0	+8	+4	−11	−15	+12	−17	+7	−8	−12	1	−1.11
30615		06 26 02.60	−44 37 33.7	9.36		H	96.510 847 98	−44.626 036 92		0.74	5.07	2.01	0.74	0.73	0.86	0.77	1.08	−14	+4	−1	−28	+8	−12	+8	−20	−6	−17	1	−0.04
*30616		06 26 02.85	+70 05 30.5	9.62		H	96.511 860 76	+70.091 802 36		2.27	6.72	1.90	0.57	0.93	1.39	0.60	1.11	+11	+13	+5	+19	+9	+1	+11	+18	+6	+14	2	0.05
*30617		06 26 02.76	+60 47 36.9	8.23		H	96.511 517 79	+60.793 595 58		6.61	3.57	−28.92	0.93	0.68	1.05	1.23	0.78	+3	+20	−14	+14	+19	+17	+22	−1	+22	+13	0	−1.80
30618		06 26 04.92	+27 59 56.5	10.22	2	H	96.520 511 79	+27.999 031 34		6.18	15.21	−12.72	1.81	1.13	2.05	2.22	1.38	−20	+46	−23	+0	−8	+9	+4	−53	+21	−12	0	0.79
30619		06 26 05.34	+62 41 24.3	7.36		H	96.522 264 77	+62.690 074 24		2.30	2.98	−3.71	0.73	0.60	0.90	0.82	0.63	−4	+27	−8	+18	+17	+4	+17	−14	+4	+3	0	0.09
30620		06 26 05.74	+13 37 22.2	7.89	1	H	96.523 915 64	+13.622 832 05		0.50	2.05	0.08	1.07	0.93	1.24	1.51	1.19	−7	+17	−49	−24	−24	+15	−20	−25	−4	−1	3	−0.29
30621		06 26 06.35	−09 23 50.6	9.04	1	H	96.526 467 93	−09.397 401 92		−0.06	−5.37	1.54	0.95	0.75	1.40	1.11	0.96	−25	+43	−45	−39	−6	+0	+17	−69	+51	−2	0	−1.54
30622		06 26 06.91	+25 30 40.4	8.59		G	96.528 780 82	+25.511 230 97		−0.37	−7.41	−2.82	1.11	0.70	1.22	1.34	0.88	−4	+35	−11	+4	−20	+4	−17	−48	+19	−13	0	1.36
30623		06 26 08.84	+55 52 21.6	8.09		H	96.536 846 10	+55.872 674 46		4.88	0.61	−21.85	0.91	0.70	1.11	1.05	0.79	+17	+27	−14	+3	+7	−9	+9	−29	+11	+24	0	0.37
30624		06 26 08.90	−64 33 11.1	8.74		G	96.537 084 59	−64.553 080 95		7.31	−33.50	−5.54	0.67	0.76	0.73	0.77	0.91	−6	+18	−8	−2	+5	−16	+5	+1	+5	−7	3	0.11
30625		06 26 09.36	−15 07 12.4	8.91	2	H	96.539 012 55	−15.120 123 40		0.73	−0.88	1.84	0.77	0.69	1.17	1.02	0.89	+20	+20	−2	−18	−23	+14	−21	−35	+13	+8	0	0.35
30626		06 26 09.50	−41 38 12.8	7.96		G	96.539 599 06	−41.636 898 98		3.34	−10.51	−0.21	0.54	0.48	0.65	0.61	0.64	−1	−4	−15	−14	−8	+17	−6	−22	+6	+4	0	0.43
30627		06 26 09.60	−03 30 57.1	6.42		H	96.540 019 92	−03.515 849 22		6.08	−92.14	65.10	1.80	1.46	2.02	1.85	1.72	+4	+31	−19	−35	−9	−16	−19	−20	−18	+21	0	
30628		06 26 10.15	+44 43 57.2	8.20		H	96.542 310 64	+44.732 565 71		0.35	−1.23	−0.63	0.94	0.65	1.13	1.29	0.81	−2	+26	−29	+11	−10	+19	+12	−37	+31	+36	0	−0.18
30629		06 26 10.21	+55 42 13.3	7.84		H	96.542 521 49	+55.703 693 93		3.68	14.75	11.35	0.87	0.64	1.07	0.92	0.72	+16	+37	−9	+11	+16	−11	+17	−21	+11	+16	0	0.38
30630		06 26 10.32	+18 45 26.3	6.78	1	H	96.543 012 06	+18.757 303 14		68.20	−119.32	−164.06	1.01	0.60	1.10	1.06	0.76	+4	+57	−16	+7	+6	−12	+12	+0	+16	+12	4	1.71
30631		06 26 11.51	+08 40 02.0	10.08		H	96.547 976 62	+08.667 231 15		0.99	1.41	−0.58	1.82	1.29	2.03	1.70	1.33	+2	+46	−28	−12	−25	−8	−25	−20	+3	+6	0	−1.23
*30632		06 26 13.20	+78 47 43.5	8.10		H	96.554 985 40	+78.795 426 53		4.30	−21.02	−18.85	0.60	0.58	0.77	0.67	0.65	+21	+32	+5	+11	−5	+1	−6	−10	−9	+30	0	−0.42
*30633		06 26 13.18	−07 21 41.2	7.38	1	G	96.554 897 82	−07.361 440 12		3.02	−4.22	−1.93	0.71	0.54	0.80	0.86	0.70	−34	+13	+3	−56	+33	−8	+32	−69	+6	−41	0	0.58
30634		06 26 18.03	−10 02 28.7	8.00		H	96.575 110 43	−10.041 299 33		5.33	1.33	−3.03	0.91	0.62	1.10	1.05	0.78	−15	+25	−19	−48	−1	−13	+6	−46	+35	−29	0	0.67
30635		06 26 19.49	+72 34 52.2	9.20		H	96.581 206 19	+72.581 159 90		4.04	−3.70	1.08	0.57	0.76	1.06	0.66	0.82	+4	+3	−6	+13	+4	+23	+6	−11	+6	+7	0	0.67
30636		06 26 19.59	−03 35 05.6	8.76		H	96.581 631 61	−03.584 893 95		−0.54	−0.14	1.97	1.08	0.94	1.26	1.05	0.94	+18	+27	−36	−49	−20	−21	−33	−27	−11	+32	0	−0.35
30637		06 26 20.03	+60 03 41.8	9.17		H	96.583 459 21	+60.061 611 37		1.91	1.21	−12.06	1.07	0.93	1.33	1.35	1.08	+3	+17	−14	+20	+20	−12	+19	+13	+20	−4	0	−1.00
30638		06 26 20.23	+02 19 04.0	7.40		H	96.584 289 26	+02.317 788 01		0.71	−1.02	−1.76	0.83	0.64	0.93	0.83	0.68	−13	+29	−28	−25	+3	+3	+2	−22	−6	−28	0	−0.15
30639		06 26 20.38	+29 37 50.4	8.92		H	96.584 936 52	+29.630 672 55		1.10	0.30	−4.74	1.39	1.04	1.46	2.00	1.19	+42	+16	−38	−38	−66	+35	−44	−73	+36	+72	0	−0.02
30640		06 26 21.60	+41 57 34.3	7.07		H	96.590 015 52	+41.959 523 45		2.33	−3.18	−3.96	0.78	0.58	0.92	1.03	0.66	+26	+27	−20	−21	−37	+22	−20	−58	+21	+52	2	−0.33
30641		06 26 22.69	+46 48 19.4	8.16		G	96.594 547 52	+46.805 395 38		2.97	0.07	−3.45	0.85	0.62	1.02	1.07	0.67	−8	+41	−34	+14	−19	+24	+7	−34	+20	+42	0	1.49
30642		06 26 22.94	−13 43 11.5	8.45		H	96.595 576 99	−13.719 862 90		1.97	−0.29	−2.00	0.79	0.70	1.10	0.93	0.87	−16	+32	−21	−22	−9	−4	+2	−34	+29	+3	0	−0.66
30643		06 26 23.13	+40 21 30.2	8.02	1	H	96.596 357 86	+40.358 395 82		2.31	−5.76	−10.66	0.83	0.58	1.03	1.10	0.72	−7	+24	−21	+4	+15	+12	+23	−35	+19	+8	0	−1.18
30644		06 26 23.20	+26 08 17.3	8.59		H	96.596 679 76	+26.138 147 98		−1.22	−4.49	−9.20	1.30	0.89	1.61	1.50	1.08	−26	+50	−48	+0	−21	+21	+11	−59	+42	+4	0	2.00
30645		06 26 23.53	−20 10 28.1	7.51	1	H	96.598 032 10	−20.174 461 20		0.52	2.53	12.90	0.50	0.52	0.85	0.52	0.55	−14	−2	+0	+55	−30	−2	−22	+18	−5	+5	0	1.30
30646		06 26 24.40	+64 12 26.5	9.32		H	96.601 673 86	+64.207 371 67		3.97	2.09	−31.85	0.75	0.80	1.24	0.93	0.97	+13	+11	+4	+3	−14	+0	−21	−18	+6	−29	1	1.73
30647		06 26 24.90	+20 03 19.1	9.19		G	96.603 732 71	+20.055 296 33		2.97	−1.27	−4.51	1.42	0.97	1.42	1.52	1.08	+27	+43	+7	+13	+5	+6	+8	−15	+3	+41	0	−1.18
30648		06 26 24.93	+22 44 17.7	8.68		H	96.603 885 25	+22.738 242 46		4.02	−14.63	−13.16	1.44	0.92	1.61	1.47	1.01	−12	+54	−29	+6	−26	+23	−6	−39	+9	+29	0	1.18
30649	H	06 26 24.99	−39 41 07.3	8.72		H	96.604 132 19	−39.685 356 04	A	8.32	41.13	58.33	1.89	1.93	2.04	1.73	2.49	−3	+8	+8	+11	+7	+11	+13	−9	−22	−3	1	0.08
30650		06 26 25.16	−00 46 36.3	6.79		H	96.604 832 25	−00.776 740 87		3.33	7.83	0.35	0.83	0.67	1.08	0.95	0.72	−14	+43	−45	−10	+16	−43	−10	+9	−13	+4	0	−0.36
30651		06 26 25.86	+56 17 06.2	5.53	2	H	96.607 765 25	+56.285 043 70	*	12.01	−25.21	21.57	0.86	0.59	0.97	0.88	0.60	−5	+45	−23	+17	+25	−7	+19	−3	−6	+16	0	−0.87
30652		06 26 26.70	+07 07 45.6	10.80		G	96.611 255 84	+07.129 332 85		2.52	2.28	−0.12	2.49	1.94	2.55	2.22	1.82	−51	+31	−28	−47	+37	−17	+29	−44	−16	−22	0	1.96
30653		06 26 27.07	+48 56 26.9	8.63		H	96.612 778 19	+48.940 803 51		3.16	−9.90	−6.16	1.00	0.65	1.23	1.15	0.78	−6	+27	−2	+30	+28	−8	+27	+17	+20	−32	0	−0.11
30654		06 26 27.49	+43 54 22.1	9.38		H	96.614 552 94	+43.906 142 46		3.39	−2.81	−0.92	1.19	0.82	1.29	1.64	1.06	−9	+29	−10	−28	+19	+1	+22	−49	+6	+14	2	1.53
30655		06 26 27.78	−19 19 29.9	7.12		H	96.615 742 51	−19.324 962 46		4.16	11.00	−12.02	0.63	0.65	0.87	0.73	0.75	+28	−12	−14	−30	−35	+23	−38	−49	+17	+14	3	1.14
30656		06 26 29.51	−09 19 58.0	8.61		H	96.622 947 84	−09.332 770 93		6.21	−45.21	59.07	0.88	0.68	1.17	1.03	0.85	−9	+31	−27	−28	−12	−8	−2	−45	+38	−15	0	0.13
30657		06 26 32.85	−26 06 14.4	7.69	2	H	96.636 863 10	−26.104 000 10		0.68	2.26	−5.97	0.51	0.59	0.90	0.62	0.70	+8	+17	+3	+6	−12	+8	−11	+0	+4	+12	1	−1.16
30658		06 26 33.62	−33 49 30.5	8.87		H	96.640 067 48	−33.825 125 75		2.95	−11.50	4.33	0.64	0.62	0.87	0.74	0.80	−8	+6	+8	−9	+4	+19	+2	−17	−10	−11	0	−1.59
30659		06 26 33.89	−18 13 58.6	8.70		H	96.641 203 26	−18.232 931 93		4.06	8.22	−4.81	0.71	0.76	1.08	0.88	0.98	+2	+11	−15	−12	−14	−18	−18	−18	+10	−14	1	0.88
30660		06 26 34.45	−04 35 50.6	6.16		H	96.643 527 25	−04.597 393 32		2.69	−3.72	−2.60	0.73	0.61	0.82	0.71	0.66	+6	+23	−29	−31	−13	−17	−22	−5	−8	+16	0	0.56
30661		06 26 36.74	+58 25 06.2	7.90		G	96.653 075 55	+58.418 389 05		1.53	−2.08	−20.61	0.84	0.62	1.00	1.16	0.73	+7	+12	−18	+11	+12	−1	+13	−7	+33	+7	0	−0.54
30662		06 26 36.85	−15 31 02.5	8.77		H	96.653 544 86	−15.517 361 11		3.98	−7.06	7.81	0.80	0.71	1.19	1.04	0.90	+9	+10	−3	−11	−25	+16	−22	−23	+26	−9	0	0.24
30663	H	06 26 37.73	+15 31 25.3	6.88		G	96.657 225 47	+15.523 701 80	A	5.09	−3.30	0.05	1.24	1.00	1.11	1.57	1.14	+4	+29	−40	−33	−26	+12	−19	−36	+16	+27	1	−0.64
30664		06 26 38.59	−33 24 56.0	7.14		H	96.660 790 80	−33.415 556 80		6.65	−10.73	22.83	0.48	0.47	0.64	0.53	0.57	−8	+4	+3	+22	−8	+11	−14	−12	+0	−21	0	0.18
30665		06 26 39.20	+13 06 05.1	6.60		G	96.663 338 41	+13.101 421 19		13.23	10.74	−102.47	0.83	0.70	0.97	0.93	0.87	−24	+15	−9	−26	+23	−6	+16	−30	−42	−7	6	−1.60
30666		06 26 39.59	−01 30 26.2	5.87		H	96.664 962 81	−01.507 264 44		14.26	−10.11	−29.40	0.73	0.58	0.89	0.71	0.58	+8	+43	−32	−22	−8	−31	−16	−1	+4	+11	0	−0.17
30667		06 26 39.65	−01 04 24.4	7.77		H	96.665 212 05	−01.073 449 02		2.56	−6.29	−0.78	0.88	0.73	1.08	0.88	0.74	−5	+43	−38	−29	−6	−32	−20	−9	−4	+3	0	−0.85
30668		06 26 40.77	+03 25 30.6	8.00		H	96.669 869 87	+03.425 162 64		7.34	7.81	−90.57	0.85	0.66	0.96	0.85	0.72	−10	+37	−16	−17	+2	−13	−5	−22	−11	−10	0	0.94
30669		06 26 42.66	−14 36 12.2	6.32		H	96.677 732 99	−14.603 400 61		5.82	2.24	−11.68	0.57	0.50	0.81	0.77	0.61	+2	+20	+2	−18	−1	+16	+1	−35	+18	−8	0	−1.79
30670		06 26 43.40	+00 27 15.4	6.88		H	96.680 837 96	+00.454 275 37		4.41	−14.24	−17.31	0.80	0.61	0.92	0.85	0.66	+8	+28	−26	−18	+8	−24	−3	−6	−16	+40	0	−0.11
30671		06 26 43.59	−59 01 26.8	8.43		H	96.681 622 81	−59.024 107 06		7.12	−2.20	−132.39	0.59	0.60	0.63	0.67	0.68	+1	+0	+6	+2	−6	−11	−4	+6	−11	−8	0	−1.12
30672		06 26 43.62	−44 04 03.0	7.70		H	96.681 760 86	−44.067 501 54		4.38	4.86	10.76	0.54	0.49	0.63	0.60	0.70	−10	+3	+3	+11	+0	+0	−1	−8	−14	−14	1	1.69
30673	H	06 26 43.71	−58 13 20.7	8.20		G	96.682 124 18	−58.222 405 48	*	2.95	−2.88	−4.40	1.57	1.54	0.81	0.83	0.91	−7	+14	+6	+10	−7	+1	−5	+11	+6	−14	0	−0.54
30674	H	06 26 44.47	−12 06 44.8	10.03		G	96.685 270 98	−12.112 434 55	A	−2.24	1.74	0.83	2.29	1.89	2.53	2.96	2.34	−19	+43	−6	−40	+15	+1	+28	−56	+29	−12	0	−0.21
30675		06 26 44.85	−07 30 42.9	6.35	1	G	96.686 871 70	−07.511 907 23	A	7.97	4.54	−11.80	1.39	1.11	1.12	1.29	1.02	−59	+15	+6	−65	+49	−14	+58	−77	+6	−49	3	0.86
30676		06 26 45.81	−46 59 19.4	8.38		H	96.690 864 66	−46.988 732 84		8.62	−112.54	9.57	0.69	0.67	0.78	0.83	1.04	+0	+0	−11	+12	−7	+15	−7	−9	+11	+2	0	0.58
*30677		06 26 47.43	−37 13 57.2	8.05		H	96.697 612 36	−37.232 554 95		4.80	−14.91	12.65	0.51	0.56	0.68	0.52	0.79	−11	+9	+5	+1	+4	+4	+1	−42	−5	−14	0	0.29
*30678		06 26 47.25	−88 44 37.4	7.36		H	96.696 880 72	−88.743 734 03		4.28	−1.53	15.74	0.55	0.54	0.61	0.64	0.67	−18	+14	−11	−23	+2	+3	+6	−14	+16	−26	0	−0.56
30679		06 26 48.88	+58 25 02.7	5.21		G	96.703 663 48	+58.417 413 46		4.78	−5.52	−1.77	0.61	0.46	0.70	0.78	0.52	+18	+22	−16	+13	+9	+9	+14	−3	+20	+27	0	−0.32
30680		06 26 49.68	−31 52 19.1	7.92		G	96.706 997 89	−31.871 960 33		4.19	2.03	−2.28	0.56	0.55	0.82	0.72	0.71	+1	+20	−2	+10	−1	+18	−2	−31	+4	−6	0	−0.51
30681		06 26 50.45	−17 59 24.7	9.34		G	96.710 190 52	−17.990 207 68		1.42	−0.80	2.62	0.83	0.84	1.23	1.04	1.09	+0	+8	−7	+3	−16	−24	−22	−17	+9	−18	0	−1.11
30682		06 26 51.98	+24 58 15.3	9.12		H	96.716 576 74	+24.970 904 09		4.68	−8.19	−2.01	1.30	0.78	1.42	1.64	1.01	−16	+43	−19	+10	−6	+3	+4	−43	+19	−9	0	−1.89
30683		06 26 52.93	+00 49 32.1	8.98		H	96.720 525 76	+00.825 595 26		1.58	−6.38	−3.60	1.09	0.87	1.29	1.14	0.92	+0	+24	−23	−10	+11	−21	+5	−11	−15	+29	0	−1.16
30684		06 26 53.06	−32 15 00.2	9.14		H	96.721 069 57	−32.250 043 30		1.40	−9.61	6.98	0.81	0.80	1.16	0.94	1.02	+1	+27	−5	+5	−5	+11	−2	−28	+12	+0	0	−1.59
30685		06 26 53.73	−53 34 55.2	8.57		G	96.723 878 40	−53.581 990 65		10.46	1.27	10.84	0.65	0.68	0.71	0.65	0.80	+0	+14	+6	−3	−17	+2	−18	+16	−2	−10	0	−2.12
30686		06 26 54.63	+08 39 33.1	9.65		H	96.727 636 77	+08.659 184 07		2.98	−0.65	−7.21	1.61	1.07	1.84	1.37	1.07	−11	+56	−33	−16	−13	−14	−17	−15	−1	+2	0	0.19
30687		06 26 55.06	+17 27 05.7	7.69		G	96.729 432 41	+17.451 583 71		7.94	−52.87	−3.60	1.00	0.61	1.10	0.97	0.70	−9	+57	−20	+4	−10	−6	−3	−11	+7	+14	0	−1.22
30688		06 26 55.69	+60 37 59.6	8.02		H	96.732 049 10	+60.633 215 80		4.27	−1.24	−44.10	0.84	0.68	1.00	1.05	0.74	−10	+20	−24	+13	+16	+15	+21	−9	+10	+4	0	−1.18
30689		06 26 55.85	+37 17 58.1	8.20		H	96.732 692 16	+37.299 469 16		0.51	0.44	−8.43	0.90	0.57	1.05	1.08	0.68	+22	+23	−3	−4	−12	−21	−16	−37	+14	+0	0	−0.46
30690	H	06 26 56.22	+04 09 13.1	9.00		G	96.734 268 08	+04.153 629 13	B	0.96	0.88	−5.05	3.58	2.89	2.94	2.34	2.02	−4	+36	−16	−22	−2	−13	−10	−24	−19	+12	2	0.20
30691		06 26 58.35	−04 27 33.4	6.91		H	96.743 131 31	−04.459 290 62		4.89	2.33	−1.04	0.84	0.68	0.93	0.81	0.73	+8	+29	−31	−36	−14	−14	−22	−16	−8	+23	0	−0.11
*30692		06 26 58.83	+00 50 27.7	6.70		G	96.745 110 89	+00.841 040 75		5.47	−4.78	0.59	0.73	0.58	0.87	0.73	0.60	+0	+33	−26	−14	+17	−24	+6	−4	−18	+35	0	1.23
*30693		06 26 58.86	−16 59 58.0	8.16		G	96.745 246 78	−16.999 439 63		1.83	−6.97	5.17	0.68	0.64	1.03	0.87	0.74	+26	+14	−5	−2	−12	+29	−14	−35	+24	+8	0	0.64
*30694		06 26 58.82	−55 02 00.0	8.50		H	96.745 083 06	−55.033 322 02		5.70	12.03	29.38	0.66	0.61	0.67	0.68	0.72	−6	+14	−4	+9	−15	+12	−16	+17	−5	−17	0	1.12
30695		06 26 59.09	+38 58 30.8	8.33		H	96.746 197 38	+38.975 226 80		4.64	−29.91	9.24	0.97	0.61	1.10	1.29	0.76	+13	+17	+1	+14	−8	−17	−5	−29	+13	+10	0	−0.01
30696		06 26 59.20	−44 07 22.1	7.97		G	96.746 660 43	−44.122 815 96		9.24	−10.87	24.74	0.55	0.50	0.64	0.60	0.72	−3	+7	+7	+3	+0	−2	−2	−9	−16	−8	0	0.09
30697		06 26 59.77	+31 03 33.6	9.25		H	96.749 026 09	+31.059 334 58		1.18	0.73	−6.06	1.27	0.94	1.68	1.91	1.15	−19	+25	−40	+7	−28	+38	+4	−45	+37	+26	2	0.34
30698		06 27 00.12	+23 44 01.9	7.93		H	96.750 515 50	+23.733 870 86		4.61	−10.91	−4.40	0.95	0.74	1.17	1.26	0.84	+4	+17	−40	−14	−41	+45	−15	−61	+37	+38	0	1.39
30699		06 27 00.52	+35 25 45.5	8.01		H	96.752 175 02	+35.429 312 67		−0.69	−0.91	−1.18	1.00	0.61	1.09	1.10	0.70	−13	+49	−25	+12	−4	−8	−4	−10	+4	−2	0	1.84
30700		06 27 00.88	−04 21 20.3	6.50		G	96.753 659 05	−04.355 648 85		3.02	−4.99	−4.12	0.78	0.62	0.87	0.72	0.65	+13	+31	−30	−41	−17	−20	−28	−18	−12	+22	0	0.12

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
30601	7.820	0.009	6.702	0.007		0.963	0.009	T	0.95	0.01	L	6.7681	0.0014	0.008	63		6.76	6.78					1							S
30602	6.477	0.007	6.399	0.008		0.077	0.010	T	0.09	0.01	L	6.4255	0.0014	0.007	49		6.42	6.43		C			1							S
30603	9.757	0.016	8.511	0.010		1.063	0.015	T	1.03	0.01	L	8.5874	0.0018	0.020	174		8.55	8.62					1							
30604	9.155	0.013	7.246	0.006		1.585	0.011	T	1.60	0.01	L	7.1767	0.0012	0.011	116		7.16	7.20					1							S
30605	7.298	0.008	6.906	0.008		0.371	0.010	T	0.43	0.01	L	6.9611	0.0011	0.007	82		6.95	6.98		C			1							S
30606	7.743	0.008	7.858	0.014		−0.100	0.015	G	−0.08	0.02	H	7.8672	0.0014	0.010	58		7.85	7.88		C			1							S
30607	9.638	0.014	8.481	0.009		0.993	0.013	T	0.97	0.01	L	8.5344	0.0012	0.013	170		8.51	8.56		C			1							
30608	6.581	0.003	6.427	0.003		0.145	0.002	G	0.16	0.00	H	6.4551	0.0006	0.008	212		6.44	6.47		C			1							S
30609	11.432	0.097	10.862	0.100		0.627	0.096	G	0.69	0.09	R	10.9310	0.0043	0.029	82		10.89	10.98		C			1							G
30610	10.500	0.047	9.609	0.035		0.793	0.044	T	0.82	0.03	L	9.7141	0.0028	0.027	76		9.66	9.77					1							
30611	8.736	0.015	8.360	0.015		0.334	0.015	G	0.39	0.02	H	8.4372	0.0025	0.017	63		8.40	8.46					1							
30612	10.191	0.038	8.896	0.022		1.101	0.034	T	1.06	0.04	L	8.9465	0.0027	0.019	67		8.92	8.98		C			1							
30613	8.727	0.016	7.270	0.010		1.228	0.015	T	1.19	0.01	L	7.3056	0.0012	0.008	51		7.29	7.32		C			1							S
30614	10.637	0.038	9.178	0.019		1.230	0.033	T	1.19	0.03	L	9.1834	0.0020	0.017	107		9.16	9.21					1							
30615	9.558	0.018	9.400	0.021		0.144	0.026	T	0.16	0.03	L	9.4098	0.0021	0.018	110		9.37	9.43		C			1							
30616	11.247	0.037	9.746	0.017		1.263	0.032	T	1.22	0.03	L	9.7847	0.0020	0.029	269		9.72	9.84					1							
30617	8.603	0.011	8.252	0.011		0.333	0.015	T	0.39	0.02	L	8.3153	0.0016	0.014	91		8.29	8.35					1							S
30618	10.893	0.068	10.304	0.062		0.550	0.081	T	0.62	0.07	L	10.3414	0.0301	0.185	68		10.23	10.64	0.49	P 1 A			1	S						G P
30619	9.522	0.018	7.563	0.008		1.625	0.016	T	1.65	0.02	L	7.4668	0.0020	0.014	84		7.44	7.49					1							S
30620	10.374	0.065	8.110	0.022		1.912	0.057	T	2.73	0.09	O	7.8761	0.0040	0.019	40		7.85	7.91		U			1	S						
30621	9.079	0.012	9.055	0.016		0.070	0.015	G	0.08	0.02	H	9.0728	0.0017	0.019	154		9.04	9.11		U			1							
30622	8.589	0.013	8.607	0.016		−0.010	0.015	G	0.01	0.01	H	8.6014	0.0016	0.016	97		8.57	8.63		C			1							
30623	9.311	0.020	8.231	0.014		1.050	0.015	G	1.02	0.01	H	8.2613	0.0017	0.015	72		8.24	8.28		C			1							
30624	9.295	0.016	8.792	0.015		0.464	0.003	G	0.53	0.00	H	8.8526	0.0019	0.012	91		8.83	8.88		C			1 G							
30625	8.923	0.010	8.896	0.013		0.007	0.015	G	0.03	0.01	H	8.9187	0.0032	0.028	133		8.88	8.97		U			1							
30626	7.983	0.006	7.954	0.010		0.027	0.002	G	0.04	0.00	H	7.9747	0.0009	0.010	118		7.96	8.00		C			1							S
30627	7.753	0.009	6.538	0.006		1.039	0.008	T	1.01	0.01	L	6.5835	0.0009	0.007	57		6.57	6.59		C			1 X							S
30628	8.186	0.009	8.203	0.011		−0.001	0.002	G	0.02	0.00	H	8.2090	0.0011	0.014	88		8.19	8.24		C			1							S
30629	9.170	0.016	7.972	0.011		1.025	0.015	T	1.00	0.01	L	8.0121	0.0011	0.010	74		8.00	8.03		C			1							
30630	8.024	0.011	6.912	0.011		0.938	0.009	G	0.98	0.01	I	6.9303	0.0022	0.016	43		6.90	6.96		U 2	06262+1845	I 1	1	S						S P
30631	10.048	0.035	10.079	0.051		−0.024	0.057	T	0.00	0.06	L	10.0755	0.0040	0.031	59		10.02	10.13		C			1							G
30632	9.360	0.013	8.209	0.008		0.989	0.012	T	0.97	0.01	L	8.2599	0.0014	0.013	166		8.24	8.28		C			1							S
30633	7.250	0.004	7.373	0.005		−0.105	0.001	G	−0.09	0.00	H	7.3523	0.0014	0.016	209		7.33	7.38		M			1							S
30634	8.195	0.007	8.030	0.008		0.158	0.010	T	0.17	0.01	L	8.0576	0.0013	0.015	142		8.03	8.09		C			1							S
30635	9.293	0.012	9.191	0.015		0.099	0.018	T	0.11	0.02	L	9.2391	0.0014	0.022	197		9.19	9.28		D			1							
30636	9.109	0.018	8.809	0.020		0.285	0.025	T	0.32	0.03	L	8.8417	0.0021	0.017	55		8.81	8.87		C			1							
30637	11.325	0.078	9.397	0.026		1.600	0.065	T	1.62	0.07	L	9.2927	0.0029	0.025	83		9.26	9.34					1	S						
30638	9.386	0.021	7.557	0.010		1.522	0.018	T	1.56	0.03	L	7.5231	0.0008	0.008	59		7.51	7.54		D			1							
30639	8.940	0.014	8.934	0.018		0.034	0.004	G	0.05	0.00	H	8.9369	0.0014	0.013	80		8.91	8.96		C			1							
30640	8.388	0.011	7.178	0.007		1.035	0.010	T	1.01	0.01	L	7.2348	0.0011	0.010	102		7.22	7.25		C			1							S
30641	8.159	0.009	8.153	0.012		0.008	0.003	G	0.03	0.00	H	8.1763	0.0019	0.014	84		8.15	8.21		C			1							S
30642	8.608	0.011	8.475	0.013		0.121	0.016	T	0.14	0.02	L	8.5009	0.0017	0.016	112		8.46	8.53					1							
30643	8.001	0.008	8.015	0.010		−0.008	0.012	T	0.01	0.01	L	8.0280	0.0023	0.018	91		8.00	8.06		U			1							S
30644	10.409	0.037	8.723	0.016		1.408	0.032	T	1.39	0.04	L	8.7377	0.0016	0.018	93		8.70	8.77					1							
30645	9.675	0.012	7.713	0.005		1.663	0.011	T	2.03	0.03	O	7.5926	0.0014	0.018	211		7.57	7.63		U 2			1							S
30646	9.682	0.017	9.344	0.018		0.321	0.023	T	0.37	0.03	L	9.4038	0.0022	0.028	171		9.36	9.46					1							
30647	9.389	0.028	9.151	0.033		0.160	0.020	G	0.18	0.02	H	9.2267	0.0020	0.014	50		9.20	9.26					1							
30648	9.161	0.030	8.707	0.030		0.428	0.039	T	0.50	0.04	L	8.7800	0.0016	0.014	53		8.74	8.81		C			1							
30649	9.140	0.027	8.520	0.020	*	0.574	0.025	T	0.65	0.02	L	* 8.8398	0.0019	0.019	118	*	8.81	8.87		D	06264−3941	I 1	2 C	A	AB	126	2.437	0.005	0.19	0.02	
30650	6.774	0.007	6.799	0.010		−0.018	0.011	T	0.00	0.01	L	6.7952	0.0009	0.005	44		6.78	6.80					1							S
30651	5.817	0.008	5.563	0.010		0.238	0.013	T	0.27	0.02	L	5.5976	0.0009	0.067	71		5.59	5.95	9.95	P 1 A			1 V							S
30652	10.939	0.083	10.796	0.120		0.164	0.015	G	0.18	0.01	H	10.8689	0.0050	0.040	53		10.79	10.93		C			1							G
30653	8.956	0.013	8.648	0.014		0.293	0.018	T	0.33	0.02	L	8.7024	0.0016	0.015	117		8.68	8.73		C			1							
30654	9.530	0.018	9.382	0.022		0.142	0.027	T	0.16	0.03	L	9.4334	0.0020	0.018	80		9.40	9.47					1							
30655	7.367	0.005	7.144	0.006		0.213	0.007	T	0.24	0.01	L	7.1886	0.0013	0.010	117		7.17	7.22					1							S
30656	8.920	0.010	8.604	0.011		0.300	0.014	T	0.34	0.02	L	8.6882	0.0016	0.022	156		8.65	8.73					1							
30657	9.826	0.017	7.887	0.007		1.644	0.015	T	2.02	0.04	O	7.7676	0.0025	0.025	164		7.73	7.80		U 2			1							S
30658	10.435	0.026	8.992	0.014		1.217	0.023	T	1.18	0.02	L	9.0304	0.0016	0.016	147		9.00	9.06					1							
30659	10.763	0.037	8.873	0.013		1.570	0.031	T	1.59	0.03	L	8.8165	0.0020	0.018	118		8.77	8.86		C			1							
30660	5.962	0.004	6.126	0.007		−0.151	0.005	G	−0.15	0.01	H	6.1096	0.0012	0.008	51		6.10	6.12					1							S
30661	9.156	0.019	7.944	0.013		1.060	0.015	G	1.03	0.01	H	8.0431	0.0013	0.013	76		8.02	8.06		C	06268+5825	I 2	1							
30662	8.880	0.011	8.759	0.013		0.109	0.016	T	0.12	0.02	L	8.8167	0.0023	0.021	139		8.79	8.86					1							
30663	6.847	0.008	6.910	0.009	A	−0.038	0.008	G	−0.02	0.01	H	* 6.8681	0.0008	0.007	48	*	6.86	6.89		D	06266+1532	I 1	2 C	A	AB	119	3.020	0.014	3.16	0.06	S
30664	8.315	0.009	7.251	0.005		0.922	0.008	T	0.92	0.01	L	7.3055	0.0010	0.010	152		7.29	7.33		C			1							S
30665	7.234	0.010	6.660	0.010		0.556	0.015	G	0.63	0.01	H	6.7324	0.0010	0.006	38		6.71	6.74					1							S
30666	5.959	0.004	5.881	0.004		0.070	0.005	T	0.08	0.01	L	5.8997	0.0006	0.006	62		5.89	5.91		C			1							S
30667	7.646	0.010	7.763	0.012		−0.084	0.014	G	−0.06	0.02	H	7.7486	0.0016	0.008	52		7.73	7.76		C			1							S
30668	8.860	0.015	8.088	0.013		0.703	0.015	T	0.76	0.01	L	8.1468	0.0020	0.010	60		8.13	8.16		C			1							
30669	7.912	0.007	6.437	0.005		1.242	0.007	T	1.20	0.01	L	6.4766	0.0010	0.008	114		6.46	6.49					1							S
30670	8.244	0.014	6.990	0.010		1.069	0.013	T	1.03	0.01	L	7.0472	0.0015	0.009	54		7.03	7.06			06267+0027	I 1	1							S
30671	9.176	0.013	8.488	0.011		0.623	0.013	T	0.69	0.01	L	8.5644	0.0015	0.014	116		8.54	8.59		C			1							
30672	7.669	0.007	7.684	0.009		−0.012	0.010	T	0.01	0.01	L	7.7033	0.0010	0.010	115		7.69	7.72		C			1							S
30673	9.053	0.013	8.281	0.011	*	0.732	0.015	G	0.78	0.01	H	* 8.3278	0.0016	0.012	118	*	8.30	8.35		D	06267−5813	I 1	2 C	A	AB	327	0.260	0.006	1.00	0.12	S
30674	10.121	0.026	10.018	0.035	A	0.094	0.003	G	0.11	0.00	H	* 10.0573	0.0036	0.030	111	*	10.01	10.11			06267−1207	H 1	2 C	D	AB	38	1.544	0.044	2.89	0.28	G D
30675	6.276	0.003	6.321	0.003	A	−0.061	0.001	G	−0.04	0.00	H	6.3321	0.0141	0.014	209	A	6.31	6.35		U 2	06267−0731	I 1	2 C	C	AB	299	21.071	0.050	2.99	0.19	S
30676	8.885	0.012	8.428	0.011		0.444	0.013	T	0.51	0.01	L	8.4835	0.0018	0.016	101		8.45	8.51					1							S
30677	8.189	0.008	8.061	0.009		0.116	0.011	T	0.13	0.01	L	8.0944	0.0012	0.012	113		8.07	8.11		C			1							S
30678	7.326	0.006	7.353	0.007		−0.020	0.008	T	0.00	0.01	L	7.3631	0.0011	0.009	114		7.35	7.38		C			1							S
30679	7.224	0.009	5.373	0.004		1.538	0.004	G	1.59	0.01	H	5.3358	0.0010	0.008	79		5.33	5.35			06268+5825	I 2	1							S
30680	8.240	0.010	7.928	0.010		0.284	0.015	G	0.32	0.02	H	7.9836	0.0013	0.015	118		7.96	8.01					1							S
30681	9.502	0.016	9.405	0.021		0.110	0.020	G	0.12	0.02	H	9.4016	0.0023	0.024	118		9.35	9.46		C			1							
30682	9.597	0.022	9.144	0.022		0.427	0.029	T	0.49	0.03	L	9.2174	0.0024	0.019	90		9.18	9.25		C			1							
30683	8.984	0.017	8.934	0.021		0.051	0.025	T	0.06	0.02	L	9.0074	0.0022	0.016	59		8.98	9.03					1							
30684	10.621	0.040	9.262	0.021		1.151	0.035	T	1.11	0.03	L	9.3013	0.0027	0.019	121		9.27	9.33		C			1							
30685	9.010	0.014	8.590	0.014		0.410	0.015	G	0.48	0.02	H	8.6576	0.0019	0.013	94		8.64	8.68		C			1							
30686	9.891	0.032	9.741	0.040		0.144	0.048	T	0.16	0.05	L	9.6967	0.0036	0.019	62		9.67	9.75		C			1							G
30687	8.567	0.015	7.777	0.012		0.719	0.015	G	0.77	0.01	H	7.8308	0.0018	0.012	67		7.81	7.86					1							S
30688	9.557	0.018	8.162	0.011		1.179	0.017	T	1.14	0.01	L	8.1864	0.0019	0.013	90		8.15	8.21					1							S
30689	10.380	0.036	8.425	0.013		1.622	0.030	T	1.64	0.03	L	8.3117	0.0018	0.016	103		8.29	8.34					1							
30690	9.373	0.021	9.043	0.023	*	0.272	0.015	G	0.31	0.02	H	* 9.0688	0.0021	0.013	56	*	9.05	9.10		D	06269+0409	M 1	2 C	A	BA	182	0.430	0.003	0.14	0.03	
30691	8.711	0.018	7.053	0.009		1.380	0.015	G	1.35	0.02	H	7.0532	0.0009	0.007	57		7.04	7.07					1							S
30692	6.740	0.006	6.694	0.006		0.037	0.003	G	0.05	0.00	H	6.7182	0.0013	0.008	60		6.70	6.73		C			1							S
30693	8.117	0.007	8.145	0.009		−0.034	0.015	G	−0.01	0.01	H	8.1615	0.0013	0.017	125		8.14	8.20					1							
30694	8.863	0.012	8.519	0.013		0.333	0.020	T	0.39	0.03	L	8.5797	0.0015	0.014	104		8.55	8.60		C			1							
30695	8.794	0.013	8.370	0.013		0.411	0.016	G	0.48	0.02	H	8.4248	0.0019	0.014	100		8.40	8.46		C			1							
30696	8.500	0.010	8.008	0.010		0.460	0.015	G	0.53	0.02	H	8.0683	0.0012	0.011	116		8.05	8.09					1							S
30697	10.185	0.036	9.299	0.027		0.774	0.035	T	0.81	0.03	L	9.4023	0.0037	0.024	65		9.36	9.45					1	S						
30698	8.083	0.011	7.954	0.013		0.125	0.016	T	0.14	0.02	L	7.9805	0.0010	0.010	74		7.97	8.00		C			1							
30699	8.054	0.011	8.010	0.013		0.045	0.016	T	0.06	0.01	L	8.0302	0.0012	0.009	75		8.01	8.05					1							S
30700	6.315	0.005	6.471	0.006		−0.155	0.005	G	−0.15	0.01	H	6.4469	0.0009	0.005	56		6.44	6.45					1							S

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α deg (ICRS) (8)	δ deg (9)	(10)	π mas (11)	μα* mas/yr (12)	μδ (13)	σα* mas (14)	σδ (15)	σπ mas (16)	σμα* mas/yr (17)	σμδ (18)	δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	F1 % (29)	F2 (30)
30701		06 27 00.98	+05 22 43.8	9.52	3	H	96.754 080 01	+05.378 822 36		1.61	−3.06	2.52	1.52	1.17	1.67	1.80	1.40	−10	+25	−19	−30	+18	−19	+10	−28	−19	+2	0	0.56
30702		06 27 03.56	+03 23 02.9	8.30		H	96.764 836 16	+03.384 141 39		2.23	−3.96	1.63	0.94	0.75	1.03	0.94	0.79	+5	+28	−22	−20	−22	+1	−23	−28	+1	−10	0	1.13
30703		06 27 04.14	−58 00 07.6	5.82		G	96.767 232 13	−58.002 105 29		5.38	−8.51	−4.43	0.44	0.44	0.46	0.47	0.52	+3	+2	−3	+5	−4	−6	−5	+20	−6	+5	1	0.38
30704	H	06 27 04.72	−69 17 10.7	8.83		H	96.769 650 79	−69.286 317 58	A	4.79	−4.98	−4.23	2.14	1.90	1.82	1.98	1.91	+4	+3	+15	−38	+16	−5	+19	−26	−14	+1	6	1.27
30705		06 27 06.72	−32 09 59.7	7.16		H	96.778 000 31	−32.166 595 03		5.98	81.59	−88.74	0.49	0.47	0.68	0.61	0.60	+3	+16	−2	−1	−7	+7	−7	−23	+5	−3	0	−0.22
30706		06 27 07.59	−37 53 44.2	6.48		H	96.781 607 51	−37.895 615 74		20.09	−1.38	44.75	0.49	0.46	0.61	0.57	0.72	−13	+20	−7	+34	−2	+11	−2	−31	−1	−12	1	−0.69
30707		06 27 08.57	−21 33 09.1	7.86		H	96.785 704 38	−21.552 527 90		0.08	2.32	2.33	0.52	0.54	0.86	0.57	0.56	+3	+12	+5	+47	−23	+20	−22	−16	+18	+4	0	−0.51
30708		06 27 09.10	−47 49 16.7	8.07		H	96.787 918 99	−47.821 292 94		4.32	0.52	22.13	0.61	0.65	0.71	0.67	0.88	−15	+10	+8	−8	+15	+13	+12	−25	−17	−26	3	−0.56
30709	H	06 27 09.19	+00 08 06.1	7.77		G	96.788 280 46	+00.135 038 04	A	0.81	−10.15	−4.57	2.79	2.22	2.85	2.54	2.12	+4	+26	−17	−27	−5	−11	−10	−24	−12	+13	0	1.01
30710		06 27 09.67	−24 14 18.9	8.03	2	H	96.790 277 09	−24.238 581 38		0.47	−0.99	2.18	0.44	0.55	0.94	0.55	0.67	−1	+5	+0	+6	−15	+7	−13	−6	+2	+11	0	0.56
*30711		06 27 11.48	−25 51 21.5	6.05		H	96.797 820 98	−25.855 971 62		33.48	−171.52	−215.83	0.39	0.40	0.64	0.50	0.48	+4	+15	+6	+12	−16	+10	−15	+1	+2	+5	3	−1.45
*30712		06 27 11.34	−37 06 07.5	8.18		G	96.797 249 05	−37.102 083 58		5.27	−11.25	12.63	0.53	0.56	0.71	0.56	0.82	−12	+13	+0	+2	+6	+14	+9	−39	−2	−9	0	0.67
*30713	H	06 27 12.12	−20 25 15.1	7.60		G	96.800 512 65	−20.420 868 86	A	6.09	−13.39	−26.64	1.48	0.96	0.99	0.66	0.69	−2	+1	+9	+44	−23	−3	−13	+22	−9	+14	0	−0.31
*30714		06 27 12.11	−60 43 43.0	6.97		H	96.800 464 55	−60.728 614 88		7.35	−33.68	14.53	0.54	0.53	0.56	0.65	0.54	+4	−8	−10	+1	−24	+9	−22	−3	+8	−16	0	−0.35
30715		06 27 12.99	−12 50 18.1	8.36		G	96.804 105 20	−12.838 364 44		1.21	−5.18	−0.23	0.79	0.67	1.04	0.96	0.89	+4	+34	−4	−36	−8	−8	−1	−51	+14	+14	0	0.85
30716		06 27 13.64	−73 13 42.3	9.36		H	96.806 844 36	−73.228 415 82		0.85	−0.45	25.03	0.79	0.78	0.86	0.86	1.00	−8	+38	+7	+0	−4	+9	−6	+13	−14	−34	0	1.22
30717		06 27 13.76	+00 17 57.4	5.19		G	96.807 332 07	+00.299 266 32		3.43	2.90	−8.25	0.67	0.54	0.80	0.69	0.57	+4	+28	−28	−15	+17	−25	+5	−3	−18	+41	0	−0.05
30718		06 27 14.63	−36 00 11.7	9.27		H	96.810 940 52	−36.003 245 82		2.13	−2.31	0.93	0.73	0.85	0.98	0.86	1.17	−8	+8	+4	+8	+6	+17	+6	−44	+3	−8	0	−1.38
30719		06 27 15.05	+06 30 38.4	7.88	1	H	96.812 693 72	+06.510 653 98		3.08	5.40	12.01	1.28	0.90	1.33	1.45	1.06	+23	+18	−14	−45	−25	+5	−28	−41	−25	+37	0	−0.71
30720		06 27 15.59	−00 16 33.6	5.55		H	96.814 960 20	−00.275 986 84		4.35	1.62	−5.19	0.75	0.56	0.86	0.78	0.62	−2	+37	−30	−18	+20	−28	+4	+2	−21	+36	0	−0.61
30721		06 27 15.71	−27 06 43.5	10.96		H	96.815 464 92	−27.112 091 40		1.54	−0.50	3.54	1.15	1.41	2.09	1.47	1.88	+1	+2	−6	+12	−9	+4	−10	−14	+9	−2	0	2.47
30722		06 27 15.78	+14 53 21.2	6.57	1	H	96.815 739 61	+14.889 227 49		2.19	0.62	0.96	0.97	0.79	1.04	1.25	0.92	+15	+30	−44	−44	−33	+7	−25	−55	+14	+59	7	0.57
30723		06 27 15.96	+21 59 26.2	8.48		H	96.816 520 39	+21.990 616 92		2.63	3.49	−7.14	1.39	0.94	1.56	1.45	1.05	−14	+54	−35	+20	+1	+19	+14	−8	+7	+29	0	1.75
30724		06 27 18.28	+26 40 09.0	9.84		H	96.826 156 69	+26.669 168 51		5.38	1.46	−11.42	1.49	0.97	1.76	1.69	1.14	−18	+43	−35	+3	−24	+13	−2	−61	+33	+1	0	0.26
30725		06 27 18.71	+06 29 45.8	10.33		H	96.827 955 83	+06.496 063 55		3.40	2.54	−1.39	2.81	1.82	2.84	2.58	1.73	−33	+51	−46	−56	+8	−19	−7	−39	−9	+19	0	−0.05
30726		06 27 18.97	+21 17 37.2	7.96		H	96.829 048 05	+21.293 662 94		3.99	31.22	−35.83	1.36	1.03	1.65	1.93	1.34	−11	+45	−53	+40	−10	+32	+24	−6	+27	+45	0	0.38
30727		06 27 19.91	−53 33 58.7	8.15		G	96.832 964 81	−53.566 306 28		6.48	−7.15	29.57	0.61	0.58	0.64	0.62	0.68	−2	+15	−9	−2	−14	+8	−16	+6	−12	−13	0	0.50
30728		06 27 20.48	+02 54 29.7	5.55		G	96.835 317 72	+02.908 256 24		11.15	−43.38	13.01	0.66	0.52	0.76	0.64	0.51	−2	+32	−33	−14	−6	−3	−6	−16	+3	−5	0	0.39
30729		06 27 20.67	−33 06 49.9	8.41	1	H	96.836 142 06	−33.113 847 27		22.18	−14.56	−69.99	0.58	0.59	0.80	0.63	0.73	+2	+19	+5	+26	−4	+17	−7	−14	+10	−7	0	0.65
30730		06 27 21.61	−15 18 57.5	7.81		H	96.840 027 62	−15.315 984 84		2.18	−6.35	4.61	0.62	0.55	0.96	0.83	0.69	+13	+11	−3	−8	−22	+11	−19	−24	+23	+0	0	0.62
30731	H	06 27 22.59	−19 01 37.4	8.74		G	96.844 140 09	−19.027 050 05	*	3.88	1.12	−1.07	0.88	0.87	1.31	1.04	1.07	+26	+11	−14	−33	−28	−7	−25	−39	+31	+2	0	2.10
30732		06 27 23.78	−44 10 12.3	8.53		H	96.849 082 12	−44.170 088 02		5.58	4.77	8.86	0.63	0.59	0.73	0.67	0.83	−10	+2	+0	+3	+0	−3	−1	−2	−8	−16	0	0.25
30733	H	06 27 24.11	−25 44 05.2	8.36		G	96.850 440 12	−25.734 784 37	A	22.53	−4.37	76.85	1.95	2.58	2.38	1.83	2.23	−27	+2	+7	+9	−12	+9	−13	−2	−2	−4	1	1.10
30734		06 27 24.22	+19 27 32.2	9.19		H	96.850 927 24	+19.458 931 14		3.09	17.69	−10.38	1.39	0.95	1.47	1.53	1.14	+5	+44	−5	−1	+4	+7	+8	−26	+4	+23	0	2.12
30735		06 27 27.93	+05 10 31.5	6.72		H	96.866 385 42	+05.175 426 97		0.79	−1.19	−1.87	0.78	0.58	0.91	0.82	0.66	−9	+36	−24	−18	+24	−23	+11	−9	−23	+19	2	−0.13
30736		06 27 28.07	−60 16 38.2	8.19		H	96.866 971 32	−60.277 266 08		5.51	−23.41	12.27	0.64	0.65	0.67	0.80	0.70	−1	−4	+4	+10	−22	+11	−21	+0	+0	−18	0	−1.00
30737		06 27 28.37	−22 07 27.4	7.63		H	96.868 200 74	−22.124 266 22		2.41	3.90	22.07	0.57	0.54	0.87	0.63	0.58	−7	+17	−15	+51	−27	+21	−17	−13	+10	+6	4	−1.14
30738		06 27 30.51	+29 38 31.9	7.84		H	96.877 128 55	+29.642 180 95		3.37	−3.04	−0.06	1.18	0.84	1.12	1.64	0.97	+47	+24	−19	−39	−67	+20	−49	−70	+22	+71	0	−1.10
30739		06 27 31.79	−26 04 39.1	8.83		G	96.882 470 00	−26.077 517 20		0.52	−2.35	5.35	0.62	0.70	1.04	0.80	0.88	−1	+11	−1	+22	−11	+4	−10	+21	+3	+11	0	−1.76
30740		06 27 32.61	+76 01 13.1	7.74		H	96.885 857 88	+76.020 314 71		5.63	−2.68	28.94	0.50	0.59	0.75	0.64	0.78	+15	+21	+3	+13	+1	+1	+4	+6	+13	+30	0	0.60
30741		06 27 35.52	+32 33 47.2	6.43		G	96.897 986 68	+32.563 110 06		7.49	7.00	−67.56	0.79	0.53	0.89	0.93	0.60	−16	+24	+13	+12	+17	+6	+11	−27	−30	−10	0	0.12
30742		06 27 36.14	+59 23 25.0	8.17		H	96.900 597 35	+59.390 289 95		1.66	1.40	−1.62	0.80	0.63	1.10	0.97	0.81	−7	+30	−31	+32	+0	−13	+8	−4	+41	−8	0	−0.21
30743		06 27 36.86	−15 18 22.2	7.48	2	G	96.903 583 30	−15.306 173 02		2.13	−6.05	4.80	0.60	0.54	0.92	0.81	0.68	+18	+8	−15	−14	−26	+15	−22	−31	+26	+3	2	1.11
*30744		06 27 38.49	+85 35 11.3	12.43		H	96.910 375 27	+85.586 478 40		4.21	−9.82	−159.43	2.21	2.37	2.76	2.40	2.85	+9	+8	−14	−9	+4	+0	+4	−1	+7	+18	1	1.81
*30745		06 27 38.30	+48 46 36.3	7.31		H	96.909 592 86	+48.776 757 76		14.87	20.48	41.09	0.72	0.47	0.95	0.86	0.58	−17	+30	+5	+20	+23	−5	+22	+5	+23	−45	0	0.72
30746		06 27 38.51	+09 12 35.8	9.53		H	96.910 463 75	+09.209 947 86		1.08	−1.19	−3.27	1.37	0.98	1.53	1.45	1.09	+0	+38	−18	−4	−10	−18	−13	−2	−3	+26	0	−0.40
30747		06 27 40.30	+30 38 42.8	6.95		H	96.917 936 42	+30.645 208 70		5.80	10.75	−12.86	0.94	0.68	1.08	1.38	0.82	+15	+25	−30	−9	−50	+36	−26	−48	+26	+53	0	−0.25
30748		06 27 40.36	+33 07 31.9	9.20		G	96.918 175 54	+33.125 525 09		3.96	−82.13	−28.79	1.20	0.81	1.35	1.28	0.83	−17	+31	+5	−2	+8	+10	+7	−40	−23	+2	0	1.64
*30749		06 27 40.64	+18 13 25.7	7.47		G	96.919 315 14	+18.223 815 29		12.16	−25.25	15.40	1.05	0.60	1.15	1.03	0.71	−14	+61	−27	+0	+12	−17	+8	−14	+2	+6	0	0.63
*30750		06 27 40.63	−32 17 55.0	10.93		G	96.919 272 19	−32.298 621 92		12.39	−105.43	−164.85	1.29	1.35	1.92	1.56	1.77	−7	+25	−6	+9	+6	+6	+4	−29	+11	−18	3	1.76
30751		06 27 40.66	+32 37 14.5	9.85		H	96.919 418 91	+32.620 703 54		5.60	15.90	−7.32	1.40	1.01	1.59	1.84	1.20	−10	+14	+25	+1	+11	+10	+2	−39	−26	−22	3	0.46
30752		06 27 43.05	+11 45 20.5	8.66		H	96.929 367 66	+11.755 685 35		1.03	44.32	−10.45	1.23	0.99	1.36	1.22	0.97	−31	+48	−34	−17	+32	−20	+23	−20	−9	+30	0	1.11
30753		06 27 43.11	+09 37 35.6	7.55		H	96.929 607 35	+09.626 546 32		3.35	−3.78	2.41	0.82	0.60	0.92	0.75	0.60	+7	+40	−11	−4	−2	−12	−3	−5	+1	+2	0	−0.53
30754		06 27 45.40	−02 39 35.3	7.85		H	96.939 180 17	−02.659 803 63		6.17	−2.89	−11.96	0.94	0.82	1.11	0.94	0.90	+20	+37	−23	−30	−18	−19	−30	−27	−18	+26	3	−1.30
30755		06 27 45.63	+24 19 12.7	9.36		H	96.940 113 53	+24.320 206 97		14.11	70.69	−293.69	1.49	1.06	1.66	2.26	1.36	+18	+22	−25	−12	−40	+38	−28	−56	+16	+28	0	1.10
30756		06 27 45.94	+20 46 59.6	8.59		H	96.941 433 88	+20.783 229 60	B	55.52	44.15	−30.28	61.74	42.68	33.89	31.60	25.37	−15	+49	−38	+3	−11	+24	+15	−38	+38	+8	2	0.73
30757		06 27 46.58	+20 47 22.6	6.54		G	96.944 097 71	+20.789 619 21	A	5.67	−32.66	−45.34	2.59	1.88	2.22	2.40	1.81	−22	+41	−39	−3	−8	+14	+13	−36	+36	+0	2	0.73
30758		06 27 47.62	−04 49 29.0	7.82		G	96.948 415 43	−04.824 712 54		2.59	−4.39	−1.86	0.80	0.63	0.99	0.85	0.75	−33	+37	−26	−20	−6	−18	−14	−7	+0	−6	0	−1.37
30759		06 27 48.00	−41 07 54.4	7.68		H	96.950 018 72	−41.131 771 97		8.89	19.57	99.68	0.56	0.47	0.66	0.73	0.65	−3	+4	−9	+10	−6	+9	−3	−18	−3	+5	5	2.16
30760		06 27 48.62	−62 09 00.0	6.61		H	96.952 564 06	−62.149 986 93		12.66	0.95	24.79	0.51	0.47	0.53	0.54	0.51	−7	+18	+0	−11	−13	−9	−11	+5	−5	−30	0	0.28
30761		06 27 50.84	−05 09 17.5	8.09		G	96.961 833 99	−05.154 849 27		3.00	−3.93	−4.65	0.73	0.58	0.88	0.81	0.70	−23	+23	−15	−35	−2	+1	−7	−23	−5	+3	0	0.30
30762		06 27 50.98	+47 24 17.7	6.55		H	96.962 397 21	+47.404 918 42		10.41	−28.45	3.46	0.91	0.56	0.93	0.90	0.69	+38	+43	+5	+0	−15	+11	−12	−37	+16	+28	0	1.77
30763		06 27 51.12	−48 03 24.4	9.08		H	96.962 987 84	−48.056 781 68		3.17	0.50	17.48	0.72	0.84	0.84	0.79	1.05	−17	+6	−2	−10	+14	−4	+14	−18	−9	−23	1	1.35
30764		06 27 51.77	+80 52 02.8	8.01		H	96.965 728 46	+80.867 455 24		2.34	−2.16	−9.39	0.57	0.67	0.77	0.60	0.75	−6	+19	−7	−7	+8	−2	+10	−16	+1	+6	0	−2.29
30765		06 27 52.37	−30 03 35.5	8.56		H	96.968 205 12	−30.059 868 71		2.33	−14.93	2.92	0.61	0.61	0.91	0.74	0.78	−8	−10	+9	+9	−6	+5	−10	−14	+9	−16	0	0.60
30766		06 27 53.51	+07 07 45.6	8.82		H	96.972 948 26	+07.129 325 57		2.24	−0.39	−2.96	1.06	0.82	1.19	1.12	0.88	+0	+22	−18	−22	−5	−14	−10	−20	−13	+18	0	0.72
30767		06 27 55.54	−79 47 58.6	9.10	1	H	96.981 430 49	−79.799 601 84		2.24	6.57	9.25	0.76	0.79	0.85	0.84	1.01	−6	+24	+20	−12	+13	+8	+4	−29	−23	−34	0	−1.00
30768		06 27 55.73	+47 59 17.1	8.68		H	96.982 195 89	+47.988 082 99		2.80	13.26	−15.80	0.87	0.59	1.17	1.11	0.78	−10	+27	+7	+21	+13	−7	+13	+7	+28	−46	0	0.44
30769		06 27 56.69	+20 29 46.6	6.22		H	96.986 206 96	+20.496 288 55		6.06	−29.05	12.91	0.96	0.63	1.01	1.07	0.74	+9	+45	−25	+13	+11	−4	+17	−16	+6	+41	0	−0.23
30770		06 27 56.77	−58 08 40.8	9.02		H	96.986 534 58	−58.144 676 02		0.54	3.16	32.40	0.76	0.78	0.81	0.86	0.96	−1	+3	−9	+11	−7	+0	−8	+15	−16	+2	0	−0.90
30771		06 27 57.43	+21 49 09.7	8.65		H	96.989 281 22	+21.819 371 45		2.39	4.85	−11.65	1.49	1.01	1.66	1.64	1.15	−32	+59	−45	+34	−2	+26	+29	−8	+25	+37	0	1.72
30772		06 27 57.57	−04 45 43.7	5.06		G	96.989 883 36	−04.762 146 77		2.41	−4.23	−3.14	0.64	0.50	0.78	0.64	0.55	−16	+36	−26	−19	−15	−3	−14	−19	+6	+4	0	−0.51
30773		06 27 58.54	+18 48 49.2	7.86		G	96.993 936 00	+18.813 660 70		5.69	−13.71	−34.49	1.08	0.71	1.18	1.26	0.87	−3	+39	−26	+6	+7	−9	+16	−22	+10	+36	0	1.46
30774		06 27 58.83	+23 40 06.5	7.59		H	96.995 126 58	+23.668 461 54		5.53	15.33	−22.19	1.01	0.68	1.08	1.07	0.77	+3	+44	−11	+7	+2	+14	+4	−27	−3	+19	0	0.60
30775		06 27 58.86	−66 45 16.3	8.42	2	H	96.995 256 76	−66.754 524 68		1.49	9.79	41.43	0.67	0.63	0.69	0.47	0.75	−12	+20	−16	−71	+13	−19	+11	−8	+5	−7	1	−1.83
30776		06 27 59.03	−13 09 38.1	7.08		G	96.995 963 40	−13.160 581 21		6.00	−5.82	0.15	0.68	0.55	0.85	0.79	0.70	+7	+35	−12	−28	−15	+4	−5	−41	+22	+23	2	−0.52
30777		06 27 59.54	+36 12 08.7	7.75		G	96.998 086 04	+36.202 416 56		0.58	−6.75	−9.19	0.87	0.56	1.00	1.20	0.79	+3	+19	−6	+16	−19	−11	−13	−12	+26	+1	0	−0.19
30778		06 28 02.19	−45 37 09.3	8.44		H	97.009 106 59	−45.619 237 89		3.93	−3.23	−16.80	0.62	0.60	0.71	0.74	0.81	−6	+4	−13	+2	+9	−10	+8	−13	−3	−7	0	2.33
30779		06 28 02.79	+29 14 30.6	7.55		H	97.011 626 79	+29.241 845 60		2.59	2.69	−3.59	1.18	0.83	1.15	1.64	0.97	+44	+27	−23	−39	−64	+23	−45	−71	+23	+72	0	−0.06
30780		06 28 02.83	−21 47 53.2	7.73		H	97.011 799 81	−21.798 115 64		−0.22	6.62	−2.88	0.56	0.57	0.91	0.61	0.62	−5	+7	+0	+49	−25	+12	−21	−12	+14	+4	0	−0.23
30781		06 28 02.89	+05 55 21.2	7.74		G	97.012 044 73	+05.922 546 53		4.35	−2.93	−0.84	1.19	0.93	1.48	1.50	1.06	−21	+36	−47	−15	+39	−38	+17	+0	−25	+25	0	−1.09
30782		06 28 03.47	−16 08 14.0	9.16		H	97.014 475 49	−16.137 234 53		1.03	3.76	−0.28	0.91	0.83	1.43	1.36	1.14	+18	+4	−19	−11	−26	+13	−21	−26	+18	+23	0	0.83
30783		06 28 03.73	−38 26 15.7	12.54	2	H	97.015 550 76	−38.437 700 29		−10.11	−2.42	1.07	3.73	6.56	5.66	4.55	7.18	+14	+14	−19	−18	−1	−3	−6	−40	−4	+12	4	2.53
30784		06 28 04.41	+45 30 18.0	9.14		H	97.018 362 40	+45.504 989 99		1.83	6.65	1.00	1.11	0.78	1.21	1.39	0.87	+30	+33	−3	−13	−28	+3	−20	−43	+0	+49	0	0.91
30785		06 28 04.93	+74 44 35.2	9.14	2	H	97.020 540 76	+74.743 107 35		1.50	0.65	−8.41	0.76	0.97	1.27	0.84	1.04	−8	+4	+7	+3	+11	+12	+10	+1	−1	+2	0	0.21
30786		06 28 05.62	−27 08 37.0	7.80	2	H	97.023 434 26	−27.143 604 14		4.00	−5.78	−1.62	0.52	0.51	0.82	0.65	0.64	+7	+5	−2	+3	−22	+9	−21	−10	−2	+13	0	−0.29
30787		06 28 07.68	−32 50 45.5	8.87		H	97.032 001 84	−32.845 964 68		1.11	−1.42	7.96	0.72	0.71	0.95	0.78	0.91	−8	+20	−3	+25	−7	+2	−8	−20	+13	−13	1	1.53
30788		06 28 10.22	−32 34 48.5	4.47	1	G	97.042 572 72	−32.580 129 47		8.03	−13.78	24.24	0.46	0.37	0.58	0.51	0.45	−2	+38	−5	+13	−4	+13	+0	−17	+13	−5	1	−0.91
30789		06 28 10.77	−04 53 56.5	7.98		H	97.044 868 72	−04.899 027 66		2.67	−4.81	−1.66	0.81	0.64	1.02	0.89	0.81	−31	+34	−24	−19	−11	−17	−19	−4	+0	−2	0	0.81
30790		06 28 10.93	−57 20 07.1	8.72		H	97.045 532 28	−57.335 302 24		1.46	−1.83	19.67	0.75	0.80	0.78	0.80	1.09	−7	−12	+0	+1	−8	−2	−12	+43	+10	−5	1	0.35
30791		06 28 11.44	+73 33 25.2	8.47		H	97.047 671 19	+73.557 000 42		1.48	−2.23	−8.51	0.57	0.73	0.99	0.61	0.77	+12	−1	−6	+8	+0	+16	+1	+0	+15	+17	0	−1.42
30792		06 28 12.43	+08 41 16.6	8.48		H	97.051 793 07	+08.687 949 88		1.26	−7.88	−14.15	1.67	1.04	1.91	1.31	1.02	+10	+57	−35	−28	−34	−6	−24	−31	+16	+36	0	1.54
30793	H	06 28 13.96	+05 16 20.1	7.39		G	97.058 159 21	+05.272 252 41	A	2.53	−0.72	0.33	1.80	1.35	1.71	1.71	1.33	+6	+8	−32	−27	+23	−9	+16	−36	+0	−49	0	1.63
30794	T	06 28 14.49	+70 32 07.0	6.03		G	97.060 357 70	+70.535 291 14		5.89	−0.76	11.81	0.27	0.39	0.57	0.30	0.42	+7	+13	+0	+10	+6	+8	+6	−12	−2	+7	1	1.62
30795		06 28 14.65	−77 17 27.4	6.94		H	97.061 021 20	−77.290 935 24		2.91	−1.45	21.46	0.49	0.46	0.51	0.56	0.53	−6	+8	+9	+2	−9	+10	−11	+11	−11	−6	3	−0.17
30796		06 28 15.87	−19 47 49.3	7.59		H	97.066 142 42	−19.797 028 30		5.73	5.86	−16.05	0.53	0.51	0.89	0.61	0.62	−8	+8	−9	+53	−11	+6	−4	−1	−3	+5	0	−1.00
30797		06 28 16.39	−45 41 29.0	8.65		H	97.068 277 04	−45.691 393 21		6.35	−14.82	−16.14	0.63	0.62	0.72	0.79	0.83	−2	+4	−13	+5	+8	+2	+8	−7	−7	−3	0	0.32
30798		06 28 16.77	+01 54 45.8	6.48		G	97.069 877 97	+01.912 716 49		6.67	−6.72	−15.28	0.74	0.56	0.86	0.80	0.63	−8	+29	−29	−17	+7	−12	−2	−4	−19	−6	0	−0.37
30799	H	06 28 17.16	+24 40 53.3	8.47		H	97.071 507 69	+24.681 479 59	*	0.21	−4.69	−6.10	2.49	2.16	1.56	2.22	1.47	−48	+4	−37	−47	+32	+9	+34	−72	+34	−58	1	−0.53
30800		06 28 17.42	−13 03 11.1	7.99	2	H	97.072 586 35	−13.053 093 60		2.82	2.33	−0.04	0.85	0.69	1.10	0.98	0.91	+0	+42	−9	−32	−7	−5	+3	−43	+23	+9	0	−0.15

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
30701	12.225	0.342	10.111	0.073		1.788	0.288	T	2.50	0.72	K	9.5400	0.0207	0.217	57		9.13	9.79		U 2			1 S							G P
30702	9.440	0.021	8.406	0.014		0.900	0.019	T	0.90	0.01	L	8.4607	0.0026	0.013	57		8.43	8.48					1							
30703	7.491	0.006	5.966	0.004		1.279	0.002	G	1.25	0.04	E	5.9884	0.0007	0.006	115		5.98	6.00					1						S	
30704	10.248	0.031	8.987	0.018	A	1.100	0.495	G	1.00	0.05	L *	9.0018	0.0022	0.018	96	*	8.96	9.03		C	06271−6917	I 1	2 C C	AB	22	2.183	0.080	3.64	0.31	
30705	8.151	0.009	7.259	0.007		0.794	0.009	T	0.83	0.01	L	7.3145	0.0010	0.010	126		7.30	7.33		C			1						S	
30706	6.931	0.004	6.528	0.004		0.394	0.005	T	0.46	0.01	L	6.5722	0.0008	0.008	111		6.56	6.59		C	06271−3754	I 1	1						S	
30707	7.749	0.006	7.842	0.008		−0.084	0.002	G	−0.06	0.00	H	7.8345	0.0013	0.013	147		7.81	7.87					1						S	
30708	8.379	0.010	8.106	0.011		0.260	0.014	T	0.29	0.02	L	8.1471	0.0018	0.014	102		8.13	8.17		C			1						S	
30709	7.739	0.011	7.807	0.012	A	−0.031	0.100	G	−0.01	0.02	L *	7.7916	0.0023	0.010	52	*	7.77	7.82		C	06272+0008	I 1	2 C D	AB	346	6.425	0.067	3.42	0.49	S D
30710	10.180	0.021	8.211	0.008		1.668	0.019	T	1.86	0.06	O	8.1185	0.0020	0.022	194		8.09	8.16		U 2			1							
30711	6.698	0.003	6.117	0.003		0.545	0.003	T	0.62	0.00	L	6.1742	0.0007	0.007	171		6.16	6.19			06272−2551	I 1	1						S	
30712	8.374	0.009	8.170	0.010		0.195	0.013	T	0.21	0.01	L	8.2255	0.0015	0.012	116		8.21	8.25		C			1 S						S	
30713	7.797	0.004	7.624	0.005	*	0.164	0.003	G	0.18	0.00	H *	7.6584	0.0009	0.009	226	*	7.64	7.68		C	06272−2025	H 1	2 C A	AB	263	0.345	0.015	3.23	0.13	S
30714	8.541	0.012	7.095	0.007		1.219	0.011	T	1.18	0.01	L	7.1336	0.0010	0.009	93		7.12	7.15					1						S	
30715	8.323	0.008	8.338	0.011		−0.028	0.015	G	−0.01	0.01	H	8.3574	0.0013	0.012	116		8.34	8.38					1							
30716	9.329	0.016	9.306	0.020		0.021	0.023	T	0.04	0.02	L	9.3723	0.0015	0.017	106		9.34	9.40					1							
30717	6.724	0.006	5.321	0.004		1.186	0.006	T	1.15	0.01	L	5.3736	0.0005	0.004	55		5.37	5.38					1						S	
30718	11.059	0.051	9.395	0.021		1.391	0.044	T	1.36	0.05	L	9.4126	0.0020	0.021	124		9.38	9.45					1							
30719	10.087	0.036	8.074	0.014		1.668	0.031	T	1.69	0.03	L	7.9891	0.0043	0.024	49		7.96	8.03		U			1							
30720	7.365	0.010	5.710	0.005		1.376	0.007	G	1.28	0.04	E	5.7052	0.0009	0.006	47		5.70	5.72					1						S	
30721											T	11.0948	0.0043	0.045	151		11.01	11.17					1 S						G G	
30722	6.716	0.007	6.608	0.006		0.105	0.009	T	0.12	0.01	L	6.6131	0.0016	0.014	54		6.60	6.65		U 2			1						S	
30723	9.692	0.033	8.581	0.022		0.958	0.031	T	0.95	0.02	L	8.6399	0.0032	0.015	41		8.61	8.67					1							
30724	10.407	0.038	9.915	0.040		0.463	0.050	T	0.53	0.05	L	9.9429	0.0024	0.023	96		9.91	9.99					1						G	
30725	10.451	0.053	10.320	0.074		0.126	0.085	T	0.14	0.09	L	10.3734	0.0062	0.029	42		10.30	10.41					1						G	
30726	9.277	0.032	8.098	0.021		1.011	0.030	T	0.99	0.02	L	8.1279	0.0030	0.014	30		8.10	8.15					1						S	
30727	8.569	0.011	8.172	0.011		0.397	0.006	G	0.46	0.01	H	8.2333	0.0009	0.010	95		8.21	8.25		D			1						S	
30728	6.874	0.006	5.662	0.003		1.035	0.005	G	0.99	0.04	E	5.7109	0.0006	0.006	58		5.70	5.72		D			1						S	
30729	9.295	0.013	8.495	0.010		0.708	0.013	T	0.76	0.01	L	8.5455	0.0017	0.021	146		8.51	8.58		M			1							
30730	7.727	0.007	7.790	0.010		−0.054	0.011	T	−0.03	0.01	L	7.7993	0.0010	0.012	144		7.78	7.82		C			1						S	
30731	9.771	0.018	8.815	0.013	*	0.840	0.020	G	0.86	0.01	H *	8.8747	0.0022	0.019	128	*	8.84	8.92		C	06274−1902	H 1	2 C S A	AB	75	0.163	0.012	0.72	0.37	
30732	8.738	0.012	8.535	0.013		0.187	0.017	T	0.21	0.02	L	8.5929	0.0016	0.018	120		8.56	8.63					1						S	
30733	9.479	0.014	8.521	0.010	*	0.840	0.015	G	0.88	0.01	H *	8.5293	0.0015	0.018	161	*	8.50	8.57		D	06274−2544	I 1	2 C A	AB	320	0.512	0.004	0.20	0.02	
30734	10.580	0.061	9.348	0.035		1.052	0.055	T	1.02	0.04	L	9.3578	0.0031	0.021	45		9.33	9.39		C			1							
30735	7.140	0.008	6.748	0.007		0.371	0.010	T	0.43	0.01	L	6.8018	0.0010	0.007	63		6.79	6.82		C			1						S	
30736	9.324	0.017	8.294	0.012		0.897	0.016	T	0.90	0.01	L	8.3437	0.0017	0.017	99		8.32	8.37		C			1							
30737	8.014	0.007	7.667	0.006		0.336	0.008	T	0.39	0.01	L	7.7100	0.0009	0.015	151		7.69	7.74					1						S	
30738	8.569	0.011	7.918	0.010		0.596	0.002	G	0.67	0.00	H	7.9659	0.0013	0.009	85		7.95	7.98		C			1						S	
30739	8.660	0.009	8.793	0.012		−0.135	0.002	G	−0.13	0.00	H	8.7907	0.0019	0.019	164		8.76	8.83		C			1							
30740	9.038	0.010	7.848	0.007		1.019	0.010	T	0.99	0.01	L	7.9019	0.0013	0.015	162		7.88	7.92		C			1						S	
30741	8.094	0.011	6.598	0.007		1.264	0.015	G	1.22	0.02	H	6.6034	0.0012	0.007	68		6.59	6.62		C			1						S	
30742	9.403	0.021	8.278	0.014		0.969	0.020	T	0.95	0.02	L	8.3378	0.0017	0.014	92		8.31	8.37		C			1							
30743	7.378	0.005	7.478	0.006		−0.066	0.015	G	−0.04	0.01	H	7.4597	0.0015	0.013	138		7.44	7.50		U 2	06276−1518	I 1	1 S						S	
30744						0.787	0.051	G	0.83	0.05	H	12.5788	0.0104	0.083	101		12.45	12.74					1						G	
30745	7.986	0.008	7.369	0.007		0.578	0.003	G	0.65	0.00	H	7.4305	0.0011	0.007	119		7.42	7.45					1						S	
30746	9.632	0.027	9.551	0.036		0.080	0.042	T	0.09	0.05	L	9.5572	0.0024	0.019	58		9.53	9.63					1						G	
30747	8.494	0.012	7.083	0.007		1.192	0.011	T	1.15	0.01	L	7.1149	0.0012	0.010	74		7.10	7.14		C			1						S	
30748	9.677	0.025	9.231	0.026		0.439	0.002	G	0.51	0.00	H	9.3025	0.0028	0.018	67		9.28	9.33		C			1							
30749	8.048	0.011	7.556	0.012		0.463	0.015	T	0.53	0.02	L	7.5967	0.0022	0.013	49		7.57	7.62					1						S	
30750						0.657	0.015	G	0.72	0.01	H	11.0642	0.0038	0.039	123		11.00	11.14		C			1						G	
30751	10.464	0.048	9.923	0.046		0.507	0.060	T	0.58	0.06	L	9.9632	0.0024	0.022	64		9.92	10.00		C			1						G	
30752	9.947	0.037	8.816	0.024		0.973	0.034	T	0.96	0.03	L	8.8261	0.0011	0.014	40		8.81	8.85		D			1							
30753	7.844	0.010	7.581	0.011		0.250	0.014	T	0.28	0.02	L	7.6169	0.0014	0.008	55		7.60	7.63		C			1						S	
30754	7.827	0.011	7.825	0.012		−0.030	0.000	G	−0.01	0.00	H	7.8527	0.0021	0.012	46		7.84	7.87					1						S	
30755	10.385	0.048	9.493	0.034		0.779	0.045	T	0.81	0.03	L	9.5026	0.0025	0.022	70		9.45	9.54		C			1							
30756	9.622	0.046	8.420	0.029	B	1.029	0.042	T	1.00	0.03	L	8.7845	0.1952			B					06278+2048	I 2	1 C I D							D
30757	8.134	0.014	6.650	0.008	A	1.246	0.015	G	1.20	0.01	H	6.6800	0.0376	0.010	37	A	6.64	6.70			06278+2048	I 2	1 C P D						S	D
30758	7.735	0.009	7.786	0.010		−0.077	0.002	G	−0.06	0.00	H	7.8035	0.0011	0.010	91		7.79	7.82		C			1						S	
30759	8.823	0.013	7.767	0.009		0.914	0.015	G	0.91	0.01	H	7.8386	0.0011	0.010	110		7.82	7.86		C			1						S	
30760	6.725	0.005	6.627	0.006		0.088	0.007	T	0.10	0.01	L	6.6455	0.0010	0.008	101		6.63	6.66					1						S	
30761	8.001	0.009	8.083	0.012		−0.059	0.000	G	−0.04	0.00	H	8.0716	0.0014	0.011	102		8.05	8.09		C			1							
30762	6.493	0.004	6.536	0.004		−0.036	0.005	T	−0.01	0.01	L	6.5448	0.0011	0.007	82		6.53	6.56		C			1 G						S	
30763	10.294	0.028	9.205	0.018		0.941	0.025	T	0.93	0.02	L	9.2391	0.0020	0.017	110		9.21	9.27		C			1							
30764	9.269	0.014	8.112	0.010		0.993	0.013	T	0.97	0.01	L	8.1743	0.0013	0.016	138		8.15	8.20					1						S	
30765	9.839	0.018	8.676	0.012		0.998	0.017	T	0.98	0.01	L	8.7221	0.0018	0.021	142		8.68	8.75					1							
30766	8.928	0.017	8.829	0.020		0.090	0.015	G	0.10	0.02	H	8.8582	0.0019	0.016	56		8.83	8.88		C			1							
30767	11.351	0.072	9.331	0.022		1.673	0.060	T	1.70	0.06	L	9.2066	0.0021	0.021	106		9.17	9.25		U			1 S							
30768	10.859	0.046	8.881	0.016		1.640	0.039	T	1.66	0.04	L	8.7883	0.0020	0.017	102		8.76	8.82					1							
30769	6.266	0.006	6.221	0.007		0.041	0.008	T	0.06	0.01	L	6.2371	0.0009	0.006	43		6.23	6.25		C			1						S	
30770	10.378	0.030	9.112	0.017		1.079	0.027	T	1.04	0.02	L	9.1905	0.0020	0.018	107		9.16	9.21					1							
30771	10.784	0.092	8.844	0.029		1.610	0.077	T	1.63	0.08	L	8.7721	0.0027	0.012	35		8.76	8.79					1							
30772	4.816	0.002	5.017	0.003		−0.175	0.006	G	−0.18	0.02	A	4.9912	0.0006	0.005	95		4.98	5.00			06279−0446	I 1	1						S	
30773	8.165	0.015	7.863	0.014		0.288	0.003	G	0.33	0.00	H	7.9242	0.0019	0.012	51		7.91	7.94		C			1						S	
30774	8.858	0.017	7.704	0.012		0.991	0.016	T	0.97	0.01	L	7.7510	0.0014	0.011	56		7.74	7.77		C			1							
30775	10.428	0.033	8.647	0.014		1.514	0.030	T	2.53	0.06	O	8.4272	0.0034	0.031	106		8.37	8.47		U 2			1							
30776	7.039	0.004	7.064	0.006		−0.031	0.003	G	−0.01	0.00	H	7.0722	0.0015	0.012	116		7.05	7.10					1						S	
30777	8.435	0.011	7.821	0.010		0.572	0.013	T	0.64	0.01	L	7.8659	0.0018	0.015	102		7.84	7.89			06280+3612	I 1	1 S						S	
30778	8.995	0.013	8.472	0.012		0.491	0.016	T	0.56	0.02	L	8.5453	0.0017	0.014	117		8.52	8.57		C			1						S	
30779	9.621	0.020	7.691	0.009		1.602	0.017	T	1.62	0.02	L	7.6576	0.0014	0.011	81		7.64	7.68		C			1							
30780	9.780	0.019	7.897	0.008		1.564	0.016	T	1.58	0.02	L	7.8492	0.0016	0.016	145		7.82	7.88					1							
30781	8.929	0.021	7.846	0.014		1.030	0.015	G	1.00	0.01	H	7.9342	0.0017	0.012	36		7.92	7.96					1						S	
30782	9.187	0.014	9.149	0.018		0.040	0.020	G	0.06	0.02	H	9.1778	0.0024	0.022	119		9.12	9.22					1							
30783											T	12.6490	0.0160	0.126	103		12.36	12.97		U			1 G						D G	
30784	11.290	0.077	9.312	0.023		1.640	0.064	T	1.66	0.07	L	9.2546	0.0025	0.022	79		9.22	9.29					1 S							
30785	11.536	0.065	9.701	0.022		1.558	0.057	T	2.00	0.43	K	9.2167	0.0158	0.204	156		9.03	9.59		U 2			1 S							P
30786	7.769	0.006	7.799	0.008		−0.039	0.005	G	−0.02	0.01	H	7.7923	0.0039	0.031	162		7.76	7.85	10.74	P 1 A			1						S	
30787	10.906	0.049	9.056	0.017		1.500	0.040	G	1.50	0.10	R	8.9983	0.0019	0.019	135		8.97	9.03					1							
30788	4.269	0.002	4.446	0.002		−0.169	0.007	G	−0.16	0.02	A	4.4188	0.0007	0.004	127		4.41	4.43		M			1 S						S	
30789	7.812	0.008	7.956	0.010		−0.137	0.010	G	−0.13	0.01	H	7.9333	0.0016	0.011	91		7.92	7.95		C			1						S	
30790	10.024	0.026	8.814	0.016		1.035	0.024	T	1.01	0.02	L	8.8866	0.0015	0.016	100		8.86	8.92					1							
30791	10.448	0.024	8.608	0.010		1.530	0.021	T	1.57	0.05	L	8.5875	0.0017	0.019	190		8.55	8.63					1							
30792	9.915	0.033	8.612	0.019		1.107	0.030	T	1.07	0.03	L	8.6525	0.0022	0.015	52		8.62	8.69		C			1							
30793	7.279	0.010	7.303	0.015	*	−0.040	0.013	G	−0.02	0.01	H *	7.3682	0.0026	0.013	57	*	7.34	7.40		D	06282+0516	I 1	2 C A	AB	41	6.036	0.011	1.43	0.03	S
30794	6.167	0.002	6.047	0.002		0.103	0.002	G	0.12	0.00	H	6.0703	0.0005	0.006	278		6.06	6.09			06282+7032	I 1	1						S	
30795	7.005	0.004	6.943	0.006		0.062	0.007	T	0.07	0.01	L	6.9630	0.0008	0.008	113		6.95	6.98		C			1						S	
30796	8.889	0.011	7.702	0.007		1.017	0.010	T	0.99	0.01	L	7.7545	0.0015	0.015	164		7.73	7.78					1						S	
30797	8.930	0.013	8.649	0.014		0.266	0.020	T	0.30	0.03	L	8.7261	0.0017	0.013	114		8.70	8.75		C			1						S	
30798	6.404	0.006	6.457	0.005		−0.064	0.002	G	−0.04	0.00	H	6.4630	0.0007	0.006	61		6.45	6.47		D			1						S	
30799	8.561	0.017	8.463	0.020	*	0.096	0.024	T	0.11	0.03	L *	8.5106	0.0016	0.015	75	*	8.48	8.54		D	06283+2441	I 1	2 C A	BA	305	0.206	0.013	0.88	0.31	
30800	8.105	0.008	8.052	0.009		0.054	0.011	T	0.07	0.01	L	8.0137	0.0076	0.097	116		7.89	8.35		U 2 C			1 S						S	

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
30801		06 28 17.86	+18 28 06.8	7.71		H	97.074 399 25	+18.468 563 52		1.44	−4.72	−7.40	1.11	0.65	1.19	1.10	0.78	−12	+58	−19	−3	+16	−14	+15	−29	+4	+3	0	1.92
*30802		06 28 18.16	−34 22 50.4	8.50		H	97.075 666 82	−34.380 660 60		1.12	0.74	8.81	0.56	0.61	0.83	0.64	0.79	+4	+5	+11	−1	−3	+18	−7	−16	−6	−2	0	−0.70
*30803		06 28 18.14	−59 37 04.3	7.63		H	97.075 580 57	−59.617 863 84		8.73	21.97	−3.31	0.52	0.53	0.55	0.58	0.58	−2	−3	+9	+3	−14	+4	−14	+8	−6	−10	0	−1.44
30804		06 28 18.80	+10 18 14.4	6.16		G	97.078 321 59	+10.303 999 31		13.09	27.84	−43.74	0.82	0.57	0.88	0.79	0.62	+7	+46	−7	+12	+26	−15	+17	+7	−13	+17	0	−0.04
30805		06 28 20.29	−09 49 27.2	8.37		H	97.084 543 41	−09.824 228 18		1.82	1.76	0.28	0.81	0.59	1.05	1.05	0.81	−1	+36	−15	−43	−6	−14	+4	−54	+28	+10	0	−1.49
30806		06 28 20.36	−00 43 45.8	7.73	2	G	97.084 830 38	−00.729 390 37		7.67	−12.43	8.04	0.90	0.78	1.14	1.03	0.79	−9	+24	−48	−22	+1	−19	−8	−8	−3	−20	0	−0.12
30807		06 28 21.21	−12 51 33.1	8.95	2	H	97.088 368 26	−12.859 184 01		6.36	−4.99	−3.63	1.19	0.86	1.37	1.40	1.11	−18	+43	−14	−53	+14	−11	+19	−58	+19	−15	0	−0.74
30808		06 28 21.90	+62 42 45.0	8.16		G	97.091 261 27	+62.712 492 77		6.90	−15.93	−54.73	0.90	0.73	1.08	1.05	0.74	−6	+27	−22	+35	+21	+2	+24	−5	+8	+11	0	1.59
30809		06 28 22.40	−47 46 40.4	10.99		H	97.093 345 42	−47.777 887 56		2.25	179.41	−80.75	1.55	1.65	1.76	1.77	2.15	−10	+16	+2	−14	+14	+2	+14	−21	−2	−19	1	0.15
30810		06 28 25.67	+41 37 29.7	9.79		H	97.106 968 88	+41.624 927 99		3.81	−12.04	−15.82	1.17	0.84	1.34	1.49	0.97	+11	+27	+3	−15	−14	+8	−9	−45	+4	+20	4	−1.16
30811	H	06 28 25.68	−58 21 15.5	8.40		H	97.107 001 90	−58.354 317 89	A	1.73	6.65	−11.92	2.73	2.82	0.94	0.95	1.24	+63	+2	−4	+0	+2	−1	+5	+9	−19	+27	0	−0.65
30812		06 28 26.09	−06 32 52.4	8.05		H	97.108 721 46	−06.547 878 14		3.77	−2.49	−2.99	0.84	0.64	1.00	0.85	0.75	−27	+29	−24	−33	−7	−10	−7	−34	+19	−19	0	1.27
30813		06 28 26.87	−49 10 02.4	8.66		H	97.111 955 74	−49.167 344 19		8.33	−4.48	−119.80	0.73	0.67	0.77	0.96	0.79	−5	+1	−6	+2	−18	−3	−17	−7	+21	−14	0	−0.19
30814	H	06 28 27.54	+43 04 05.5	9.35		H	97.114 738 39	+43.068 207 88	A	−1.69	11.05	−27.26	3.48	2.71	3.71	4.15	2.75	−18	+26	−30	−22	+5	+10	+16	−53	+27	−6	1	0.36
30815		06 28 28.11	+16 14 18.6	6.24		H	97.117 120 64	+16.238 504 47		15.49	−91.15	−48.56	0.93	0.70	0.92	1.19	0.83	+40	+19	−33	−33	−52	+22	−41	−49	+23	+64	3	−3.20
*30816		06 28 28.56	+32 07 59.7	8.38		H	97.119 003 94	+32.133 256 34		2.83	2.17	−10.16	1.20	0.82	1.38	1.54	0.99	−28	+37	−15	−3	+8	+25	+15	−45	+4	−14	0	−1.16
*30817		06 28 28.53	+54 23 11.9	8.20		H	97.118 883 58	+54.386 628 83		2.15	3.10	−3.32	0.94	0.75	1.20	1.12	0.84	+5	+9	−17	+18	+33	+8	+33	−12	+6	+2	0	−1.39
30818		06 28 28.95	+34 29 33.2	7.72		H	97.120 623 80	+34.492 555 06		2.31	−0.14	−1.74	1.01	0.64	1.21	1.04	0.63	−19	+54	−44	+6	−22	+19	+6	−39	+20	+39	2	2.19
30819		06 28 29.06	+16 02 50.1	8.42		H	97.121 095 05	+16.047 254 35		1.59	−4.54	−4.65	1.16	0.97	1.24	1.50	1.06	+36	−4	−51	−46	−48	+29	−40	−55	+28	+58	0	−0.32
30820	H	06 28 29.35	+13 53 51.4	8.52		H	97.122 301 65	+13.897 608 45	A	1.18	2.50	−11.00	1.87	1.42	1.87	2.08	1.50	+5	+24	−26	−18	−3	−21	−9	−27	−11	+23	0	0.87
30821		06 28 29.44	+40 03 25.2	8.67		H	97.122 655 66	+40.057 007 55		0.80	7.54	−10.07	1.11	0.71	1.31	1.54	0.91	+9	+29	−24	+18	+12	+20	+25	−36	+29	+30	0	1.04
30822		06 28 31.69	+39 06 37.7	7.83	2	H	97.132 025 23	+39.110 476 26		5.52	−6.95	−24.81	0.84	0.55	0.93	1.07	0.65	+14	+29	−6	−2	−7	−6	−5	−38	+9	+13	0	−2.13
30823		06 28 32.15	+27 38 04.6	7.69		H	97.133 943 18	+27.634 623 90		2.16	18.75	−53.38	1.22	0.68	1.36	1.19	0.74	−41	+56	−29	+1	+1	+5	+19	−56	+21	−18	0	0.69
30824		06 28 33.06	−04 34 44.3	8.12		H	97.137 737 68	−04.578 973 69		5.36	21.73	−22.01	0.80	0.66	1.02	0.82	0.77	−28	+37	−25	−29	−2	−16	−8	−22	−5	+9	0	−0.61
30825		06 28 33.50	+77 57 34.0	7.95	2	G	97.139 574 05	+77.959 441 97		3.00	−2.79	−31.80	0.51	0.60	0.75	0.53	0.68	+12	+22	+0	−8	+1	−7	−2	−6	−14	+20	0	1.62
30826		06 28 33.60	−11 56 47.5	9.36		H	97.139 999 07	−11.946 519 11		2.15	−6.88	0.16	1.13	0.90	1.42	1.56	1.23	−5	+32	−11	−43	+6	−6	+11	−51	+22	+5	0	−0.31
30827		06 28 34.09	+30 29 35.1	5.75	3	H	97.142 036 36	+30.493 069 93		2.09	0.34	−14.95	0.79	0.58	0.89	1.12	0.71	+26	+12	−32	−20	−51	+34	−32	−55	+36	+54	2	−0.05
30828		06 28 34.56	−13 02 57.3	7.56		H	97.143 983 77	−13.049 249 41		10.79	−28.04	3.51	0.88	0.65	1.04	1.03	0.83	+8	+52	−14	−52	−14	−23	−6	−55	+16	+18	0	−0.19
30829		06 28 35.25	+67 18 55.3	9.14		H	97.146 872 65	+67.315 373 63		4.38	1.62	−31.80	0.81	0.92	1.24	0.96	0.99	−14	+20	−4	−8	−1	−10	−3	−18	−3	−22	0	0.05
*30830		06 28 35.75	−08 27 44.2	7.79		H	97.148 954 03	−08.462 265 85		11.36	−42.17	104.52	0.69	0.53	0.92	0.84	0.67	+5	+16	−17	−37	−9	−11	−5	−53	+39	−8	0	−1.18
*30831	H	06 28 35.77	−44 20 53.4	8.85		G	97.149 029 42	−44.348 157 49	A	1.95	3.05	13.68	1.18	1.22	1.22	1.13	1.41	+1	−1	+1	+1	−6	−19	−6	+2	+6	−16	2	−0.38
*30832		06 28 35.94	−01 35 22.5	7.78		G	97.149 745 30	−01.589 591 48		5.22	−3.44	9.73	1.03	0.85	1.08	0.98	0.80	+30	+19	−43	−38	−42	+2	−42	−25	+5	+25	0	−0.64
*30833		06 28 35.74	+68 11 19.4	9.58		H	97.148 914 99	+68.188 716 91		13.65	46.06	−229.03	0.78	1.02	1.48	0.80	1.20	+17	+15	−4	−23	+24	−17	+26	+16	+1	+20	0	0.94
30834		06 28 36.40	−35 15 43.8	8.54		H	97.151 667 59	−35.262 164 86		2.71	1.81	4.90	0.60	0.55	0.77	0.73	0.71	−9	+14	+9	−14	+12	+13	+10	−26	−10	−15	0	−0.45
30835		06 28 36.53	+29 16 12.5	9.95		H	97.152 208 94	+29.270 135 65		−1.05	10.06	−17.46	1.77	1.22	1.74	2.31	1.38	+41	+25	−19	−34	−63	+21	−46	−65	+23	+62	0	−0.64
30836		06 28 37.41	−17 27 57.7	5.76		G	97.155 872 29	−17.466 032 82		7.69	16.89	9.83	0.49	0.45	0.69	0.57	0.55	+9	+19	−15	−14	−12	−1	−12	−31	+17	−7	0	1.00
30837		06 28 37.98	−78 54 20.1	7.55		G	97.158 255 44	−78.905 571 33		4.72	−3.80	44.49	0.53	0.51	0.55	0.57	0.58	−11	+14	+3	+23	−5	+5	−9	+17	−19	−20	0	−0.50
30838		06 28 38.22	−00 43 15.9	6.80		H	97.159 246 10	−00.721 081 77		13.19	38.83	−6.24	0.81	0.63	0.90	0.83	0.65	−14	+26	−31	−31	+13	−9	+8	−15	−5	+0	0	−0.70
30839		06 28 38.40	+26 04 17.3	10.53		H	97.159 983 74	+26.071 478 24		3.86	5.19	−8.85	1.99	1.17	2.19	2.14	1.39	−11	+50	−21	+6	−21	+7	−9	−51	+17	−2	2	0.59
30840	H	06 28 39.24	−32 22 16.7	5.74	2	G	97.163 518 78	−32.371 297 38	A	3.96	−2.14	7.55	0.59	0.56	0.71	0.63	0.63	+8	+17	−5	+10	+5	+8	+6	−12	+10	−10	3	1.64
30841		06 28 39.35	+11 17 49.5	8.89		G	97.163 968 19	+11.297 086 46		1.46	−3.23	0.60	1.71	1.31	2.42	2.20	1.53	−28	+65	−63	−28	+47	−57	−13	+26	−47	+75	0	0.66
30842		06 28 39.50	−20 11 50.2	8.35		H	97.164 603 89	−20.197 264 48		0.70	2.90	5.39	0.56	0.62	1.07	0.58	0.66	−13	−3	−2	+52	−22	−6	−19	+23	−2	−2	0	−1.84
30843		06 28 39.54	−03 47 04.2	7.86		H	97.164 733 97	−03.784 490 68		4.30	−1.93	−9.54	0.97	0.75	1.13	0.99	0.87	−8	+44	−37	−30	−2	−16	−11	−21	−6	+29	0	0.35
30844		06 28 39.83	+50 31 05.4	9.64		H	97.165 977 99	+50.518 172 39		3.96	2.14	−4.10	3.24	2.50	3.81	3.99	2.71	−20	+21	+9	−8	+42	+15	+35	−21	−5	−29	0	
30845		06 28 40.33	−50 04 52.8	8.26		H	97.168 058 84	−50.081 323 91		5.95	−23.73	−22.04	0.61	0.62	0.66	0.79	0.75	+7	+8	−13	−22	−9	+11	−7	−25	+8	+10	0	1.02
30846		06 28 41.27	−38 34 13.7	9.06		G	97.171 938 10	−38.570 468 87		16.97	1.77	−193.55	0.83	0.89	1.11	1.02	1.27	−13	+16	−11	+4	+0	+27	+7	−53	+6	−4	0	−0.82
30847		06 28 41.33	−19 41 28.5	9.13		H	97.172 194 77	−19.691 253 29		2.90	−9.47	6.65	0.76	0.84	1.36	0.97	1.18	−23	+21	+2	+33	+5	+10	+1	−15	+9	−35	0	−0.67
30848		06 28 41.85	−62 33 27.8	8.50		H	97.174 395 18	−62.557 722 19		1.03	11.12	−36.09	0.73	0.73	0.77	0.82	0.83	−15	+15	−3	−6	−6	−4	−4	−5	+8	−37	0	1.50
30849		06 28 42.40	−41 04 29.7	6.32		H	97.176 647 73	−41.074 911 08		12.37	39.62	13.94	0.51	0.49	0.55	0.61	0.68	+16	+14	−2	−6	−18	+19	−16	−37	−4	+14	0	0.29
30850		06 28 42.72	+34 51 53.0	7.16		H	97.178 013 22	+34.864 712 01		2.72	−2.70	−16.61	0.82	0.56	0.91	1.06	0.70	+8	+23	−21	−1	−29	+12	−20	−34	+20	+16	2	1.65
30851		06 28 42.80	−28 14 15.0	8.69		H	97.178 329 70	−28.237 493 69		2.35	6.92	1.71	0.62	0.69	1.03	0.75	0.81	+5	+4	+10	−10	−13	+11	−13	−9	+8	+3	0	−1.29
30852		06 28 42.91	−06 58 12.1	7.55		G	97.178 800 96	−06.970 030 70		5.14	−5.31	−2.13	0.74	0.50	0.91	0.90	0.69	−31	+33	−15	−37	+5	−29	+7	−52	+16	−19	0	1.74
30853		06 28 43.18	−49 17 07.0	8.02		G	97.179 896 79	−49.285 278 77		2.23	−0.09	6.04	0.66	0.58	0.67	0.77	0.67	+8	−3	−16	−16	−20	+11	−18	−7	+17	+3	0	2.52
30854		06 28 43.56	+35 15 43.2	8.47	1	H	97.181 479 30	+35.262 010 26	A	2.69	−4.61	−31.47	2.02	1.30	2.05	2.35	1.53	+26	+28	−8	−11	−15	+3	−12	−40	+21	+16	3	1.08
30855		06 28 43.81	+30 17 07.5	8.96		H	97.182 534 77	+30.285 429 99		7.05	−3.91	−19.25	1.44	1.03	1.50	2.12	1.26	+39	+9	−32	−38	−63	+39	−50	−65	+32	+51	0	1.16
30856		06 28 44.94	−09 03 23.7	9.05		H	97.187 265 01	−09.056 587 91		3.87	−10.75	0.85	0.90	0.77	1.26	1.03	0.94	+17	+26	−12	−36	−5	−18	−4	−63	+36	−6	0	1.05
30857		06 28 45.03	+25 37 15.3	8.55		G	97.187 615 56	+25.620 921 82		0.32	−0.61	−2.39	1.16	0.71	1.27	1.25	0.83	−16	+47	−20	+7	−14	+8	−3	−48	+15	−4	0	−0.90
30858		06 28 45.50	−28 00 00.4	8.03		H	97.189 597 38	−28.000 098 98		2.80	−2.19	−12.24	0.54	0.60	0.87	0.64	0.75	−1	+1	+4	−17	−8	+10	−10	−24	+3	−6	0	−1.00
30859		06 28 45.52	+67 36 55.1	10.77		H	97.189 654 04	+67.615 298 58		0.41	−8.31	−16.83	1.23	1.45	2.05	1.40	1.63	−14	+15	−4	−14	+2	−11	+0	−9	−11	−24	1	−0.04
*30860		06 28 45.74	+38 57 47.1	7.89		H	97.190 596 48	+38.963 092 96		20.43	−43.80	−53.45	0.87	0.55	0.98	1.03	0.64	+11	+34	−2	−2	−10	−12	−10	−36	+6	+2	0	0.10
*30861		06 28 45.72	−55 55 01.9	8.27		G	97.190 504 11	−55.917 191 02		2.30	2.11	13.86	0.61	0.60	0.62	0.66	0.75	−1	+20	−5	+25	−7	+8	−9	+36	−16	−9	2	−1.32
30862		06 28 46.24	+36 28 49.9	7.15		G	97.192 684 26	+36.480 519 61		38.98	−292.16	−220.03	0.76	0.50	0.90	0.98	0.64	+16	+16	−3	−1	−22	−15	−21	−31	+22	+3	0	−1.15
30863		06 28 47.06	−00 34 20.7	6.52		H	97.196 099 35	−00.572 406 64		0.16	−1.70	−0.59	0.79	0.60	0.91	0.71	0.58	−1	+38	−29	−36	−2	−22	−12	−16	−10	+16	0	1.23
30864		06 28 47.46	+06 12 01.4	9.17		G	97.197 730 46	+06.200 384 09		5.75	2.70	−13.43	1.73	1.38	1.89	1.83	1.57	−39	+20	−25	−35	+32	−24	+31	−39	−29	+24	0	−0.38
30865		06 28 47.97	−08 28 47.2	8.27		H	97.199 893 96	−08.479 764 10		1.61	−2.54	2.82	0.75	0.62	1.06	0.91	0.78	+4	+13	−30	−38	−15	+1	−8	−62	+46	+1	0	−0.24
30866		06 28 48.93	+10 14 20.0	9.06		H	97.203 888 95	+10.238 901 96		3.56	4.76	−2.61	1.20	0.90	1.33	1.33	1.08	−4	+37	−8	−3	+17	−18	+10	−5	−10	−14	0	0.50
30867	H	06 28 49.07	−07 01 59.0	3.76	2	G	97.204 475 48	−07.033 050 42	A	4.72	−7.00	−4.97	1.14	0.81	1.10	1.16	0.94	−45	+15	−10	−36	+5	+6	+15	−61	+13	−8	5	1.98
30868		06 28 50.09	−68 07 49.1	9.28		H	97.208 687 54	−68.130 295 37		3.46	−3.99	19.83	0.81	0.83	0.89	0.84	1.01	−10	+28	+0	+9	−3	+9	−12	−5	−27	−21	0	−1.25
30869		06 28 50.54	+52 26 55.3	6.94		H	97.210 587 71	+52.448 707 60		5.93	12.62	23.60	0.75	0.52	0.90	0.83	0.64	+3	+36	−5	+25	+17	−10	+22	+8	+24	−5	0	3.08
30870		06 28 51.29	−38 18 55.2	8.31		G	97.213 700 14	−38.315 325 23		7.17	−12.25	45.79	0.67	0.70	0.86	0.89	1.05	−16	+11	−6	+0	+1	+18	+2	−49	+1	−14	0	0.36
30871		06 28 51.36	−02 30 34.1	7.97		H	97.213 981 42	−02.509 480 20		3.45	1.15	−12.42	0.99	0.79	1.04	1.15	0.98	+33	+28	−11	−20	−17	−19	−24	−19	−18	+42	0	0.19
30872		06 28 51.66	+02 08 20.5	9.15		H	97.215 257 37	+02.139 034 46		1.47	2.07	−0.36	1.22	0.89	1.38	1.37	1.03	−19	+43	−30	−27	+18	−26	+8	−22	−4	−9	0	−0.89
30873		06 28 52.04	−45 46 39.6	7.60		H	97.216 849 41	−45.777 659 95		4.10	−13.66	11.31	0.56	0.56	0.63	0.68	0.75	−4	+2	−11	−3	+8	+5	+9	−5	−8	−5	0	−0.29
30874		06 28 52.36	+00 07 40.7	6.56		H	97.218 159 93	+00.127 969 28		1.33	0.68	−4.83	0.74	0.58	0.86	0.75	0.61	+8	+34	−31	−19	+21	−26	+6	+0	−19	+48	0	0.32
30875		06 28 52.70	−37 20 29.2	8.18	2	H	97.219 591 48	−37.341 450 79		0.84	−0.91	16.00	0.58	0.59	0.75	0.63	0.91	−13	+13	+2	+11	+0	+6	−2	−21	−6	−14	0	−1.53
30876	H	06 28 53.71	+49 43 33.4	8.89		H	97.223 789 00	+49.725 940 70	A	4.09	0.87	−8.83	1.91	1.36	2.04	2.05	1.35	−23	+24	−3	+6	+32	−6	+35	−15	+11	−51	1	0.71
30877		06 28 54.56	+41 11 41.8	9.26		H	97.227 335 29	+41.194 946 39		1.16	2.97	−2.18	1.08	0.73	1.26	1.32	0.82	−9	+31	−17	+11	+0	+14	+12	−33	+17	+14	0	−2.29
30878		06 28 54.95	+52 07 33.3	7.25	2	G	97.228 949 11	+52.125 903 25		13.73	−59.39	−19.01	0.74	0.52	0.89	0.79	0.58	+5	+38	+6	+33	+14	+0	+16	+2	+16	−5	0	0.39
30879		06 28 54.97	+77 54 26.4	8.19		G	97.229 025 12	+77.907 345 07		13.74	19.58	−54.61	0.98	1.15	1.41	1.06	1.34	+11	+13	−10	−10	−2	+2	−3	−12	−7	+12	0	
30880		06 28 56.33	+26 58 03.5	6.57		H	97.234 706 29	+26.967 645 19		21.82	80.73	−77.54	0.92	0.53	1.03	1.10	0.66	−20	+39	−19	+16	−14	−3	−6	−41	+23	−19	0	0.87
30881	H	06 28 56.36	−11 15 46.3	7.78		G	97.234 844 26	−11.262 848 63	A	1.50	−6.16	3.93	1.45	1.31	1.17	1.24	1.02	+2	+14	−11	−50	−5	+0	−1	−51	+30	+20	1	0.44
30882		06 28 56.53	−59 46 23.0	7.68		G	97.235 526 91	−59.773 058 59		3.17	2.56	21.45	0.56	0.58	0.59	0.61	0.61	−1	−7	+10	+8	−16	+5	−15	+11	−7	−11	0	−0.35
30883		06 28 57.79	+20 12 43.8	4.13	1	H	97.240 793 61	+20.212 167 20		6.49	−5.98	−14.08	0.99	0.63	1.06	0.95	0.71	+6	+56	−20	+2	+4	−1	+15	−20	+16	+33	0	0.12
30884		06 28 58.79	−42 17 32.8	8.09		G	97.244 977 13	−42.292 433 33		5.40	0.64	43.46	0.55	0.62	0.65	0.65	0.76	+3	+6	+6	+6	−6	+1	−5	+16	−7	+4	0	0.56
30885		06 28 59.62	−47 30 05.9	8.87		H	97.248 397 40	−47.501 641 87		6.47	17.66	21.67	0.79	0.77	0.86	0.93	0.91	−4	+8	+9	+22	−1	+6	−6	−17	−12	−14	3	−1.38
30886		06 29 00.17	+11 01 09.3	6.59		H	97.250 693 48	+11.019 242 11		16.45	1.91	−13.32	0.93	0.61	1.02	0.81	0.62	+12	+52	−13	−1	+20	−16	+7	−8	−21	+42	0	1.84
30887		06 29 00.73	−80 32 19.6	8.91		H	97.253 058 19	−80.538 788 99		4.75	2.41	22.11	0.71	0.70	0.74	0.85	0.96	−5	+17	+1	−21	+7	−5	+6	−29	+4	−21	0	0.80
30888		06 29 01.25	−45 21 56.6	10.76		G	97.255 200 42	−45.365 708 57		30.20	190.81	−288.77	1.23	1.20	1.39	1.35	1.61	−6	−3	−4	−16	+7	−8	+9	−4	−7	−11	0	0.95
30889		06 29 03.76	−41 37 33.5	8.47		H	97.265 662 71	−41.625 978 20		1.54	5.13	−13.58	0.60	0.64	0.75	0.73	0.96	−4	+9	−4	−5	−8	+15	−7	−14	+1	+14	0	−0.20
30890		06 29 03.77	+17 44 44.3	7.61		G	97.265 718 60	+17.745 629 99		20.93	−123.00	−165.74	1.12	0.68	1.23	1.09	0.79	−31	+62	−37	−7	+18	−16	+10	−22	−2	−7	3	−0.06
30891		06 29 04.66	−05 34 20.4	8.24	2	H	97.269 414 24	−05.572 326 54		3.45	−0.07	16.51	0.80	0.56	0.96	0.91	0.75	−30	+32	−6	−27	−12	−11	−14	−27	+5	−11	0	−0.02
30892		06 29 05.46	+76 59 46.6	8.60		H	97.272 754 93	+76.996 267 41		9.71	4.49	−43.96	0.58	0.75	0.90	0.61	0.92	+13	+20	+4	+8	−2	−2	+0	−5	+3	+18	0	0.96
30893		06 29 05.69	+27 00 35.6	8.59		G	97.273 706 02	+27.009 893 42		33.96	−247.32	−418.83	1.24	0.80	1.46	1.44	0.91	−23	+37	−32	+0	−16	+17	+3	−59	+27	−3	2	1.05
30894		06 29 05.85	+73 17 52.8	9.44		H	97.274 367 61	+73.297 993 84		2.15	1.25	12.85	0.73	0.88	1.26	0.77	0.97	+6	+10	−7	+28	+5	+9	+8	+4	+12	+13	0	−0.75
30895		06 29 07.08	−40 22 19.0	7.57		H	97.279 506 27	−40.371 947 33		3.88	44.88	25.91	0.52	0.49	0.64	0.54	0.64	−3	−2	−7	−9	−4	+19	−4	−21	+0	−2	1	0.86
30896		06 29 08.59	−42 40 28.1	7.91		H	97.285 778 72	−42.674 471 88		3.04	−9.97	13.88	0.55	0.51	0.65	0.56	0.68	−5	+5	−4	+1	−6	−5	−8	+5	−10	−4	0	−1.10
30897	H	06 29 08.86	+39 28 03.8	9.76		H	97.286 906 54	+39.467 712 16	*	3.71	4.50	−23.07	1.39	0.93	1.62	1.96	1.20	+7	+22	−9	−5	+0	+6	+5	−43	+10	+17	0	0.07
30898		06 29 09.18	+01 21 28.2	8.22		H	97.288 269 07	+01.357 839 15		6.82	−6.02	−0.04	0.98	0.76	1.16	1.24	0.94	−5	+24	−21	+10	+3	−17	−11	+1	−25	−21	0	−1.68
30899		06 29 09.36	+54 36 42.6	7.71		H	97.288 983 87	+54.611 822 55		6.44	−6.91	4.67	0.89	0.67	1.13	1.04	0.73	+11	+11	−18	+31	+29	−11	+24	−10	+18	+0	0	−1.21
30900		06 29 09.55	+17 29 47.8	7.80		H	97.289 800 21	+17.496 602 56		2.88	−9.06	−16.51	1.14	0.68	1.27	1.10	0.77	−22	+62	−35	+4	+5	−14	+5	−13	+5	+6	0	−0.51

No.	Tycho Magnitudes					Colour Indices							Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag			Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3		44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
30801	9.207	0.024	7.832	0.014		1.183	0.035	G	1.19	0.03	H		7.8749	0.0021	0.012	47		7.86	7.89		R			1							S
30802	10.336	0.030	8.622	0.013		1.431	0.026	T	1.42	0.04	L		8.6418	0.0012	0.015	134		8.61	8.67					1							
30803	8.200	0.008	7.687	0.009		0.513	0.004	G	0.59	0.00	H		7.7432	0.0012	0.012	114		7.72	7.76		C			1							S
30804	7.665	0.011	6.284	0.006		1.150	0.003	G	1.03	0.04	E		6.3282	0.0013	0.008	48		6.31	6.34		C			1							S
30805	9.557	0.015	8.465	0.011		0.944	0.014	T	0.93	0.01	L		8.5306	0.0013	0.015	157		8.50	8.56					1							
30806	8.328	0.015	7.820	0.015		0.500	0.015	G	0.57	0.02	H		7.8584	0.0037	0.025	62		7.84	7.99		U 2 C			1							S P
30807	9.316	0.015	8.993	0.016		0.330	0.015	G	0.38	0.02	H		9.0259	0.0027	0.030	107		8.96	9.06		U 2			1							P
30808	8.608	0.011	8.188	0.012		0.401	0.015	G	0.47	0.02	H		8.2459	0.0012	0.017	86		8.22	8.28		D			1							S
30809	11.679	0.119	10.877	0.085		0.726	0.112	T	0.78	0.08	L		11.1498	0.0050	0.045	96		11.07	11.22		C			1 S							G
30810	10.250	0.034	9.827	0.036		0.400	0.046	T	0.47	0.05	L		9.8804	0.0031	0.024	94		9.84	9.93					1							G
30811	9.820	0.022	8.516	0.013	*	1.108	0.020	T	1.07	0.02	L	*	8.5660	0.0017	0.017	113	*	8.54	8.60		D	06284−5821	I 1	2 C A	AB	225	0.302	0.003	0.07	0.06	
30812	7.985	0.007	8.040	0.008		−0.040	0.015	G	−0.02	0.01	H		8.0471	0.0014	0.015	151		8.03	8.08					1							S
30813	9.284	0.017	8.729	0.016		0.525	0.017	T	0.60	0.02	L		8.7787	0.0015	0.016	93		8.75	8.81					1							
30814	10.491	0.041	9.670	0.033	A						T	*	9.4980	0.0018	0.022	96	*	9.46	9.54		D	06285+4304	I 1	2 C A	AB	333	1.736	0.005	0.57	0.02	
30815	7.367	0.008	6.339	0.005		0.894	0.012	G	0.85	0.04	E		6.3989	0.0007	0.006	56		6.39	6.41		C			1							S
30816	9.750	0.023	8.489	0.014		1.075	0.021	T	1.04	0.02	L		8.5514	0.0026	0.016	71		8.53	8.58					1							
30817	10.205	0.030	8.347	0.013		1.545	0.026	T	1.61	0.06	L		8.3165	0.0029	0.017	87		8.29	8.34					1							
30818	7.927	0.010	7.744	0.010		0.175	0.013	T	0.19	0.01	L		7.7801	0.0014	0.010	76		7.77	7.80		C			1							S
30819	10.240	0.042	8.557	0.019		1.406	0.036	T	1.38	0.04	L		8.5639	0.0030	0.017	63		8.54	8.59		C			1							
30820	10.815	0.075	8.811	0.023	A	1.639	0.218	G	1.71	0.26	K	*	8.6249	0.0022	0.014	52	*	8.60	8.66		D	06285+1354	I 1	2 C A	AB	292	8.441	0.017	2.17	0.08	
30821	10.621	0.042	8.816	0.016		1.503	0.036	T	1.53	0.05	L		8.8019	0.0021	0.014	79		8.78	8.82		C			1							
30822	8.243	0.011	7.883	0.013		0.347	0.015	G	0.41	0.02	H		7.9165	0.0034	0.040	94		7.84	7.97	0.14	P 1 A			1							S P
30823	9.264	0.017	7.832	0.010		1.208	0.015	T	1.17	0.01	L		7.8537	0.0017	0.011	92		7.84	7.87					1							
30824	8.526	0.013	8.143	0.013		0.350	0.000	G	0.41	0.00	H		8.1999	0.0011	0.011	95		8.18	8.22					1							
30825	9.131	0.011	8.074	0.007		0.917	0.010	T	0.92	0.01	L		8.1187	0.0020	0.024	164		8.09	8.17		U 2			1							S
30826	10.771	0.037	9.442	0.021		1.128	0.033	T	1.09	0.03	L		9.5276	0.0027	0.024	110		9.49	9.57					1							
30827	6.702	0.063	5.830	0.041		0.779	0.056	T	0.81	0.04	L		5.9029	0.0372	0.278	68		5.08	5.95	3.73	P 1 A			1							S
30828	7.919	0.007	7.589	0.008		0.304	0.006	G	0.35	0.01	H		7.6337	0.0012	0.010	115		7.62	7.65					1 G							S
30829	9.584	0.014	9.171	0.015		0.398	0.015	G	0.46	0.02	H		9.2343	0.0023	0.024	120		9.19	9.27					1							
30830	8.331	0.008	7.848	0.008		0.478	0.015	G	0.55	0.02	H		7.8946	0.0011	0.014	185		7.87	7.92					1							S
30831	8.890	0.012	8.930	0.015	A	−0.008	0.004	G	0.01	0.00	H	*	8.8564	0.0018	0.016	129	*	8.83	8.89		D	06286−4421	I 1	2 C A	AB	20	1.410	0.013	1.94	0.04	
30832	7.670	0.009	7.750	0.013		−0.072	0.015	G	−0.05	0.01	H		7.7624	0.0018	0.012	58		7.74	7.78					1							S
30833	10.418	0.026	9.676	0.021		0.679	0.027	T	0.74	0.02	L		9.7166	0.0020	0.031	169		9.65	9.78					1							
30834	8.653	0.010	8.570	0.012		0.075	0.014	T	0.09	0.01	L		8.5680	0.0017	0.014	122		8.55	8.59		C			1							
30835	10.335	0.039	9.940	0.043		0.386	0.049	T	0.45	0.05	L		10.0375	0.0027	0.025	81		10.00	10.08					1							G
30836	7.203	0.005	5.888	0.003		1.118	0.003	G	1.11	0.04	E		5.9273	0.0007	0.006	122		5.92	5.94		C			1							S
30837	7.924	0.006	7.571	0.007		0.327	0.001	G	0.38	0.00	H		7.6340	0.0008	0.010	124		7.62	7.65			06287−7854	I 1	1							S
30838	7.366	0.007	6.870	0.007		0.495	0.003	G	0.57	0.00	H		6.9116	0.0009	0.007	58		6.90	6.93		C			1							S
30839	10.887	0.058	10.448	0.067		0.414	0.082	T	0.48	0.09	L		10.6181	0.0025	0.025	80		10.57	10.65					1							G
30840	5.540	0.006	5.724	0.007	A	−0.160	0.002	G	−0.16	0.00	H	*	5.6710	0.0030	0.024	132	*	5.64	5.72		U 2	06287−3222	I 1	2 C A	AB	43	1.202	0.004	1.79	0.02	S P
30841	8.903	0.022	8.892	0.029		0.057	0.002	G	0.07	0.00	H		8.9165	0.0030	0.014	39		8.89	8.94					1							
30842	9.609	0.013	8.447	0.009		0.997	0.012	T	0.98	0.01	L		8.5142	0.0014	0.017	204		8.48	8.55					1							
30843	7.855	0.011	7.886	0.015		−0.024	0.017	T	0.00	0.02	L		7.8659	0.0009	0.010	54		7.84	7.88		D			1							S
30844	9.630	0.022	9.611	0.029		0.022	0.034	T	0.04	0.03	L		9.6528	0.0025	0.022	86		9.61	9.69		C			1 X							G
30845	8.974	0.016	8.342	0.014		0.582	0.016	T	0.65	0.01	L		8.3885	0.0015	0.011	90		8.37	8.41					1							S
30846	9.996	0.025	9.098	0.018		0.747	0.015	G	0.79	0.01	H		9.1985	0.0029	0.024	103		9.16	9.24					1							
30847	9.374	0.015	9.165	0.017		0.200	0.021	T	0.22	0.02	L		9.1909	0.0023	0.027	135		9.14	9.24					1							
30848	10.057	0.025	8.590	0.013		1.236	0.022	T	1.19	0.02	L		8.6598	0.0022	0.014	96		8.63	8.68					1							
30849	6.771	0.005	6.366	0.004		0.390	0.003	G	0.46	0.00	H		6.4123	0.0006	0.006	113		6.40	6.42					1 G							S
30850	7.263	0.006	7.173	0.008		0.088	0.009	T	0.10	0.01	L		7.1978	0.0012	0.008	73		7.19	7.22					1							S
30851	9.850	0.017	8.777	0.012		0.929	0.016	T	0.92	0.01	L		8.8494	0.0020	0.022	154		8.81	8.89					1							
30852	7.475	0.005	7.546	0.006		−0.058	0.002	G	−0.04	0.00	H		7.5400	0.0010	0.010	161		7.53	7.56		C			1							S
30853	7.962	0.010	7.998	0.013		−0.041	0.003	G	−0.02	0.00	H		8.0136	0.0014	0.012	92		8.00	8.04		C			1							S
30854	9.029	0.017	8.497	0.016	A	0.499	0.021	T	0.57	0.02	L		8.5749	0.0093	0.021	86	A	8.55	8.62		U	06287+3516	I 1	2 C B	AB	79	15.078	0.051	2.70	0.11	
30855	9.287	0.021	8.973	0.022		0.300	0.033	T	0.34	0.04	L		9.0422	0.0023	0.014	67		9.02	9.07		C			1							
30856	9.159	0.010	9.065	0.012		0.092	0.015	T	0.10	0.02	L		9.0919	0.0020	0.023	186		9.05	9.14		C			1							
30857	8.548	0.011	8.536	0.014		0.000	0.015	G	0.02	0.01	H		8.5624	0.0013	0.015	87		8.54	8.58		C			1							
30858	9.372	0.014	8.147	0.009		1.047	0.013	T	1.02	0.01	L		8.1945	0.0017	0.019	152		8.17	8.22					1							S
30859	11.707	0.083	10.920	0.065		0.714	0.082	T	0.77	0.07	L		10.9162	0.0032	0.036	125		10.86	10.98		C			1							G
30860	8.825	0.013	7.959	0.010		0.740	0.015	G	0.79	0.01	H		8.0298	0.0016	0.012	101		7.99	8.06					1							S
30861	8.207	0.008	8.239	0.011		−0.047	0.002	G	−0.03	0.00	H		8.2669	0.0012	0.010	108		8.25	8.29		C			1							S
30862	7.899	0.009	7.217	0.006		0.613	0.013	G	0.68	0.01	H		7.2723	0.0012	0.009	106		7.25	7.29		C			1							S
30863	7.514	0.008	6.635	0.007		0.784	0.008	T	0.82	0.01	L		6.6688	0.0009	0.007	54		6.66	6.68		C			1							S
30864	9.609	0.037	9.201	0.038		0.325	0.015	G	0.38	0.02	H		9.2556	0.0041	0.016	37		9.22	9.29					1 S							
30865	8.217	0.006	8.257	0.008		−0.040	0.015	G	−0.02	0.01	H		8.2627	0.0012	0.015	183		8.24	8.30		C			1							
30866	10.595	0.059	9.212	0.029		1.170	0.052	T	1.13	0.05	L		9.2234	0.0022	0.017	54		9.19	9.25					1							
30867	3.600	0.003	3.742	0.002	*	−0.113	0.033	G	−0.11	0.02	A	*	3.7921	0.0021	0.022	159	−	3.77	3.84		U 2	06288−0702	I 1	3 C B							S G
30868	9.831	0.021	9.293	0.020		0.504	0.026	T	0.58	0.03	L		9.3895	0.0020	0.017	97		9.34	9.42		C			1							
30869	8.192	0.010	7.072	0.007		0.965	0.010	T	0.95	0.01	L		7.1009	0.0009	0.009	84		7.09	7.12		D	06288+5227	I 1	1 S							S
30870	8.661	0.011	8.334	0.011		0.311	0.015	G	0.36	0.02	H		8.3941	0.0015	0.014	102		8.37	8.42					1							
30871	9.471	0.021	8.109	0.013		1.154	0.019	T	1.12	0.02	L		8.1351	0.0020	0.014	61		8.11	8.15		C			1 S							
30872	9.227	0.017	9.168	0.022		0.059	0.026	T	0.07	0.02	L		9.1698	0.0019	0.015	55		9.14	9.19		C			1							
30873	7.725	0.007	7.611	0.010		0.103	0.011	T	0.12	0.01	L		7.6402	0.0009	0.008	113		7.63	7.65			06289−4547	I 1	1							S
30874	6.513	0.006	6.561	0.007		−0.039	0.008	T	−0.02	0.01	L		6.5546	0.0012	0.006	55		6.54	6.57					1							S
30875	10.328	0.028	8.404	0.011		1.631	0.025	T	2.39	0.05	O		8.2135	0.0049	0.042	127		8.15	8.27		U 2			1 S							P
30876	9.183	0.014	9.003	0.017	A	0.000	0.495	G	0.14	0.04	L	*	8.9388	0.0021	0.016	100	*	8.91	8.97		D	06289+4944	I 1	2 C A	AB	5	1.316	0.008	1.61	0.06	
30877	10.952	0.047	9.414	0.022		1.292	0.041	T	1.25	0.04	L		9.4154	0.0024	0.019	98		9.38	9.45		C			1							
30878	7.780	0.010	7.309	0.012		0.444	0.014	T	0.51	0.01	L		7.3553	0.0013	0.013	91		7.33	7.59		U 2 C			1							S P
30879	8.728	0.009	8.262	0.008		0.439	0.011	T	0.51	0.01	L		8.2917	0.0014	0.015	160		8.27	8.32		D			1 X							S
30880	7.206	0.005	6.641	0.006		0.554	0.006	G	0.63	0.01	H		6.6906	0.0005	0.006	88		6.68	6.70		C			1							S
30881	7.732	0.006	7.755	0.007	*	−0.027	0.004	G	−0.01	0.00	H	*	7.7689	0.0011	0.011	120	*	7.75	7.79		D	06289−1116	H 1	2 C B	AB	37	0.353	0.030	3.59	0.14	S
30882	9.316	0.015	7.816	0.008		1.286	0.015	G	1.25	0.02	H		7.8452	0.0015	0.010	106		7.83	7.86					1							S
30883	3.988	0.003	4.120	0.003		−0.115	0.004	T	−0.10	0.01	L		4.0992	0.0016	0.008	43		4.09	4.11		M	06290+2013	I 1	1 S							S
30884	8.690	0.011	8.132	0.010		0.548	0.015	G	0.62	0.01	H		8.2044	0.0012	0.011	116		8.19	8.22		C			1 G							S
30885	9.620	0.019	8.948	0.017		0.611	0.019	T	0.68	0.02	L		8.9956	0.0023	0.017	107		8.96	9.03					1							
30886	6.932	0.006	6.619	0.009		0.293	0.013	G	0.33	0.02	H		6.6665	0.0009	0.007	43		6.65	6.68					1							S
30887	9.455	0.017	8.951	0.016		0.474	0.021	T	0.55	0.02	L		9.0164	0.0015	0.013	105		8.99	9.04		C			1							
30888						1.340	0.004	G	1.55	0.01	I		10.8616	0.0043	0.031	113		10.80	10.92					1							G
30889	9.830	0.020	8.591	0.012		1.057	0.018	T	1.02	0.01	L		8.6398	0.0013	0.013	118		8.62	8.67					1							
30890	8.330	0.015	7.669	0.011		0.621	0.015	G	0.69	0.01	H		7.7407	0.0013	0.008	51		7.73	7.76					1							S
30891	9.414	0.013	8.390	0.010		0.892	0.012	T	0.90	0.01	L		8.3974	0.0044	0.049	137		8.36	8.51	29.97	P 1 A			1 S							
30892	9.172	0.011	8.649	0.011		0.491	0.014	T	0.56	0.01	L		8.7070	0.0020	0.018	149		8.67	8.74					1							
30893	9.667	0.022	8.693	0.016		0.906	0.016	G	0.95	0.02	I		8.7226	0.0020	0.015	89		8.69	8.75					1							
30894	11.216	0.045	9.583	0.018		1.367	0.038	T	1.34	0.05	L		9.5957	0.0021	0.027	178		9.55	9.64		C			1 S							
30895	9.213	0.013	7.710	0.007		1.264	0.012	T	1.22	0.01	L		7.7273	0.0014	0.011	135		7.71	7.74		C	06292−4023	I 2	1							S
30896	8.982	0.013	8.015	0.009		0.850	0.012	T	0.86	0.01	L		8.0669	0.0012	0.015	117		8.05	8.10					1							
30897	10.303	0.037	9.858	0.036	*	0.420	0.048	T	0.49	0.05	L	*	9.8576	0.0031	0.022	85	*	9.82	9.89		C	06291+3928	H 1	2 C S B	AB	193	0.155	0.050	1.36	0.87	G
30898	8.397	0.016	8.213	0.018		0.176	0.023	T	0.19	0.03	L		8.2762	0.0022	0.019	48		8.25	8.31					1							
30899	9.207	0.015	7.838	0.009		1.159	0.014	T	1.12	0.01	L		7.8780	0.0017	0.012	85		7.86	7.90		C			1							S
30900	9.859	0.029	8.006	0.012		1.570	0.015	G	1.54	0.01	J		7.9214	0.0015	0.009	54		7.90	7.94		C			1							

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion μα* mas/yr 12	μδ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	μα* mas/yr 17	μδ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	μα*/α* 22	μα*/δ 23	μα*/π 24	μδ/α* 25	μδ/δ 26	μδ/π 27	μδ/μα* 28	Soln F1 % 29	F2 30
30901		06 29 10.31	−64 14 14.5	8.85		G	97.292 975 16	−64.237 373 42		2.41	−7.40	7.14	0.62	0.69	0.68	0.68	0.94	−9	+10	−7	+17	−5	+14	−5	+15	−10	−8	1	−0.71
30902		06 29 11.26	+44 53 38.8	8.82		H	97.296 907 62	+44.894 112 74		3.19	−3.93	−4.43	1.02	0.68	1.09	1.35	0.78	+16	+25	−6	+13	−12	−5	−2	−22	−6	+46	2	1.49
30903		06 29 11.97	−26 07 07.9	7.89	2	H	97.299 888 84	−26.118 847 50		0.73	14.74	7.56	0.53	0.59	0.94	0.69	0.68	+1	+2	+6	+6	−19	+20	−19	+13	+3	+10	0	1.59
30904		06 29 12.11	−40 22 48.9	7.88		G	97.300 472 71	−40.380 256 66		3.08	−9.65	−1.19	0.56	0.53	0.69	0.58	0.72	−3	−2	−11	−8	−2	+19	+1	−23	−3	+0	1	2.59
30905		06 29 13.07	+10 56 02.6	8.10		H	97.304 455 02	+10.934 043 77		27.67	206.14	−62.69	1.16	0.81	1.29	1.11	0.86	+5	+47	−22	+0	+19	−16	+9	−9	−20	+39	0	−0.16
30906		06 29 14.81	+02 38 46.6	6.17	2	H	97.311 720 04	+02.646 291 52		3.83	−2.20	−39.94	0.71	0.57	0.86	0.75	0.62	−5	+31	−31	−14	+2	−17	−6	−9	−7	+5	0	−1.02
30907		06 29 14.88	−73 35 22.1	9.35		H	97.311 991 63	−73.589 476 41		2.02	−0.13	−3.36	0.83	0.83	0.90	0.83	0.98	−4	+28	+2	−8	−4	+9	−6	+1	−14	−28	0	−0.08
30908		06 29 15.31	−14 21 28.0	9.36		H	97.313 778 46	−14.357 776 46		0.83	3.65	−3.63	1.13	0.97	1.44	1.30	1.23	−16	+25	−22	−28	+4	+2	+12	−43	+31	−4	0	−1.75
30909		06 29 15.40	−08 06 02.4	8.12	2	H	97.314 170 04	−08.100 653 10		0.76	−1.92	−0.75	0.86	0.65	0.96	1.13	0.88	−26	+5	+0	−56	+23	−8	+22	−62	+15	−38	0	0.60
30910		06 29 15.99	−14 12 56.4	8.31		H	97.316 606 97	−14.215 675 69		1.80	−7.18	4.10	0.77	0.67	1.05	0.94	0.86	+1	+29	−27	−19	−11	+4	+3	−46	+34	+19	0	−0.56
30911		06 29 17.21	+39 38 53.5	7.89		G	97.321 705 88	+39.648 198 07		9.05	7.87	−105.76	0.94	0.63	1.06	1.27	0.76	+5	+24	−1	−5	+10	+12	+10	−44	+0	+10	0	−0.77
30912		06 29 17.65	−36 51 05.9	9.14		H	97.323 538 90	−36.851 652 50		0.93	−7.91	8.38	0.72	0.73	0.93	0.75	1.08	−6	−1	−1	−6	−2	+1	−3	−18	−3	−4	0	−0.40
30913		06 29 18.36	−26 30 01.8	8.65		H	97.326 506 34	−26.500 488 30		1.80	−4.67	9.75	0.61	0.69	1.03	0.75	0.79	+0	−1	+9	+5	−21	+7	−21	+9	+7	+11	1	1.40
30914	H	06 29 18.44	+12 32 51.3	8.45		G	97.326 836 72	+12.547 596 15	B	1.10	−1.78	−5.92	11.83	10.81	3.65	9.47	8.70	+61	+0	−16	−2	+5	+2	+0	−10	−1	−58	1	1.17
*30915		06 29 19.00	+45 46 03.0	8.90		H	97.329 157 63	+45.767 490 26		4.20	6.36	−1.46	1.06	0.69	1.19	1.16	0.78	+24	+47	−5	−17	−26	+5	−15	−48	+7	+43	0	−0.26
*30916		06 29 18.98	−61 00 21.9	7.99		H	97.329 068 76	−61.006 076 14		10.00	−54.35	70.69	0.62	0.60	0.66	0.78	0.62	−10	+1	+1	+2	−21	−6	−18	+1	−9	−33	0	0.30
30917		06 29 20.58	+25 19 00.8	8.25		H	97.335 730 48	+25.316 887 87		−0.46	−3.26	−7.00	1.19	0.77	1.33	1.43	0.92	−10	+46	−35	+12	−16	+11	+4	−42	+20	+25	0	−0.89
30918		06 29 21.32	−17 48 47.2	8.06		H	97.338 833 81	−17.813 119 91		2.48	−1.65	−2.34	0.66	0.63	0.96	0.74	0.78	+5	+23	−8	−21	−15	−12	−15	−22	+9	−16	0	1.33
30919		06 29 22.38	+07 29 54.6	8.09		H	97.343 258 48	+07.498 510 47		10.27	−5.32	−18.57	0.95	0.73	1.08	1.07	0.85	+2	+33	−23	+2	+0	−18	−6	+6	−7	+23	0	1.87
30920		06 29 23.00	−02 48 44.9	11.12		G	97.345 813 00	−02.812 475 39		242.89	694.73	−618.62	2.11	2.03	2.64	3.00	2.48	+24	+16	−44	−45	−27	−24	−41	−41	−5	+53	0	0.58
30921		06 29 23.02	+78 17 07.4	7.95		H	97.345 902 51	+78.285 397 83		1.68	−12.89	−11.06	0.57	0.59	0.78	0.65	0.69	+13	+26	+1	−11	−2	+0	−6	−13	−14	+29	0	−0.92
30922		06 29 23.70	−71 30 24.0	8.19		G	97.348 762 69	−71.506 666 35		2.68	−0.52	20.70	0.59	0.62	0.64	0.66	0.74	−4	+29	+6	−13	+1	+3	−2	−15	−7	−24	0	−0.03
30923	H	06 29 23.76	+35 11 48.3	8.98		H	97.349 016 87	+35.196 738 21	A	7.67	−13.24	−15.24	1.59	1.35	1.57	1.95	1.33	+25	+10	−1	−13	−7	+0	−20	−39	+23	−9	3	−0.07
30924		06 29 24.09	−55 30 41.1	8.63		H	97.350 394 50	−55.511 421 93		3.54	−4.83	9.41	0.68	0.70	0.73	0.74	0.91	−9	+10	−7	+9	−7	+16	−6	+19	−10	−16	0	0.36
30925	H	06 29 25.56	−22 35 28.0	6.80		G	97.356 485 56	−22.591 123 69	A	2.74	8.84	10.63	0.61	0.73	1.07	0.62	0.83	−7	+15	+1	+12	−15	+0	−17	−20	−8	+2	1	1.03
30926		06 29 26.51	+04 15 11.8	7.55		G	97.360 444 32	+04.253 271 68		3.68	−6.92	−7.77	0.87	0.63	0.94	0.73	0.60	−7	+36	−8	−36	+5	−3	−1	−33	−14	−3	3	2.54
30927		06 29 27.32	−44 34 28.2	8.66		H	97.363 836 96	−44.574 490 84		2.24	−2.91	−5.50	0.63	0.64	0.72	0.70	0.87	−2	−2	−11	−19	+1	+1	+0	−19	+4	−11	0	−0.56
30928	H	06 29 27.54	+34 14 11.2	9.23		H	97.364 740 67	+34.236 455 00	A	5.31	4.53	−38.57	2.50	1.67	2.56	2.65	1.69	−45	+48	−47	+8	−20	+21	+2	−34	+22	−20	0	0.21
30929		06 29 27.77	−34 05 39.0	7.95		H	97.365 726 62	−34.094 163 90		7.94	−20.24	31.55	0.48	0.46	0.68	0.54	0.63	+4	−2	−1	−6	−3	+21	−4	−20	+6	+2	1	−0.61
30930		06 29 28.20	+03 37 25.8	9.71		H	97.367 492 35	+03.623 836 21		2.73	−9.75	−7.37	1.24	1.09	1.50	1.18	1.01	−7	+16	−36	−24	+6	−7	+2	−23	−9	−4	2	−0.29
30931		06 29 28.34	−11 27 50.9	7.47		H	97.368 066 80	−11.464 146 77		4.25	−5.58	−18.58	0.75	0.53	0.91	1.01	0.75	+3	+32	−12	−34	−1	−1	+7	−47	+23	+17	0	−0.57
30932		06 29 28.54	−56 51 10.2	5.20		H	97.368 915 53	−56.852 844 48		10.44	−38.15	32.34	0.47	0.45	0.47	0.53	0.57	−1	+4	−3	+26	−4	+1	−5	+38	−19	−4	1	−0.01
30933		06 29 29.11	−59 46 03.1	8.16		H	97.371 273 45	−59.767 519 71		6.64	−0.29	21.61	0.59	0.62	0.63	0.64	0.64	+1	−2	+8	+5	−16	+6	−16	+9	−6	−11	0	−0.62
30934		06 29 32.29	+27 39 15.5	9.99		H	97.384 532 02	+27.654 292 93		2.92	−2.53	−1.91	1.74	1.03	2.06	1.71	1.08	−34	+54	−37	−3	−13	+20	+14	−59	+26	+1	0	−0.86
30935		06 29 33.43	−07 21 45.5	7.80		H	97.389 305 97	−07.362 634 23		2.58	12.61	20.81	0.83	0.59	0.97	0.94	0.76	−33	+35	−19	−34	+5	−27	+2	−40	+18	−37	0	0.95
30936		06 29 34.89	−80 35 33.6	8.66		H	97.395 367 78	−80.592 664 32		5.23	−16.66	22.03	0.68	0.70	0.73	0.78	0.87	−12	+20	+0	−14	+6	−1	+5	−27	+5	−27	0	0.82
30937		06 29 34.89	+73 00 52.1	8.61		H	97.395 377 64	+73.014 474 27		3.58	−4.60	−9.65	0.59	0.71	1.01	0.67	0.77	+11	−7	−8	+22	+1	+11	+2	−5	+12	+13	0	0.21
30938		06 29 36.88	−03 33 05.9	7.22		H	97.403 649 58	−03.551 635 67		3.23	18.91	−20.37	1.06	0.77	1.24	1.00	0.85	−24	+58	−51	−15	−18	−11	−32	−4	−13	+12	0	−0.68
30939		06 29 36.89	+08 29 32.9	7.61		H	97.403 727 04	+08.492 469 28		19.94	−15.09	−14.57	0.91	0.68	1.09	0.89	0.70	+2	+36	−22	−10	−12	−26	−20	−2	−6	+12	0	2.39
30940		06 29 37.31	−39 23 41.5	12.62	2	H	97.405 451 47	−39.394 857 16		−4.47	−4.28	20.33	4.21	4.80	5.44	4.29	6.69	−17	+20	−6	−5	+11	+10	+14	−44	+12	−17	0	
30941	H	06 29 37.42	+16 58 37.9	7.88		G	97.405 935 97	+16.977 203 77	A	5.53	11.95	−32.18	1.91	1.27	1.75	1.97	1.35	−7	+7	−18	+0	−19	+10	−19	−22	+15	+11	2	1.12
30942		06 29 37.90	−17 00 40.9	7.06		H	97.407 936 87	−17.011 361 05		3.90	1.78	4.36	0.55	0.48	0.77	0.65	0.61	+12	+8	−15	−15	−11	+4	−12	−29	+15	−7	1	0.63
30943		06 29 39.49	+28 46 50.5	7.54		H	97.414 534 91	+28.780 690 67		−0.37	−0.36	−6.58	0.90	0.53	0.96	0.97	0.57	+7	+41	−10	+10	−24	+5	−11	−30	+12	+28	0	1.46
30944		06 29 39.96	+35 53 35.5	9.97		G	97.416 518 53	+35.893 184 06		20.70	353.36	−381.96	1.45	0.88	1.70	1.74	1.13	+26	+32	+11	−12	−14	−15	−13	−43	+13	+7	2	0.13
30945		06 29 40.95	+61 32 33.4	9.37	2	H	97.420 611 83	+61.542 617 77		1.19	−15.91	−3.73	1.09	0.88	1.37	1.34	0.93	+3	+21	−26	+2	+21	+13	+25	−3	+16	+17	0	0.38
30946	H	06 29 43.51	+72 01 16.8	8.24		H	97.431 311 46	+72.021 345 44	A	4.69	−3.31	−24.93	3.25	3.90	1.52	0.89	1.22	+30	+7	−4	+4	+3	+1	+1	+3	−10	+15	2	0.38
30947		06 29 43.70	+08 59 16.4	10.40		H	97.432 064 87	+08.987 899 37		2.19	0.68	−14.43	2.21	1.50	2.32	2.19	1.75	+11	+33	−6	−20	−27	−13	−26	−16	+10	−14	0	3.48
30948		06 29 44.29	+79 39 25.2	8.32		G	97.434 536 50	+79.656 998 14		6.24	45.61	−135.10	0.62	0.66	0.82	0.66	0.72	+16	+27	+7	+9	+5	+12	+5	−21	−5	+22	0	−0.54
30949		06 29 45.20	−06 23 34.9	11.08		G	97.438 314 15	−06.393 037 62		26.04	−59.29	91.76	2.12	1.29	2.22	2.21	1.67	−47	+38	−20	−47	+9	−10	+5	−49	+8	−19	0	0.90
30950	H	06 29 46.47	+36 36 11.6	8.55		H	97.443 622 18	+36.603 233 01	A	−0.02	−3.35	−18.81	1.53	1.01	1.70	1.77	1.22	+5	+19	−19	−9	−12	+19	+10	−38	+42	+9	1	−0.30
30951	H	06 29 46.64	−00 05 49.6	8.54		G	97.444 343 51	−00.097 099 83	A	1.68	3.26	−3.79	1.31	1.14	1.43	1.31	1.07	−3	+7	−34	−12	+14	−15	+10	−23	+2	+7	0	−0.66
30952		06 29 46.74	−14 21 43.3	8.65		H	97.444 742 46	−14.362 025 98		2.08	−2.63	1.21	0.84	0.70	1.09	0.95	0.87	−6	+36	−16	−23	−2	−3	+9	−35	+31	−3	0	−0.94
30953	H	06 29 49.13	−50 14 20.3	5.28	1	G	97.454 695 19	−50.238 958 82	A	19.33	−67.56	−51.83	0.74	0.77	0.66	0.91	0.80	+13	+7	−5	−3	+1	−4	+3	−20	+1	+18	2	−1.25
30954		06 29 49.88	+17 37 27.0	7.55		H	97.457 825 97	+17.624 178 99		6.44	5.44	−11.30	0.97	0.63	1.05	1.04	0.77	−11	+53	−21	−2	+22	−18	+17	−19	+2	−5	0	0.69
30955		06 29 51.98	+51 22 46.2	8.54		H	97.466 579 79	+51.379 509 23		5.39	3.20	−23.76	1.02	0.65	1.31	1.09	0.80	+18	+46	+4	+44	+30	+16	+46	+15	+35	+24	0	0.36
30956		06 29 52.44	−61 59 04.7	9.40		H	97.468 508 05	−61.984 651 00		1.60	8.96	37.61	0.95	0.83	0.98	0.95	0.89	−3	+32	+5	−24	−12	−12	−11	−4	−16	−26	0	−0.88
30957		06 29 53.17	−20 13 53.0	8.31		H	97.471 539 30	−20.231 401 94		5.99	3.07	−10.24	0.55	0.57	1.00	0.55	0.62	−10	−5	+0	+44	−27	−6	−27	+11	+0	−6	0	−1.07
30958		06 29 53.82	+22 46 44.4	9.02		H	97.474 262 65	+22.779 008 91		−0.12	0.39	−3.35	1.40	0.90	1.50	1.58	1.03	−18	+53	−38	+27	+14	+10	+33	−19	+18	+33	0	1.56
30959		06 29 55.28	−59 35 26.4	6.81		H	97.480 340 26	−59.590 675 71		6.68	1.78	−1.19	0.46	0.51	0.50	0.51	0.53	−1	+4	+10	+9	−16	+3	−15	+13	−3	−15	0	−0.79
30960	H	06 29 55.74	+49 45 49.5	9.26		H	97.482 232 78	+49.763 761 04	A	2.27	−27.71	−23.79	2.24	1.54	2.38	2.59	1.64	−25	+16	+8	+15	+39	+11	+31	−9	−1	−47	3	1.71
30961	H	06 29 55.96	+07 06 43.2	7.12		H	97.483 146 89	+07.111 997 31	A	3.57	−1.55	−3.74	1.26	0.93	1.23	1.37	1.03	+17	+24	−20	−25	−21	−17	−22	−24	−9	+49	1	0.92
30962		06 29 57.36	−42 16 40.4	7.54		H	97.489 017 95	−42.277 883 84		2.32	−9.49	33.15	0.52	0.51	0.63	0.60	0.71	−3	+7	+5	−3	−5	+4	−8	−3	−15	−1	3	−0.87
30963		06 29 57.65	+35 36 46.6	8.40		H	97.490 190 16	+35.612 941 38		2.17	4.62	−17.13	1.00	0.63	1.12	1.30	0.84	+34	+16	+11	−7	−21	−13	−22	−43	+13	+19	0	−1.56
*30964		06 29 58.41	+69 55 47.1	8.66		H	97.493 367 80	+69.929 738 32		3.67	−2.49	−0.35	0.41	0.63	0.94	0.44	0.72	+7	+11	−9	+24	+8	−2	+13	−15	+5	+17	2	−1.52
*30965		06 29 58.38	+13 36 55.0	8.29		H	97.493 243 95	+13.615 267 03		1.53	0.32	−2.37	0.95	0.72	1.02	0.99	0.79	−7	+40	−2	−19	+0	−12	−6	−31	−14	−11	0	−0.96
30966		06 29 58.58	−39 45 15.7	8.55		H	97.494 079 42	−39.754 353 10		3.22	−22.40	15.84	0.63	0.73	0.81	0.69	1.01	−19	+12	−19	−1	+9	+15	+14	−46	+18	−16	2	2.05
30967		06 30 00.62	−31 10 28.1	7.55		H	97.502 591 01	−31.174 483 31		4.37	−6.03	4.17	0.42	0.45	0.63	0.47	0.55	−1	+8	−1	+10	−3	+21	−5	−23	+4	−8	2	0.41
30968		06 30 00.71	−15 43 25.7	7.66		H	97.502 951 75	−15.723 794 31		5.08	6.69	22.82	0.69	0.62	1.13	0.95	0.78	+26	−4	−14	−20	−29	+30	−29	−47	+22	+15	2	1.92
30969		06 30 02.06	+32 18 31.9	9.77		H	97.508 573 30	+32.308 862 39		6.28	−9.02	−28.50	1.46	1.02	1.68	1.79	1.13	−20	+35	−16	−10	−2	+24	+13	−55	+9	+10	0	−0.45
30970		06 30 02.29	+07 55 16.0	6.63	1	G	97.509 559 08	+07.921 119 03		1.99	1.92	−2.22	0.83	0.63	1.07	0.81	0.62	−13	+49	−45	−23	+9	−34	−13	−3	−14	+26	0	2.38
30971		06 30 02.72	−49 59 17.3	8.29		G	97.511 314 24	−49.988 139 81		3.89	−5.11	10.82	0.66	0.65	0.71	0.81	0.89	+12	+8	−21	−19	−7	+9	−7	+1	−1	+20	0	−1.18
30972		06 30 02.98	+46 41 07.9	5.88		H	97.512 417 01	+46.685 535 61		6.15	−6.64	7.50	0.67	0.49	0.77	0.86	0.59	+15	+27	−6	−15	−26	+11	−17	−39	+14	+32	2	0.08
30973		06 30 03.01	−65 34 06.2	6.28		G	97.512 538 86	−65.568 387 74		10.27	1.09	59.75	0.49	0.46	0.50	0.56	0.60	−18	+19	−21	−11	−4	+2	−1	−3	+12	−21	0	−1.10
30974		06 30 03.85	+38 57 55.2	8.51		H	97.516 046 07	+38.965 333 88		8.71	5.19	−23.96	0.92	0.62	1.10	1.13	0.74	−6	+22	−14	−11	+5	−6	+5	−45	+11	−8	0	0.17
30975		06 30 05.10	+14 30 03.5	8.08		H	97.521 260 18	+14.500 982 16		6.99	19.32	−19.08	1.08	0.88	1.19	1.45	1.00	+15	+20	−37	−34	−16	−11	−21	−33	−7	+47	0	−0.13
30976		06 30 05.27	−28 39 28.6	8.30		G	97.521 945 68	−28.657 952 78		9.86	12.72	−58.92	0.53	0.61	0.88	0.68	0.77	+6	−3	+4	−16	−14	+20	−16	−21	+12	+8	0	−1.18
30977		06 30 05.60	+09 01 47.0	6.57		H	97.523 328 45	+09.029 719 27		0.00	−0.55	−2.79	0.80	0.57	0.89	0.77	0.59	+15	+39	−17	−31	−14	−25	−25	−25	−19	+26	0	1.89
30978		06 30 05.99	+46 53 44.0	9.87		G	97.524 946 88	+46.895 546 66		3.20	−3.45	−9.53	1.18	0.86	1.39	1.58	1.15	+17	+28	+4	−7	−10	+2	−6	−30	+11	+20	0	−0.32
30979		06 30 07.39	−11 48 32.9	9.11		H	97.530 811 51	−11.809 133 99		35.00	−155.86	79.13	1.20	0.91	1.49	1.52	1.27	−16	+44	−12	−51	+13	−23	+21	−67	+21	−6	1	0.35
30980		06 30 07.49	−10 44 52.7	8.02		H	97.531 219 29	−10.747 975 36		1.68	−25.19	14.18	0.84	0.65	1.11	1.10	0.90	+1	+18	−34	−51	−11	−7	−5	−65	+37	+14	0	−1.86
30981		06 30 08.57	−63 11 31.1	8.72		H	97.535 688 14	−63.191 962 31		5.36	−7.96	28.39	0.69	0.73	0.72	0.80	0.91	−17	−2	−12	+22	−15	−2	−16	+23	−11	−26	2	2.33
30982		06 30 08.84	+33 55 50.0	10.60		H	97.536 852 32	+33.930 555 90		2.64	−3.74	−10.72	1.67	1.02	1.88	1.99	1.25	−18	+36	−16	+6	−7	−12	−6	−26	+10	−19	0	0.05
30983		06 30 09.03	−61 15 54.8	8.35		H	97.537 636 81	−61.265 229 44		8.47	6.18	−52.01	0.70	0.64	0.73	0.83	0.69	−19	+12	−13	−5	−11	−5	−11	+0	−12	−35	1	−0.32
30984		06 30 09.56	+26 56 58.7	9.03		G	97.539 829 92	+26.949 648 46		0.77	−4.44	−10.89	1.38	0.84	1.58	1.55	0.96	−2	+43	−26	−6	−26	+13	−9	−53	+21	+18	0	−0.67
30985		06 30 09.75	+56 07 36.1	8.92		H	97.540 628 35	+56.126 699 08		6.34	3.17	−4.75	0.95	0.72	1.10	1.10	0.83	+34	+22	+4	+13	+8	−6	+8	−10	+6	+28	0	1.96
30986	H	06 30 11.28	−10 04 53.4	5.92		G	97.547 001 58	−10.081 505 89	A	0.52	−7.27	−2.27	1.18	0.94	1.02	1.08	0.85	−7	+20	−13	−50	+5	−16	+6	−56	+30	+9	1	−0.07
30987		06 30 11.69	+28 16 57.5	11.01	2	H	97.548 694 36	+28.282 627 67		−3.35	−16.28	−12.11	2.31	1.30	2.55	2.34	1.34	−26	+50	−21	+16	−26	+10	+0	−42	+12	+13	0	0.85
30988		06 30 11.81	−19 12 53.4	6.44	2	H	97.549 224 29	−19.214 836 05		2.59	6.41	−21.99	0.46	0.49	0.77	0.57	0.64	−10	+2	−15	+9	+2	−12	−7	−37	+29	−31	1	0.09
30989		06 30 12.23	−46 27 21.2	9.36	2	H	97.550 964 81	−46.455 897 00		1.10	3.89	−3.26	0.89	0.88	1.00	1.06	1.10	−14	+5	−15	−8	−9	+16	−7	−6	+12	−11	0	−0.11
30990		06 30 15.51	+60 47 05.0	8.45		G	97.564 606 64	+60.784 720 71		13.88	136.63	−247.10	0.93	0.79	1.14	1.22	0.82	+7	+15	−2	+15	+33	+25	+29	−6	+2	+13	2	0.49
30991		06 30 17.36	+31 28 19.2	9.07		H	97.572 314 70	+31.471 999 84		7.23	93.06	−64.49	1.30	1.01	1.58	1.97	1.18	−34	+17	−22	−15	−1	+45	+22	−59	+19	+4	0	0.64
30992		06 30 17.63	+02 50 52.4	8.85	2	H	97.573 454 92	+02.847 896 14		1.35	0.44	−1.64	1.06	0.85	1.29	1.04	0.85	−6	+35	−38	−14	−3	−19	−13	−3	−7	+6	0	−2.01
30993		06 30 17.98	−06 25 48.4	7.95	1	H	97.574 926 88	−06.430 121 07		2.32	1.83	−4.44	0.87	0.59	0.95	0.92	0.79	−43	+24	−10	−40	+11	−10	+5	−42	−2	−27	0	1.11
30994		06 30 18.51	+10 26 15.3	9.35		H	97.577 111 42	+10.437 591 54		1.97	−3.26	−4.25	1.39	1.02	1.59	1.12	0.93	−23	+53	−28	−10	+15	−10	+6	−27	−13	+5	0	0.63
30995		06 30 19.25	−52 52 17.6	8.64		H	97.580 216 20	−52.871 545 44		14.04	−37.81	111.11	0.68	0.63	0.69	0.80	0.66	+2	−1	−10	−10	−19	+14	−15	−1	−3	−15	0	−1.00
30996		06 30 20.60	+42 16 00.4	9.78		H	97.585 849 94	+42.266 778 60		4.73	3.46	19.98	1.28	0.88	1.46	1.58	1.03	−13	+33	−20	−7	+5	+10	+15	−44	+16	+9	0	0.14
30997		06 30 21.06	+30 57 45.8	12.85		H	97.587 743 16	+30.962 723 00		−13.81	23.35	−51.86	14.46	9.89	18.84	22.92	16.02	+13	+17	−43	−7	−25	+29	−11	−45	+49	−4	17	2.14
30998		06 30 21.18	+14 53 40.0	8.38		H	97.588 266 78	+14.894 441 63		7.17	−6.81	−23.19	1.17	0.90	1.37	1.65	1.05	+10	+29	−46	−11	−25	+4	−16	−31	+7	+58	0	−0.94
30999		06 30 21.78	+55 48 58.6	8.25		G	97.590 765 74	+55.816 289 78		3.77	2.00	−29.35	0.94	0.66	1.12	1.09	0.73	+15	+26	−10	+8	+2	+0	+7	−18	+17	+22	0	−0.40
31000		06 30 21.87	+22 32 41.8	6.98		H	97.591 141 86	+22.544 939 78		2.74	−10.30	−9.71	0.94	0.64	1.00	1.07	0.72	+2	+40	−24	+21	+2	+15	+17	−17	+13	+39	0	1.58

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags		AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61		62	63	64	65	66	67	68-70
30901	8.862	0.011	8.822	0.014		0.020	0.015	G	0.04	0.01	H	8.8686	0.0017	0.015	106		8.84	8.90		C			1								
30902	8.837	0.014	8.799	0.017		0.040	0.020	T	0.06	0.02	L	8.8368	0.0025	0.018	86		8.80	8.87		C			1								
30903	10.037	0.018	8.111	0.008		1.633	0.016	T	2.38	0.04	O	7.9231	0.0046	0.047	165		7.85	8.03		U 2			1	S							
30904	9.487	0.017	8.016	0.009		1.250	0.015	G	1.11	0.02	A	8.0616	0.0012	0.013	129		8.04	8.09			06292−4023	I 2	1								
30905	9.182	0.022	8.220	0.016		0.846	0.020	T	0.86	0.01	L	8.2518	0.0075	0.045	46		8.21	8.32		R			1								
30906	8.175	0.015	6.363	0.006		1.539	0.013	T	1.96	0.05	O	6.2561	0.0043	0.025	47		6.22	6.29		U 2	06292+0239	I 1	1								S
30907	10.943	0.049	9.476	0.022		1.236	0.042	T	1.19	0.04	L	9.5080	0.0024	0.020	107		9.47	9.54					1								
30908	11.294	0.062	9.549	0.023		1.455	0.052	T	1.46	0.08	L	9.4931	0.0028	0.024	116		9.45	9.54		C			1								
30909	10.502	0.028	8.428	0.010		1.755	0.024	T	3.16	0.03	O	7.9934	0.0048	0.078	159		7.88	8.14		U 2			1	S							
30910	8.289	0.008	8.307	0.011		−0.015	0.012	T	0.01	0.01	L	8.3127	0.0014	0.015	118		8.28	8.34					1								
30911	8.653	0.012	7.964	0.011		0.637	0.015	G	0.70	0.01	H	8.0227	0.0016	0.010	83		8.01	8.04		C			1								S
30912	10.378	0.031	9.258	0.020		0.965	0.029	T	0.95	0.02	L	9.3087	0.0020	0.021	125		9.28	9.35					1								
30913	8.770	0.008	8.669	0.010		0.091	0.012	T	0.10	0.01	L	8.6919	0.0016	0.017	173		8.66	8.72					1	S							
30914	8.607	0.017	8.493	0.020	*	0.074	0.015	G	0.09	0.02	H	*	8.4718	0.0028	0.011	50	*	8.43	8.49		D	06293+1233	I 1	2	C A	BA	305	0.611	0.010	0.07	0.02	
30915	9.025	0.015	8.898	0.018		0.123	0.022	T	0.14	0.02	L	8.9483	0.0017	0.011	75		8.92	8.97		C			1								
30916	8.569	0.011	8.049	0.011		0.503	0.007	G	0.58	0.01	H	8.1036	0.0008	0.010	86		8.09	8.12					1								S
30917	9.683	0.028	8.390	0.017		1.100	0.026	T	1.06	0.03	L	8.4214	0.0028	0.018	72		8.39	8.45					1								
30918	8.135	0.011	8.056	0.013		0.071	0.015	T	0.08	0.02	L	8.0943	0.0017	0.016	113		8.06	8.12			06294−1749	I 1	1	S							S
30919	9.173	0.018	8.199	0.013		0.855	0.016	T	0.87	0.01	L	8.2425	0.0016	0.016	65		8.21	8.27					1								
30920						1.690	0.020	G	3.04	0.02	A	10.9842	0.0055	0.034	63		10.93	11.04		C	06294−0249	I 1	1	G							G
30921	9.678	0.015	8.100	0.008		1.323	0.013	T	1.28	0.01	L	8.1073	0.0013	0.015	160		8.08	8.13					1								
30922	8.397	0.010	8.212	0.011		0.155	0.015	G	0.17	0.01	H	8.2382	0.0017	0.012	105		8.22	8.26					1								S
30923	9.429	0.018	9.001	0.019	*	0.404	0.024	T	0.47	0.03	L	*	9.0711	0.0018	0.017	88	*	9.04	9.10		C	06294+3512	H 1	2	C D	AB	191	0.381	0.044	3.39	0.25	D
30924	9.339	0.016	8.676	0.014		0.615	0.018	T	0.68	0.02	L	8.7621	0.0021	0.015	105		8.73	8.79		C			1								
30925	6.854	0.006	6.764	0.005	*	0.066	0.002	G	0.08	0.00	H	*	6.8246	0.0009	0.010	188	*	6.81	6.84		D	06294−2235	I 1	2	C A	AB	120	2.821	0.004	1.63	0.02	S
30926	7.591	0.010	7.559	0.010		0.023	0.004	G	0.04	0.00	H	7.5639	0.0015	0.011	63		7.54	7.58		C			1								S
30927	10.083	0.024	8.789	0.014		1.100	0.022	T	1.06	0.02	L	8.8259	0.0018	0.016	129		8.80	8.86					1								
30928	9.970	0.026	9.324	0.023	A	0.577	0.072	G	0.65	0.07	R	*	9.3518	0.0019	0.021	73	*	9.33	9.40		D	06295+3414	H 1	2	C B	AB	256	4.165	0.058	3.11	0.14	
30929	8.274	0.010	7.980	0.009		0.265	0.002	G	0.30	0.00	H	8.0252	0.0013	0.013	128		8.00	8.05					1								S
30930	10.110	0.036	9.696	0.038		0.391	0.048	T	0.46	0.05	L	9.8017	0.0025	0.024	60		9.78	9.84					1								G
30931	7.581	0.006	7.477	0.007		0.101	0.009	T	0.11	0.01	L	7.5067	0.0014	0.012	123		7.49	7.53					1								S
30932	6.598	0.004	5.321	0.003		1.087	0.004	T	1.05	0.00	L	5.3654	0.0007	0.005	99		5.36	5.37					1								S
30933	8.484	0.010	8.182	0.010		0.288	0.015	T	0.33	0.02	L	8.2373	0.0013	0.011	104		8.22	8.26					1								S
30934	11.257	0.077	10.000	0.037		1.071	0.067	T	1.04	0.06	L	10.1586	0.0022	0.023	99		10.10	10.20					1								G
30935	9.291	0.015	7.950	0.009		1.137	0.014	T	1.10	0.01	L	7.9739	0.0009	0.010	122		7.96	7.99		C			1								
30936	8.915	0.013	8.681	0.014		0.218	0.019	T	0.24	0.02	L	8.7233	0.0017	0.015	102		8.70	8.75		C			1								
30937	9.910	0.016	8.712	0.010		1.025	0.015	T	1.00	0.01	L	8.7741	0.0015	0.019	191		8.74	8.81		C	06295+7301	I 1	1								
30938	8.534	0.016	7.316	0.010		1.041	0.015	T	1.01	0.01	L	7.3833	0.0011	0.008	47		7.36	7.39		C			1								S
30939	8.262	0.014	7.677	0.011		0.568	0.015	G	0.64	0.01	H	7.7281	0.0018	0.009	47		7.71	7.74					1								S
30940											T	12.7321	0.0174	0.116	93		12.38	12.94		U			1	X							G
30941	9.305	0.021	8.028	0.013	A	1.100	0.015	G	1.06	0.02	H	*	8.0402	0.0012	0.008	53	*	8.03	8.06		D	06296+1659	I 1	2	C D	AB	53	2.649	0.029	2.95	0.21	S D
30942	7.062	0.004	7.065	0.005		0.002	0.006	T	0.02	0.01	L	7.0729	0.0008	0.011	135		7.06	7.09					1								S
30943	7.481	0.007	7.527	0.008		−0.039	0.009	T	−0.02	0.01	L	7.5353	0.0014	0.011	105		7.52	7.56					1								S
30944	11.281	0.069	10.103	0.039		0.971	0.015	G	1.02	0.01	I	10.0906	0.0025	0.021	95		10.05	10.13		C			1								G
30945	11.060	0.052	9.558	0.025		1.284	0.048	T	4.17	0.10	O	8.7518	0.0326	0.197	93		8.45	9.04		U 2			1	S							
30946	8.306	0.006	8.246	0.008	*	0.060	0.009	T	0.07	0.01	L	*	8.2671	0.0016	0.017	227	*	8.24	8.30			06297+7201	H 1	2	C C	AB	225	0.366	0.046	3.23	0.29	S
30947	10.732	0.078	10.500	0.104		0.221	0.122	T	0.24	0.14	L	10.4644	0.0051	0.032	47		10.39	10.50		C			1								G
30948	9.592	0.017	8.411	0.011		1.004	0.004	G	1.05	0.01	I	8.4671	0.0013	0.014	145		8.44	8.49		C			1								
30949						1.885	0.170	G	2.02	0.23	K	10.9553	0.0035	0.031	143		10.90	11.01					1								G
30950	8.750	0.022	8.567	0.031	*	0.175	0.036	T	0.19	0.04	L	*	8.6083	0.0023	0.017	117	*	8.58	8.63		D	06298+3636	I 1	2	C A	AB	28	3.348	0.008	1.96	0.04	S
30951	8.680	0.014	8.617	0.017	A	0.082	0.015	G	0.09	0.02	H	*	8.5632	0.0015	0.013	61	*	8.54	8.59		D	06298−0006	I 1	2	C A	AB	165	2.139	0.013	2.55	0.05	
30952	8.910	0.011	8.659	0.012		0.235	0.016	T	0.26	0.02	L	8.7151	0.0018	0.016	127		8.68	8.75		C			1								
30953	5.688	0.005	5.252	0.004	*	0.371	0.002	G	0.43	0.00	H	*	5.3084	0.0009	0.011	96	−	5.30	5.34		U 2	06298−5014	I 1	4	C C							S G
30954	7.637	0.010	7.558	0.011		0.078	0.014	T	0.09	0.01	L	7.5800	0.0012	0.008	53		7.57	7.60					1								S
30955	8.609	0.011	8.532	0.013		0.076	0.016	T	0.09	0.02	L	8.5689	0.0017	0.016	91		8.54	8.60		C			1	G							S
30956	10.313	0.035	9.484	0.027		0.728	0.005	G	0.78	0.00	H	9.5458	0.0018	0.019	94		9.52	9.59		C			1								
30957	8.565	0.008	8.340	0.009		0.215	0.011	T	0.24	0.01	L	8.3795	0.0013	0.016	187		8.35	8.42					1								S
30958	9.212	0.021	9.058	0.026		0.148	0.031	T	0.16	0.03	L	9.0779	0.0028	0.013	49		9.05	9.11		C			1								
30959	7.215	0.005	6.836	0.005		0.359	0.007	T	0.42	0.01	L	6.8919	0.0008	0.008	106		6.88	6.90		C			1								S
30960	10.706	0.040	9.367	0.022	A						T	*	9.4051	0.0017	0.020	105	*	9.37	9.44		D	06299+4946	H 1	2	C B	AB	146	1.622	0.035	2.89	0.15	
30961	6.937	0.006	7.075	0.010	*	−0.120	0.011	T	−0.11	0.01	L	*	7.0830	0.0014	0.012	58	*	7.07	7.10			06299+0707	I 1	2	C A	AB	354	8.618	0.020	3.49	0.20	S
30962	9.402	0.016	7.687	0.008		1.431	0.014	T	1.42	0.02	L	7.6770	0.0014	0.012	120		7.66	7.70		C			1								S
30963	10.211	0.030	8.583	0.014		1.363	0.026	T	1.33	0.03	L	8.5533	0.0018	0.014	102		8.53	8.58					1	S							
30964	8.721	0.007	8.665	0.009		0.056	0.011	T	0.07	0.01	L	8.6820	0.0013	0.018	276		8.65	8.71					1								
30965	10.396	0.046	8.434	0.017		1.627	0.039	T	1.65	0.04	L	8.4062	0.0011	0.010	56		8.39	8.42		C			1	S							
30966	10.106	0.025	8.663	0.013		1.217	0.022	T	1.18	0.02	L	8.7088	0.0016	0.014	117		8.69	8.74		C			1								
30967	7.542	0.005	7.546	0.007		−0.015	0.002	G	0.01	0.00	H	7.5595	0.0009	0.011	163		7.54	7.58					1								S P
30968	9.348	0.016	7.797	0.008		1.302	0.014	T	1.26	0.01	L	7.8169	0.0015	0.013	131		7.80	7.84					1								
30969	10.339	0.040	9.822	0.041		0.486	0.052	T	0.56	0.06	L	9.8789	0.0031	0.018	73		9.86	9.92		C			1								G
30970	8.714	0.015	6.817	0.007		1.549	0.053	G	1.44	0.03	C	6.8077	0.0013	0.013	62		6.79	6.83		M			1								S
30971	8.688	0.013	8.295	0.013		0.372	0.015	G	0.43	0.02	H	8.3708	0.0017	0.013	103		8.34	8.40					1								S
30972	7.774	0.009	6.038	0.004		1.448	0.008	T	1.45	0.01	L	6.0187	0.0011	0.007	89		6.00	6.03					1								S
30973	6.671	0.004	6.310	0.004		0.329	0.004	G	0.38	0.01	H	6.3629	0.0011	0.008	105		6.35	6.38					1								S
30974	8.970	0.013	8.536	0.013		0.410	0.017	T	0.48	0.02	L	8.6044	0.0015	0.012	96		8.58	8.63					1								
30975	8.627	0.018	8.147	0.017		0.495	0.015	G	0.57	0.02	H	8.1934	0.0017	0.012	46		8.17	8.21		C			1								
30976	8.905	0.009	8.360	0.009		0.536	0.015	G	0.61	0.02	H	8.4038	0.0014	0.016	161		8.37	8.43					1								
30977	6.708	0.008	6.583	0.008		0.121	0.011	T	0.14	0.01	L	6.6173	0.0009	0.006	50		6.61	6.63		C			1								S
30978	9.914	0.026	9.874	0.036		0.050	0.015	G	0.06	0.01	H	9.8948	0.0023	0.022	76		9.86	9.93		C			1								G
30979	10.574	0.036	9.219	0.018		1.120	0.015	G	1.20	0.02	I	9.2350	0.0026	0.021	119		9.20	9.26		C			1								
30980	9.295	0.013	8.125	0.009		1.004	0.012	T	0.98	0.01	L	8.1857	0.0014	0.016	147		8.15	8.21		C			1								S
30981	9.093	0.014	8.737	0.015		0.346	0.018	T	0.41	0.02	L	8.8075	0.0012	0.016	93		8.78	8.83		C			1								
30982	11.007	0.064	10.530	0.063		0.449	0.082	T	0.52	0.09	L	10.6965	0.0034	0.025	76		10.66	10.75		C			1								G
30983	8.749	0.013	8.391	0.014		0.361	0.012	G	0.42	0.01	H	8.4365	0.0014	0.017	87		8.40	8.46					1								S
30984						0.338	0.015	G	0.39	0.02	H	9.0967	0.0019	0.017	82		9.06	9.12		C			1								
30985	9.376	0.021	8.943	0.021		0.409	0.027	T	0.48	0.03	L	9.0160	0.0015	0.013	72		9.00	9.04		C			1								
30986	7.683	0.005	6.070	0.003	*	1.373	0.010	G	1.30	0.04	E	*	6.0716	0.0007	0.007	184	*	6.06	6.09		D	06302−1005	H 1	2	C C	AB	54	0.442	0.037	3.87	0.11	S
30987	11.711	0.109	11.163	0.109		0.509	0.071	G	0.58	0.07	R		11.1169	0.0041	0.042	107		10.98	11.19		U 2			1								G
30988	8.627	0.010	6.640	0.004		1.683	0.009	T	2.00	0.03	O		6.5268	0.0015	0.019	125		6.49	6.57		U 2			1								S
30989	10.674	0.037	9.520	0.023		0.991	0.034	T	0.97	0.03	L		9.5272	0.0072	0.063	104		9.44	9.60		U 2			1								
30990	9.092	0.017	8.538	0.016		0.591	0.015	G	0.66	0.01	H		8.5634	0.0025	0.018	90		8.54	8.59					1								
30991	10.128	0.030	9.147	0.021		0.848	0.028	T	0.89	0.03	L		9.2126	0.0020	0.017	70		9.18	9.24		C			1								
30992	9.190	0.019	8.898	0.020		0.309	0.020	G	0.35	0.03	H		8.9301	0.0068	0.042	56		8.87	9.01		U 2			1								D P
30993	7.903	0.006	7.947	0.008		−0.042	0.002	G	−0.02	0.00	H		7.9484	0.0029	0.022	151		7.92	7.99	0.43	P 1 A			1								S
30994	9.441	0.022	9.353	0.028		0.086	0.033	T	0.10	0.04	L		9.3881	0.0037	0.030	60		9.35	9.44					1								G
30995	9.506	0.018	8.714	0.014		0.702	0.017	T	0.76	0.01	L		8.7786	0.0018	0.015	103		8.75	8.81		C	06304−5253	I 1	1								
30996	10.887	0.052	9.889	0.034		0.873	0.046	T	0.88	0.03	L		9.9383	0.0030	0.022	90		9.89	10.00					1								G
30997						1.200	0.020	G	1.16	0.02	H		13.0133	0.0368	0.293	16		12.78	13.82					1	S							D
30998	8.706	0.018	8.399	0.019		0.292	0.025	T	0.33	0.03	L		8.4513	0.0019	0.011	51		8.43	8.47		C			1								
30999	9.773	0.025	8.392	0.014		1.150	0.015	G	1.11	0.01	H		8.4188	0.0014	0.010	73		8.40	8.44					1								
31000	7.014	0.008	6.987	0.007		0.030	0.010	T	0.05	0.01	L		7.0004	0.0014	0.008	45		6.99	7.01			06304+2233	I 1	1								S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
31001		06 30 22.01	+28 12 43.7	6.85		H	97.591 707 62	+28.212 130 46		3.91	−0.31	−9.67	0.89	0.48	0.99	0.91	0.52	−14	+52	−20	+14	−18	−1	+1	−33	+13	+19	0	0.31
31002		06 30 22.56	+60 08 47.4	6.80		H	97.594 012 91	+60.146 499 55		3.07	−4.44	−0.75	0.66	0.52	0.78	0.73	0.53	+2	+29	−12	+21	+25	+4	+25	−6	+11	+7	0	1.55
31003		06 30 22.74	−66 01 23.3	7.64		H	97.594 744 91	−66.023 131 39		4.35	−6.61	38.37	0.59	0.59	0.63	0.66	0.72	−12	+23	−26	−8	−9	+4	−4	−7	+16	−17	0	−2.30
31004		06 30 23.91	−16 56 34.8	7.54		H	97.599 620 70	−16.943 010 96		6.57	−10.69	−29.26	0.59	0.52	0.82	0.72	0.67	+9	+12	−10	−19	−4	−2	−6	−33	+13	−14	0	2.16
31005	H	06 30 24.38	−24 08 28.7	8.17	2	H	97.601 601 34	−24.141 313 24	A	12.93	36.40	54.10	0.79	1.06	1.49	0.94	1.18	−6	−5	+3	−8	−7	+16	−8	−19	+6	+1	3	0.70
31006		06 30 25.26	+41 24 06.2	6.70		G	97.605 265 03	+41.401 721 53		4.30	−12.90	−13.74	0.66	0.45	0.78	0.84	0.53	+4	+30	−19	+8	−5	+24	+12	−35	+22	+36	2	−0.12
31007		06 30 26.15	−39 07 50.8	12.40	2	H	97.608 973 77	−39.130 790 58		−2.50	1.97	22.32	3.51	3.74	4.66	3.82	5.26	−5	+20	−6	+11	+0	+20	+5	−46	+12	+1	1	−2.72
31008		06 30 26.62	−15 06 07.8	8.21	2	H	97.610 905 43	−15.102 156 20		2.15	−3.55	3.44	0.85	0.65	1.03	1.09	0.87	−15	+13	−22	−37	+5	−7	+7	−48	+23	−9	0	−1.88
31009		06 30 26.64	+55 41 47.4	7.76		H	97.610 992 94	+55.696 511 03		1.53	−11.80	−4.76	0.90	0.64	1.05	0.98	0.67	+15	+33	−13	+23	+12	+7	+18	−7	+16	+26	2	1.81
31010		06 30 26.82	−03 01 19.5	6.96		H	97.611 740 71	−03.022 092 83		1.65	−3.25	−0.93	0.84	0.72	0.95	0.90	0.75	+23	+19	−46	−41	−29	−3	−34	−30	+8	+39	0	0.34
31011		06 30 27.47	−04 41 48.5	7.47		H	97.614 464 49	−04.696 810 57		4.42	−8.49	−1.23	0.74	0.53	0.95	0.71	0.63	−40	+52	−31	−28	−8	−5	+2	−45	+17	−2	0	0.32
31012		06 30 27.73	−68 56 51.8	7.93		H	97.615 537 90	−68.947 725 11		3.85	−3.87	16.01	0.58	0.58	0.62	0.54	0.60	+9	+16	+8	−36	+5	−5	+4	−35	−15	+9	1	−0.39
31013		06 30 28.26	+43 56 16.4	8.35		H	97.617 743 75	+43.937 882 37		10.35	−26.17	−30.80	0.93	0.62	1.01	1.16	0.71	+14	+25	−12	+5	−16	+13	−5	−34	+12	+36	0	0.52
31014		06 30 28.85	+19 17 08.1	8.76		G	97.620 191 93	+19.285 578 36		12.55	233.71	−103.79	1.24	0.84	1.30	1.39	1.04	+8	+42	−9	+6	+6	+3	+11	−17	+3	+35	0	0.86
31015	H	06 30 29.22	+04 19 56.8	7.35		G	97.621 736 06	+04.332 456 09	A	0.32	−2.08	−2.75	1.08	0.85	1.05	0.95	0.79	−23	+12	−11	−33	+25	+2	+22	−38	−8	−33	1	−0.58
31016		06 30 29.54	−40 34 20.9	8.14		G	97.623 090 36	−40.572 467 50		0.28	−4.15	12.60	0.63	0.68	0.78	0.65	1.04	+0	−1	−6	+1	−3	+15	+1	−26	−2	+9	1	1.05
31017		06 30 29.79	−14 57 15.7	6.75	2	H	97.624 119 52	−14.954 367 72		4.51	−5.07	0.50	0.64	0.49	0.76	0.79	0.66	+1	+25	−20	−37	−8	−1	−2	−44	+22	+5	0	0.72
31018		06 30 30.37	+64 26 43.9	8.67		G	97.626 552 71	+64.445 536 53		8.07	−3.08	−24.31	0.65	0.64	1.06	0.80	0.74	+5	+10	−20	−2	−20	+4	−21	−18	+16	−30	0	−1.26
31019		06 30 32.94	+05 52 01.2	6.70	2	H	97.637 239 23	+05.867 004 18		0.12	0.30	−1.97	0.94	0.74	1.00	0.84	0.69	−44	+39	−31	−40	+36	−24	+24	−31	−16	+7	0	0.94
31020		06 30 33.20	−12 04 51.8	6.58		H	97.638 347 75	−12.081 055 58		6.49	12.18	4.08	0.72	0.52	0.91	0.90	0.71	−5	+40	−22	−51	+4	−21	+14	−61	+35	−6	0	−0.35
31021		06 30 33.49	−67 36 09.8	8.94	2	H	97.639 534 35	−67.602 723 32		12.02	−35.53	23.05	0.70	0.75	0.77	0.71	0.86	−13	+24	−15	−19	+6	−7	+4	−7	−10	−13	3	0.92
31022		06 30 33.74	−48 14 47.2	8.08	1	H	97.640 582 84	−48.246 436 12		1.19	−9.24	12.04	0.60	0.65	0.67	0.64	0.75	−15	+2	−7	−18	+8	+2	+8	−21	+2	−24	1	−1.39
31023		06 30 34.32	+52 48 33.3	7.64		G	97.643 010 06	+52.809 253 55		3.26	−1.51	−23.44	0.85	0.67	0.98	0.98	0.83	+0	+27	+4	+11	+31	−2	+31	−10	+5	−7	0	0.11
31024		06 30 34.89	−13 08 53.4	6.16		G	97.645 366 76	−13.148 176 05		2.84	−4.86	1.45	0.66	0.48	0.80	0.87	0.65	−15	+15	−27	−49	+8	+6	+14	−55	+35	−13	0	0.43
31025		06 30 36.64	−76 12 04.6	8.02	2	H	97.652 682 95	−76.201 268 09		1.26	2.99	16.18	0.60	0.54	0.60	0.64	0.62	+2	+18	+14	−21	−14	+5	−12	+13	−12	−17	0	0.04
31026		06 30 36.81	−30 01 37.1	8.76		H	97.653 362 86	−30.026 965 70		1.62	4.70	−5.31	0.68	0.65	0.97	0.83	0.76	−3	+1	+18	+26	−13	+4	−15	−3	+2	−10	0	0.72
31027		06 30 37.68	+51 46 45.1	8.82	2	H	97.657 014 78	+51.779 196 97		3.39	3.20	3.43	0.97	0.72	1.27	1.07	0.83	−6	+33	−7	+26	+14	−2	+19	+12	+22	−10	0	0.56
31028		06 30 38.52	−22 19 18.5	7.16	1	H	97.660 516 95	−22.321 815 57		0.90	−2.90	1.07	0.42	0.48	0.77	0.44	0.58	−2	+13	−2	+35	−16	+1	−13	−13	−2	+9	0	2.44
31029		06 30 39.48	+23 32 16.7	8.27		H	97.664 492 38	+23.537 983 32		2.45	6.33	−12.73	1.19	0.82	1.27	1.45	1.05	−5	+43	−15	+12	−31	+6	−17	−11	+12	+20	0	1.06
31030		06 30 39.59	−17 55 17.5	7.74		H	97.664 964 79	−17.921 537 19		14.53	−162.02	−208.53	0.61	0.59	0.91	0.70	0.72	+14	+9	−17	−18	−19	−3	−20	−27	+17	−6	0	−1.09
31031		06 30 40.14	+25 53 03.6	8.30		H	97.667 231 23	+25.884 323 33		2.96	−1.78	−0.03	1.17	0.77	1.27	1.51	1.05	−13	+29	−27	+24	−9	−2	−5	−13	+21	−12	6	0.71
31032	H	06 30 40.68	−40 26 53.4	6.68		G	97.669 506 73	−40.448 156 67	A	0.99	−3.75	6.74	1.04	1.03	1.07	1.03	1.50	−7	+0	−2	+0	+13	+18	+22	+7	−2	−6	2	0.02
31033		06 30 40.73	+20 25 17.4	8.11		H	97.669 696 99	+20.421 506 67		5.04	−9.45	−3.00	1.22	0.75	1.31	1.25	0.85	−20	+52	−22	+20	−3	+14	+4	−24	−1	+3	0	1.35
31034		06 30 44.82	−61 36 30.2	8.86		H	97.686 733 00	−61.608 393 60		10.35	−30.81	−26.01	0.84	0.76	0.88	0.91	0.78	−13	+20	−6	−20	−9	−12	−9	+0	−14	−27	0	−0.19
31035		06 30 45.13	+43 52 50.9	7.68		H	97.688 049 80	+43.880 816 18		3.50	−3.33	−20.01	0.85	0.58	0.92	1.10	0.66	+21	+24	−21	+5	−10	+7	+1	−31	+4	+52	0	−0.50
31036		06 30 45.63	+29 49 42.9	8.08	1	H	97.690 119 06	+29.828 579 16		6.51	−18.84	−31.05	1.23	0.85	1.22	1.81	1.12	+35	+8	−21	−24	−59	+27	−51	−53	+29	+38	2	−0.33
31037		06 30 46.29	−27 46 10.5	5.92		G	97.692 888 57	−27.769 589 10		2.89	−7.55	5.87	0.40	0.40	0.59	0.50	0.48	+9	+4	+7	−3	−28	−2	−27	+1	+0	+6	0	−0.34
31038	H	06 30 47.06	+10 03 46.5	9.13		G	97.696 070 99	+10.062 912 09	A	1.33	−1.78	−5.43	2.93	2.21	2.59	2.26	1.93	−14	+25	−25	−25	+22	−5	+13	−34	−8	−25	3	0.32
31039		06 30 47.14	+58 09 48.4	5.86		H	97.696 422 28	+58.163 456 82		17.56	−30.02	−338.85	0.68	0.49	0.76	0.86	0.64	+21	+26	+1	+13	−1	+5	+6	−1	+29	+17	0	0.57
31040		06 30 47.35	−03 42 47.1	7.54	1	H	97.697 273 61	−03.713 084 36		4.06	−5.30	−11.32	0.82	0.63	1.04	0.77	0.70	−22	+48	−42	−28	−17	−13	−29	−11	−8	+1	0	1.73
31041		06 30 49.36	+02 32 16.9	8.06		H	97.705 687 03	+02.538 038 38		2.25	1.02	−20.58	1.00	0.75	1.08	1.17	0.91	+6	+34	−8	+0	−18	−24	−21	+6	−4	−11	0	−0.99
31042		06 30 49.82	−09 39 14.8	8.83		H	97.707 563 90	−09.654 111 77	A	4.62	−3.28	0.71	2.47	2.00	2.53	2.99	2.45	−1	+23	−29	−41	−14	−6	+1	−68	+35	+28	10	2.73
31043		06 30 50.03	−35 50 02.4	11.42		H	97.708 463 94	−35.833 995 80		2.23	17.42	10.15	1.62	1.53	2.13	2.08	2.19	−5	+7	+8	+5	+3	+17	+3	−28	−11	−1	0	0.24
31044		06 30 50.14	+23 35 09.9	9.46		H	97.708 913 25	+23.586 077 79		−0.19	0.55	−20.85	1.51	1.02	1.60	1.97	1.25	+12	+31	−9	+15	+11	+24	+10	−30	−2	+13	0	1.12
31045		06 30 50.25	−09 39 05.1	10.28		H	97.709 368 00	−09.651 416 23	B	−3.40	2.81	1.41	10.33	7.72	8.83	10.36	8.53	−5	+18	−25	−20	−8	−15	+7	−56	+33	+26	10	2.73
31046		06 30 50.93	+24 23 03.6	8.58		H	97.712 218 85	+24.384 338 32		11.54	6.75	−27.65	1.34	0.98	1.72	1.61	1.16	−12	+44	−51	+9	−38	+34	+2	−45	+44	+37	0	0.39
31047		06 30 51.62	−35 00 01.7	7.14		H	97.715 080 04	−35.000 479 74		5.76	−11.27	28.24	0.47	0.44	0.61	0.57	0.55	−1	+16	+8	+12	+4	+18	+1	−11	+1	−8	0	0.31
31048		06 30 52.74	−32 30 11.1	8.67		H	97.719 756 65	−32.503 084 38		5.60	−20.55	23.69	0.66	0.63	0.89	0.77	0.84	−18	+24	−18	+6	+5	−5	+5	−14	+7	−19	0	−0.60
31049		06 30 53.38	+34 50 17.2	8.33		H	97.722 413 65	+34.838 122 27		2.79	7.39	−3.79	1.03	0.65	1.17	1.38	0.89	+16	+17	−21	+14	−3	−3	−1	−32	+29	+15	0	−0.40
31050		06 30 53.43	+36 31 50.8	9.88		H	97.722 628 23	+36.530 773 78		−0.69	−32.66	1.75	1.55	0.84	1.86	1.74	1.13	+19	+56	+9	−12	−4	−20	+7	−39	+20	+5	0	−1.59
31051		06 30 57.03	−47 15 27.3	8.31		H	97.737 620 43	−47.257 579 51		1.35	−6.93	−5.62	0.71	0.67	0.76	0.83	0.79	−12	−5	−3	+23	−8	−1	−10	−8	+10	−18	0	0.41
31052		06 30 57.15	+64 58 39.6	8.56		H	97.738 119 47	+64.977 672 89		2.86	−0.22	−24.50	0.63	0.69	1.14	0.76	0.70	−4	+24	−34	−5	−15	−3	−13	−12	+7	−10	0	−1.80
31053		06 30 57.65	+21 48 17.0	7.52		H	97.740 228 64	+21.804 735 53		−0.41	−0.16	−1.74	1.17	0.80	1.38	1.32	0.86	−13	+52	−50	+29	−7	+24	+28	−25	+23	+57	0	0.74
31054		06 30 59.72	+32 48 19.6	7.43	2	H	97.748 852 29	+32.805 450 21		1.56	−21.06	−18.96	1.12	0.66	1.26	1.08	0.69	−24	+57	−16	−2	+6	+15	+13	−46	+1	+0	0	1.13
31055		06 30 59.82	−14 29 20.3	8.69		H	97.749 257 39	−14.488 977 23		3.66	−4.59	4.21	0.77	0.59	0.96	0.90	0.79	+1	+33	−22	−40	−7	−11	+0	−50	+25	+10	0	−0.68
31056		06 30 59.90	−40 54 58.6	6.19		G	97.749 580 26	−40.916 279 90		5.61	−6.07	10.85	0.49	0.46	0.59	0.60	0.70	+3	+20	−8	+12	−6	+26	−4	−5	+1	+14	3	−0.12
31057		06 31 01.11	−66 52 14.6	7.22	2	H	97.754 620 84	−66.870 724 74		2.91	1.56	14.46	0.59	0.52	0.59	0.41	0.61	−8	+28	−6	−71	+6	−22	+9	+0	+12	−11	1	−0.80
31058		06 31 03.10	+39 45 16.9	6.66		G	97.762 916 94	+39.754 690 53		6.11	−0.18	−28.80	0.71	0.48	0.81	0.87	0.53	+13	+27	−6	−8	−9	+4	−5	−44	−2	+26	0	−1.31
31059		06 31 03.14	−35 28 44.5	8.13		H	97.763 064 99	−35.479 023 16		10.86	31.82	−109.61	0.56	0.53	0.73	0.70	0.68	−2	+13	+5	−8	+5	+16	+3	−10	−9	+1	0	−0.68
31060		06 31 03.96	+65 09 42.4	7.97		H	97.766 484 40	+65.161 779 67		3.50	−4.37	−111.11	0.57	0.62	0.96	0.67	0.63	+2	+22	−22	−10	−14	+4	−12	−20	+4	−7	0	−0.72
31061		06 31 04.55	−43 43 01.7	6.68		H	97.768 969 28	−43.717 137 99		6.51	−32.27	30.55	0.46	0.48	0.54	0.51	0.63	+2	−2	−12	+2	−3	+7	−3	+6	−15	+2	0	0.66
31062		06 31 05.69	−59 00 17.0	7.65		G	97.773 714 87	−59.004 724 40		5.69	32.47	49.33	0.54	0.59	0.60	0.60	0.64	−2	+5	+1	+4	−9	−13	−9	+10	−7	−14	0	−0.65
31063		06 31 07.24	+48 48 29.9	8.36		H	97.780 149 12	+48.808 305 74		4.58	−1.22	−24.65	0.97	0.67	1.21	1.15	0.76	−15	+21	+4	+17	+45	+5	+37	−13	+4	−38	0	1.32
31064		06 31 09.25	−16 41 53.7	8.61		H	97.788 560 79	−16.698 246 50		4.88	−6.97	−0.21	0.78	0.69	1.20	0.96	0.86	+11	+13	+2	−1	−5	+14	−12	−36	+13	−10	0	−0.29
31065	H	06 31 09.34	+09 56 23.4	7.85	2	H	97.788 931 11	+09.939 823 37	A	0.54	−1.93	−4.17	1.93	1.45	1.76	1.55	1.28	−17	+16	−42	−23	+3	+0	+3	−42	−1	−4	3	0.48
31066		06 31 09.56	+11 15 05.0	6.17		H	97.789 835 09	+11.251 381 66	A	0.59	4.60	−2.53	1.77	1.41	1.58	1.91	1.59	−19	+21	−11	−10	+22	−14	+17	−33	−15	−26	4	1.83
120003		06 31 09.63	+11 15 21.1	9.10		G	97.790 108 31	+11.255 856 92	B	20.03	1.84	−14.47	50.59	40.79	18.50	32.94	26.14	−20	+33	−7	−8	+24	−7	+16	−28	−13	−40	4	1.83
31067		06 31 10.03	+16 56 19.1	6.18		H																							
31068		06 31 10.65	−61 52 46.5	6.15	1	H	97.794 376 40	−61.879 570 75		2.84	−9.53	10.74	0.50	0.44	0.50	0.52	0.48	−5	+14	−4	−17	−10	−3	−7	+7	−10	−22	0	0.87
31069		06 31 11.17	+05 52 37.5	8.94		H	97.796 557 34	+05.877 084 09		32.09	−156.35	−62.69	1.69	1.27	2.06	1.48	1.20	−38	+56	−44	−26	+28	−34	+4	−4	−18	+12	0	1.03
31070		06 31 11.87	−37 58 30.1	12.36		H	97.799 477 77	−37.975 039 97		6.69	−4.60	16.64	2.89	2.74	3.56	3.61	3.78	+0	+12	+5	+2	−12	+9	−16	−35	+6	−8	0	−1.10
31071	H	06 31 12.32	−70 30 57.9	7.38		G	97.801 330 91	−70.516 082 78	*	7.84	−28.06	33.98	0.57	0.53	0.56	0.68	0.62	−5	+5	+5	−31	+2	+17	+2	−21	−13	−24	0	−1.96
31072		06 31 13.10	−35 15 31.9	5.82		H	97.804 572 02	−35.258 861 11		4.02	−2.48	8.55	0.47	0.41	0.59	0.59	0.51	−0	+21	+4	−17	+3	+2	+0	−13	−5	+1	0	1.03
31073		06 31 14.87	+09 47 25.0	8.83		G	97.811 947 28	+09.790 291 04		1.05	−1.20	−4.18	1.21	0.90	1.37	1.10	0.91	−5	+45	−20	−21	+4	−3	−3	−37	−14	+1	0	0.25
31074		06 31 15.40	−67 34 51.3	7.91		H	97.814 150 01	−67.580 919 63		7.25	−1.67	14.24	0.57	0.56	0.60	0.56	0.65	−14	+23	−16	−16	+5	−8	+4	−3	−2	−12	2	0.73
31075		06 31 15.63	−13 36 06.4	7.66	1	H	97.815 140 11	−13.601 765 64		11.16	−11.62	29.91	0.75	0.54	1.01	0.79	0.71	−18	+43	−29	−26	+1	+0	+19	−44	+40	−3	0	−0.78
31076		06 31 15.76	−49 37 00.8	7.41		H	97.815 660 71	−49.616 878 01		5.28	4.25	10.09	0.61	0.63	0.68	0.78	0.93	+10	−1	−26	−12	−9	+14	−6	−17	+6	+14	0	−0.46
31078		06 31 17.45	−26 30 45.0	9.75		H	97.822 725 53	−26.512 490 36		12.45	285.67	103.82	0.88	1.02	1.51	1.06	1.05	−5	−4	+13	+8	−29	−1	−26	+9	+9	−6	2	1.17
31079		06 31 18.22	−51 49 34.3	5.58		H	97.825 913 72	−51.826 207 19		26.87	102.50	104.60	0.45	0.45	0.48	0.50	0.48	−5	+12	−10	+2	−11	+3	−11	−2	−1	−14	0	−1.13
31080		06 31 19.49	+53 46 31.0	7.69		H	97.831 200 72	+53.775 266 02		5.66	0.79	−28.81	0.93	0.79	1.02	1.12	0.88	−29	+2	+15	−10	+58	+17	+52	−42	−23	−35	2	−0.19
31081	H	06 31 19.81	−27 06 02.1	9.28		H	97.832 530 17	−27.100 596 32	A	1.38	−5.74	3.16	1.86	1.98	2.50	1.73	1.82	−11	+1	−2	+21	−18	+4	−14	−9	+15	−10	1	0.34
31082		06 31 20.03	−49 45 17.5	8.80		H	97.833 451 21	−49.754 848 92		4.78	−6.62	26.39	0.74	0.79	0.84	0.92	1.14	+2	+9	−23	−15	−7	+11	−4	−22	+7	+11	0	−0.04
31083		06 31 21.55	+02 54 40.6	7.14		H	97.839 811 64	+02.911 269 00		35.72	−110.98	11.65	0.79	0.61	0.88	0.76	0.65	+12	+36	−10	−15	−4	−14	−11	+1	−14	+21	0	0.35
31084		06 31 23.02	−12 23 30.9	5.16		G	97.845 915 44	−12.391 909 22		9.51	42.10	−17.87	0.76	0.52	0.79	0.91	0.67	−7	+38	−21	−48	−13	−13	−4	−62	+22	+20	0	−1.00
31085		06 31 23.26	−01 34 11.5	10.06		G	97.846 905 17	−01.569 862 59		18.12	−248.12	−342.16	1.76	1.31	1.92	1.76	1.50	−3	+43	−23	−43	−9	−20	−21	−24	−21	−7	0	−1.52
31086		06 31 24.01	−32 52 06.8	6.31	2	H	97.850 029 81	−32.868 565 38		3.30	−17.02	6.94	0.44	0.43	0.60	0.48	0.58	−3	+29	−14	+21	−2	+12	+2	−22	+14	−4	0	0.20
31087	H	06 31 24.03	−12 13 36.2	8.08	1	H	97.850 130 45	−12.226 715 67	A	3.25	−7.36	1.13	1.40	1.09	1.45	1.46	1.18	−4	+16	−10	−38	−3	+1	+0	−47	+28	+11	2	−0.17
31088		06 31 24.24	−12 33 34.9	6.80	1	H	97.850 992 09	−12.559 685 65		2.22	−4.07	0.10	0.67	0.52	0.87	0.87	0.69	−16	+29	−31	−37	+10	−6	+19	−58	+39	−11	2	0.68
31089	H	06 31 25.83	+07 49 20.5	8.29		H	97.857 629 14	+07.822 348 22	*	16.35	21.67	−3.74	1.07	0.80	1.26	1.10	0.85	−7	+36	−22	−1	−13	−26	−21	+3	−8	+8	0	1.06
31090		06 31 26.86	+52 47 03.7	8.87		H	97.861 903 72	+52.784 349 56		2.34	2.19	−1.22	1.09	0.80	1.24	1.29	1.01	−19	+39	+5	−11	+41	−2	+38	−41	+12	−38	0	0.46
31091		06 31 28.52	−22 02 16.0	8.45		H	97.868 845 58	−22.037 782 49		0.11	−4.11	1.84	0.61	0.60	0.95	0.68	0.72	−2	+6	+12	+56	−16	−1	−8	+14	+5	+17	3	1.08
31092		06 31 29.49	−21 24 20.2	6.58		H	97.872 893 22	−21.405 604 30		10.74	0.86	23.58	0.41	0.39	0.66	0.43	0.45	+2	+8	+0	+50	−28	+11	−22	+4	+9	+20	0	−0.80
31093		06 31 30.01	−16 23 53.8	8.80		G	97.875 026 50	−16.398 274 08		2.46	−3.01	1.57	0.72	0.66	1.18	0.94	0.80	+16	+21	−6	−4	−13	+19	−13	−33	+14	+2	0	0.53
31094		06 31 30.31	−20 44 03.5	8.85		H	97.876 300 97	−20.734 294 22		1.22	5.63	−17.66	0.67	0.64	1.16	0.72	0.72	+0	+10	−8	+47	−34	+26	−26	+2	+22	+20	0	−0.55
31095		06 31 31.17	+61 21 00.1	7.67		H	97.879 891 84	+61.350 021 02		4.51	16.96	−1.88	0.77	0.62	0.96	0.97	0.68	+4	+22	−3	+6	+14	+23	+15	−3	+11	+12	0	−3.21
*31096		06 31 31.58	+37 10 40.9	6.64		H	97.881 595 74	+37.178 022 08		2.04	−4.91	−8.29	0.77	0.48	0.95	0.97	0.61	+3	+33	−9	−5	−11	−19	−5	−36	+22	−1	0	−1.74
*31097		06 31 31.54	−38 51 54.5	12.72		H	97.881 405 30	−38.865 139 75		3.54	−4.39	6.26	3.74	4.06	4.97	4.52	5.64	−7	+16	+4	+3	+4	+25	+5	−37	+11	−4	3	1.02
31098		06 31 33.28	+15 25 20.1	7.69		G	97.888 671 52	+15.422 256 85		6.39	−16.91	0.46	0.97	0.79	1.09	1.26	0.86	+22	+16	−43	−24	−30	+0	−28	−30	+10	+55	0	0.98
31099		06 31 34.95	−36 56 24.7	6.26	2	H	97.895 613 14	−36.940 196 36		3.50	1.54	69.73	0.44	0.43	0.56	0.43	0.53	+0	+2	−1	+1	−6	+14	−7	−10	−2	−1	0	−1.37
31100		06 31 35.03	+16 49 41.8	7.04		H	97.895 971 54	+16.828 290 78		1.17	−2.27	−4.65	1.10	0.90	1.18	1.32	1.07	+25	+25	−46	−39	−46	+13	−35	−54	+29	+44	0	0.74

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
31001	7.045	0.005	6.870	0.005		0.168	0.007	T	0.18	0.01	L	6.9056	0.0009	0.008	106		6.89	6.92					1							S
31002	6.883	0.006	6.825	0.007		0.058	0.009	T	0.07	0.01	L	6.8284	0.0013	0.008	82		6.82	6.85		C			1							S
31003	8.908	0.012	7.752	0.008		0.993	0.011	T	0.97	0.01	L	7.8057	0.0013	0.011	102		7.79	7.83		C			1							S
31004	8.988	0.012	7.665	0.007		1.123	0.011	T	1.09	0.01	L	7.7058	0.0014	0.011	133		7.69	7.72					1 S							
31005	8.820	0.009	8.344	0.009	A	1.100	0.495	G	0.51	0.04	L *	8.2649	0.0026	0.030	180	*	8.23	8.36		U 2 C	06304−2409	I 1	2 C A	AB	140	4.385	0.006	1.84	0.03	S
31006	6.672	0.005	6.683	0.005		−0.012	0.003	G	0.01	0.00	H	6.7019	0.0008	0.006	93		6.69	6.71		C			1							S
31007											T	12.5105	0.0119	0.117	86		12.31	12.72		U			1							G
31008	8.191	0.008	8.208	0.010		0.004	0.015	G	0.02	0.01	H	8.2153	0.0057	0.038	106		8.15	8.26	2.01	P 1 A			1							P
31009	9.739	0.024	7.926	0.011		1.520	0.015	G	1.56	0.02	H	7.8780	0.0017	0.014	78		7.86	7.90		C			1							
31010	8.375	0.012	7.091	0.008		1.093	0.011	T	1.05	0.01	L	7.1318	0.0016	0.010	61		7.12	7.14			06304−0301	I 1	1							S
31011	7.383	0.004	7.453	0.005		−0.065	0.000	G	−0.04	0.00	H	7.4584	0.0009	0.010	162		7.44	7.47		C			1							S
31012	7.833	0.010	7.916	0.011		−0.071	0.013	T	−0.05	0.01	L	7.9124	0.0010	0.010	90		7.90	7.93		C			1							S
31013	8.947	0.015	8.407	0.014		0.515	0.015	G	0.59	0.02	H	8.4578	0.0024	0.015	80		8.43	8.48					1							
31014	9.446	0.029	8.817	0.026		0.560	0.020	G	0.63	0.02	H	8.9017	0.0026	0.014	48		8.86	8.93		C			1							
31015	7.123	0.008	7.272	0.009	*	−0.136	0.009	G	−0.13	0.01	H *	7.2664	0.0014	0.010	60	*	7.25	7.29		D	06305+0420	I 1	2 C A	AB	211	9.540	0.017	3.04	0.07	S
31016	9.846	0.021	8.292	0.011		1.340	0.002	G	1.30	0.00	H	8.2897	0.0015	0.014	117		8.27	8.31		C			1							
31017	6.744	0.007	6.760	0.007		−0.013	0.009	T	0.01	0.01	L	6.7561	0.0017	0.054	114		6.74	6.91	1.76	P 1 A	06305−1457	I 1	1 S							S
31018	9.116	0.012	8.705	0.013		0.427	0.015	G	0.49	0.02	H	8.7695	0.0018	0.019	164		8.73	8.81					1							
31019	7.028	0.011	6.766	0.009		0.249	0.013	T	0.28	0.02	L	6.7708	0.0077	0.048	48		6.67	6.83		U 2			1							S P
31020	7.970	0.007	6.701	0.005		1.081	0.007	T	1.04	0.01	L	6.7442	0.0006	0.007	130		6.73	6.76					1							S
31021	9.699	0.019	9.061	0.017		0.587	0.019	T	0.66	0.02	L	9.0685	0.0024	0.027	106		9.04	9.12		U 2			1							
31022	10.240	0.028	8.301	0.011		1.600	0.063	G	1.62	0.16	O	8.1921	0.0025	0.019	115		8.17	8.23		U			1							
31023	7.980	0.008	7.677	0.009		0.288	0.011	T	0.33	0.01	L	7.7151	0.0017	0.020	82		7.69	7.75					1							S
31024						−0.137	0.003	G	−0.13	0.00	H	6.1141	0.0007	0.007	120		6.10	6.12		C	06306−1309	I 1	1							S
31025	9.905	0.022	8.210	0.010		1.416	0.019	T	1.40	0.03	L	8.1654	0.0021	0.022	114		8.13	8.21		U 2			1							
31026	10.795	0.036	8.928	0.013		1.552	0.030	T	1.57	0.03	L	8.8836	0.0023	0.024	142		8.85	8.93					1 S							
31027	10.981	0.054	9.033	0.019		1.651	0.047	T	2.12	0.11	O	8.8972	0.0040	0.030	92		8.84	8.94		U 2	06305+5147	I 1	1							
31028	6.922	0.004	7.122	0.004		−0.168	0.002	G	−0.17	0.00	H	7.0976	0.0012	0.012	159		7.08	7.13		U 2			1							S
31029	8.439	0.013	8.293	0.015		0.140	0.019	T	0.15	0.02	L	8.3251	0.0021	0.012	58		8.30	8.35		C			1 G							
31030	8.763	0.011	7.828	0.008		0.817	0.003	G	0.84	0.00	H	7.8840	0.0015	0.014	121		7.86	7.91		C			1							
31031	9.660	0.026	8.413	0.016		1.064	0.024	T	1.03	0.02	L	8.4628	0.0017	0.015	64		8.44	8.50					1							
31032	6.562	0.006	6.701	0.007	*	−0.112	0.005	G	−0.10	0.01	H *	6.6456	0.0007	0.006	116	*	6.64	6.66		D	06307−4027	I 1	2 C A	AB	306	0.804	0.002	0.22	0.01	S
31033	8.212	0.019	8.099	0.022		0.110	0.027	T	0.12	0.03	L	8.1543	0.0023	0.013	50		8.14	8.18			06307+2025	I 1	1							
31034	9.565	0.023	8.946	0.021		0.573	0.023	T	0.65	0.02	L	8.9859	0.0017	0.017	79		8.96	9.01					1							
31035	9.366	0.018	7.819	0.010		1.299	0.016	T	1.26	0.02	L	7.8337	0.0013	0.010	82		7.81	7.85		C			1							
31036	8.492	0.013	8.138	0.014		0.351	0.002	G	0.41	0.00	H	8.1657	0.0030	0.020	78		8.14	8.20		U			1							S
31037	5.707	0.003	5.889	0.003		−0.156	0.003	G	−0.16	0.00	H	5.8667	0.0007	0.008	155		5.85	5.88					1							S
31038	9.229	0.020	9.332	0.028	A	−0.060	0.015	G	−0.04	0.01	H *	9.1241	0.0020	0.018	64	*	9.09	9.16		D	06308+1004	I 1	2 C A	AB	358	1.731	0.011	1.31	0.06	
31039	7.039	0.006	5.960	0.005		0.934	0.006	T	0.93	0.00	L	6.0181	0.0006	0.005	73		6.01	6.03		D	06309+5810	I 1	1							S
31040	7.799	0.009	7.579	0.009		0.210	0.012	T	0.23	0.01	L	7.6022	0.0015	0.015	90		7.58	7.63		M			1							S
31041	9.687	0.025	8.195	0.014		1.256	0.023	T	1.21	0.02	L	8.2209	0.0019	0.013	54		8.20	8.24		C			1							
31042	9.089	0.011	8.843	0.012	A	0.234	0.015	T	0.26	0.02	L	8.9017	0.0058	0.043	176	A	8.85	9.00		D	06308−0939	I 2	1 C P A							
31043	12.072	0.186	11.387	0.149		0.527	0.004	G	0.60	0.00	H	11.5392	0.0059	0.054	118		11.43	11.63					1							G
31044	11.023	0.071	9.567	0.032		1.227	0.061	T	1.19	0.06	L	9.6256	0.0035	0.017	56		9.60	9.67		C			1							G
31045	10.373	0.029	10.050	0.034	B	0.307	0.042	T	0.35	0.06	L	10.4186	0.0183			B				D	06308−0939	I 2	1 C I A							
31046	9.148	0.024	8.617	0.023		0.498	0.030	T	0.57	0.03	L	8.6922	0.0020	0.012	53		8.66	8.72					1							
31047	7.392	0.006	7.162	0.005		0.214	0.008	T	0.24	0.01	L	7.2111	0.0009	0.010	126		7.20	7.23					1							S
31048	8.837	0.012	8.673	0.014		0.150	0.017	T	0.17	0.02	L	8.7227	0.0017	0.015	137		8.70	8.75		C			1							
31049	9.511	0.016	8.426	0.011		0.938	0.015	T	0.93	0.01	L	8.4928	0.0017	0.016	102		8.46	8.52					1							
31050	10.419	0.032	9.896	0.031		0.491	0.040	T	0.56	0.04	L	9.9901	0.0034	0.025	113		9.94	10.03					1							G
31051	9.986	0.024	8.467	0.013		1.277	0.021	T	1.24	0.02	L	8.4640	0.0021	0.014	108		8.44	8.49		C			1							
31052	10.563	0.030	8.711	0.012		1.540	0.026	T	1.59	0.06	L	8.6819	0.0015	0.017	160		8.65	8.71		C			1							
31053	8.682	0.016	7.621	0.012		0.920	0.015	T	0.92	0.01	L	7.6814	0.0017	0.010	48		7.66	7.70		C			1							S
31054	9.568	0.023	7.644	0.010		1.631	0.021	T	2.32	0.05	O	7.4692	0.0039	0.036	65		7.43	7.52		U 2			1 S							S P
31055	8.652	0.010	8.672	0.013		−0.016	0.014	T	0.01	0.01	L	8.6901	0.0016	0.015	121		8.67	8.72		C			1							
31056	8.021	0.008	6.338	0.004		1.398	0.003	G	1.33	0.04	E	6.3371	0.0012	0.008	101		6.32	6.35					1							S
31057	9.074	0.013	7.476	0.007		1.363	0.012	T	3.33	0.04	O	7.0028	0.0159	0.156	102		6.77	7.24		U 2			1 S							
31058	6.660	0.004	6.654	0.006		0.004	0.002	G	0.02	0.00	H	6.6659	0.0008	0.007	89		6.65	6.68		C			1							S
31059	8.757	0.010	8.193	0.009		0.532	0.010	T	0.60	0.01	L	8.2430	0.0015	0.013	127		8.22	8.26		C			1							S
31060	9.200	0.011	8.081	0.008		0.964	0.011	T	0.95	0.01	L	8.1369	0.0014	0.016	166		8.11	8.17					1							S
31061	7.938	0.007	6.792	0.004		0.977	0.044	G	0.99	0.02	A	6.8476	0.0009	0.007	126		6.83	6.86		C			1							S
31062	9.138	0.014	7.779	0.008		1.144	0.020	G	1.11	0.02	H	7.8120	0.0022	0.018	102		7.78	7.83					1							S
31063	8.667	0.013	8.366	0.014		0.286	0.018	T	0.33	0.02	L	8.4373	0.0019	0.016	95		8.40	8.46					1							
31064	9.818	0.020	8.689	0.013		0.972	0.019	T	0.96	0.01	L	8.7787	0.0020	0.019	120		8.75	8.81					1							
31065	8.131	0.015	7.934	0.016	*	0.188	0.021	T	0.21	0.02	L *	7.9160	0.0065	0.041	61	*	7.87	7.99	0.80	P 1 A	06312+0956	I 1	2 C A	AB	317	1.075	0.020	2.40	0.13	S
31066	5.993	0.009	6.128	0.009	A	−0.116	0.011	T	−0.10	0.01	L	6.1301	0.0124	0.038	47	A	6.05	6.17		D	06312+1115	I 2	1 C P A							S
120003	9.054	0.030	9.087	0.040	B	−0.039	0.009	G	−0.02	0.01	H	9.1173	0.1442			B					06312+1115	I 2	1 C I A							
31067											T	6.3438	0.0013	0.006	40		6.33	6.35		D	06312+1657	I 1	S							S G
31068	5.954	0.004	6.125	0.005		−0.147	0.006	T	−0.14	0.01	L	6.0992	0.0016	0.014	89		6.08	6.15	2.98	P 1 A			1							S
31069	10.176	0.047	9.114	0.030		0.911	0.044	T	0.91	0.03	L	9.0839	0.0046	0.024	55		9.03	9.11					1							
31070											T	12.4665	0.0108	0.081	90		12.26	12.62					1							G
31071	8.014	0.008	7.430	0.007	*	0.564	0.006	G	0.64	0.01	H *	7.4927	0.0009	0.008	97	*	7.47	7.51		C	06312−7031	H 1	2 C S A	AB	145	0.109	0.011	0.71	0.72	S
31072	6.832	0.004	5.915	0.003		0.813	0.005	G	0.85	0.04	E	5.9704	0.0006	0.005	123		5.96	5.98		C			1 G							S
31073	8.852	0.017	8.869	0.022		0.022	0.007	G	0.04	0.01	H	8.8535	0.0023	0.015	64		8.83	8.88		C			1							
31074	8.267	0.008	7.938	0.009		0.317	0.013	T	0.37	0.02	L	7.9841	0.0013	0.009	106		7.97	8.00		C			1							S
31075	8.062	0.009	7.692	0.008		0.359	0.015	G	0.42	0.02	H	7.7446	0.0019	0.019	124		7.72	7.77		U			1							S
31076	8.780	0.014	7.532	0.009		1.064	0.013	T	1.03	0.01	L	7.5747	0.0014	0.011	88		7.56	7.59		C			1							S
31078	10.594	0.032	9.830	0.026		0.707	0.000	G	0.76	0.00	H	9.8876	0.0030	0.036	170		9.83	9.95					1							G
31079	6.222	0.004	5.636	0.003		0.534	0.006	G	0.61	0.01	H	5.7004	0.0005	0.005	111		5.69	5.71					1							S
31080	8.991	0.015	7.795	0.010		1.024	0.014	T	1.00	0.01	L	7.8598	0.0016	0.011	81		7.84	7.88		C			1							S
31081	11.411	0.218	10.597	0.153	*	0.735	0.203	T	0.78	0.14	L *	9.4372	0.0033	0.034	169	*	9.39	9.50		R	06313−2706	I 1	2 C A	AB	306	2.348	0.013	1.71	0.07	S D
31082	9.525	0.020	8.867	0.017		0.610	0.022	T	0.68	0.02	L	8.9269	0.0020	0.018	87		8.90	8.96		C			1							
31083	7.998	0.009	7.216	0.009		0.710	0.010	T	0.76	0.01	L	7.2823	0.0013	0.009	57		7.27	7.30		C	06314+0255	I 1	1							S
31084	6.808	0.005	5.302	0.003		1.262	0.010	G	1.16	0.04	E	5.3270	0.0006	0.007	143		5.32	5.34		C	06314−1224	I 1	1 G							S
31085						0.849	0.013	G	0.89	0.01	H	10.2022	0.0023	0.021	45		10.16	10.25					1							G
31086	8.495	0.014	6.530	0.010		1.665	0.014	T	2.36	0.07	O	6.3473	0.0124	0.100	138		6.24	6.50		U 2			1 S							S
31087	9.320	0.012	8.199	0.008	*	0.965	0.011	T	0.95	0.01	L *	8.2471	0.0018	0.021	140	*	8.22	8.28		U	06314−1214	H 1	2 C D	AB	126	0.464	0.046	3.71	0.20	D
31088	6.588	0.003	6.773	0.004		−0.161	0.004	T	−0.16	0.01	L	6.7403	0.0011	0.013	130		6.72	6.76		U 2			1							S
31089	9.014	0.020	8.356	0.018	*	0.610	0.023	T	0.68	0.02	L *	8.4235	0.0023	0.014	56	*	8.41	8.45		D	06314+0749	I 1	2 C S A	BA	322	0.167	0.019	0.66	0.51	
31090	9.304	0.020	8.908	0.020		0.397	0.013	G	0.46	0.01	H	8.9647	0.0017	0.017	81		8.93	8.99		C			1							
31091	8.416	0.008	8.436	0.010		−0.016	0.011	T	0.01	0.01	L	8.4593	0.0016	0.019	158		8.43	8.50					1							
31092	6.882	0.003	6.610	0.003		0.256	0.004	T	0.29	0.01	L	6.6529	0.0005	0.009	219		6.64	6.67					1							S
31093	8.726	0.010	8.775	0.013		−0.026	0.015	G	0.00	0.01	H	8.7959	0.0016	0.017	121		8.77	8.83		C			1							
31094	8.904	0.009	8.850	0.011		0.054	0.002	G	0.07	0.00	H	8.8787	0.0016	0.022	197		8.85	8.92					1							
31095	9.037	0.014	7.783	0.009		1.069	0.013	T	1.03	0.01	L	7.8346	0.0015	0.013	98		7.82	7.86		C			1							S
31096	7.828	0.006	6.741	0.005		0.940	0.006	T	0.93	0.00	L	6.7972	0.0009	0.007	100		6.78	6.81		C			1							S
31097											T	12.8312	0.0196	0.137	79		12.63	13.07					1							G
31098	7.952	0.011	7.709	0.013		0.215	0.015	G	0.24	0.02	H	7.7704	0.0015	0.011	57		7.76	7.79					1							S
31099	8.359	0.009	6.474	0.006		1.599	0.009	T	2.31	0.04	O	6.3002	0.0054	0.042	132		6.24	6.36	22.25	P 1 A			1 S							S
31100	8.936	0.043	7.149	0.021		1.488	0.038	T	1.51	0.06	L	7.1686	0.0018	0.010	42		7.16	7.19					1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
31101		06 31 36.10	−05 22 07.4	7.46		G	97.900 396 15	−05.368 732 09		3.24	−3.88	−1.44	0.73	0.49	0.90	0.69	0.60	−28	+46	−30	−32	−11	−11	−7	−48	+15	+3	0	−0.25
31102		06 31 36.29	+37 26 12.7	8.78		H	97.901 190 64	+37.436 856 95		0.10	2.56	−16.90	1.10	0.75	1.41	1.44	0.99	−9	+27	−23	−20	+0	−4	+9	−59	+35	−3	0	−2.91
31103		06 31 36.67	+54 52 17.1	8.07		H	97.902 812 04	+54.871 414 69		0.71	−0.59	−3.20	0.93	0.69	1.13	1.02	0.72	+14	+24	−16	+21	+23	+1	+23	−17	+17	+12	0	−0.23
31104	H	06 31 36.68	+32 09 58.5	7.15		H	97.902 818 28	+32.166 253 35	A	1.30	5.49	−24.41	1.14	0.94	1.37	1.61	0.88	−49	+40	−37	−15	−16	+36	+21	−52	+25	−5	1	0.33
31105		06 31 37.44	+15 54 12.7	6.38		H	97.905 993 52	+15.903 533 53		9.75	−7.78	−13.28	0.92	0.74	1.11	1.36	0.91	+11	+29	−53	−24	−29	+4	−21	−37	+17	+64	6	0.76
31106		06 31 38.40	+05 01 36.4	7.96		H	97.909 990 21	+05.026 774 45		−1.12	0.20	0.79	1.29	0.86	1.30	1.05	0.87	−34	+57	−23	−44	+20	−20	+12	−40	−2	−28	0	0.22
31107		06 31 39.38	+11 47 32.3	6.64		G	97.914 103 14	+11.792 292 00		1.22	−10.24	−6.88	0.98	0.70	1.09	0.93	0.78	−1	+42	+10	−10	+26	+2	+7	−40	−35	−7	0	1.56
31108		06 31 39.74	+16 06 52.2	10.43	2	H	97.915 590 36	+16.114 503 43	*	12.82	−3.57	−1.51	2.85	2.35	3.03	4.14	2.83	−7	+38	−48	−29	−32	+10	−16	−49	+28	+51	0	2.57
31109	T	06 31 39.77	+05 46 10.0	8.52		H	97.915 720 86	+05.769 431 40	B	−22.14	−29.73	9.72	43.05	42.02	6.43	6.92	5.24	−46	+7	−3	−9	+3	−19	+2	−2	−2	−11	40	4.06
31110		06 31 40.54	+05 46 08.8	7.21		H	97.918 904 54	+05.769 120 15	A	−22.14	−29.73	9.72	8.40	5.92	6.43	6.92	5.24	−25	+37	−19	−45	+19	−19	+12	−17	−2	−11	40	4.06
31111		06 31 40.94	+11 06 07.9	8.19		G	97.920 566 36	+11.102 195 25		2.44	5.78	−3.05	1.15	0.87	1.32	1.26	1.09	−20	+28	+2	−9	+29	−1	+13	−39	−37	−27	0	0.78
31112		06 31 41.76	+43 42 52.1	8.09		H	97.923 981 67	+43.714 460 66		2.54	−2.17	−1.94	0.92	0.66	1.02	1.12	0.71	+24	+26	−11	−9	−22	+14	−12	−42	+12	+43	0	−2.24
31113	H	06 31 43.36	−34 30 01.4	9.02	2	H	97.930 663 96	−34.500 391 27	A	1.65	−3.16	5.27	1.59	1.29	1.39	1.24	1.40	+6	+10	+3	+30	+11	+8	+11	−10	−9	−5	1	1.91
31114		06 31 43.94	+24 58 55.9	9.56		H	97.933 082 97	+24.982 184 33		4.13	−7.14	−1.33	1.43	1.08	1.70	2.06	1.47	+9	+31	−39	−11	−36	+33	−11	−51	+37	+37	0	−0.80
31115		06 31 44.86	+02 00 59.0	7.46		H	97.936 925 88	+02.016 375 36		2.41	−6.53	−2.42	0.79	0.66	0.93	0.92	0.77	+15	+19	−22	−4	−2	−24	−11	+6	−17	+7	0	0.44
31116	H	06 31 45.20	−37 10 23.3	7.55	2	G	97.938 336 54	−37.173 139 95	A	1.79	−9.10	9.57	1.35	1.87	0.80	0.63	0.81	+20	+7	−6	+4	+2	+9	+6	+0	−6	+3	1	1.30
31117		06 31 45.77	+28 59 13.2	9.77		H	97.940 692 73	+28.987 006 60		3.73	−1.97	−17.47	1.52	0.89	1.60	1.85	1.06	−17	+29	+10	+22	−34	−4	−30	−28	+2	−20	0	0.06
31118		06 31 46.09	+06 47 08.0	7.28		G	97.942 039 39	+06.785 557 02		9.84	−54.49	−38.56	0.82	0.61	0.94	1.02	0.77	+12	+31	−28	−1	+13	−27	+1	+7	−21	+48	0	−0.44
31119		06 31 48.29	+11 32 39.6	5.22		H	97.951 201 80	+11.544 343 40		15.44	17.61	28.16	0.78	0.60	0.86	1.06	0.92	−16	+35	−4	+5	+30	+6	+5	−27	−31	−51	0	0.84
31120		06 31 49.58	+40 11 12.4	10.27		H	97.956 576 72	+40.186 765 72		4.19	11.35	−15.55	1.64	1.07	1.87	2.11	1.27	+9	+23	−10	−8	−2	−7	+3	−44	+3	+26	0	−0.95
*31121		06 31 50.07	−08 09 29.5	5.43		G	97.958 614 49	−08.158 181 15		3.75	−9.21	−22.16	0.71	0.51	0.84	0.79	0.64	−24	+32	−32	−23	−9	−13	−5	−38	+34	−34	0	−0.10
*31122		06 31 50.02	−53 15 45.7	8.69		H	97.958 405 49	−53.262 695 90		9.59	25.54	165.79	0.72	0.61	0.71	0.77	0.72	−4	+26	−3	−17	−10	+6	−10	−1	−7	−19	0	0.81
31123		06 31 51.07	−68 07 10.5	7.74		G	97.962 797 72	−68.119 570 57		6.86	−21.38	−60.60	0.59	0.60	0.63	0.63	0.85	−9	+30	+1	+2	+0	+6	−8	−18	−19	−25	1	1.39
31124		06 31 51.15	−38 04 17.4	8.16		H	97.963 107 29	−38.071 495 10		6.05	−6.05	39.93	0.63	0.59	0.77	0.84	0.75	−3	+18	−3	+12	−13	+17	−12	−26	+7	−3	0	−1.81
*31125		06 31 51.37	−23 25 06.4	4.34	1	T	97.964 034 33	−23.418 437 27		1.59	−2.72	6.45	0.31	0.45	0.70	0.40	0.51	−4	+10	+26	+21	−18	−10	−14	+3	−3	−3	0	−0.47
*31126	H	06 31 51.34	−43 32 02.3	10.58		G	97.963 901 20	−43.533 972 77	A	41.35	−275.00	−27.36	1.93	2.21	2.16	1.90	2.56	+2	−6	−5	−11	+0	−6	+1	+2	−19	−11	0	0.65
31127		06 31 51.55	+00 39 00.2	9.42		G	97.964 794 44	+00.650 043 29		12.05	−234.91	−76.32	1.23	1.02	1.60	1.36	1.13	−6	+33	−45	−16	+12	−27	−7	+2	−22	+0	0	−0.41
31128		06 31 52.53	+05 01 59.2	7.62		H	97.968 887 05	+05.033 104 84		−0.15	−0.02	0.51	1.20	0.81	1.23	0.96	0.77	−30	+55	−20	−45	+14	−21	+8	−33	−1	−24	0	−0.87
31129		06 31 54.84	+30 52 01.3	10.22		H	97.978 491 48	+30.867 033 44		0.64	−3.40	−1.96	2.10	1.54	2.20	3.15	1.76	+35	−1	−11	−56	−44	+47	−40	−80	+10	+40	0	0.08
31130		06 31 55.52	+04 56 34.3	6.75		H	97.981 337 65	+04.942 857 12		1.97	−1.19	0.64	0.83	0.62	0.88	0.73	0.61	−3	+33	−5	−37	+3	+1	−1	−35	−13	−6	3	1.12
31131		06 31 55.66	−18 03 44.2	6.59		H	97.981 908 45	−18.062 282 41		3.89	−5.09	8.86	0.54	0.50	0.81	0.62	0.68	+21	+11	−19	−29	−19	−14	−25	−31	+5	+9	0	3.47
31132		06 31 56.04	−27 43 51.6	10.96	2	H																							
31133		06 31 56.25	−29 18 34.5	7.47		H	97.984 354 97	−29.309 592 17		6.31	−4.20	−27.15	0.51	0.52	0.75	0.66	0.65	−2	+7	−3	+2	−20	−10	−18	+1	+17	−10	0	0.99
31134		06 31 56.82	−68 42 31.6	8.27		G	97.986 769 86	−68.708 770 81		36.05	−57.09	−450.42	0.63	0.61	0.68	0.62	0.62	+7	+25	−4	−7	−3	−2	−6	−25	−8	+2	1	−1.57
31135		06 31 57.30	−31 15 00.1	8.69		H	97.988 749 52	−31.250 017 69		1.60	5.82	8.63	0.58	0.63	0.87	0.69	0.78	−3	+8	−5	+9	−2	+24	+0	−20	−5	−1	0	1.46
31136		06 31 57.79	−02 46 56.9	8.71		H	97.990 809 33	−02.782 460 23		3.62	−7.79	−7.13	0.97	0.80	1.17	1.13	0.96	+19	+16	−44	−35	−22	−15	−31	−29	+14	+34	0	0.24
31137	H	06 31 58.31	−58 45 13.8	5.69		G	97.992 965 24	−58.753 840 73	A	4.50	−0.67	2.39	0.51	0.55	0.50	0.51	0.53	+9	+3	−2	+0	−9	−10	−10	+10	−2	−7	4	0.38
31138		06 31 58.53	−00 57 19.5	9.23		H	97.993 873 69	−00.955 418 14		2.56	−2.63	−1.91	1.64	1.19	1.41	1.57	1.33	+53	+30	+7	−67	−52	−26	−56	−62	−23	+52	0	−0.34
31139		06 31 59.45	+22 11 08.7	7.25		H	97.997 705 15	+22.185 752 37		2.02	1.14	−9.82	1.01	0.77	1.21	1.64	1.05	+15	+25	−47	+18	−20	+35	+17	−34	+38	+71	0	−0.62
31140		06 31 59.83	+19 55 05.8	8.32		H	97.999 278 43	+19.918 290 71		1.65	0.94	0.68	1.36	0.82	1.45	1.37	1.00	−14	+58	−22	+20	+10	+10	+5	−9	−10	+3	3	1.45
31141		06 32 01.17	+50 38 46.1	8.31		G	98.004 854 74	+50.646 144 74		9.98	33.98	−22.45	0.85	0.60	1.03	0.98	0.66	−14	+15	+2	+28	+28	−6	+24	+4	+17	−27	0	1.09
31142		06 32 02.40	+34 31 29.5	9.86		H	98.010 012 11	+34.524 866 27		33.99	−237.82	−229.83	1.38	0.84	1.67	1.79	1.12	+2	+25	−1	+6	−1	−18	+1	−34	+19	−8	2	−0.83
31143		06 32 02.75	+40 24 10.3	9.36		H	98.011 463 62	+40.402 854 66		27.65	−6.26	−152.12	1.21	0.82	1.35	1.55	0.95	+11	+11	−15	+2	−14	+9	−4	−40	+18	+29	0	−0.21
31144		06 32 03.20	+19 43 09.4	7.88		H	98.013 331 59	+19.719 274 70		2.29	−31.72	−4.96	1.57	0.87	1.83	1.31	0.89	−47	+75	−59	+9	−2	+0	+15	−31	+14	+17	0	2.23
31145		06 32 05.59	+77 02 33.4	8.30		H	98.023 296 67	+77.042 621 42		5.35	−9.75	−19.26	0.56	0.63	0.83	0.55	0.67	+9	+31	−10	+13	+8	+0	+9	+2	−1	+22	2	1.12
31146	H	06 32 06.86	−51 42 49.6	8.95		H	98.028 584 11	−51.713 778 66	A	1.23	−1.24	1.45	1.10	1.09	1.09	1.21	1.16	−6	+5	−14	−6	−5	+17	−2	−12	+11	−15	1	−0.37
31147	H	06 32 07.14	+06 02 08.4	6.70		G	98.029 760 30	+06.035 653 23	*	3.84	−4.77	−2.29	0.77	0.58	0.88	0.77	0.61	−1	+35	−28	−8	+14	−17	+6	−4	−14	+29	3	−0.23
31148		06 32 08.55	−27 01 56.0	11.42		G	98.035 630 85	−27.032 228 83		36.97	400.46	−244.21	1.52	1.72	2.55	1.93	2.10	+1	−1	+7	+2	−16	−2	−15	+4	+15	−1	2	0.85
31149		06 32 09.31	+04 49 24.7	7.29		H	98.038 782 43	+04.823 528 93		0.57	−0.23	0.49	0.90	0.70	0.95	0.87	0.72	−5	+23	−10	−36	−3	+7	−3	−30	−9	−16	0	−1.16
31150		06 32 09.93	−65 18 57.2	7.57		H	98.041 376 12	−65.315 875 83	+	9.86	−53.53	90.37	0.54	0.55	0.60	0.63	0.70	−10	+12	−18	−17	−7	+2	−5	−5	−4	−12	0	−1.35
31151		06 32 12.76	+54 47 43.4	8.24		H	98.053 186 65	+54.795 381 66		1.76	4.29	−23.61	0.93	0.67	1.11	1.02	0.71	+8	+29	−13	+18	+20	−1	+21	−17	+17	+5	2	−0.46
31152		06 32 15.16	−07 24 28.9	7.28		G	98.063 170 01	−07.408 039 55		5.66	−6.25	14.29	0.71	0.51	0.78	0.72	0.59	−8	+27	−8	−32	−11	−5	−12	−41	+8	−16	0	1.25
31153		06 32 16.07	+14 26 28.4	12.88		H																							
31154		06 32 16.90	+62 45 55.1	7.42		H	98.070 404 98	+62.765 299 46		4.37	24.72	−41.68	0.77	0.61	0.97	1.08	0.72	+19	+9	−2	+49	+18	+5	+10	+16	+18	−2	0	0.57
31155		06 32 17.53	+08 49 04.8	6.98		G	98.073 023 98	+08.818 004 44		5.85	−23.63	−17.84	0.80	0.64	0.96	0.85	0.73	+4	+10	+16	−15	+14	+4	+10	−37	−40	+11	0	0.68
31156		06 32 17.81	+17 46 46.4	6.91		G	98.074 191 34	+17.779 546 18	B	8.96	37.17	30.84	20.14	16.18	7.09	9.20	7.18	−21	+21	−38	−9	+0	+10	+13	−36	+22	+13	17	1.61
31157		06 32 18.38	+52 24 50.2	10.83		H																							
31158		06 32 18.52	+17 47 03.4	6.26		G	98.077 179 21	+17.784 286 26	A	9.21	36.43	25.96	3.04	2.45	2.33	3.14	2.45	−23	+20	−38	−24	+4	+6	+15	−49	+15	+16	17	1.61
31159		06 32 19.23	+04 51 21.6	5.88		H	98.080 108 78	+04.855 995 29		6.30	−35.56	1.57	0.89	0.68	0.94	0.73	0.59	−35	+43	−29	−42	+22	−11	+19	−37	+4	−16	0	−0.12
31160		06 32 19.38	−65 22 15.4	7.92		H	98.080 759 20	−65.370 947 02		5.08	−11.80	−10.11	0.56	0.58	0.59	0.65	0.72	−14	+15	−18	−13	−7	−3	−7	+2	+6	−16	0	−0.28
31161		06 32 19.56	−45 18 36.1	7.16		G	98.081 507 84	−45.310 014 14		4.13	22.71	−26.15	0.54	0.54	0.61	0.61	0.67	+5	−4	−8	−9	+3	−6	+5	+14	−11	−3	0	1.07
31162		06 32 19.97	+54 51 13.8	7.56		H	98.083 191 04	+54.853 838 84		10.59	−44.50	−119.94	0.77	0.63	1.02	0.86	0.63	+10	+20	−31	+24	+29	−11	+28	−2	+9	+19	2	−1.57
31163		06 32 20.63	−42 33 33.9	8.12		G	98.085 972 21	−42.559 425 33		3.61	−14.96	8.01	0.51	0.56	0.63	0.59	0.75	−7	+4	−9	−1	+3	+2	+3	−9	−15	−9	0	2.06
31164	H	06 32 20.70	+15 42 22.3	7.18	1	G	98.086 235 40	+15.706 192 07	A	6.73	−0.66	−3.65	1.49	1.24	1.55	1.76	1.18	+1	+14	−37	−28	−9	−2	−9	−36	+16	+30	1	−0.51
31165		06 32 21.33	−37 41 47.4	5.25		G	98.088 887 98	−37.696 513 76		11.95	73.30	−77.42	0.42	0.40	0.52	0.45	0.49	−6	+17	−3	+18	−9	+20	−11	−7	−5	−8	0	−0.51
31166		06 32 22.95	−20 03 00.2	8.62		G	98.095 634 35	−20.050 053 85		0.10	−4.23	−5.14	0.57	0.68	1.03	0.73	0.87	−24	−1	−17	+14	+23	−16	+11	−36	+23	−45	0	−1.55
31167		06 32 23.13	−05 52 07.4	5.60		G	98.096 373 60	−05.868 718 33		23.13	−0.87	−41.78	0.63	0.40	0.76	0.66	0.53	−23	+39	−26	−23	−14	−18	−16	−29	+4	+16	0	−1.37
31168		06 32 23.27	+11 40 25.0	6.08		H	98.096 972 83	+11.673 605 61		3.91	1.64	−35.37	0.81	0.62	0.90	0.85	0.68	−11	+30	−9	−3	+20	−6	+13	−27	−24	+1	6	0.95
31169	H	06 32 24.17	+60 43 45.6	8.52		H	98.100 728 50	+60.729 329 13	A	2.12	9.19	−31.37	1.56	1.35	1.77	1.65	1.34	−11	+34	−22	+28	+25	+3	+32	−1	+18	+9	1	0.10
31170		06 32 24.30	−51 10 15.4	9.10		H	98.101 265 03	−51.170 948 70		5.91	−5.92	−2.59	0.69	0.76	0.80	0.74	0.88	−11	+15	−13	+9	−7	+2	−5	+6	+15	−17	0	−0.27
31171		06 32 25.30	−34 13 12.0	8.87		H	98.105 431 58	−34.219 995 63		4.21	21.20	0.76	0.61	0.68	0.89	0.66	0.91	−3	+9	−1	+9	+3	+14	+4	−14	+19	−11	0	2.56
31172		06 32 25.45	+21 26 37.0	8.67		H	98.106 043 34	+21.443 621 97		1.14	7.37	−18.77	1.35	0.83	1.53	1.20	0.83	−31	+64	−46	+14	−3	+14	+24	−34	+19	+35	0	−0.34
31173		06 32 27.20	+32 27 17.8	5.82	2	H	98.113 345 17	+32.454 940 59		11.86	−26.51	−17.52	0.79	0.58	1.06	1.22	0.68	+0	+18	−35	−10	−35	+48	−4	−60	+33	+45	0	−0.24
31174		06 32 29.39	+66 54 53.1	9.15	2	H	98.122 458 70	+66.914 743 82		4.28	−6.27	−5.45	0.88	1.09	1.41	1.09	1.37	+8	+10	−23	−27	−4	+2	−5	−32	−6	−1	1	0.70
31175		06 32 30.15	−57 52 53.7	9.99		H	98.125 623 32	−57.881 594 51		2.81	−1.25	15.25	0.89	0.99	0.98	0.95	1.19	+1	−2	+14	+2	−9	−5	−8	+15	+7	−5	0	1.41
31176		06 32 30.30	+64 01 37.5	9.61		H	98.126 255 89	+64.027 077 46		3.85	−6.38	−38.62	0.76	0.81	1.38	0.99	0.90	+11	−6	−14	−2	−15	+9	−13	−4	+16	−19	3	0.87
31177		06 32 31.91	+16 32 03.9	8.32		H	98.132 962 94	+16.534 406 84		4.37	−24.77	8.66	1.32	1.06	1.59	1.60	1.26	+0	+36	−49	−13	−32	+13	−15	−38	+33	+26	0	0.11
31178		06 32 32.45	−21 01 18.5	7.25		H	98.135 208 06	−21.021 809 42		1.40	−1.40	5.40	0.47	0.44	0.76	0.52	0.50	+1	+17	−1	+53	−25	+22	−16	+3	+17	+18	0	0.79
31179		06 32 34.19	−55 38 54.2	7.92		H	98.142 469 61	−55.648 384 66		13.70	115.81	−86.67	0.61	0.52	0.58	0.68	0.61	−6	+9	+1	+29	−6	+7	−8	+14	−10	−17	0	0.58
31180		06 32 34.50	−23 11 07.9	8.58	2	H	98.143 765 91	−23.185 525 47		1.87	2.00	−3.19	0.50	0.78	1.23	0.63	0.98	−13	+6	+5	+5	−6	−6	−5	−20	+10	−16	0	−1.28
31181	H	06 32 34.87	−03 47 06.9	9.16		H	98.145 303 13	−03.785 240 94	A	3.32	−1.01	2.94	1.96	1.43	2.42	2.13	1.73	−43	+43	−32	−5	−18	+8	+3	−39	+23	−1	1	0.39
31182		06 32 35.36	+50 57 27.9	7.59		H	98.147 333 65	+50.957 741 63		5.90	1.27	−13.30	0.72	0.51	0.93	0.79	0.58	−5	+30	+6	+29	+16	−2	+17	+15	+21	−25	2	1.01
31183		06 32 35.49	+37 54 12.2	11.49		G	98.147 894 62	+37.903 394 28		22.18	−175.78	−186.85	2.68	1.91	3.18	3.74	2.30	+16	−9	−17	−29	−23	+27	−17	−63	+19	+24	4	0.17
31184		06 32 35.98	+09 29 28.9	8.94		H	98.149 924 66	+09.491 369 99		3.06	−0.32	−1.14	1.38	0.91	1.54	1.23	1.03	+4	+56	−8	−25	−1	−13	−15	−38	−27	+22	0	0.62
31185		06 32 36.25	+07 29 02.8	10.34		H	98.151 022 74	+07.484 102 16		4.32	−2.05	−1.26	2.13	1.51	2.33	2.59	1.92	+10	+39	−27	−23	−28	−15	−31	−26	−6	+54	0	−0.89
31186		06 32 36.62	−44 13 15.1	7.30		H	98.152 589 83	−44.220 864 64		9.99	−2.15	−9.13	0.47	0.50	0.56	0.50	0.65	+1	−1	−10	−6	−2	+5	−1	+7	−16	−6	0	−0.22
31187		06 32 37.13	−29 34 57.3	8.97		H	98.154 699 68	−29.582 593 39		23.52	−69.51	66.22	0.73	0.74	1.03	0.96	0.95	−2	+4	−3	+24	−8	−10	−12	−24	+15	−15	0	−1.07
31188		06 32 37.84	−06 29 18.6	8.60		H	98.157 672 32	−06.488 490 89		16.86	256.36	7.32	0.87	0.63	0.98	0.92	0.79	−30	+25	−2	−33	+11	−9	+6	−50	+1	−35	0	−0.43
31189		06 32 37.89	−42 15 23.0	7.68		H	98.157 869 17	−42.256 398 10		4.92	45.16	−43.08	0.52	0.57	0.65	0.55	0.77	−6	−3	−7	−12	+4	+4	+5	−8	−25	−9	0	−1.25
31190		06 32 38.98	−32 01 49.6	5.73	1	H	98.162 410 08	−32.030 453 78		3.89	−2.84	2.87	0.45	0.44	0.66	0.55	0.62	+7	+18	+9	+11	+8	+16	+4	−10	−21	+5	2	−0.36
31191		06 32 39.68	+15 01 15.6	7.25		H	98.165 335 12	+15.020 988 25		5.08	−0.40	−13.02	0.87	0.65	0.97	1.07	0.73	+13	+28	−25	−6	−5	−24	−13	−7	−15	+39	3	−0.47
31192		06 32 39.83	+81 12 55.9	10.25		H	98.165 971 65	+81.215 535 75		2.12	1.17	−24.61	1.03	1.15	1.36	1.21	1.53	+1	+25	+1	−1	+12	+8	+13	−6	+0	+9	1	1.12
*31193		06 32 40.22	+35 17 37.5	6.79		H	98.167 590 03	+35.293 763 16		2.80	1.32	−12.89	0.76	0.45	0.90	0.97	0.60	+18	+25	−3	+11	−4	−17	+0	−32	+26	+9	2	−0.12
*31194		06 32 40.21	−15 50 19.4	7.72		H	98.167 543 54	−15.838 718 17		8.29	−9.54	11.40	0.68	0.54	0.95	0.87	0.68	+17	+18	+2	−15	−8	+17	−9	−35	+14	−1	0	1.16
31195	H	06 32 40.27	−05 20 26.2	7.59		G	98.167 774 59	−05.340 610 90	B	4.90	−11.01	6.84	5.12	4.13	2.71	5.64	5.53	−52	+37	−12	−52	+39	−34	+24	−51	+5	−64	6	0.68
31196		06 32 41.69	−04 26 58.9	9.01	2	H	98.173 704 89	−04.449 686 70		4.18	−1.30	−1.50	0.95	0.64	1.30	1.05	0.85	−35	+46	−25	−16	−14	−27	−17	−24	+7	−13	6	1.86
31197		06 32 42.70	+03 48 52.3	7.28		G	98.177 906 27	+03.814 529 48		10.94	3.46	−4.96	0.81	0.67	0.94	0.83	0.72	−16	+25	−26	−30	+18	−12	+13	−17	−8	−12	2	2.11
31198		06 32 43.07	−59 15 50.4	8.83		H	98.179 445 25	−59.263 990 82		1.51	−9.36	5.15	0.69	0.81	0.77	0.80	0.95	+0	+5	−2	−4	−15	−2	−14	+8	+1	−14	0	0.67
31199		06 32 43.23	−07 30 32.3	8.00	2	H	98.180 134 15	−07.508 974 69		0.63	0.05	2.66	0.85	0.62	0.92	0.86	0.73	−3	+16	−13	−36	−15	+1	−16	−40	+14	−16	0	0.17
31200		06 32 45.05	+35 03 46.7	7.04		G	98.187 705 34	+35.062 964 58		3.08	−4.53	−27.19	0.77	0.44	0.90	1.00	0.60	+14	+22	−1	+18	+1	−22	+5	−25	+19	+10	2	0.31

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No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
31101	7.350	0.004	7.432	0.006		−0.079	0.009	G	−0.06	0.01	H	7.4407	0.0007	0.008	164		7.43	7.46		C			1							S
31102	10.623	0.040	8.926	0.016		1.417	0.034	T	1.40	0.05	L	8.9263	0.0019	0.014	103		8.90	8.95		C			1							
31103	9.453	0.018	8.171	0.011		1.091	0.016	T	1.05	0.02	L	8.2351	0.0017	0.013	78		8.21	8.26					1							S
31104	7.093	0.006	7.169	0.009	*	−0.065	0.010	T	−0.04	0.01	L	* 7.1365	0.0011	0.008	77	*	7.12	7.16		C	06316+3210	I 1	2 C A	AB	182	0.873	0.010	3.06	0.05	S
31105	6.700	0.006	6.410	0.007		0.275	0.010	T	0.31	0.01	L	6.4514	0.0019	0.010	49		6.44	6.47					1							S
31106	8.058	0.016	7.958	0.021		0.090	0.024	T	0.10	0.03	L	7.9928	0.0019	0.012	48		7.97	8.01		C			1							S
31107	6.486	0.007	6.617	0.008		−0.119	0.008	G	−0.10	0.01	H	6.6093	0.0014	0.006	43		6.60	6.62		C			1							S
31108						1.600	0.510	G	1.57	0.52	J	10.5514	0.0110	0.093	47		10.36	10.71		U 2			1 V							G P
31109						0.244	0.140	G	0.27	0.18	R	8.6162	0.0510			B				D	06317+0546	I 2	1 C F C							
31110	7.138	0.009	7.160	0.011	A	−0.018	0.012	T	0.00	0.01	L	7.2176	0.0143	0.022	54	A	7.20	7.28		D	06317+0546	I 2	1 C P C							S
31111	10.320	0.041	8.411	0.016		1.580	0.015	G	1.59	0.09	H	8.2562	0.0035	0.022	48		8.22	8.29					1 S							
31112	9.461	0.020	8.207	0.012		1.069	0.018	T	1.03	0.01	L	8.2609	0.0017	0.015	89		8.23	8.29		C			1							S
31113	9.057	0.012	9.038	0.015	*	0.018	0.017	T	0.04	0.02	L	* 9.0392	0.0025	0.033	136	*	9.01	9.14	1.41	P 1 A	06317−3430	H 1	2 C B	AB	69	0.571	0.030	3.26	0.21	
31114	10.027	0.039	9.636	0.043		0.370	0.054	T	0.43	0.06	L	9.6459	0.0021	0.018	49		9.60	9.67		C			1							G
31115	7.358	0.008	7.452	0.011		−0.081	0.012	T	−0.06	0.01	L	7.4350	0.0012	0.008	42		7.42	7.45		C			1							S
31116	7.411	0.006	7.524	0.007	*	−0.108	0.006	G	−0.09	0.01	H	* 7.5157	0.0034	0.031	143	*	7.46	7.54	10.36	P 1 A	06318−3710	H 1	2 C A	AB	16	0.314	0.006	1.60	0.06	S P
31117	10.084	0.027	9.758	0.031		0.313	0.045	T	0.36	0.06	L	9.8484	0.0026	0.022	96		9.80	9.90		C			1							G
31118	8.311	0.013	7.401	0.010		0.820	0.005	G	0.84	0.00	H	7.4503	0.0029	0.016	55		7.43	7.48					1							S
31119	5.442	0.004	5.241	0.004		0.185	0.006	T	0.20	0.01	L	5.2842	0.0019	0.008	47		5.28	5.30					1							S
31120	10.846	0.060	10.315	0.059		0.583	0.072	G	0.65	0.07	R	10.3960	0.0031	0.028	80		10.35	10.44		C			1							G
31121	7.190	0.007	5.574	0.004		1.373	0.008	G	1.26	0.04	E	5.5935	0.0008	0.007	96		5.58	5.61					1							S
31122	9.420	0.017	8.759	0.015		0.603	0.017	T	0.67	0.01	L	8.8155	0.0015	0.017	106		8.79	8.85					1							
31123	8.329	0.012	7.797	0.008		0.508	0.015	G	0.58	0.02	H	7.8577	0.0014	0.011	95		7.84	7.88		C			1 G							S
31124	8.564	0.011	8.211	0.011		0.353	0.015	G	0.41	0.02	H	8.2461	0.0015	0.012	113		8.22	8.26		C			1							S
31125	4.038	0.002	4.296	0.002		−0.245	0.005	G	−0.24	0.02	A	4.2586	0.0021	0.018	188		4.23	4.28	0.21	P 1 A	06319−2325	I 1	1							S
31126						1.432	0.005	G	1.94	0.01	A	* 10.6574	0.0038	0.034	125	*	10.59	10.70		D	06319−4332	I 1	2 C A	AB	219	3.814	0.021	1.91	0.10	G
31127	10.228	0.044	9.498	0.037		0.657	0.004	G	0.72	0.00	H	9.5443	0.0021	0.018	52		9.51	9.57		C			1							G
31128	7.741	0.012	7.632	0.015		0.098	0.018	T	0.11	0.02	L	7.6595	0.0022	0.012	47		7.64	7.68		C			1							S
31129	10.780	0.057	10.286	0.058		0.476	0.062	T	0.55	0.07	L	10.3286	0.0039	0.023	68		10.29	10.36		C			1							G
31130	6.875	0.006	6.786	0.009		0.087	0.010	T	0.10	0.01	L	6.7869	0.0011	0.006	49		6.78	6.80		C	06319+0457	I 1	1 S							S
31131	8.476	0.012	6.735	0.005		1.452	0.010	T	1.45	0.02	L	6.7249	0.0010	0.010	117		6.71	6.74					1							S
31132											T	11.1023	0.0051	0.052	158		11.02	11.23		U			S							G G
31133	8.864	0.010	7.591	0.006		1.084	0.009	T	1.05	0.01	L	7.6386	0.0012	0.013	136		7.62	7.66		C			1							S
31134	9.226	0.017	8.345	0.013		0.781	0.014	G	0.82	0.01	H	8.3947	0.0014	0.010	91		8.38	8.41		C			1							
31135	10.479	0.029	8.833	0.013		1.377	0.025	T	1.35	0.03	L	8.8429	0.0012	0.017	156		8.82	8.88					1 S							
31136	8.812	0.014	8.714	0.017		0.096	0.021	T	0.11	0.02	L	8.7530	0.0020	0.014	70		8.73	8.78		C			1							
31137	5.630	0.003	5.701	0.004	A	−0.057	0.005	G	−0.04	0.01	H	* 5.6790	0.0006	0.006	108	*	5.67	5.69		D	06320−5845	I 1	2 C A	AB	230	2.488	0.023	3.72	0.08	S
31138	9.311	0.037	9.281	0.048		0.032	0.056	T	0.05	0.04	L	9.2500	0.0026	0.016	46		9.22	9.30		C			1							
31139	7.264	0.008	7.252	0.010		0.016	0.012	T	0.04	0.01	L	7.2651	0.0016	0.009	48		7.25	7.29					1							S
31140	10.225	0.052	8.473	0.022		1.160	0.040	G	1.12	0.04	R	8.4861	0.0021	0.018	49		8.46	8.51		C			1							
31141	8.859	0.013	8.359	0.013		0.495	0.015	G	0.57	0.02	H	8.4278	0.0016	0.015	107		8.40	8.46		C			1							
31142	11.267	0.059	9.946	0.029		1.237	0.024	G	1.40	0.03	I	9.9740	0.0031	0.023	107		9.94	10.01			06320+3431	I 1	1							G
31143	10.585	0.044	9.440	0.027		1.010	0.015	G	1.05	0.02	I	9.4991	0.0026	0.022	83		9.47	9.53		C			1							
31144	9.198	0.026	7.974	0.016		1.046	0.024	T	1.02	0.02	L	8.0501	0.0018	0.010	46		8.03	8.07		C			1							S
31145	9.710	0.015	8.407	0.009		1.107	0.014	T	1.07	0.01	L	8.4644	0.0012	0.016	162		8.44	8.49					1							S
31146	10.275	0.032	9.175	0.021	A	0.800	0.495	G	0.93	0.04	L	* 9.1088	0.0024	0.019	112	*	9.08	9.15		D	06321−5143	I 1	2 C A	AB	245	8.013	0.013	2.46	0.05	
31147	6.646	0.006	6.697	0.006	*	−0.040	0.000	G	−0.02	0.00	H	* 6.6962	0.0007	0.005	60	*	6.68	6.71		D	06321+0602	H 1	2 C S A	AB	194	0.136	0.008	1.05	0.39	S
31148						1.360	0.020	G	1.75	0.01	A	11.4884	0.0043	0.051	162		11.41	11.59					1							G
31149	7.488	0.009	7.335	0.012		0.147	0.014	T	0.16	0.01	L	7.3408	0.0011	0.009	49		7.32	7.35		C			1							S
31150	7.940	0.008	7.607	0.007		0.351	0.001	G	0.41	0.00	H	7.6505	0.0011	0.009	101		7.63	7.67		C			1 O							S
31151	8.538	0.011	8.259	0.012		0.278	0.015	G	0.32	0.02	H	8.3114	0.0018	0.013	75		8.28	8.34		C			1							S
31152	7.589	0.007	7.305	0.008		0.255	0.003	G	0.29	0.00	H	7.3540	0.0012	0.009	110		7.34	7.37		C			1							S
31153						1.375	0.150	G	1.44	0.21	K	13.0125	0.0576	0.417	19		11.61	13.54					S							G
31154	8.902	0.012	7.539	0.007		1.154	0.011	T	1.12	0.01	L	7.5872	0.0015	0.014	108		7.56	7.61					1							S
31155	7.342	0.008	7.010	0.007		0.315	0.010	T	0.36	0.01	L	7.0625	0.0010	0.008	54		7.05	7.08		C			1							S
31156	7.373	0.009	6.924	0.009	B	0.401	0.004	G	0.47	0.00	H	7.0691	0.0646			B					06323+1747	I 2	1 C I A							S
31157						1.260	0.020	G	1.43	0.03	I	10.9424	0.1641	0.875	88		9.98	12.75		U	06323+5225	I 1	S							G
31158	6.890	0.010	6.313	0.006	A	0.541	0.012	G	0.61	0.01	H	6.4088	0.0409	0.129	53	A	6.20	6.51		D	06323+1747	I 2	1 C P A							S
31159	7.118	0.007	5.960	0.004		0.997	0.006	G	0.96	0.02	G	6.0240	0.0014	0.006	45		6.01	6.04		C			1							S
31160	8.013	0.008	7.921	0.010		0.083	0.012	T	0.10	0.01	L	7.9584	0.0015	0.011	98		7.94	7.97		C			1							S
31161	8.538	0.010	7.290	0.007		1.069	0.035	G	1.08	0.02	A	7.3283	0.0009	0.009	116		7.31	7.34		C			1							S
31162	8.197	0.011	7.613	0.011		0.545	0.014	T	0.62	0.01	L	7.6774	0.0013	0.010	83		7.66	7.70		C			1							S
31163	8.333	0.009	8.129	0.010		0.166	0.002	G	0.18	0.00	H	8.1722	0.0010	0.011	108		8.15	8.19					1							S
31164	8.020	0.013	7.300	0.012	A	0.692	0.002	G	0.75	0.00	H	* 7.3027	0.0032	0.018	49	*	7.29	7.33		U 2 C	06323+1542	I 1	2 C A	AB	337	1.473	0.019	2.73	0.07	S
31165	6.503	0.004	5.360	0.003		0.982	0.001	G	0.96	0.04	E	5.4125	0.0006	0.005	126		5.41	5.42		C			1							S
31166	8.516	0.008	8.591	0.011		−0.062	0.002	G	−0.04	0.00	H	8.6030	0.0022	0.019	141		8.57	8.64					1							
31167	5.916	0.003	5.636	0.002		0.256	0.002	G	0.29	0.00	H	5.6741	0.0005	0.005	130		5.66	5.68		C	06324−0552	I 1	1							S
31168	7.435	0.009	6.168	0.007		1.069	0.015	G	0.94	0.04	E	6.2400	0.0008	0.005	49		6.23	6.25		C	06324+1140	I 1	1							S
31169	8.818	0.018	8.612	0.021	A	0.100	0.150	G	0.11	0.16	R	* 8.5628	0.0024	0.016	86	*	8.53	8.60		C	06324+6044	I 1	2 C B	AB	195	3.801	0.031	3.16	0.22	
31170	9.482	0.017	9.120	0.018		0.352	0.022	T	0.41	0.02	L	9.1893	0.0019	0.019	117		9.16	9.22		C			1							
31171	9.910	0.019	8.920	0.014		0.867	0.018	T	0.88	0.01	L	9.0309	0.0016	0.020	148		9.00	9.07					1							
31172	8.866	0.018	8.695	0.021		0.164	0.026	T	0.18	0.03	L	8.7257	0.0023	0.014	48		8.70	8.75		C			1							
31173	6.036	0.005	5.839	0.005		0.188	0.007	T	0.21	0.01	L	5.8784	0.0011	0.009	81		5.87	6.14	2.53	P 1 A			1							S
31174	11.336	0.074	9.342	0.022		1.689	0.064	T	1.96	0.14	O	9.2353	0.0052	0.051	95		9.13	9.31		U 2			1							
31175	10.111	0.027	10.000	0.035		0.100	0.040	T	0.11	0.04	L	10.0246	0.0026	0.022	96		9.99	10.07					1							G
31176	10.025	0.023	9.660	0.023		0.346	0.030	T	0.41	0.04	L	9.6937	0.0022	0.028	160		9.64	9.76					1							
31177	9.583	0.028	8.462	0.019		0.965	0.026	T	0.95	0.02	L	8.4869	0.0015	0.011	46		8.47	8.50		D			1							
31178	7.049	0.003	7.224	0.004		−0.144	0.002	G	−0.14	0.00	H	7.2033	0.0009	0.011	199		7.19	7.22			06325−2101	I 1	1							S
31179	8.882	0.013	8.011	0.010		0.778	0.012	T	0.81	0.01	L	8.0672	0.0011	0.010	112		8.05	8.09		C			1							
31180	10.787	0.037	8.813	0.012		1.637	0.031	T	1.66	0.03	L	8.6855	0.0040	0.043	223		8.62	8.75	23.26	P 1 A			1							
31181	9.233	0.011	9.183	0.015	*	0.051	0.018	T	0.06	0.01	L	* 9.1869	0.0019	0.019	163	*	9.16	9.23		D	06326−0347	I 1	2 C A	AB	172	0.633	0.004	1.28	0.02	
31182	9.308	0.018	7.726	0.009		1.326	0.016	T	1.29	0.02	L	7.7470	0.0013	0.012	115		7.73	7.78		C			1							S
31183						1.180	0.020	G	1.30	0.04	I	11.6037	0.0089	0.056	85		11.51	11.70					1							G
31184	9.523	0.028	8.993	0.027		0.510	0.015	G	0.58	0.02	H	9.0480	0.0020	0.017	57		9.03	9.08		C			1							
31185			10.359	0.047		0.166	0.141	G	0.18	0.14	R	10.3929	0.0041	0.025	45		10.35	10.44					1							G
31186	7.547	0.007	7.323	0.008		0.198	0.002	G	0.22	0.00	H	7.3638	0.0010	0.008	116		7.35	7.38					1							S
31187	9.972	0.023	9.054	0.017		0.799	0.022	T	0.83	0.02	L	9.1149	0.0019	0.022	136		9.09	9.15		C			1							
31188	9.267	0.016	8.657	0.014		0.562	0.008	G	0.64	0.01	H	8.7273	0.0012	0.014	112		8.70	8.75					1							
31189	8.940	0.012	7.794	0.008		0.985	0.011	T	0.97	0.01	L	7.8442	0.0013	0.011	118		7.83	7.86		C			1							
31190	5.475	0.002	5.683	0.003		−0.180	0.003	T	−0.19	0.00	L	5.6609	0.0012	0.016	144		5.62	5.68		U 2 C	06326−3202	I 1	1							S
31191	8.696	0.016	7.370	0.010		1.125	0.015	T	1.09	0.02	L	7.4192	0.0013	0.011	57		7.40	7.44		C			1							S
31192	11.716	0.087	10.247	0.037		1.238	0.074	T	1.20	0.07	L	10.4192	0.0029	0.031	130		10.35	10.47		C			1							G
31193	8.266	0.008	6.919	0.005		1.142	0.007	T	1.11	0.01	L	6.9604	0.0008	0.010	129		6.95	6.98		C			1							S
31194	7.896	0.007	7.737	0.008		0.153	0.010	T	0.17	0.01	L	7.7718	0.0014	0.013	115		7.75	7.80		C			1							S
31195	7.701	0.007	7.654	0.009	*	0.058	0.002	G	0.07	0.00	H	* 7.6229	0.0008	0.009	134	*	7.61	7.64		D	06327−0520	I 1	2 C A	BA	334	0.650	0.003	0.04	0.01	S
31196	8.967	0.010	8.994	0.013		−0.009	0.029	G	0.01	0.03	H	9.0163	0.0031	0.033	166		8.95	9.05		U 2			1 S							
31197	7.855	0.014	7.344	0.013		0.515	0.015	G	0.59	0.02	H	7.3867	0.0014	0.009	53		7.37	7.40		C			1							S
31198	10.542	0.035	8.957	0.016		1.329	0.030	T	1.29	0.04	L	8.9859	0.0016	0.016	99		8.96	9.01					1							
31199	8.421	0.009	8.081	0.010		0.329	0.015	T	0.38	0.02	L	8.0775	0.0047	0.032	105		8.03	8.12		U 2			1 S							S
31200	8.696	0.010	7.182	0.006		1.260	0.015	G	1.22	0.02	H	7.2144	0.0009	0.011	127		7.20	7.23					1							S

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion μα* mas/yr 12	μδ mas/yr 13	Std. Err. α* mas 14	δ mas 15	π mas 16	μα* mas/yr 17	μδ mas/yr 18	Corr. (%) δ/α* 19	π/α* 20	π/δ 21	μα*/α* 22	μα*/δ 23	μα*/π 24	μδ/α* 25	μδ/δ 26	μδ/π 27	μδ/μα* 28	Soln F1 % 29	F2 30
31201		06 32 46.10	−27 24 16.5	6.89		H	98.192 075 84	−27.404 584 30		16.30	106.76	90.31	0.46	0.49	0.72	0.55	0.57	+6	+5	+6	+0	−25	+0	−24	+2	+5	+7	0	−0.04
31202		06 32 46.28	+29 09 42.7	9.40		H	98.192 832 81	+29.161 854 99		4.30	−17.18	−9.07	1.41	0.83	1.51	1.71	1.09	−3	+42	+5	+14	−16	+3	−18	−25	+2	−20	0	−0.64
31203		06 32 46.35	−61 49 40.6	6.85		H	98.193 144 73	−61.827 949 80		4.14	−7.61	31.53	0.58	0.51	0.55	0.60	0.60	−9	+12	−8	−18	−7	+2	−5	+24	−10	−19	0	0.78
31204		06 32 46.42	+55 36 24.0	8.10		G	98.193 430 33	+55.606 661 23		6.04	−11.85	−8.47	0.85	0.62	1.03	0.97	0.69	+11	+21	−10	+16	+11	+5	+13	−12	+15	+13	0	2.99
31205		06 32 46.88	−11 09 59.0	6.30		H	98.195 346 29	−11.166 396 61	+	8.25	−15.95	6.22	0.68	0.49	0.92	0.89	0.84	+20	+35	−6	−30	−5	−17	−18	−61	+22	+11	0	−1.03
31206		06 32 47.70	−17 42 36.2	7.69		H	98.198 740 41	−17.710 051 98		7.45	−3.83	−19.98	0.60	0.57	0.94	0.72	0.79	+14	+1	−7	−16	−16	−9	−20	−25	+0	+3	4	−0.15
31207		06 32 48.11	−55 04 45.4	8.10		G	98.200 443 76	−55.079 266 49		16.67	9.25	−111.43	0.62	0.60	0.65	0.65	0.71	+1	+6	+0	+9	−8	+5	−9	+14	−7	−8	0	−0.06
31208		06 32 48.56	+10 09 58.0	7.57		H	98.202 312 65	+10.166 100 22		0.56	2.75	−9.24	1.13	0.79	1.30	0.92	0.73	−26	+58	−39	−31	+10	−17	+3	−39	−2	+5	0	−1.92
31209		06 32 49.38	+46 55 22.5	7.05	1	H	98.205 757 13	+46.922 911 86		4.01	−2.63	−12.04	0.76	0.60	0.92	1.04	0.84	+18	+13	+10	−9	−31	−1	−27	−13	+24	+9	0	−0.16
31210		06 32 49.66	−24 22 07.1	8.51		H	98.206 899 48	−24.368 640 45		3.01	20.44	−17.65	0.57	0.76	1.13	0.68	0.93	−5	+2	+22	+0	−11	−5	−11	−16	−3	−6	2	0.78
31211		06 32 49.74	−50 28 24.0	7.79		H	98.207 265 94	−50.473 328 39		3.68	−2.66	5.43	0.57	0.61	0.65	0.74	0.71	−2	+11	−23	+10	+3	−7	−2	−20	+16	−19	0	−2.24
31212	H	06 32 50.43	−12 03 23.9	7.83		G	98.210 138 89	−12.056 633 87	A	0.88	−4.34	−1.49	1.24	0.99	1.40	1.35	1.14	−3	+36	−11	−43	+10	−8	+19	−55	+29	−4	1	−0.07
31213		06 32 50.79	+26 45 20.8	9.34		H	98.211 622 05	+26.755 772 66		0.39	−12.43	−20.12	1.65	0.95	1.83	1.53	0.97	−22	+62	−34	+12	+4	+7	+19	−19	+14	+27	0	0.46
31214		06 32 52.01	−47 42 52.2	12.24	2	H	98.216 724 47	−47.714 494 09		−6.40	−11.50	−6.53	2.18	2.37	2.52	2.45	2.80	−12	+8	−14	+14	+4	+5	+3	+11	−14	−20	1	1.47
31215		06 32 53.20	+58 44 50.6	7.64		H	98.221 679 17	+58.747 386 86		2.44	−29.62	−26.85	0.75	0.60	0.89	0.96	0.69	+5	+34	−26	+24	+1	+5	+11	+0	+18	+29	0	0.55
31216		06 32 54.23	+07 19 58.7	4.47	1	H	98.225 956 58	+07.332 979 21		2.16	−3.89	−5.80	0.75	0.54	0.86	0.89	0.63	+13	+29	−30	+16	+19	−28	+12	+11	−16	+52	0	−0.77
31217		06 32 55.21	−44 19 18.4	8.87		G	98.230 021 11	−44.321 779 42		6.68	16.09	77.50	0.65	0.69	0.77	0.66	0.91	−1	+1	−6	−13	−2	+6	−1	+9	−12	−6	0	−2.13
31218		06 32 55.24	−27 56 23.2	9.18		H	98.230 177 73	−27.939 787 75		1.73	4.03	18.05	0.80	0.89	1.29	1.01	1.16	+0	−6	−7	−15	−22	+7	−22	+6	+15	−1	0	0.15
31219		06 32 55.61	+28 20 02.4	9.31		H	98.231 724 85	+28.334 013 48		5.20	3.42	13.74	1.40	0.85	1.51	1.57	1.00	−13	+41	−20	+20	−26	+12	−14	−19	+17	−2	0	1.07
31220		06 32 55.82	−54 16 00.6	8.78		H	98.232 566 92	−54.266 845 99		2.18	7.60	29.96	0.74	0.70	0.77	0.82	0.84	−3	+3	−10	+10	−7	+1	−8	+9	−6	−14	0	−0.48
31221		06 32 55.90	−43 34 35.5	7.95	2	H	98.232 912 72	−43.576 530 22		1.08	−2.93	2.40	0.53	0.61	0.66	0.57	0.81	+2	−8	−11	−2	+0	+7	+2	−2	−17	+0	0	1.81
31222		06 32 56.33	+79 28 06.3	7.95		G	98.234 724 44	+79.468 416 59		7.00	−8.97	−22.18	0.59	0.61	0.78	0.64	0.65	+15	+32	+8	+7	+10	+3	+7	−15	−12	+22	0	−0.54
31223		06 32 57.69	−48 32 39.2	6.96		H	98.240 385 52	−48.544 217 09		15.35	15.66	−124.76	0.51	0.52	0.57	0.56	0.62	+2	+9	−18	−7	−11	+7	−9	−5	+10	+2	1	−1.29
31224		06 32 58.41	−03 49 12.2	7.72		H	98.243 367 50	−03.820 067 03		3.71	−0.27	−4.64	0.74	0.48	0.90	0.77	0.63	−6	+40	−6	−24	−25	−16	−26	−37	+0	+6	3	1.02
31225		06 32 58.48	−30 51 47.3	8.71		H	98.243 678 69	−30.863 150 05		6.08	−13.37	11.51	0.61	0.57	0.84	0.73	0.73	−3	−4	+4	+18	−8	+19	−9	−22	+0	−4	0	0.64
31226		06 32 59.27	−08 57 50.5	7.37		H	98.246 960 56	−08.964 038 02		4.63	−13.35	−9.34	0.77	0.53	0.83	1.07	0.83	−24	+18	−5	−45	+10	−15	+7	−46	+0	−21	0	1.78
31227		06 32 59.84	+39 47 04.7	7.45		G	98.249 331 88	+39.784 642 91		3.44	−7.89	1.62	0.79	0.52	0.92	0.91	0.57	+0	+35	−14	−7	−5	−12	−2	−38	+5	+10	0	0.64
31228		06 33 00.25	−26 46 45.6	10.06		G	98.251 030 00	−26.779 341 35		12.52	−29.03	−363.72	0.96	1.14	1.67	1.19	1.38	−15	−12	+12	+4	−14	+3	−15	+4	+5	−17	0	2.78
31229		06 33 02.00	−73 45 04.6	7.93		H	98.258 328 42	−73.751 278 03		6.03	−5.77	4.60	0.58	0.64	0.66	0.61	0.75	−13	+24	−13	+0	−14	+24	−13	+4	−10	−27	0	0.59
31230		06 33 03.47	+29 24 23.6	8.06		H	98.264 453 18	+29.406 564 33		1.32	−18.68	0.20	1.02	0.65	1.13	1.27	0.79	−13	+28	+9	+7	−6	+16	−11	−42	−5	−24	0	−1.17
31231		06 33 04.01	+78 58 46.4	6.61		H	98.266 716 89	+78.979 567 90		4.53	−4.25	−16.94	0.45	0.45	0.60	0.50	0.52	+15	+30	+0	+0	+0	−5	−3	−14	−16	+28	0	0.06
31232		06 33 04.46	+26 17 23.9	9.56		H	98.268 600 03	+26.289 983 92		0.69	7.57	−7.88	1.36	0.89	1.53	1.75	1.02	−15	+33	−30	+12	+5	+12	+22	−29	+12	+33	0	1.09
31233		06 33 04.64	+30 19 31.2	8.24		H	98.269 320 48	+30.325 330 45		5.10	0.67	−3.76	1.25	0.86	1.39	1.73	0.96	+19	+25	−25	−44	−47	+37	−30	−78	+19	+42	0	1.58
31234		06 33 04.87	−01 41 59.4	8.28		H	98.270 282 97	−01.699 829 25		6.39	8.74	−10.92	1.00	0.77	1.20	1.03	0.89	+3	+3	−28	−34	+1	−14	−3	−31	−19	+7	0	−0.42
31235		06 33 05.19	+10 19 20.0	8.71		G	98.271 633 08	+10.322 225 63		3.45	−3.33	−3.23	1.28	0.97	1.41	1.24	1.00	−16	+33	−21	−27	+7	+0	+3	−42	−12	−13	0	−1.73
31236		06 33 05.59	+16 56 55.5	7.65	2	H	98.273 309 17	+16.948 759 89		2.47	−3.54	−3.81	1.11	0.89	1.13	1.38	1.05	+25	+22	−33	−41	−32	+7	−24	−53	+20	+48	0	0.64
31237		06 33 06.18	+01 16 24.0	6.88	1	H	98.275 770 72	+01.273 331 11		1.35	−0.62	−4.31	0.76	0.61	0.93	0.89	0.74	−6	+25	−34	−5	+22	−24	+12	+0	−15	+13	0	0.54
31238		06 33 09.68	+46 28 34.4	7.02		H	98.290 325 11	+46.476 235 40		4.10	0.92	0.11	0.72	0.50	0.83	0.98	0.73	+13	+25	−2	+13	−9	−2	−1	−10	+22	+23	4	0.03
*31239		06 33 10.13	−22 36 31.9	8.10		H	98.292 188 22	−22.608 851 33		1.01	−3.47	12.67	0.45	0.66	1.03	0.47	0.73	+0	+3	+7	+12	−23	+1	−22	−7	+8	+8	0	1.92
*31240		06 33 10.05	+43 09 18.3	8.67		H	98.291 869 51	+43.155 074 66		2.82	0.08	−13.33	1.04	0.74	1.17	1.37	0.87	+8	+26	−11	−12	−7	+13	+2	−44	+5	+39	0	0.02
31241		06 33 10.24	−38 37 30.5	6.44		G	98.292 666 41	−38.625 144 52		6.93	−0.98	−18.54	0.51	0.47	0.62	0.63	0.58	−1	+14	−7	+17	−9	+24	−7	−4	+0	+0	1	1.15
31242		06 33 10.65	−71 38 53.9	7.65		H	98.294 377 88	−71.648 307 02		5.39	−16.11	71.28	0.56	0.57	0.60	0.62	0.67	+0	+25	+0	−15	−4	+11	−5	−7	−10	−21	0	−1.37
31243		06 33 11.84	−37 49 19.1	7.25	1	G	98.299 334 46	−37.821 964 57		5.63	−7.07	6.12	0.51	0.49	0.63	0.60	0.60	−2	+17	+1	+20	−13	+23	−15	−3	−4	−1	0	−0.62
31244		06 33 12.46	−14 05 46.1	8.84		H	98.301 908 11	−14.096 135 27		7.60	5.35	11.29	0.93	0.66	1.12	1.06	0.90	−17	+40	−22	−41	+12	−12	+20	−54	+26	−7	1	0.92
31245		06 33 12.52	+46 34 27.0	8.01		H	98.302 178 80	+46.574 167 89		4.73	−10.86	−34.95	0.83	0.58	1.00	1.07	0.85	+3	+31	−8	+3	−14	+5	−5	−14	+26	+9	0	−0.65
31246		06 33 12.56	+05 27 47.4	7.91		H	98.302 319 92	+05.463 160 76		29.93	114.24	−96.79	1.02	0.72	1.07	0.92	0.73	+6	+44	−3	−30	−7	−6	−10	−24	−8	−1	5	0.99
31247		06 33 13.26	−45 22 42.8	8.06		H	98.305 268 43	−45.378 554 87		6.10	−10.58	−5.82	0.58	0.58	0.65	0.67	0.67	+1	−2	−4	−11	−6	−4	−4	+8	−2	−12	0	1.01
31248		06 33 16.10	−41 07 51.4	8.63		H	98.317 093 68	−41.130 947 84		1.21	−11.10	3.45	0.65	0.85	0.84	0.78	1.43	+8	+6	−18	+2	−12	+13	−6	−37	+5	+24	0	0.97
31249		06 33 16.41	+19 50 37.1	7.97		H	98.318 361 49	+19.843 630 35		2.44	−0.96	−4.07	1.44	0.76	1.60	1.24	0.81	−24	+72	−42	+18	+0	+4	+17	−22	+8	+42	0	0.84
31250		06 33 16.70	−23 45 09.3	8.56		H	98.319 594 53	−23.752 587 37		2.57	0.03	5.26	0.48	0.61	0.93	0.67	0.80	−4	+0	+7	+10	−15	−2	−14	+12	+7	+10	0	2.14
31251		06 33 16.94	−35 27 32.2	9.16		H	98.320 567 15	−35.458 941 46		2.17	−11.02	11.81	0.83	0.83	1.04	1.04	1.19	+1	+11	−15	−17	+4	+13	+6	−5	+6	+15	0	−0.94
31252		06 33 17.47	+62 53 10.0	8.66		H	98.322 812 39	+62.886 108 57		−0.14	4.18	−13.68	0.82	0.73	1.06	1.10	0.86	+24	+22	−4	+25	+15	+10	+10	−3	+1	+11	0	−0.66
31253		06 33 18.10	−14 48 51.1	7.72		H	98.325 426 88	−14.814 181 50		5.94	−4.41	−20.27	0.77	0.58	0.94	0.89	0.75	+24	+18	−19	−32	−21	−4	−16	−46	+27	+29	0	−0.83
31254		06 33 18.50	+24 02 29.3	8.91		H	98.327 099 00	+24.041 478 06		5.18	18.95	−11.40	1.26	0.89	1.34	1.55	1.21	−15	+38	−16	−4	+18	+12	+24	−32	+16	−9	0	2.26
31255		06 33 19.62	+47 13 06.2	7.54	2	H	98.331 756 56	+47.218 392 02		0.98	4.38	0.06	0.79	0.61	0.99	1.08	0.87	+16	+24	+9	−7	−19	+0	−13	−20	+23	+11	0	1.68
31256		06 33 19.92	+44 56 13.1	9.62		H	98.333 004 44	+44.936 958 50		7.23	16.92	−24.44	1.29	0.83	1.40	1.53	1.00	+16	+41	+2	+7	−3	−4	+2	−11	+5	+28	0	0.67
31257		06 33 20.83	+32 57 00.0	9.41		H	98.336 806 60	+32.949 994 28		5.81	−10.85	−8.56	1.41	0.94	1.87	1.91	1.46	+9	+23	−29	−23	−24	+12	−8	−63	+49	+17	0	0.83
31258		06 33 21.74	+18 46 57.8	9.15		H	98.340 579 22	+18.782 721 67		2.10	11.53	−5.12	1.30	0.87	1.40	1.36	1.05	−16	+51	−21	+5	+0	−3	−1	−15	−1	−6	0	2.34
31259		06 33 22.51	+63 08 21.0	9.01	1	H	98.343 812 03	+63.139 155 46		−0.21	−3.67	−2.64	0.81	0.72	1.08	1.06	0.85	+28	+19	−1	+36	+15	−1	+11	+12	+14	+7	2	0.58
31260		06 33 23.19	+07 10 08.6	9.40		H	98.346 617 63	+07.169 058 75		0.35	−4.61	−1.88	1.40	1.09	1.83	1.65	1.15	−3	+32	−43	−5	+1	−37	−18	−3	−17	+37	0	−0.22
31261		06 33 23.24	+18 47 28.2	9.10		H	98.346 827 48	+18.791 175 05		1.97	−0.89	−5.34	1.18	0.78	1.26	1.25	0.95	−10	+49	−19	+10	+7	−10	+3	−10	−5	+1	0	1.16
31262		06 33 23.31	−18 04 35.9	8.52		H	98.347 113 32	−18.076 647 94		2.94	−3.79	3.24	0.83	0.90	1.28	0.94	1.08	+44	−11	−21	−47	−40	+10	−41	−48	+18	+26	0	0.47
31263		06 33 24.21	+78 10 06.6	7.11		G	98.350 887 71	+78.168 495 37		4.20	−2.44	−8.02	0.44	0.50	0.62	0.50	0.55	+17	+11	−8	−8	−9	+1	−7	−28	−14	+33	0	0.37
31264		06 33 24.64	−52 29 02.5	8.82		H	98.352 662 08	−52.484 020 62		8.80	−4.88	−29.48	0.76	0.74	0.80	0.90	0.92	−1	+6	−1	−22	−6	+8	−6	−12	−15	−11	0	0.23
31265		06 33 26.31	−52 19 45.5	6.18		G	98.359 635 88	−52.329 317 46		5.37	−32.87	34.37	0.49	0.47	0.51	0.59	0.54	−4	+3	+0	−16	−13	+12	−11	−3	−6	−15	0	−0.52
31266		06 33 26.68	−20 55 26.0	6.39		H	98.361 180 59	−20.923 894 14		8.85	−17.73	−27.54	0.46	0.43	0.74	0.56	0.60	+0	+14	−5	+48	−28	+6	−20	−9	+5	+8	0	−0.62
31267		06 33 27.12	+48 22 28.2	8.01		H	98.363 020 07	+48.374 498 17		15.32	44.86	31.80	0.84	0.67	1.08	1.15	0.85	−13	+17	−15	−4	−8	+22	+3	−37	+24	+6	2	3.43
31268		06 33 27.27	+23 10 43.4	8.36		H	98.363 621 38	+23.178 715 76		−1.03	−1.60	−3.13	1.29	0.87	1.32	2.08	1.30	+9	−4	+0	+18	+33	+21	+36	−16	−17	+19	0	−0.61
31269		06 33 27.34	−32 13 35.0	6.96		H	98.363 917 91	−32.226 382 14		4.32	23.58	1.03	0.50	0.50	0.70	0.60	0.61	−0	+19	+7	+3	−4	+4	−7	+3	−8	−2	0	−0.43
31270		06 33 27.89	−45 03 49.2	8.68		H	98.366 227 85	−45.063 666 73		1.60	−1.93	−20.41	0.70	0.72	0.80	0.76	0.88	+3	−4	−11	−17	+2	−4	+4	+9	−7	−7	0	−0.19
31271	H	06 33 27.93	−29 12 35.6	7.99		H	98.366 377 17	−29.209 875 07	A	4.83	−8.25	8.73	1.56	1.04	1.07	0.86	0.93	+20	−2	−4	−3	−6	−2	−9	−16	+14	−11	1	0.72
31272		06 33 28.47	+75 33 05.4	9.86		H	98.368 608 08	+75.551 494 33		14.90	−78.73	−195.85	0.84	0.97	1.25	0.98	1.10	+13	+16	+5	+17	+5	+9	+5	−5	−1	+15	1	0.09
31273		06 33 28.65	−24 13 19.7	8.24		H	98.369 390 97	−24.222 137 71		5.35	−3.72	−11.10	0.50	0.67	1.04	0.61	0.78	−4	+4	+22	+8	−8	+0	−9	−18	−4	−4	1	2.78
31274		06 33 31.17	+57 01 22.4	8.55		H	98.379 878 61	+57.022 890 13		5.02	2.10	−25.76	0.89	0.68	1.00	1.06	0.86	+7	+20	−4	+33	+17	−11	+15	+15	+8	−8	0	1.95
31275		06 33 33.73	−20 08 20.8	7.50		H	98.390 521 60	−20.139 097 60		5.25	−13.67	−5.55	0.49	0.55	0.91	0.60	0.72	−21	+0	−23	+19	+12	−18	+3	−26	+30	−39	0	−0.91
31276		06 33 35.06	+13 02 05.7	8.87		H	98.396 092 09	+13.034 923 49		1.67	0.22	−2.70	1.23	0.93	1.45	1.53	1.06	−9	+32	−35	−7	+10	−22	+5	−20	−1	+22	0	−0.70
31277		06 33 36.17	+14 09 19.3	5.57		H	98.400 720 46	+14.155 374 77		12.75	−14.27	−87.02	0.78	0.53	0.85	0.78	0.59	−1	+49	−19	+1	−5	−6	−7	−4	−4	+14	3	0.84
31278		06 33 37.92	−01 13 12.4	5.09		H	98.408 003 14	−01.220 110 54		6.08	2.14	−17.68	0.73	0.51	0.79	0.68	0.55	+20	+28	−31	−45	−13	−15	−22	−27	−9	+45	0	0.64
31279		06 33 37.99	−54 35 25.6	8.72		H	98.408 279 24	−54.590 454 24		13.00	8.55	108.30	0.65	0.61	0.67	0.69	0.72	+2	+5	−10	+10	−7	+9	−8	+3	−6	−9	0	−0.38
31280		06 33 38.45	−39 38 30.5	8.18		H	98.410 215 09	−39.641 813 38		15.20	115.61	−26.50	0.58	0.85	0.76	0.57	0.97	−5	+10	−27	+22	+5	−2	+5	−3	−3	+1	1	0.07
31281		06 33 38.64	+05 57 14.3	9.18		H	98.410 983 05	+05.953 964 75		1.54	−3.44	−7.78	1.19	0.87	1.31	1.08	0.87	+8	+43	−14	−19	−7	−11	−10	−21	−3	+8	0	−0.06
31282		06 33 39.46	−54 07 02.0	8.23		H	98.414 401 02	−54.117 234 70		6.80	6.00	12.73	0.59	0.58	0.63	0.63	0.67	+0	+2	−17	−6	−4	+10	−2	+12	−6	−2	0	−1.06
31283	H	06 33 39.64	−28 53 21.0	9.11		H	98.415 146 70	−28.889 178 30	*	5.71	3.63	22.32	0.78	0.89	1.24	0.94	1.11	−10	+4	−10	+7	−12	+8	−12	−11	+6	−17	0	1.33
31284		06 33 39.84	−26 19 46.7	7.20		G	98.416 004 11	−26.329 647 51		5.88	−7.60	1.41	0.48	0.55	0.87	0.59	0.69	+1	+10	+20	−1	−33	−10	−39	+2	−7	+11	0	0.29
31285		06 33 41.08	−07 12 12.5	7.49		H	98.421 172 17	−07.203 478 84		2.17	−0.41	2.61	0.77	0.54	0.80	0.81	0.68	−20	+4	+5	−47	+7	+9	+2	−54	−9	−26	2	−1.40
31286		06 33 41.13	−22 41 45.4	9.48		H	98.421 376 16	−22.695 954 68		1.79	−7.03	5.82	0.49	0.77	1.37	0.57	0.87	+2	+12	+31	+17	−19	−1	−15	−9	+12	+8	3	0.70
31287		06 33 41.44	+27 58 48.7	7.52		H	98.422 670 35	+27.980 182 54		−0.70	−0.78	−3.80	1.00	0.66	1.07	1.16	0.77	+8	+29	−15	+14	−19	+11	−6	−11	+25	+26	3	1.70
31288		06 33 41.77	+39 26 46.4	7.05		H	98.424 025 25	+39.446 223 12		4.86	5.60	−39.68	0.79	0.52	0.95	0.92	0.56	+0	+33	−17	−5	+5	−13	+5	−37	−5	+19	0	0.55
31289		06 33 42.26	−74 42 01.6	10.05		H	98.426 072 08	−74.700 444 72		12.37	−27.00	−52.26	0.98	1.09	1.06	1.06	1.29	−9	+1	−2	−12	−13	+9	−14	−1	−1	−16	0	−0.81
31290		06 33 42.65	+33 01 26.5	6.53		H	98.427 712 83	+33.024 036 55		7.35	9.45	1.11	0.81	0.55	0.97	1.18	0.81	+31	+13	−28	−16	−37	+21	−22	−62	+42	+46	0	−0.20
31291		06 33 43.62	−00 15 51.2	8.33		G	98.431 741 81	−00.264 225 98		0.94	1.46	−25.20	1.29	0.85	1.05	1.41	1.21	+54	+20	−9	−57	−51	−14	−59	−55	−10	+41	0	0.06
*31292		06 33 47.54	−75 37 32.2	11.41	3	H	98.448 086 29	−75.625 614 16	B	119.54	−308.79	256.54	28.23	25.04	13.42	14.37	16.07	−6	+37	+0	−4	−6	+4	−4	+8	+3	−16	0	0.26
*31293		06 33 43.98	−75 37 50.4	10.35	2	H	98.433 253 69	−75.630 667 52	A	114.18	−290.42	278.52	4.02	3.62	3.18	3.40	3.80	−5	+36	−7	−4	−5	+2	−4	+0	+2	−14	0	0.26
*31294		06 33 45.87	+09 10 08.5	8.52		H	98.441 118 47	+09.169 038 13		2.35	−1.38	−11.49	1.14	0.85	1.39	1.02	0.84	−14	+48	−24	−15	+10	−18	−5	−26	−24	+10	0	−1.09
*31295		06 33 45.85	−43 51 33.6	8.02		H	98.441 031 62	−43.859 319 78		2.87	−4.20	69.90	0.54	0.62	0.67	0.58	0.80	+0	−3	−5	−14	−1	+3	+1	+3	−16	−7	0	−0.47
*31296		06 33 46.19	−30 34 58.5	8.52	2	H	98.442 448 12	−30.582 903 76		0.38	3.06	19.60	0.67	0.70	0.98	0.76	0.85	−6	−11	−2	+13	−9	+13	−12	−13	+4	−15	0	0.61
*31297		06 33 46.44	+07 14 24.0	7.76		H	98.443 510 66	+07.239 998 03		2.21	0.57	6.50	0.96	0.73	1.17	1.13	0.80	−1	+19	−34	+6	+9	−31	+2	−6	−15	+33	0	−1.74
31298		06 33 49.37	−33 02 18.3	8.15		H	98.455 718 92	−33.038 412 55		6.03	0.25	8.04	0.56	0.56	0.76	0.61	0.67	−4	+24	−11	+28	−6	+19	−3	−14	+12	−4	0	1.65
31299		06 33 49.49	−36 13 56.2	5.42		G	98.456 213 85	−36.232 267 31		8.02	−15.31	97.95	0.39	0.40	0.50	0.43	0.49	−1	+2	−7	−3	−4	+9	−3	−3	−3	−2	0	−1.74
31300		06 33 50.42	−58 31 49.4	11.62	2	G	98.460 094 59	−58.530 393 31		61.28	−400.00	795.86	1.68	1.92	1.89	1.86	2.15	−1	−2	+8	+7	−7	−13	−5	+14	+10	−11	3	0.22

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No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
31201	7.536	0.004	6.952	0.004		0.547	0.004	T	0.62	0.00	L	7.0084	0.0010	0.011	164		6.99	7.02			06328−2724	I 1	1							S
31202	10.051	0.028	9.446	0.027		0.563	0.029	T	0.64	0.03	L	9.5228	0.0028	0.025	94		9.48	9.57		C			1							
31203	8.478	0.013	6.974	0.007		1.265	0.012	T	1.22	0.01	L	7.0093	0.0012	0.008	97		7.00	7.03					1							S
31204	8.315	0.010	8.106	0.011		0.168	0.005	G	0.18	0.01	H	8.1572	0.0019	0.013	84		8.13	8.18		C			1							S
31205	7.703	0.005	6.385	0.003		1.096	0.006	G	0.95	0.02	A	6.4609	0.0008	0.009	171		6.45	6.48					1 O							S
31206	7.818	0.007	7.699	0.009		0.108	0.010	T	0.12	0.01	L	7.7304	0.0013	0.013	125		7.71	7.75		C			1							S
31207	8.753	0.011	8.167	0.010		0.554	0.015	G	0.63	0.01	H	8.2184	0.0013	0.010	111		8.20	8.24		C			1							S
31208	8.738	0.016	7.657	0.011		0.935	0.015	T	0.93	0.01	L	7.7302	0.0017	0.008	56		7.72	7.75		C	06328+1010	I 1	1							
31209	9.241	0.019	7.259	0.008		1.643	0.016	T	1.67	0.02	L	7.1536	0.0020	0.017	75		7.12	7.18		U 2			1							S
31210	9.734	0.015	8.620	0.010		0.960	0.014	T	0.95	0.01	L	8.6761	0.0013	0.018	159		8.65	8.72		C			1							
31211	8.460	0.010	7.856	0.010		0.562	0.010	T	0.64	0.01	L	7.9119	0.0011	0.011	100		7.90	7.93					1							S
31212	7.776	0.006	7.851	0.008	A	0.670	0.351	G	−0.05	0.05	L *	7.8137	0.0014	0.014	166	*	7.79	7.84		C	06328−1203	I 1	2 C A	AB	191	1.469	0.019	3.04	0.10	S
31213	9.834	0.034	9.408	0.035		0.402	0.045	T	0.47	0.05	L	9.4322	0.0029	0.021	64		9.39	9.47					1							
31214											T	12.3505	0.0096	0.102	97		12.18	12.49		U			1							D
31215	9.151	0.017	7.749	0.010		1.185	0.015	T	1.15	0.01	L	7.8051	0.0014	0.012	81		7.79	7.83		C			1							
31216	4.501	0.004	4.504	0.003		0.023	0.038	G	0.09	0.02	A	4.5019	0.0010	0.006	44		4.49	4.51		M			1							S
31217	9.403	0.016	8.946	0.016		0.486	0.015	G	0.56	0.02	H	8.9862	0.0018	0.019	117		8.96	9.02		C			1							
31218	10.726	0.036	9.298	0.018		1.205	0.032	T	1.16	0.03	L	9.3412	0.0032	0.029	138		9.29	9.39					1							
31219	9.819	0.028	9.363	0.030		0.430	0.038	T	0.50	0.04	L	9.4069	0.0022	0.020	72		9.37	9.44					1							
31220	10.552	0.029	8.940	0.014		1.350	0.025	T	1.32	0.03	L	8.9355	0.0023	0.019	110		8.91	8.96		C			1							
31221	10.081	0.024	8.168	0.010		1.652	0.002	G	2.14	0.05	F	8.0162	0.0030	0.026	123		7.97	8.06		U 2			1							
31222	8.508	0.009	8.001	0.009		0.505	0.015	G	0.58	0.02	H	8.0646	0.0013	0.015	149		8.04	8.10					1							S
31223	7.503	0.006	7.018	0.006		0.469	0.007	T	0.54	0.01	L	7.0686	0.0007	0.009	110		7.06	7.09		C			1							S
31224	9.152	0.010	7.846	0.006		1.110	0.009	T	1.07	0.01	L	7.8931	0.0011	0.012	181		7.87	7.92		C			1							
31225	8.919	0.011	8.732	0.013		0.179	0.016	T	0.20	0.02	L	8.7714	0.0014	0.017	152		8.74	8.80		C			1							
31226	7.461	0.006	7.367	0.009		0.070	0.015	G	0.08	0.02	H	7.3959	0.0009	0.010	85		7.38	7.42					1							S
31227	7.530	0.007	7.478	0.008		0.063	0.002	G	0.07	0.00	H	7.4824	0.0010	0.011	105		7.46	7.50		C	06330+3947	I 1	1 S							S
31228	10.944	0.042	10.094	0.032		0.723	0.003	G	0.77	0.00	H	10.1887	0.0025	0.030	150		10.14	10.25		C			1							G
31229	8.238	0.009	7.979	0.011		0.243	0.015	T	0.27	0.02	L	7.9998	0.0015	0.013	101		7.98	8.02					1							S
31230	9.307	0.017	8.177	0.011		0.972	0.016	T	0.96	0.01	L	8.2220	0.0013	0.012	93		8.20	8.25		C			1							
31231	8.253	0.008	6.748	0.005		1.266	0.007	T	1.22	0.01	L	6.7714	0.0008	0.009	157		6.76	6.79		C			1							S
31232	10.197	0.046	9.644	0.042		0.518	0.056	T	0.59	0.06	L	9.6753	0.0027	0.011	53		9.64	9.70					1							G
31233	8.528	0.010	8.253	0.011		0.259	0.015	T	0.29	0.02	L	8.3092	0.0007	0.008	96		8.30	8.33					1							S
31234	8.781	0.018	8.334	0.018		0.422	0.023	T	0.49	0.02	L	8.3760	0.0016	0.010	48		8.35	8.43					1							
31235	9.091	0.018	8.831	0.020		0.274	0.048	G	0.31	0.06	H	8.7026	0.0030	0.020	58		8.67	8.75					1 S							
31236	7.634	0.014	7.642	0.016		−0.008	0.010	G	0.01	0.01	H	7.6546	0.0054	0.031	39		7.62	7.74		U 2			1							S P
31237	9.209	0.020	7.093	0.008		1.750	0.017	T	1.78	0.02	L	6.9820	0.0025	0.013	54		6.97	7.01		U			1							S
31238	6.966	0.007	7.012	0.009		−0.037	0.010	T	−0.01	0.01	L	7.0171	0.0011	0.009	74		7.01	7.03		C			1							S
31239	9.443	0.013	8.208	0.008		1.050	0.015	G	1.02	0.01	H	8.2626	0.0012	0.017	218		8.24	8.29		C			1							
31240	10.060	0.027	8.812	0.017		1.064	0.025	T	1.03	0.02	L	8.8375	0.0021	0.020	86		8.81	8.86		C			1							
31241	7.691	0.006	6.536	0.004		0.999	0.002	G	0.92	0.04	E	6.5993	0.0009	0.008	110		6.58	6.61		C			1							S
31242	9.106	0.013	7.765	0.008		1.137	0.012	T	1.10	0.01	L	7.8145	0.0012	0.012	111		7.79	7.84		C			1							S
31243	7.636	0.006	7.279	0.007		0.327	0.015	G	0.38	0.02	H	7.3396	0.0014	0.016	123		7.31	7.36		U			1							S
31244	9.396	0.015	8.899	0.014		0.479	0.016	T	0.55	0.02	L	8.9414	0.0013	0.017	116		8.92	8.97					1							
31245	8.094	0.014	7.990	0.014		0.101	0.018	T	0.11	0.02	L	8.0480	0.0015	0.012	71		8.03	8.07		C			1							S
31246	9.041	0.020	8.035	0.014		0.860	0.000	G	0.90	0.00	H	8.0512	0.0017	0.013	63		8.02	8.07		C			1 S							
31247	8.190	0.008	8.061	0.010		0.127	0.007	G	0.12	0.02	A	8.0969	0.0016	0.014	119		8.08	8.12		C			1							S
31248	9.922	0.024	8.737	0.015		1.015	0.022	T	0.99	0.02	L	8.7992	0.0026	0.015	94		8.77	8.83					1							
31249	8.009	0.013	7.968	0.017		0.043	0.020	T	0.06	0.02	L	7.9892	0.0016	0.010	49		7.98	8.01		C			1 S							S
31250	8.493	0.008	8.550	0.010		−0.047	0.012	T	−0.03	0.01	L	8.5553	0.0013	0.017	193		8.52	8.59					1							
31251	10.558	0.034	9.277	0.019		1.090	0.030	T	1.05	0.03	L	9.3309	0.0028	0.023	115		9.29	9.37					1							
31252	10.897	0.048	8.850	0.015		1.695	0.040	T	1.72	0.04	L	8.7600	0.0016	0.017	118		8.73	8.79		R			1							
31253	7.734	0.006	7.719	0.007		0.014	0.008	T	0.03	0.01	L	7.7357	0.0015	0.014	114		7.71	7.77		C			1							S
31254	9.345	0.024	8.959	0.025		0.365	0.032	T	0.43	0.04	L	8.9865	0.0031	0.021	51		8.95	9.03					1							
31255	9.747	0.025	7.753	0.010		1.689	0.022	T	2.24	0.06	O	7.5972	0.0047	0.035	78		7.53	7.65		U 2 C			1							S
31256	10.312	0.032	9.652	0.029		0.612	0.036	T	0.68	0.03	L	9.7512	0.0028	0.023	78		9.71	9.79		C			1							
31257	9.894	0.023	9.455	0.023		0.414	0.030	T	0.48	0.03	L	9.5020	0.0023	0.017	87		9.48	9.53		C			1							
31258	10.444	0.050	9.271	0.031		1.006	0.046	T	0.98	0.04	L	9.3120	0.0019	0.015	58		9.29	9.34		C			1							
31259	8.995	0.011	9.007	0.015		−0.006	0.017	T	0.01	0.02	L	9.0203	0.0030	0.028	126		8.98	9.07	3.24	P 1 A			1							
31260	9.271	0.041	9.406	0.064		−0.117	0.067	T	−0.10	0.08	L	9.3593	0.0029	0.022	47		9.32	9.40					1							G
31261	9.254	0.021	9.108	0.026		0.140	0.031	T	0.15	0.03	L	9.1535	0.0028	0.016	59		9.13	9.17					1							
31262	9.775	0.019	8.608	0.012		1.001	0.018	T	0.98	0.01	L	8.6799	0.0016	0.014	118		8.65	8.71		C			1							
31263	7.126	0.005	7.115	0.005		0.020	0.003	G	0.04	0.00	H	7.1285	0.0010	0.011	165		7.11	7.15					1							S
31264	10.047	0.027	8.934	0.018		0.959	0.025	T	0.95	0.02	L	8.9890	0.0023	0.013	99		8.96	9.02					1							
31265	7.568	0.007	6.304	0.004		1.088	0.005	G	1.07	0.04	E	6.3501	0.0007	0.006	96		6.34	6.36		C			1							S
31266	7.407	0.005	6.487	0.003		0.817	0.010	G	0.85	0.04	E	6.5437	0.0009	0.009	177		6.53	6.56					1 G							S
31267	8.776	0.014	8.073	0.012		0.648	0.015	T	0.71	0.01	L	8.1425	0.0014	0.012	70		8.12	8.17		C			1							S
31268	9.945	0.046	8.537	0.025		1.190	0.041	T	1.15	0.04	L	8.5224	0.0032	0.013	49		8.50	8.54					1							
31269	8.854	0.012	7.111	0.006		1.453	0.011	T	1.46	0.02	L	7.0969	0.0012	0.012	139		7.08	7.12					1 G							S
31270	10.143	0.027	8.809	0.015		1.132	0.024	T	1.08	0.02	A	8.8516	0.0013	0.017	112		8.82	8.88		C			1							
31271	8.047	0.006	8.004	0.008	*	0.043	0.002	G	0.06	0.00	H *	8.0071	0.0014	0.012	149	*	7.98	8.03		C	06335−2913	H 1	2 C A	AB	260	0.354	0.021	3.12	0.14	S
31272	10.860	0.037	9.933	0.026		0.806	0.035	T	0.83	0.03	L	10.0047	0.0026	0.030	183		9.94	10.05		C			1							
31273	8.267	0.007	8.235	0.008		0.018	0.004	G	0.04	0.00	H	8.2501	0.0015	0.015	178		8.22	8.28		C			1							
31274	8.828	0.016	8.586	0.018		0.231	0.023	T	0.26	0.03	L	8.6216	0.0024	0.020	76		8.58	8.66					1							
31275	7.951	0.007	7.531	0.006		0.397	0.009	T	0.46	0.01	L	7.5889	0.0011	0.012	150		7.57	7.61					1							S
31276	10.984	0.073	9.010	0.024		1.637	0.061	T	1.66	0.06	L	8.9791	0.0033	0.020	52		8.94	9.02					1							
31277	6.995	0.007	5.680	0.003		1.105	0.004	G	0.98	0.04	E	5.7340	0.0006	0.006	65		5.73	5.75		C			1							S
31278	4.916	0.003	5.069	0.004		−0.132	0.004	T	−0.12	0.01	L	5.0482	0.0008	0.007	52		5.04	5.06					1							S
31279	9.320	0.014	8.759	0.013		0.530	0.014	T	0.60	0.01	L	8.8342	0.0019	0.013	121		8.81	8.86		C			1							
31280	8.965	0.011	8.270	0.010		0.629	0.011	T	0.70	0.01	L	8.3140	0.0012	0.015	121		8.29	8.34		C			1 G							
31281	10.559	0.045	9.317	0.025		1.060	0.040	T	1.03	0.03	L	9.3395	0.0034	0.019	64		9.29	9.37		C			1							G
31282	8.527	0.009	8.248	0.010		0.263	0.014	T	0.30	0.02	L	8.3031	0.0016	0.013	111		8.28	8.32					1							S
31283	9.601	0.014	9.127	0.014	*	0.459	0.016	T	0.53	0.02	L *	9.2162	0.0029	0.028	161	*	9.17	9.26			06337−2853	I 1	2 C S A	AB	145	0.187	0.008	0.45	0.29	S
31284	7.211	0.005	7.198	0.005		0.016	0.002	G	0.04	0.00	H	7.2158	0.0010	0.010	163		7.20	7.23					1 G							S
31285	7.504	0.006	7.486	0.008		0.016	0.015	G	0.04	0.01	H	7.5050	0.0010	0.009	100		7.49	7.52					1							S
31286	9.629	0.019	9.481	0.024		0.098	0.004	G	0.11	0.00	H	9.5188	0.0016	0.021	222		9.48	9.55		C			1							
31287	9.106	0.024	7.636	0.014		1.230	0.015	G	1.19	0.01	H	7.6818	0.0019	0.010	60		7.67	7.70		C			1							S
31288	8.981	0.012	7.201	0.006		1.483	0.011	T	1.50	0.02	L	7.1769	0.0011	0.009	103		7.16	7.19		C			1							S
31289	11.064	0.050	10.076	0.033		0.853	0.047	T	0.90	0.05	L	10.1901	0.0032	0.026	103		10.15	10.26					1							G
31290	6.597	0.004	6.534	0.005		0.057	0.006	T	0.07	0.01	L	6.5555	0.0007	0.005	100		6.55	6.56		C			1							S
31291	8.334	0.014	8.301	0.017		0.011	0.005	G	0.03	0.01	H	8.3434	0.0018	0.009	46		8.32	8.36		C			1							
31292											T	11.4903	0.0817			B				U	06337−7538	M 2	1 C I D							D
31293	12.290	0.220	10.556	0.067	A						T	10.4985	0.0409	0.079	94	A	10.31	10.58		U	06337−7538	M 2	1 C P D							G D
31294	9.995	0.036	8.651	0.020		1.140	0.032	T	1.10	0.03	L	8.6904	0.0020	0.015	64		8.67	8.73		C			1							
31295	9.360	0.016	8.142	0.010		1.041	0.015	T	1.01	0.01	L	8.1899	0.0013	0.012	119		8.17	8.21		C			1							
31296	10.264	0.024	8.747	0.012		1.296	0.022	T	3.47	0.05	O	8.2391	0.0139	0.109	147		8.06	8.48		U 2			1 S							
31297	9.440	0.043	7.862	0.022		1.323	0.038	T	1.28	0.04	L	7.9189	0.0024	0.010	43		7.89	7.94		C			1							
31298	8.185	0.008	8.149	0.010		0.033	0.011	T	0.05	0.01	L	8.1654	0.0014	0.015	131		8.14	8.19					1							S
31299	7.257	0.005	5.572	0.003		1.419	0.005	G	1.32	0.04	E	5.5671	0.0006	0.007	141		5.56	5.58		C			1							S
31300						1.500	0.015	G	2.39	0.00	A	11.6409	0.0073	0.049	98		11.53	11.72		U			1							D

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
31301		06 33 50.79	−47 03 18.5	10.61		G	98.461 616 08	−47.055 133 94		2.81	−16.44	15.23	1.24	1.22	1.36	1.51	1.36	−7	−9	−15	+27	−6	−8	−10	−1	+4	−19	0	−0.58
31302		06 33 50.95	−38 50 54.9	8.19		G	98.462 305 73	−38.848 583 96		2.89	−3.66	−0.81	0.64	0.65	0.79	0.75	0.86	−1	+15	−5	+26	+0	+23	+0	+15	−4	−2	0	0.80
31303		06 33 50.96	+04 31 31.6	8.27		H	98.462 323 26	+04.525 447 87		2.15	−0.26	−1.55	1.10	0.85	1.17	1.02	0.81	−38	+28	−31	−33	+26	−6	+27	−36	+3	−15	3	−0.60
31304		06 33 52.15	+40 34 07.8	9.85		H	98.467 299 72	+40.568 833 05		3.67	−11.92	−13.19	1.42	0.92	1.51	1.62	0.99	+23	+17	−9	−9	−12	−5	−14	−44	+1	+18	3	−0.32
31305		06 33 54.41	+04 39 44.6	7.76		H	98.476 707 98	+04.662 388 80		1.10	−0.49	1.49	1.08	0.81	1.12	0.89	0.70	−47	+38	−38	−37	+24	−6	+25	−39	+7	−17	2	1.17
31306		06 33 54.61	+14 28 17.0	10.90	2	H	98.477 540 85	+14.471 398 73		−2.58	2.12	−2.09	2.26	1.46	2.49	2.14	1.56	−10	+52	−15	−19	+2	−22	−8	−23	−14	+5	0	−0.85
31307		06 33 55.77	+43 06 35.1	8.97		H	98.482 374 11	+43.109 746 09		4.96	−0.27	−29.08	1.14	0.75	1.31	1.33	0.84	+11	+48	−8	−10	−21	−4	−15	−36	−4	+36	4	−1.16
31308		06 33 57.35	+22 20 24.5	8.35		H	98.488 979 08	+22.340 148 35		3.30	−19.96	−24.81	1.23	0.83	1.34	1.64	1.08	+8	+31	−29	+4	+4	+7	+12	−38	+19	+23	0	−0.96
31309	H	06 33 57.62	+52 27 41.8	6.91		H	98.490 074 51	+52.461 601 82	A	9.95	3.40	−78.61	1.34	1.00	1.43	1.41	0.96	−25	+35	−9	+3	+25	+6	+26	−19	+11	−27	3	1.20
31310		06 33 57.96	+27 02 41.3	7.83		H	98.491 511 48	+27.044 792 53		3.48	10.43	−13.93	1.10	0.68	1.20	1.21	0.78	−2	+42	−15	+11	−16	−2	−5	−8	+12	+29	0	0.55
31311	H	06 33 58.64	−14 47 23.4	9.15	2	H	98.494 352 35	−14.789 843 19	*	1.74	−6.13	4.79	1.13	0.87	1.42	1.36	1.16	+20	+8	−28	−39	−20	+4	−15	−50	+34	+31	0	1.24
31312		06 34 00.68	−04 34 04.9	8.29		G	98.502 849 12	−04.568 019 91		2.18	2.57	0.84	0.96	0.58	1.20	0.98	0.78	−35	+50	−35	−26	−11	−21	−13	−37	+16	−11	0	−1.33
31313		06 34 01.60	+23 02 56.9	8.89		H	98.506 660 70	+23.049 125 53		0.33	−18.78	−3.50	1.45	1.02	1.48	2.06	1.40	+15	+22	−7	+27	+17	+22	+21	−5	−2	+29	0	0.64
31314		06 34 02.53	−77 41 15.2	6.66		H	98.510 561 48	−77.687 557 71		19.39	−12.12	−60.44	0.48	0.45	0.50	0.52	0.53	−18	+2	+18	−9	+8	+9	+7	+0	−26	−25	4	0.98
31315		06 34 03.40	−60 35 16.2	9.18		H	98.514 166 83	−60.587 844 94		6.85	−9.05	17.87	0.76	0.70	0.80	0.86	0.73	−10	−12	+1	+15	−19	−7	−21	+0	+2	−32	0	0.43
31316		06 34 03.64	+22 07 03.9	7.42		H	98.515 162 26	+22.117 744 40		9.06	−5.82	−34.38	1.07	0.67	1.10	1.31	0.86	+16	+40	−11	+15	+10	+1	+8	−21	−3	+23	0	0.54
31317		06 34 03.70	−30 20 13.6	8.11		G	98.515 420 38	−30.337 100 01		9.32	13.47	−7.84	0.53	0.61	0.81	0.59	0.72	−6	+6	−1	+17	−14	+10	−15	−4	+10	−13	1	−0.06
31318		06 34 04.74	−72 16 11.4	8.09		H	98.519 733 92	−72.269 830 99		5.50	−5.54	−14.59	0.56	0.62	0.62	0.64	0.68	−14	+11	+8	+4	−5	+11	−6	+2	−6	−30	0	2.12
31319		06 34 04.95	+27 33 17.4	10.19		H	98.520 621 97	+27.554 826 33		3.51	−1.58	−3.58	1.75	1.11	1.98	1.95	1.36	−13	+47	−29	+9	−20	+5	−6	−10	+20	+18	0	−0.22
31320		06 34 05.19	−26 01 41.7	8.03		H	98.521 632 06	−26.028 240 64		8.01	9.70	8.56	0.54	0.61	0.96	0.69	0.73	−5	−10	+1	+2	−25	+12	−24	−3	+9	+1	0	−0.11
31321		06 34 06.15	+01 38 26.8	8.65		H	98.525 633 20	+01.640 787 44		−0.67	0.47	−2.84	1.04	0.78	1.30	1.19	0.96	−16	+27	−37	−2	+11	−32	−1	−8	−4	+4	0	−0.50
31322		06 34 06.94	−21 32 10.1	7.94		G	98.528 933 18	−21.536 128 18		2.13	4.26	4.24	0.56	0.55	0.89	0.61	0.62	+10	+17	+4	+53	−23	+15	−14	+4	+7	+29	1	−0.28
31323		06 34 07.10	+22 07 27.2	7.18		G	98.529 598 90	+22.124 225 61		8.83	−9.36	−36.14	1.00	0.63	1.02	1.25	0.83	+17	+36	−11	+16	+8	+2	+6	−21	−6	+24	0	0.62
31324		06 34 07.50	+07 59 30.4	9.98		H	98.531 262 92	+07.991 782 56	B	9.99	4.76	−13.04	20.60	14.60	11.23	17.93	12.49	+1	+17	−9	−15	−11	−9	−7	−37	−16	+32	1	0.93
31325	H	06 34 08.11	−29 37 46.3	6.82		H	98.533 792 88	−29.629 518 99	A	7.98	−9.25	−34.57	0.74	0.78	0.97	0.84	0.88	−4	+9	−6	+7	−16	−6	−15	−11	+15	−13	2	2.06
31326		06 34 08.42	+02 53 54.9	6.90		G	98.535 076 22	+02.898 574 25		17.79	−10.71	36.17	0.81	0.58	0.92	0.80	0.64	+6	+34	−18	−26	+3	−23	−6	−19	−19	+26	0	1.00
31327		06 34 08.85	+20 40 36.1	10.16		G	98.536 877 15	+20.676 702 77		−1.48	−1.15	−4.89	2.27	1.23	2.59	1.78	1.22	−32	+74	−46	+9	−17	+14	+12	−41	+16	+39	0	0.80
31328		06 34 09.26	+07 59 27.3	8.27		H	98.538 578 56	+07.990 927 94	A	0.81	−0.08	−6.98	3.78	2.92	2.96	3.97	2.96	−17	+10	−17	−29	+3	+3	+14	−52	−5	+31	1	0.93
31329		06 34 09.75	+49 51 02.9	9.23		H	98.540 616 87	+49.850 808 55		1.65	−4.57	−0.35	1.00	0.79	1.33	1.22	0.87	−15	+16	+24	+9	+43	+23	+35	−4	−6	−42	2	0.91
31330		06 34 10.22	−42 05 56.1	7.35		H	98.542 585 53	−42.098 928 56		6.18	−3.09	−49.53	0.49	0.58	0.62	0.54	0.87	−11	+8	−18	−1	+4	+0	+4	−9	−7	−17	0	−0.82
31331		06 34 10.68	−66 05 55.1	9.33		H	98.544 488 39	−66.098 646 50		3.75	−1.92	−0.88	0.82	0.81	0.89	0.81	0.99	−8	+34	−13	−19	−7	+0	+0	−5	+16	−15	0	0.72
31332	H	06 34 11.77	−10 57 27.2	9.54		G	98.549 052 57	−10.957 562 87	A	21.80	−114.17	270.77	2.11	1.54	2.39	2.89	2.13	+2	+33	−9	−26	−5	−20	−1	−51	−6	+32	1	−0.08
31333		06 34 13.77	+65 17 12.3	7.59		H	98.557 354 41	+65.286 753 79		15.61	−13.94	52.22	0.50	0.52	0.81	0.60	0.58	−1	+14	−18	−11	−12	−6	−11	−17	+14	−17	1	0.66
31334	H	06 34 14.01	+62 10 28.4	9.47		H	98.558 360 78	+62.174 555 40	*	1.53	−2.55	0.78	1.17	0.90	1.35	1.54	1.13	+9	+9	+1	+0	+7	+10	+7	+4	+5	+6	0	−0.31
31335		06 34 14.44	−63 55 05.3	8.53		G	98.560 185 27	−63.918 133 80		3.58	−4.57	9.86	0.64	0.69	0.71	0.67	0.89	−4	+16	−3	+20	−9	+20	−15	+26	−25	−4	0	1.74
31336		06 34 14.93	−27 19 32.7	8.85		H	98.562 227 14	−27.325 742 94		1.29	−2.57	−5.78	0.70	0.85	1.22	0.80	1.07	−7	−6	+9	−1	−18	−5	−20	+2	+11	−10	0	0.55
31337		06 34 15.18	+02 23 21.7	8.16		H	98.563 262 76	+02.389 354 94		0.10	−1.13	−3.37	0.99	0.76	1.19	1.08	0.89	+11	+15	−34	−12	+3	−14	+0	−19	−11	+33	0	−0.21
31338		06 34 18.19	−04 54 00.4	7.26		G	98.575 772 73	−04.900 108 11		2.46	−4.81	−1.91	0.71	0.45	0.91	0.82	0.65	−18	+44	−28	−20	−25	−18	−23	−33	+12	+21	0	−1.84
31339		06 34 18.46	−05 19 41.0	8.03		H	98.576 934 88	−05.328 059 86		2.52	−2.61	−3.14	0.83	0.57	1.06	0.83	0.70	−28	+41	−32	−24	−8	−20	−12	−26	+13	−6	0	−2.93
31340		06 34 19.37	+38 04 33.7	6.66		H	98.580 699 43	+38.076 022 28		3.47	5.78	−7.96	0.80	0.55	0.94	1.00	0.63	−6	+18	+2	−17	+7	+13	+9	−53	−9	+6	0	−0.46
31341		06 34 19.94	−16 00 39.5	7.64		G	98.583 086 83	−16.010 979 37		11.57	−22.35	49.18	0.72	0.57	0.93	0.87	0.69	+6	+27	−6	−19	−8	−3	−2	−31	+24	−8	0	1.31
31342		06 34 20.50	−02 54 20.3	7.37		H	98.585 422 08	−02.905 643 21		3.72	−6.85	−8.10	0.77	0.48	0.98	0.81	0.66	−24	+43	−24	−30	−14	−25	−16	−43	+19	−14	3	0.23
31343		06 34 21.21	−55 14 21.2	8.67		H	98.588 392 27	−55.239 209 43		2.42	3.35	−3.87	0.71	0.71	0.75	0.77	0.86	−5	+1	+0	+19	−10	+1	−11	+15	−13	−8	0	1.06
*31344		06 34 21.66	−03 04 26.8	6.59		H	98.590 267 76	−03.074 104 98		2.43	−1.85	0.89	0.66	0.43	0.83	0.72	0.59	−13	+39	−13	−21	−21	−12	−17	−44	+14	−3	1	−0.80
*31345	H	06 34 21.59	+14 45 07.8	7.64		H	98.589 974 87	+14.752 161 88	A	12.65	7.42	4.96	2.62	1.96	2.19	2.45	1.85	−9	+30	−12	−28	+17	−9	+11	−42	+4	−43	5	1.16
*31346	H	06 34 21.66	+03 18 23.3	7.25		H	98.590 245 64	+03.306 483 68	A	4.93	0.86	−7.70	1.25	0.87	1.17	1.15	0.96	−7	+25	−8	−41	+11	−14	+6	−43	−13	−27	1	0.10
31347		06 34 22.64	+06 41 42.6	7.54		H	98.594 330 21	+06.695 166 10		6.73	−1.69	−22.60	0.85	0.60	1.04	0.81	0.62	−14	+54	−35	−18	+12	−31	−3	−11	−11	+26	0	−0.57
31348		06 34 23.57	+02 32 02.9	7.96		H	98.598 222 78	+02.534 148 15		0.83	−7.40	0.42	0.91	0.69	1.11	0.96	0.81	+5	+24	−27	−16	+7	−20	+1	−25	−19	+28	0	0.32
31349		06 34 23.92	+16 04 30.3	8.64	2	H	98.599 656 92	+16.075 096 94		3.09	−1.76	−2.56	1.38	1.18	1.62	1.85	1.29	+10	+16	−47	−32	−12	−10	−14	−44	+7	+37	3	−0.29
31350		06 34 24.96	+51 05 41.2	8.13		H	98.603 994 31	+51.094 781 70		0.47	−0.64	−14.57	0.86	0.64	1.09	0.91	0.71	−4	+34	−20	+27	+34	−8	+35	+14	+16	−9	0	−1.88
31351		06 34 27.06	−02 42 10.5	9.61		G	98.612 746 80	−02.702 907 06		3.86	−3.53	−5.25	1.41	0.89	1.73	1.68	1.34	−29	+41	−23	−36	−6	−18	−5	−56	+17	−15	6	1.84
31352		06 34 27.09	−07 57 01.2	8.43		H	98.612 871 55	−07.950 333 20		3.51	2.08	6.27	1.02	0.75	1.23	1.34	1.03	−17	+23	−25	−24	−8	+5	+1	−44	+3	+22	0	0.50
31353		06 34 27.60	+21 25 38.5	8.01		H	98.615 008 16	+21.427 363 82		4.22	−14.34	−81.16	1.11	0.67	1.17	1.24	0.86	+5	+47	−14	+9	−5	−1	−4	−22	+4	+11	0	0.96
31354		06 34 29.60	+39 27 54.1	8.76		H	98.623 312 80	+39.465 036 92		3.26	−2.54	−5.11	1.06	0.70	1.22	1.24	0.80	−1	+35	−4	−12	−2	−13	−1	−38	+6	−4	0	−1.40
31355		06 34 31.09	−18 48 43.8	7.80		H	98.629 532 84	−18.812 158 15		8.64	7.98	−5.58	0.51	0.58	0.92	0.67	0.74	−10	+16	−20	+17	+1	+2	−5	−28	+17	−28	0	0.89
31356	H	06 34 32.03	−11 13 47.0	7.43		G	98.633 452 87	−11.229 726 36	A	10.46	−29.44	−6.67	2.11	1.89	2.00	1.96	1.67	−27	+36	−20	−38	+25	−16	+27	−53	+15	−25	2	−0.47
31357		06 34 32.22	+30 57 16.9	8.44	1	H	98.634 253 90	+30.954 694 08		6.36	46.56	−9.67	1.29	0.89	1.24	1.79	1.04	+47	+14	−8	−55	−58	+28	−52	−82	+9	+55	2	1.76
31358		06 34 32.44	+57 49 46.5	10.19		G	98.635 173 51	+57.829 585 99		7.80	180.34	−13.79	1.35	1.05	1.62	1.53	1.23	+4	+30	−11	+0	+24	−10	+24	−20	+7	+8	0	−1.37
31359		06 34 32.80	+55 21 10.9	6.45	2	T	98.636 651 52	+55.353 029 21		2.10	2.69	5.21	0.68	0.50	0.86	0.75	0.56	+0	+26	−18	+22	+11	−3	+14	−15	+24	−2	0	−0.22
31360		06 34 34.15	−17 21 52.1	8.76		G	98.642 294 59	−17.364 471 57		2.96	−6.19	5.14	0.66	0.62	0.97	0.81	0.85	+6	+5	−8	−35	−6	−12	−8	−36	+2	−4	0	1.55
31361		06 34 35.29	+13 04 44.7	11.84	3	H	98.647 060 32	+13.079 086 87		−6.20	9.12	4.84	3.44	2.66	4.27	5.43	3.31	+23	+9	−54	+13	+17	−28	+9	+7	−19	+70	0	−1.08
31362		06 34 35.33	−32 42 58.5	5.62		G	98.647 204 07	−32.716 261 13		6.70	3.18	2.70	0.43	0.40	0.58	0.47	0.48	−5	+28	−10	+9	−7	+22	−5	−12	+0	−6	1	1.15
31363		06 34 35.61	+04 58 04.9	6.68	2	H	98.648 385 73	+04.968 031 26		4.27	21.50	−42.52	0.83	0.61	0.90	0.74	0.57	−10	+28	−29	−35	−2	+7	+2	−36	+8	+2	2	0.88
31364		06 34 36.16	+23 12 02.1	8.89		H	98.650 650 12	+23.200 594 25		0.70	−1.13	−4.16	1.28	0.85	1.30	1.83	1.24	+7	+28	−21	+34	+17	+9	+27	−1	+15	+31	0	0.59
31365		06 34 36.16	+08 21 07.7	9.06		H	98.650 673 53	+08.352 127 95		−5.93	5.80	−0.45	6.08	4.86	6.94	6.63	5.66	+2	+21	−11	−28	−3	−9	−8	−41	−24	+10	0	
31366		06 34 36.58	+21 38 32.0	8.34		H	98.652 432 29	+21.642 235 84		0.01	−4.88	−2.40	1.17	0.77	1.23	1.31	0.95	+5	+41	−5	+11	−3	+11	−2	−21	+3	+5	0	−0.13
31367		06 34 38.46	+43 03 56.1	7.49		G	98.660 242 55	+43.065 581 24		7.95	−7.82	−48.50	0.72	0.52	0.87	0.90	0.58	−5	+29	−16	+2	−19	+12	−4	−32	+20	+24	0	−0.22
31368		06 34 39.31	+19 25 44.6	7.07		H	98.663 780 23	+19.429 064 39		5.65	5.23	−8.96	1.00	0.59	1.06	0.92	0.63	−7	+59	−23	+18	+7	−4	+5	−8	−10	+28	0	1.04
31369		06 34 39.53	−46 30 36.2	8.58		H	98.664 709 55	−46.510 061 53		2.83	−16.48	21.65	0.69	0.63	0.75	0.79	0.68	−7	+14	−5	−2	−12	+17	−10	+12	−2	−14	3	0.17
31370		06 34 39.77	+01 43 39.7	7.86		H	98.665 719 67	+01.727 694 88		2.49	1.05	−2.64	0.87	0.63	1.09	0.97	0.78	−11	+34	−35	−2	+10	−30	−1	−3	−9	+16	0	−0.07
31371	H	06 34 40.66	−08 36 29.2	8.85	2	H	98.669 406 11	−08.608 114 24	*	2.15	−3.57	2.07	2.69	2.12	1.56	1.90	1.70	−51	+29	−9	−51	+31	−15	+28	−54	−1	−43	1	0.66
31372		06 34 40.90	+03 04 24.3	8.24		G	98.670 421 06	+03.073 423 47		2.00	−7.41	−5.92	1.04	0.75	1.17	1.09	0.94	−5	+27	−4	−32	+11	−16	+4	−38	−28	+1	0	0.75
31373	H	06 34 41.80	+38 32 24.6	7.30		G	98.674 175 39	+38.540 167 39	A	3.92	16.93	−13.36	1.89	1.39	1.94	2.52	1.52	+19	−4	−23	−44	−29	+40	−22	−59	+27	+41	1	−0.35
31374	H	06 34 43.36	−34 00 34.2	6.69		G	98.680 677 88	−34.009 486 97	A	5.50	−3.64	35.10	0.77	0.83	0.90	0.79	1.02	−12	+10	−13	+15	+5	+9	+15	+8	+9	−8	2	−0.24
31375		06 34 43.45	+12 00 59.0	9.07		H	98.681 027 38	+12.016 385 68		2.31	−7.19	−25.45	1.22	0.80	1.32	1.24	0.93	+7	+45	−1	+4	+18	−17	+7	−15	−23	+19	0	1.23
31376		06 34 43.93	−51 12 59.6	8.18		G	98.683 042 58	−51.216 559 26		7.42	−35.65	69.66	0.59	0.70	0.71	0.66	0.77	−9	+22	−15	−4	−5	−6	−4	−21	+23	−29	0	−0.54
31377		06 34 44.11	+38 51 18.1	9.96		H	98.683 810 12	+38.855 017 55		2.25	−2.07	2.21	1.51	1.01	1.69	1.84	1.16	+6	+29	−2	−22	−10	+0	−10	−51	−7	+11	0	0.26
31378		06 34 44.32	+49 02 20.5	10.48		H	98.684 672 38	+49.039 020 93		2.24	−5.09	−5.96	1.47	1.13	1.75	2.13	1.52	+6	+1	+2	−11	+1	+19	−2	−31	+13	−4	0	−0.30
31379		06 34 44.63	+42 30 12.8	8.91	2	H	98.685 940 54	+42.503 555 03		−1.80	−2.64	−5.50	1.00	0.68	1.13	1.18	0.73	−14	+35	−11	−8	+3	+15	+14	−44	+11	+15	0	0.49
31380		06 34 45.40	+37 25 21.8	10.36		G	98.689 155 21	+37.422 720 91		15.06	−227.31	−110.13	1.72	1.17	1.96	2.14	1.40	−8	+32	+6	−9	−5	+3	−7	−43	−13	−6	4	0.98
*31381		06 34 45.85	−62 33 43.3	8.20		H	98.691 043 57	−62.562 022 83		5.25	9.07	19.77	0.75	0.71	0.75	0.86	0.89	−10	+10	−12	−14	−10	+8	−9	+21	−14	−18	2	−0.44
*31382		06 34 45.82	−20 33 26.8	7.02		G	98.690 926 52	−20.557 450 90		6.01	−12.54	3.23	0.47	0.51	0.80	0.61	0.69	−17	+3	−14	+16	+11	−8	+7	−28	+24	−26	0	−0.14
31383		06 34 45.89	+08 49 32.2	9.31	3	H	98.691 228 15	+08.825 619 83		4.35	−8.57	−5.61	1.23	0.94	1.54	1.21	0.96	−8	+36	−31	−19	+13	−25	−1	−25	−27	+23	0	0.65
31384		06 34 46.12	−19 57 10.8	8.06		G	98.692 153 18	−19.953 005 39		2.88	−4.81	6.67	0.52	0.62	1.01	0.67	0.83	−23	+4	−13	+16	+15	−20	+10	−23	+35	−37	1	0.71
31385		06 34 46.33	+07 34 21.0	6.44		H	98.693 033 36	+07.572 499 71		9.01	−16.76	−7.43	0.83	0.56	0.94	1.14	0.77	−7	+18	−9	+23	−7	−38	−16	+1	−4	−14	0	−0.38
31386		06 34 46.96	−63 15 43.6	7.78		H	98.695 659 65	−63.262 103 67		12.02	−21.81	−13.72	0.59	0.58	0.57	0.69	0.76	−15	+8	−4	+28	−17	−1	−19	+40	−10	−15	0	1.02
31387		06 34 47.15	−42 23 40.3	8.37		H	98.696 465 00	−42.394 518 41		7.41	2.65	2.01	0.59	0.72	0.77	0.64	0.99	−9	−4	+8	+2	+8	−6	+9	−10	−21	−19	0	−2.09
31388		06 34 47.78	+24 08 54.7	9.17		H	98.699 077 82	+24.148 515 55		4.44	12.61	−8.83	1.32	0.84	1.46	1.51	1.07	−20	+52	−37	+18	+7	+1	+23	−21	+26	+8	0	1.69
31389		06 34 49.11	+30 15 38.2	9.39		H	98.704 637 67	+30.260 611 88		0.81	0.15	−12.46	1.42	1.03	1.69	1.81	1.11	−23	+25	+7	−14	+10	+40	+15	−62	−16	−2	0	1.31
31390		06 34 50.39	−75 13 08.0	8.99		H	98.709 960 10	−75.218 875 09		4.44	−0.26	16.75	0.76	0.74	0.80	0.76	0.91	−8	+22	+3	+1	−7	−4	−10	+5	−11	−12	1	−4.10
31391		06 34 51.06	+41 42 00.8	9.10		H	98.712 752 25	+41.700 209 52		1.42	−18.50	−6.54	1.18	0.93	1.43	1.69	1.06	−18	+8	−12	−17	+10	+38	+23	−57	+8	+9	0	0.61
31392		06 34 51.19	−19 38 48.0	7.32		H	98.713 272 30	−19.646 675 34		2.17	0.10	6.87	0.50	0.56	0.91	0.63	0.74	−23	+7	−21	+29	+18	−16	+10	−30	+23	−38	0	−1.83
31393		06 34 51.44	−04 15 18.9	8.10		H	98.714 344 56	−04.255 256 24		4.59	−8.23	6.03	0.74	0.50	0.99	0.88	0.71	−27	+42	−35	−18	−20	−5	−4	−44	+30	+11	0	−1.12
31394		06 34 51.98	−53 16 54.8	7.61		H	98.716 583 90	−53.281 892 73		2.51	−22.66	8.24	0.61	0.57	0.63	0.65	0.70	−8	+5	+6	−18	−3	+11	−1	+7	−5	−21	0	−0.55
31395		06 34 52.73	−18 01 38.4	9.20		H	98.719 725 07	−18.027 343 43		6.32	1.02	−1.19	0.98	1.06	1.54	1.15	1.19	+43	−20	−42	−43	−38	+29	−34	−47	+23	+30	0	−2.14
31396		06 34 53.68	+16 12 20.9	6.61		H	98.723 667 82	+16.205 802 84		4.09	0.37	−10.27	0.93	0.79	1.07	1.25	0.86	+11	+21	−47	−32	−16	−6	−14	−48	+8	+47	3	−0.18
31397		06 34 54.00	−34 50 10.2	8.55		H	98.725 004 00	−34.836 170 82		9.90	−15.37	−13.15	0.64	0.67	0.84	0.73	0.97	−5	+21	−23	+4	+7	+7	+11	+9	+3	+4	0	−0.55
31398		06 34 54.25	−30 05 31.3	6.94	1	H	98.726 058 20	−30.092 036 01		2.27	−4.39	4.59	0.45	0.47	0.63	0.52	0.55	−1	+6	−2	+12	−16	+2	−16	−8	+12	−6	2	0.61
31399		06 34 54.81	−60 42 50.5	9.07		H	98.728 384 50	−60.714 022 47		3.54	−13.31	12.51	0.75	0.73	0.79	0.96	0.87	−6	−8	+6	+14	−16	−14	−15	+8	−4	−24	0	0.61
31400		06 34 55.41	−45 18 29.8	9.20	2	H	98.730 866 39	−45.308 271 48		1.57	70.91	−45.41	0.76	0.80	0.88	0.93	0.93	−2	+0	+4	−5	−5	−6	−4	+2	−5	−13	0	1.81

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No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
31301	11.710	0.120	10.873	0.087		0.801	0.015	G	0.83	0.01	H	10.8357	0.0052	0.037	100		10.77	10.89			06338−4703	I 1	1						G
31302	9.353	0.014	8.258	0.010		0.920	0.015	G	0.92	0.01	H	8.3351	0.0011	0.011	115		8.31	8.36					1						
31303	8.600	0.016	8.342	0.018		0.246	0.023	T	0.28	0.03	L	8.3427	0.0022	0.013	47		8.32	8.37					1						
31304	10.406	0.039	9.844	0.036		0.526	0.047	T	0.60	0.05	L	9.9638	0.0024	0.023	84		9.92	10.00					1						G
31305	8.104	0.014	7.794	0.013		0.296	0.020	T	0.34	0.03	L	7.8302	0.0024	0.014	53		7.81	7.85					1						S
31306						0.420	0.190	G	0.49	0.20	R	10.9973	0.0357	0.181	62		10.68	11.13	3.14	P 1 A			1 S						G
31307	9.471	0.020	8.973	0.019		0.468	0.025	T	0.54	0.03	L	9.0681	0.0022	0.018	84		9.04	9.10		C			1						
31308	8.805	0.019	8.374	0.019		0.407	0.025	T	0.47	0.03	L	8.4466	0.0025	0.011	53		8.43	8.47		C			1						
31309	7.211	0.009	6.886	0.009	*	0.309	0.012	T	0.35	0.02	L *	6.9910	0.0014	0.009	88	*	6.98	7.01		D	06340+5228	I 1	2 C A	AB	334	4.800	0.006	1.11	0.02	S
31310	9.197	0.020	7.957	0.013		1.050	0.015	G	1.02	0.01	H	7.9967	0.0015	0.013	70		7.97	8.02					1						
31311	9.224	0.013	9.170	0.017	*	0.055	0.019	T	0.07	0.01	L *	9.1687	0.0037	0.030	120	*	9.12	9.24		U 2	06340−1447	H 1	2 C S A	AB	12	0.173	0.017	1.03	0.41	
31312	10.493	0.031	8.519	0.012		1.660	0.015	G	1.67	0.09	H	8.4176	0.0016	0.016	146		8.39	8.44					1						
31313	10.172	0.054	8.939	0.032		1.053	0.049	T	1.02	0.04	L	9.0605	0.0028	0.018	47		9.04	9.09		C			1						
31314	7.235	0.005	6.718	0.005		0.489	0.002	G	0.56	0.02	A	6.7680	0.0007	0.006	113		6.76	6.78		C			1						S
31315	9.726	0.020	9.196	0.019		0.506	0.021	T	0.58	0.02	L	9.2883	0.0015	0.016	102		9.26	9.33		C			1						
31316	7.898	0.015	7.439	0.011		0.433	0.017	T	0.50	0.02	L	7.5233	0.0018	0.010	50		7.51	7.53		C	06341+2207	I 2	1						S
31317	8.597	0.008	8.152	0.008		0.423	0.015	G	0.49	0.02	H	8.1950	0.0014	0.015	153		8.16	8.22		C			1						S
31318	8.544	0.009	8.126	0.009		0.409	0.010	T	0.48	0.01	L	8.1849	0.0012	0.012	110		8.16	8.21					1						S
31319	10.686	0.068	10.243	0.072		0.418	0.091	T	0.48	0.10	L	10.2892	0.0027	0.022	62		10.25	10.33					1						G
31320	8.289	0.007	8.050	0.008		0.225	0.015	G	0.25	0.02	H	8.0952	0.0013	0.017	166		8.07	8.13		C			1						S
31321	8.750	0.016	8.654	0.019		0.094	0.023	T	0.11	0.03	L	8.6851	0.0014	0.013	51		8.66	8.70					1						
31322	8.046	0.006	7.932	0.007		0.081	0.002	G	0.09	0.00	H	7.9700	0.0012	0.014	198		7.94	7.99					1						S
31323	7.462	0.011	7.193	0.011		0.271	0.015	G	0.31	0.02	H	7.2478	0.0012	0.007	51		7.23	7.26		C	06341+2207	I 2	1						S
31324	9.937	0.044	9.803	0.057	B	0.129	0.067	T	0.14	0.07	L	9.9551	0.0543			B				D	06342+0759	I 2	1 C I D						D
31325	7.114	0.006	6.804	0.006	*	0.296	0.009	T	0.34	0.01	L *	6.8901	0.0010	0.013	150	*	6.87	6.92		D	06341−2938	I 1	2 C A	AB	354	7.702	0.003	1.28	0.02	S
31326	7.319	0.008	6.922	0.008		0.398	0.015	G	0.46	0.02	H	6.9829	0.0015	0.007	58		6.97	6.99					1						S
31327	10.275	0.051	10.143	0.071		0.063	0.006	G	0.07	0.01	H	10.1906	0.0051	0.017	45		10.15	10.22					1						G
31328	9.260	0.031	8.321	0.022	A	0.829	0.028	T	0.85	0.02	L	8.4315	0.0184	0.020	49	A	8.36	8.46		D	06342+0759	I 2	1 C P D						D
31329	9.250	0.016	9.216	0.020		0.036	0.024	T	0.05	0.02	L	9.2519	0.0021	0.018	108		9.22	9.29		C			1						
31330	8.533	0.009	7.463	0.007		0.927	0.009	T	0.92	0.01	L	7.5108	0.0009	0.012	124		7.49	7.53			06342−4206	I 1	1						S
31331	9.651	0.019	9.327	0.020		0.311	0.030	T	0.36	0.04	L	9.4077	0.0021	0.017	92		9.38	9.44					1						
31332	10.809	0.044	9.693	0.026	*	0.929	0.015	G	0.97	0.02	I *	9.6664	0.0030	0.026	129	*	9.61	9.71			06342−1057	H 1	2 C A	AB	33	0.859	0.015	2.05	0.05	G
31333	8.114	0.007	7.647	0.008		0.440	0.010	T	0.51	0.01	L	7.6923	0.0009	0.012	161		7.67	7.71		C			1						S
31334	11.709	0.119	9.698	0.034	*	1.242	0.197	G	1.20	0.19	R *	9.6318	0.0029	0.031	81	*	9.54	9.67			06342+6210	H 1	2 C S C	AB	194	0.195	0.015	1.17	0.65	
31335	8.431	0.009	8.504	0.012		−0.060	0.004	G	−0.04	0.00	H	8.5127	0.0012	0.015	109		8.49	8.55		C			1						
31336	10.258	0.022	8.973	0.013		1.093	0.020	T	1.05	0.02	L	9.0222	0.0020	0.025	162		8.98	9.08					1						
31337	8.842	0.016	8.213	0.015		0.580	0.011	G	0.65	0.01	H	8.2807	0.0014	0.011	50		8.26	8.30		C			1						
31338	7.079	0.004	7.232	0.007		−0.139	0.002	G	−0.13	0.00	H	7.2165	0.0009	0.007	132		7.20	7.23		C			1						S
31339	7.954	0.007	8.017	0.009		−0.054	0.015	G	−0.03	0.01	H	8.0187	0.0013	0.014	131		8.00	8.05		C			1						
31340	7.923	0.009	6.780	0.006		0.983	0.008	T	0.96	0.01	L	6.8295	0.0010	0.010	95		6.82	6.84		C	06343+3805	I 1	1						S
31341	8.213	0.009	7.708	0.009		0.493	0.015	G	0.57	0.02	H	7.7513	0.0013	0.015	119		7.73	7.78		C			1						S
31342	7.726	0.005	7.390	0.005		0.319	0.007	T	0.37	0.01	L	7.4462	0.0008	0.008	145		7.43	7.46		C			1						
31343	10.040	0.023	8.810	0.014		1.050	0.021	T	1.02	0.02	L	8.8398	0.0021	0.018	109		8.81	8.87					1						
31344	8.447	0.008	6.750	0.004		1.417	0.007	T	1.40	0.01	L	6.7358	0.0008	0.007	162		6.72	6.75		C	06344−0304	I 1	1						S
31345	8.009	0.020	7.536	0.020	*	0.446	0.026	T	0.52	0.03	L *	7.7421	0.0012	0.010	60	*	7.73	7.76		D	06344+1445	I 1	2 C A	AB	311	1.756	0.004	0.25	0.01	S
31346	8.524	0.015	7.406	0.011	A	0.900	0.495	G	0.97	0.02	L *	7.4165	0.0013	0.010	58	*	7.40	7.43		D	06344+0318	I 1	2 C A	AB	302	1.485	0.014	2.79	0.05	S
31347	7.685	0.010	7.541	0.011		0.095	0.010	G	0.11	0.01	H	7.5790	0.0012	0.008	57		7.56	7.59		C			1						S
31348	8.294	0.014	7.983	0.016		0.295	0.020	T	0.34	0.03	L	8.0304	0.0020	0.011	56		8.01	8.05		C			1						S
31349	12.249	0.267	9.186	0.029		3.000	0.510	G	3.01	0.52	J	8.5449	0.0253	0.209	45		8.41	8.89	250.00	P 1 A			1 S						
31350	9.608	0.019	8.256	0.011		1.146	0.017	T	1.11	0.01	L	8.2933	0.0013	0.016	103		8.27	8.32		C			1						
31351	9.834	0.018	9.652	0.022		0.180	0.020	G	0.20	0.02	H	9.6722	0.0020	0.020	127		9.64	9.71		C			1 S						G
31352	9.986	0.026	8.571	0.015		1.195	0.024	T	1.15	0.02	L	8.5915	0.0021	0.018	99		8.55	8.63					1						
31353	9.487	0.025	8.115	0.014		1.161	0.022	T	1.12	0.02	L	8.1760	0.0019	0.012	52		8.16	8.19		C			1						
31354	10.925	0.048	8.943	0.017		1.679	0.042	T	1.88	0.11	O	8.8476	0.0025	0.023	99		8.81	8.88					1						
31355	8.087	0.007	7.820	0.007		0.251	0.010	T	0.28	0.01	L	7.8714	0.0012	0.015	139		7.85	7.90		C			1						S
31356	7.893	0.008	7.477	0.008	*	0.406	0.009	G	0.47	0.01	H *	7.5106	0.0011	0.011	136	*	7.49	7.54		D	06345−1114	I 1	2 C A	AB	344	0.470	0.003	0.08	0.01	S
31357	8.696	0.012	8.463	0.013		0.217	0.018	T	0.24	0.02	L	8.5107	0.0022	0.018	101		8.48	8.53		U			1						
31358	10.963	0.058	10.212	0.049		0.689	0.011	G	0.75	0.01	H	10.3303	0.0038	0.023	81		10.29	10.38		C			1						G
31359	8.500	0.011	6.630	0.005		1.554	0.010	T	1.57	0.01	L	6.5642	0.0149	0.086	82		6.47	6.70	62.69	P 1 A			1						S
31360	8.722	0.010	8.767	0.013		−0.033	0.004	G	−0.01	0.00	H	8.7603	0.0020	0.017	126		8.74	8.79					1						
31361	11.991	0.281	11.012	0.164							T	11.9142	0.0290	0.301	47		10.98	12.11	2.31	P 1 A			1						D
31362	5.513	0.002	5.602	0.003		−0.085	0.005	G	−0.07	0.01	H	5.5963	0.0005	0.005	125		5.59	5.60		C			1						S
31363	8.824	0.017	7.038	0.008		1.488	0.015	T	1.51	0.02	L	6.7848	0.0084	0.064	60		6.72	6.90		U 2			1 S						S P
31364	8.902	0.021	8.838	0.027		0.064	0.032	T	0.07	0.04	L	8.9186	0.0035	0.015	50		8.89	8.94					1						
31365	9.205	0.022	9.134	0.027		0.089	0.060	G	0.10	0.07	H	9.0981	0.0027	0.017	56		9.07	9.15		D			1 X S						D P
31366	10.196	0.041	8.489	0.018		1.425	0.035	T	1.41	0.06	L	8.4799	0.0022	0.016	62		8.45	8.52					1						
31367	7.875	0.010	7.525	0.010		0.338	0.015	G	0.39	0.02	H	7.5743	0.0014	0.011	81		7.56	7.60		C			1						S
31368	7.083	0.009	7.074	0.008		0.013	0.011	T	0.03	0.01	L	7.0850	0.0010	0.007	52		7.08	7.10		C			1						S
31369	8.911	0.013	8.614	0.014		0.300	0.016	G	0.35	0.02	A	8.6598	0.0014	0.014	111		8.63	8.68		C			1						
31370	7.832	0.009	7.855	0.016		−0.016	0.017	T	0.01	0.02	L	7.8619	0.0013	0.008	51		7.85	7.88		C			1 S						
31371	8.874	0.013	8.862	0.017	*	0.016	0.019	T	0.04	0.02	L *	8.8665	0.0049	0.036	91	*	8.83	8.95	1.57	P 1 A	06347−0837	I 1	2 C A	AB	133	0.281	0.009	0.81	0.12	
31372	9.124	0.018	8.302	0.015		0.735	0.015	G	0.78	0.01	H	8.3884	0.0026	0.016	56		8.37	8.42					1						
31373	8.055	0.027	7.327	0.023	*	0.676	0.015	G	0.74	0.01	H *	7.4394	0.0007	0.012	86	*	7.42	7.46		D	06347+3832	I 1	2 C A	AB	132	3.473	0.004	0.72	0.02	S
31374	7.023	0.007	6.761	0.008	*	0.254	0.015	G	0.29	0.02	H *	6.7484	0.0008	0.007	132	*	6.74	6.76		D	06347−3401	I 1	2 C A	AB	48	0.961	0.002	0.57	0.01	S
31375	9.543	0.028	9.124	0.029		0.396	0.037	T	0.46	0.04	L	9.1671	0.0024	0.019	60		9.14	9.19		C			1						
31376	8.737	0.011	8.212	0.010		0.498	0.015	G	0.57	0.02	H	8.2809	0.0011	0.013	114		8.26	8.30					1						S
31377	10.432	0.039	10.010	0.043		0.399	0.054	T	0.46	0.06	L	10.0477	0.0022	0.023	89		10.01	10.09		C			1						G
31378	10.587	0.048	10.495	0.067		0.090	0.077	T	0.10	0.08	L	10.5158	0.0054	0.033	68		10.45	10.57		C			1						G
31379	12.943	0.325	9.497	0.027		2.000	0.510	G	1.99	0.52	J	8.9920	0.0072	0.067	78		8.88	9.08	193.00	P 1 A			1 S						
31380	11.557	0.085	10.521	0.056		0.930	0.015	G	0.98	0.02	I	10.4985	0.0030	0.028	87		10.46	10.55		C			1						G
31381	9.704	0.020	8.331	0.012		1.162	0.018	T	1.12	0.02	L	8.3639	0.0023	0.015	111		8.34	8.39					1						
31382	7.149	0.005	7.018	0.005		0.103	0.004	G	0.12	0.00	H	7.0611	0.0008	0.009	129		7.04	7.08		C			1						S
31383	9.394	0.022	9.328	0.029		0.060	0.033	T	0.07	0.03	L	9.3308	0.0142	0.073	66		9.28	10.75	1.91	P 1 A			1						G
31384	7.930	0.006	8.039	0.008		−0.089	0.002	G	−0.07	0.00	H	8.0420	0.0011	0.011	139		8.02	8.06		C			1						S
31385	6.441	0.008	6.454	0.007		−0.010	0.009	T	0.01	0.01	L	6.4500	0.0018	0.007	36		6.44	6.47			06348+0734	I 1	1						S
31386	8.083	0.008	7.809	0.009		0.261	0.011	T	0.29	0.01	L	7.8559	0.0018	0.017	105		7.83	7.89					1						S
31387	8.776	0.011	8.409	0.011		0.358	0.014	T	0.42	0.01	L	8.4555	0.0019	0.016	111		8.43	8.48		C			1						S
31388	9.768	0.029	9.223	0.027		0.511	0.035	T	0.58	0.04	L	9.2842	0.0027	0.013	54		9.26	9.31		C			1						
31389	9.636	0.020	9.407	0.023		0.213	0.030	T	0.24	0.03	L	9.4535	0.0027	0.022	91		9.42	9.48		C			1						
31390	9.226	0.016	9.007	0.019		0.203	0.025	T	0.22	0.03	L	9.0558	0.0013	0.014	92		9.02	9.08					1						
31391	10.523	0.038	9.241	0.022		1.091	0.034	T	1.05	0.04	L	9.2729	0.0023	0.020	80		9.25	9.31		C			1						
31392	9.302	0.012	7.489	0.006		1.509	0.011	T	1.54	0.02	L	7.4448	0.0012	0.011	146		7.43	7.47		C			1						S
31393	8.123	0.008	8.110	0.009		0.017	0.011	T	0.04	0.01	L	8.1086	0.0009	0.010	143		8.09	8.13					1						
31394	9.593	0.023	7.783	0.011		1.507	0.020	T	1.54	0.03	L	7.7346	0.0016	0.012	108		7.72	7.76					1						S
31395	9.327	0.014	9.227	0.017		0.090	0.020	T	0.10	0.02	L	9.2418	0.0015	0.021	122		9.20	9.28					1						
31396	7.728	0.011	6.700	0.007		0.895	0.010	T	0.90	0.01	L	6.7654	0.0009	0.007	46		6.76	6.78		D			1						S
31397	9.311	0.014	8.642	0.012		0.609	0.014	T	0.68	0.01	L	8.6840	0.0019	0.018	130		8.65	8.72		C			1						
31398	9.093	0.011	7.122	0.005		1.634	0.010	T	1.66	0.01	L	7.0468	0.0014	0.012	147		7.03	7.07		M			1						S
31399	10.381	0.031	9.198	0.019		1.014	0.028	T	0.99	0.02	L	9.2384	0.0017	0.017	99		9.21	9.27		C			1						
31400	9.628	0.019	9.250	0.020		0.389	0.012	G	0.45	0.01	H	9.2942	0.0085	0.069	106		9.19	9.37	0.80	P 1 A			1						

HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α (ICRS) deg (8)	δ deg (9)	(10)	π mas (11)	μα* mas/yr (12)	μδ mas/yr (13)	σα* mas (14)	σδ mas (15)	σπ mas (16)	σμα* mas/yr (17)	σμδ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	F1 % (29)	F2 (30)
31401		06 34 55.63	−15 19 43.6	8.63		H	98.731 782 96	−15.328 791 43		14.21	−4.04	34.17	0.89	0.68	1.19	0.97	0.83	+7	+34	−24	−20	−6	−8	+5	−44	+38	+9	0	−0.94
31402	H	06 34 56.16	−32 18 24.0	7.90		G	98.734 014 13	−32.306 659 45	A	1.22	−1.56	3.97	0.71	0.80	0.93	0.81	0.95	−5	+10	+11	−4	+1	+10	−3	−19	−18	−4	2	0.56
31403		06 34 56.73	+16 45 49.8	7.22		G	98.736 377 78	+16.763 841 06		3.55	−8.76	−14.24	0.94	0.77	1.00	1.22	0.87	+23	+20	−38	−30	−27	+8	−17	−51	+20	+56	7	−2.54
31404		06 34 57.45	+15 19 49.7	7.06	3	H	98.739 388 31	+15.330 477 23		0.86	−0.31	−3.03	0.95	0.68	1.16	1.03	0.73	−16	+50	−45	−11	−2	−27	−16	−14	−3	+10	0	−0.66
31405		06 34 57.82	−31 17 29.3	7.77		H	98.740 913 94	−31.291 464 77		2.32	0.40	3.17	0.50	0.51	0.72	0.57	0.66	−1	+4	−3	+13	−1	+19	+0	−3	+3	+3	0	−0.74
31406		06 34 58.38	+00 30 14.7	8.10		H	98.743 249 44	+00.504 093 45		1.37	−1.10	−2.52	0.86	0.62	1.02	0.99	0.80	−7	+23	−21	−12	+3	−21	−3	−14	−1	−7	0	0.42
31407		06 34 58.59	−52 58 32.3	4.35		H	98.744 113 97	−52.975 634 54		1.85	−7.65	11.33	0.49	0.45	0.51	0.55	0.50	+1	+8	−5	−19	−9	+17	−5	+3	−5	−17	0	−2.90
31408	H	06 34 59.25	+08 16 07.9	11.16		H	98.746 880 84	+08.268 862 91	A	5.28	5.01	14.22	11.29	8.06	5.63	7.76	5.87	+33	+5	+2	−34	−27	+9	−24	−46	−18	+63	2	0.36
31409		06 34 59.69	−21 59 43.8	8.47		H	98.748 688 99	−21.995 492 11		1.71	2.13	−4.19	0.58	0.64	1.07	0.58	0.66	+15	+24	+12	+45	−29	+12	−27	+3	+0	+22	1	0.36
31410		06 35 00.22	−35 02 57.5	7.32		H	98.750 929 72	−35.049 293 45		4.50	−36.52	7.18	0.54	0.58	0.67	0.65	0.75	+2	+13	−10	+0	+8	+0	+6	−20	+11	−2	0	−1.06
31411		06 35 00.37	+11 07 27.9	8.03		G	98.751 526 04	+11.124 423 82		−1.97	1.04	0.07	0.91	0.65	1.01	0.93	0.74	−9	+30	−8	−4	+7	−5	+1	−25	−28	+7	2	1.85
31412		06 35 01.37	+24 55 15.3	7.80		H	98.755 718 94	+24.920 920 33		4.84	−2.28	−12.34	1.14	0.74	1.27	1.31	0.83	+6	+42	−28	+11	−21	+21	+1	−26	+24	+41	0	−0.98
31413		06 35 01.49	−33 12 58.4	9.08		H	98.756 211 67	−33.216 233 80		1.53	−3.81	7.29	0.70	0.70	0.98	0.75	0.87	+1	+9	−19	+12	−9	+17	−7	−15	+7	+1	0	0.40
31414		06 35 01.99	+31 26 04.8	7.03		H	98.758 303 74	+31.434 676 23		6.78	−5.91	−12.36	1.02	0.70	1.17	1.51	0.84	+37	−9	−26	−51	−52	+48	−42	−79	+29	+52	0	0.19
31415		06 35 02.97	−12 36 26.2	7.70		G	98.762 357 95	−12.607 285 29		12.77	109.42	−153.94	0.71	0.60	0.95	0.94	0.76	+6	+20	−17	−29	+14	−14	+12	−64	+28	−2	0	−1.55
31416		06 35 03.38	−22 57 53.4	4.54		G	98.764 083 02	−22.964 833 18		7.92	13.11	16.52	0.31	0.39	0.61	0.40	0.51	−4	+10	+11	+31	−28	−14	−25	+6	−5	+8	4	2.68
31417		06 35 03.71	+38 45 18.7	9.40		H	98.765 467 24	+38.755 207 09		6.77	−9.87	−7.97	1.31	0.91	1.49	1.70	1.06	+18	+20	−14	−30	−28	+18	−20	−60	+11	+32	0	−1.05
31418		06 35 03.93	−56 49 02.4	9.15		H	98.766 359 71	−56.817 345 44		4.95	−17.82	39.53	0.76	0.73	0.79	0.95	0.88	+6	+1	−1	+11	−5	+9	−5	+4	−13	−3	0	−1.38
31419		06 35 04.17	−33 00 10.8	8.94		H	98.767 367 17	−33.003 008 35		13.50	137.60	−47.72	0.70	0.69	0.99	0.74	0.84	+2	+23	−9	+9	−13	+19	−16	−17	−6	−2	0	1.59
31420		06 35 04.21	+01 49 00.7	7.63		H	98.767 526 10	+01.816 850 56		2.76	−8.75	4.04	0.82	0.56	0.97	0.90	0.73	+5	+28	−23	−2	+5	−23	−4	−15	−25	+29	0	−0.11
31421		06 35 04.29	+55 29 56.4	8.12		G	98.767 878 29	+55.498 989 65		4.17	−7.45	−38.91	0.83	0.67	1.12	0.97	0.79	+12	+12	−18	+23	+24	−12	+22	−5	+23	+3	0	−1.52
31422	H	06 35 04.33	+63 32 30.7	9.25		H	98.768 023 66	+63.541 852 06	A	−1.13	−3.46	0.05	1.56	1.38	1.92	1.82	1.34	+16	+26	−8	+17	+2	+13	+3	−3	+16	+11	1	0.53
31423		06 35 06.07	+70 40 42.2	9.69		H	98.775 296 98	+70.678 391 34		3.59	−3.42	−1.59	0.65	1.02	1.47	0.72	1.10	+6	+14	−4	+20	+7	+7	+11	−17	+2	+16	0	1.10
31424	H	06 35 06.15	+37 03 51.8	7.40		H	98.775 626 08	+37.064 395 19	A	1.22	0.64	−17.83	1.13	0.79	1.21	1.25	0.80	−2	+30	−4	−19	+4	−10	+8	−48	+14	−9	4	0.02
31425		06 35 06.33	−49 21 49.7	8.86		H	98.776 391 82	−49.363 798 20		9.94	−13.98	148.32	0.78	0.78	0.86	1.02	0.99	+1	+10	−19	+2	−14	+8	−13	−10	−6	+6	1	−0.59
31426		06 35 07.10	−21 24 35.2	8.66		H	98.779 588 09	−21.409 766 39		1.47	2.42	2.53	0.74	0.67	1.18	0.81	0.79	+9	+17	−1	+53	−24	+16	−14	−5	+5	+29	0	−0.30
31427		06 35 07.11	+12 40 08.4	7.06		H	98.779 628 33	+12.668 993 42		13.57	−13.42	−23.04	1.04	0.59	1.14	0.91	0.65	−7	+61	−25	−19	+5	−24	−3	−20	−4	+12	0	0.56
31428		06 35 07.30	−65 00 41.9	8.31		H	98.780 431 63	−65.011 647 06		3.53	0.92	36.92	0.66	0.68	0.69	0.74	0.87	−6	+3	+1	−6	−14	+0	−15	+3	+6	−14	0	0.59
31429		06 35 08.83	+83 45 49.1	9.16		H	98.786 789 87	+83.763 627 29		2.73	2.58	−24.17	0.72	0.81	0.93	0.79	1.02	+7	+12	+9	+22	+8	+2	+7	+18	−11	+21	0	1.02
31430		06 35 09.23	−61 10 23.9	7.42		H	98.788 448 19	−61.173 309 04		4.34	−8.59	28.73	0.56	0.53	0.57	0.67	0.60	−10	−7	+0	+8	−18	−14	−16	+18	+0	−24	0	−0.73
31431	H	06 35 09.48	+34 56 58.7	9.35		H	98.789 487 69	+34.949 644 79	A	6.69	21.81	13.22	1.84	1.22	1.89	2.22	1.44	+6	+26	+13	−5	−12	+8	−11	−46	+3	+3	1	−0.62
31432		06 35 10.19	+52 51 50.2	7.51		H	98.792 473 56	+52.863 936 32		2.69	−10.18	−8.09	0.88	0.78	1.00	1.05	0.76	−40	+14	+16	−12	+61	+25	+51	−50	−22	−46	0	−0.08
31433		06 35 11.14	+54 05 46.5	8.03		G	98.796 421 61	+54.096 250 80		6.11	−7.82	−40.48	0.84	0.63	1.02	0.91	0.69	+0	+35	−20	+26	+30	−13	+28	−7	+4	+12	2	−1.55
31434		06 35 12.06	+28 01 20.4	5.26		H	98.800 257 51	+28.022 343 99		7.30	−0.41	−12.46	0.84	0.54	0.86	1.00	0.69	+19	+30	−1	+12	−17	+0	−9	−5	+20	+20	0	2.92
31435		06 35 12.74	+18 03 55.5	8.08		H	98.803 098 32	+18.065 430 46		10.31	52.10	−139.77	1.35	0.97	1.50	1.53	1.18	+22	+46	−32	−21	−28	−1	−27	−41	−4	+51	3	0.99
31436		06 35 13.12	−25 50 24.8	7.86	1	G	98.804 671 73	−25.840 225 87		1.14	−2.84	4.10	0.51	0.56	0.90	0.62	0.68	+2	+4	+8	+10	−28	+3	−27	−9	+3	+4	0	0.78
31437		06 35 13.17	+29 02 27.5	10.30		G																							
31438		06 35 13.99	−62 30 09.7	8.84		H	98.808 279 77	−62.502 695 42		7.97	2.70	−10.42	0.98	0.85	0.94	1.09	1.08	−9	+15	−13	−7	−16	+9	−15	+19	−12	−20	3	0.39
31439		06 35 13.99	+47 56 55.9	7.87		G	98.808 280 24	+47.948 867 24		5.79	−4.05	−19.61	0.80	0.66	1.04	1.07	0.81	−14	+24	−11	+1	+1	+21	+9	−24	+12	+7	0	0.63
31440		06 35 14.35	−48 08 06.0	9.14		H	98.809 794 81	−48.134 991 10		−0.18	11.16	15.27	0.82	0.91	0.96	0.93	1.27	+3	+6	−14	−18	−6	+13	−7	−1	−5	+9	3	0.42
31442		06 35 15.31	−57 15 54.3	8.51		H	98.813 800 05	−57.265 086 38		3.14	−14.44	−3.78	0.66	0.66	0.70	0.82	0.77	+5	−3	+2	−2	−6	+0	−5	+4	−9	−8	0	0.65
31443		06 35 15.34	+03 58 08.0	7.98		H	98.813 921 89	+03.968 892 35		4.11	−7.75	1.42	0.93	0.65	1.04	0.90	0.72	−5	+20	−10	−29	+4	−5	+1	−29	−19	+5	3	1.33
31444		06 35 15.56	+28 26 33.7	8.37		H	98.814 852 45	+28.442 705 22		1.75	−4.55	−3.84	1.14	0.76	1.24	1.45	1.01	+2	+18	−12	+7	−8	+13	−6	−21	+15	+0	0	2.02
31445		06 35 15.64	−20 23 32.2	8.01		G	98.815 174 85	−20.392 282 15		1.64	−4.13	−1.30	0.54	0.58	0.94	0.71	0.82	−18	+6	−11	+21	+9	−7	+7	−30	+24	−25	0	0.71
31446		06 35 15.83	+00 53 24.8	5.78		H	98.815 956 06	+00.890 222 04		1.14	−3.36	−2.33	0.66	0.48	0.80	0.73	0.60	+4	+28	−27	−7	+0	−23	−11	−5	−8	+3	0	0.90
31447		06 35 17.16	−04 47 23.5	7.30		H	98.821 483 15	−04.789 869 83		2.53	−1.34	−4.67	0.84	0.51	1.04	0.83	0.66	−21	+51	−41	−19	−20	−10	−18	−32	+13	+15	0	−1.20
31448		06 35 17.60	+09 59 18.1	5.93		H	98.823 318 71	+09.988 354 03		2.06	0.34	−7.70	0.86	0.59	0.99	0.79	0.67	+2	+44	−4	−22	+5	−8	−8	−42	−32	+13	0	−0.06
31449		06 35 20.94	−37 26 56.7	7.99		H	98.837 232 48	−37.449 083 39		4.10	32.66	−37.86	0.57	0.61	0.74	0.61	0.70	−6	+17	−10	+10	−9	+19	−7	−4	+6	−3	0	−0.94
31450		06 35 21.10	−67 13 34.4	7.92		H	98.837 924 27	−67.226 215 79		3.41	−2.83	−15.51	0.56	0.61	0.62	0.43	0.70	−13	+28	+1	−61	+10	−20	+14	−12	+12	−17	1	0.71
31451		06 35 21.38	+44 38 57.0	10.17		H	98.839 080 80	+44.649 160 81		22.98	−68.99	−186.84	1.48	1.05	1.69	1.89	1.35	+16	+20	−16	−12	−15	+4	−10	−34	+19	+21	0	2.51
31452		06 35 21.84	+51 58 29.6	7.56		H	98.840 996 58	+51.974 890 56		9.61	−19.33	−71.77	0.80	0.57	0.94	0.88	0.60	−14	+30	−5	+9	+42	+8	+38	−16	+9	−23	0	1.23
*31453	H	06 35 22.06	−38 48 31.8	7.47		G	98.841 912 56	−38.808 834 71	A	5.44	3.39	7.24	1.26	1.45	1.31	1.22	1.63	+7	+19	−10	+24	−5	+22	−4	+32	−15	−20	2	1.17
*31454	H	06 35 22.03	+37 42 55.4	7.01		H	98.841 781 63	+37.715 388 29	A	4.49	−4.13	−36.70	1.37	0.98	1.48	1.45	0.96	+3	+18	+26	−13	+15	+12	+0	−55	−27	−25	1	1.30
31455		06 35 23.90	−00 09 02.3	9.07		H	98.849 602 94	−00.150 648 78		1.78	−3.19	1.06	1.72	0.87	1.44	1.63	1.26	+32	+39	+0	−71	−32	−27	−44	−62	−18	+26	0	−1.22
31456		06 35 24.10	−10 35 04.0	8.89		H	98.850 398 31	−10.584 446 87		0.33	9.80	−11.88	1.10	0.84	1.44	1.49	1.15	−13	+43	−25	−8	−9	−16	−12	−19	−4	+9	0	0.98
31457	H	06 35 24.22	−36 46 47.7	5.59	1	G	98.850 934 36	−36.779 930 05	A	5.62	−8.31	20.82	0.61	0.64	0.62	0.53	0.61	−12	−1	−6	−14	−1	+0	+6	−11	−9	−18	4	0.47
31458		06 35 24.70	+33 55 36.5	8.91		H	98.852 899 70	+33.926 791 68		12.14	17.62	2.90	1.05	0.61	1.23	1.25	0.80	−3	+43	−2	+3	+1	−6	+6	−39	+12	−4	0	−0.04
31459		06 35 24.98	−59 05 15.3	8.35		H	98.854 065 24	−59.087 583 86		2.60	9.28	−18.04	0.64	0.66	0.69	0.70	0.69	+5	+6	+1	−6	−21	−3	−21	−10	−3	−16	2	−0.28
31460		06 35 25.01	−13 17 44.3	9.08		H	98.854 221 11	−13.295 637 35		2.86	−5.92	6.39	1.05	0.88	1.34	1.33	1.13	−19	+37	−16	−39	+30	−14	+34	−63	+27	−15	0	−1.54
31461		06 35 25.75	−07 22 29.1	8.64		H	98.857 307 86	−07.374 752 24		7.96	−7.78	−18.60	1.07	0.75	1.15	1.25	0.98	−43	+16	−28	−42	+11	+10	+16	−52	+16	−18	0	0.13
31462		06 35 26.92	+80 34 23.6	7.16		H	98.862 183 59	+80.573 219 13		3.08	−0.92	1.22	0.47	0.56	0.65	0.50	0.67	+1	+12	+7	−2	+7	+2	+7	−12	−9	+3	1	−1.32
31463		06 35 27.11	−31 35 29.2	7.89		H	98.862 960 00	−31.591 434 02		3.67	−1.30	3.22	0.55	0.54	0.76	0.66	0.62	+1	+14	+9	+16	−6	+14	−7	+15	−3	+0	2	−1.08
31464		06 35 27.45	−48 28 33.5	9.03		H	98.864 384 33	−48.475 980 28		9.83	16.54	−142.89	0.80	0.79	0.87	0.93	1.08	+9	−7	−22	−24	−14	+15	−15	+6	−6	+16	0	−0.10
31465		06 35 27.52	+10 50 33.4	8.23		H	98.864 660 08	+10.842 618 09		1.20	3.09	−19.04	1.01	0.74	1.14	1.01	0.78	+4	+25	−24	−19	−5	+2	−10	−35	−16	+4	0	0.96
31466		06 35 28.79	+05 30 45.2	7.98	1	H	98.869 955 31	+05.512 564 60		0.07	3.86	4.84	0.97	0.72	1.08	0.91	0.74	+7	+25	−28	−25	−13	−3	−15	−36	+9	−2	4	−0.55
31467		06 35 28.80	+33 00 24.9	10.17		H	98.869 999 72	+33.006 926 09		3.10	−1.30	−3.94	1.51	0.97	1.98	2.02	1.43	+14	+23	−24	−19	−21	+12	−5	−65	+45	+24	3	0.72
31468		06 35 28.91	−53 42 39.2	9.07		H	98.870 444 86	−53.710 885 65		2.66	−1.76	38.78	0.83	0.70	0.81	0.96	0.88	−3	+14	−7	−25	−5	+13	−1	−5	−4	−17	0	0.77
31469		06 35 30.81	−22 06 32.4	6.32		H	98.878 385 92	−22.109 001 53		6.35	9.62	−21.39	0.38	0.42	0.68	0.39	0.49	+10	+4	−4	+38	−26	+8	−26	+6	+6	+25	1	0.64
31470		06 35 31.04	−09 22 16.4	8.78		H	98.879 334 64	−09.371 211 38		4.33	−7.97	1.49	1.20	0.89	1.23	1.55	1.29	−34	+20	−25	−57	+22	−14	+18	−53	+10	−41	0	−0.85
31471		06 35 31.61	−37 51 27.3	7.56		H	98.881 700 06	−37.857 595 75		5.19	0.84	−24.19	0.54	0.53	0.67	0.64	0.64	−4	+19	−19	+14	−13	+24	−7	−3	+1	+9	0	0.75
31472		06 35 33.33	−16 00 28.0	7.87		G	98.888 881 30	−16.007 770 91		10.99	−11.21	−10.14	0.76	0.59	0.94	0.91	0.73	−6	+35	−14	−27	+10	−13	+15	−40	+25	−10	0	−0.12
31473		06 35 33.65	+76 51 59.4	8.14		H	98.890 226 81	+76.866 503 59		23.47	−38.24	−61.26	0.55	0.61	0.79	0.60	0.65	+7	+27	−11	+19	+6	+4	+10	−5	+5	+24	0	−0.65
31474		06 35 33.82	−69 29 31.3	11.24		G	98.890 917 50	−69.492 016 95		10.75	182.36	173.91	1.68	1.60	1.62	1.74	1.65	−3	+1	−7	−52	+16	−2	+15	−38	−3	+3	2	−0.43
31475		06 35 33.86	−36 15 33.3	7.14		G	98.891 067 32	−36.259 253 98		5.49	28.99	−59.37	0.43	0.47	0.57	0.46	0.56	−1	+3	−10	−2	−4	+6	−3	−3	+2	−8	0	−0.92
31476		06 35 33.96	−03 58 57.3	7.96		G	98.891 487 90	−03.982 573 17		12.61	27.05	−145.48	0.74	0.54	0.95	0.85	0.73	−18	+27	−21	−15	−12	−19	−13	−27	+16	−5	0	0.44
31477		06 35 34.58	−50 17 46.1	7.02		H	98.894 064 47	−50.296 150 11		3.19	−1.86	18.27	0.51	0.52	0.56	0.59	0.59	+1	+7	−10	−2	−8	+1	−8	−9	+7	−17	0	1.23
31478		06 35 34.85	−45 04 19.4	8.43		H	98.895 218 13	−45.072 046 30		1.16	−8.77	38.67	0.68	0.72	0.79	0.74	0.86	+2	+2	+1	−14	−4	−4	−3	−5	−2	−13	0	1.00
31479		06 35 35.15	+57 59 10.5	7.99		H	98.896 455 22	+57.986 246 22		8.85	6.21	−36.62	0.91	0.60	1.10	0.98	0.73	+1	+50	−28	+28	+10	+0	+26	−19	+27	+21	0	2.26
31480		06 35 35.78	−02 14 33.7	7.51		H	98.899 084 21	−02.242 693 80		16.32	121.34	−130.07	0.77	0.51	0.92	0.82	0.68	−19	+26	−17	−42	−16	+2	−10	−57	+13	+23	0	1.61
31481		06 35 36.06	−62 38 24.3	12.39	2	H	98.900 246 14	−62.640 071 81		−2.46	4.32	−4.47	1.99	2.01	2.09	2.39	2.43	−5	+0	−6	+5	−3	+0	−2	+20	−14	−9	2	0.03
31482		06 35 36.35	−52 20 21.7	9.04		H	98.901 459 38	−52.339 373 41		4.40	−4.85	0.66	0.79	0.82	0.86	0.97	1.02	−11	+8	+10	−16	+1	−2	+0	−20	−15	−26	0	1.51
31483		06 35 36.65	+20 53 20.1	7.93		G	98.902 706 90	+20.888 915 34		7.61	−0.48	−50.31	1.17	0.67	1.26	1.30	0.85	−6	+52	−24	+25	+1	−7	+11	−6	+15	+18	0	1.53
31484		06 35 37.09	+45 37 23.2	8.08	2	H	98.904 524 14	+45.623 100 46	*	2.32	7.69	−11.48	1.74	1.10	1.32	2.40	1.53	+25	+42	+25	−69	−31	−34	−30	−73	−21	+35	0	0.60
31485		06 35 37.65	+32 34 36.5	7.75	2	H	98.906 879 33	+32.576 817 20		2.24	−4.31	−3.62	0.90	0.60	1.13	1.23	0.87	+23	+7	−22	−24	−29	+21	−23	−67	+43	+26	0	0.30
31486	H	06 35 37.72	−26 02 29.5	7.92		H	98.907 184 46	−26.041 521 19	A	10.53	1.04	−6.84	1.52	1.81	1.88	1.40	1.60	+15	+4	+3	+2	−39	−2	−31	−46	+4	+33	1	−0.22
31487		06 35 39.31	−47 26 00.5	7.41		H	98.913 796 15	−47.433 476 73		5.16	−34.35	−13.96	0.53	0.53	0.59	0.62	0.62	−6	+9	−11	+10	−4	+4	−4	+4	−5	−9	1	−1.10
31488		06 35 40.62	+09 51 07.1	8.05		H	98.919 260 70	+09.851 968 96		−1.29	1.10	−3.24	1.09	0.71	1.26	1.03	0.84	−7	+49	−13	−16	+6	−15	−11	−33	−28	−1	0	0.05
31489		06 35 41.59	−30 26 56.1	9.22		H	98.923 302 06	−30.448 921 05		4.24	−8.20	−2.42	0.69	0.86	1.03	0.79	1.14	−14	+0	−6	+28	−19	+0	−21	+19	+14	−19	0	1.38
31490		06 35 42.52	−08 59 58.6	7.69		H	98.927 170 98	−08.999 614 56		4.69	5.35	−7.62	0.84	0.62	0.92	1.10	0.89	−8	+14	−12	−33	−11	−2	−14	−37	+4	−15	0	−0.25
31491	H	06 35 44.63	−41 29 23.4	8.21		H	98.935 958 15	−41.489 835 12	A	1.48	3.76	−32.86	0.96	1.20	1.16	0.96	1.39	−5	+8	−42	−4	+0	−7	−2	−9	−7	+0	2	1.34
31492		06 35 44.81	−01 05 48.1	7.95		H	98.936 707 53	−01.096 686 82		1.15	−0.74	−2.99	0.84	0.53	0.98	0.92	0.74	+1	+29	−23	−29	−18	−13	−17	−45	+15	+23	0	−0.93
*31493		06 35 45.70	+45 35 21.7	10.10		H	98.940 407 14	+45.589 374 96		2.17	−0.07	−8.02	1.47	0.98	1.64	1.95	1.33	+5	+29	+14	−12	−6	−9	−5	−30	+4	−7	0	2.33
*31494		06 35 45.67	−47 16 55.4	9.08		H	98.940 301 72	−47.282 049 19		2.44	−7.30	39.79	0.84	0.79	0.89	1.01	0.94	−11	−13	−4	+33	−8	−10	−8	+12	−8	−14	0	1.06
31495		06 35 45.73	+13 59 09.4	9.55		H	98.940 555 11	+13.985 952 37		10.44	4.00	21.13	1.50	1.08	1.76	1.97	1.35	−6	+32	−34	−7	+12	−27	+3	−10	−19	+39	0	0.08
31496	H	06 35 46.36	−10 27 38.8	9.03		H	98.943 178 93	−10.460 785 17	*	3.64	−0.94	−0.62	9.33	7.27	1.59	1.90	1.45	−10	+25	−10	−4	−13	−19	−12	−11	+13	−1	0	0.04
31497	H	06 35 48.58	−13 44 49.6	9.05		H	98.952 402 07	−13.747 114 36	*	1.52	−1.97	1.10	2.57	1.37	1.46	1.64	1.32	+1	+24	−23	−54	+16	−13	+15	−75	+32	−5	0	0.85
31498		06 35 48.84	+54 35 22.2	8.38		H	98.953 501 83	+54.589 496 82		3.99	−2.58	2.29	0.87	0.63	1.05	0.93	0.73	−4	+35	−22	+28	+28	−13	+28	−5	+8	+1	0	−1.80
31499		06 35 49.65	+51 17 45.5	9.72		H	98.956 869 73	+51.295 962 39		1.69	4.62	−1.84	1.26	0.85	1.54	1.30	0.91	−34	+47	−25	+14	+30	−2	+29	−11	+13	−38	0	−0.01
31500		06 35 50.05	−16 06 04.3	7.37		H																							

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
31401	9.269	0.015	8.693	0.013		0.541	0.015	T	0.61	0.02	L	8.7479	0.0019	0.020	124		8.71	8.78		C			1							
31402	7.773	0.008	7.921	0.010	*	−0.119	0.001	G	−0.10	0.00	H *	7.8649	0.0010	0.012	133	*	7.85	7.89		D	06349−3218	I 1	2 C A	AB	194	0.883	0.005	1.87	0.02	S
31403			7.134	0.010		−0.130	0.015	G	−0.12	0.02	H	7.1966	0.0010	0.008	49		7.18	7.21		C			1							S
31404	8.265	0.070	7.177	0.046		0.940	0.064	T	0.93	0.05	L	7.2210	0.0279	0.310	48		6.79	7.54	7.92	P 1 A			1							S
31405	9.745	0.019	7.922	0.008		1.517	0.016	T	1.55	0.02	L	7.8933	0.0010	0.012	153		7.87	7.92		C			1							
31406	8.146	0.012	8.109	0.014		0.039	0.017	T	0.05	0.01	L	8.1222	0.0018	0.011	52		8.11	8.14		C			1							
31407	4.347	0.003	4.371	0.002		−0.021	0.016	G	0.06	0.02	A	4.3706	0.0004	0.004	113		4.36	4.38		C			1							S
31408						1.207	0.009	G	1.17	0.01	I *	11.2869	0.0094	0.052	49	*	11.17	11.37		D	06350+0816	H 1	2 C D	AB	55	0.352	0.047	0.89	0.47	D D
31409	8.544	0.007	8.477	0.009		0.060	0.010	T	0.07	0.01	L	8.4942	0.0014	0.019	223		8.47	8.53					1							
31410	8.589	0.010	7.422	0.007		1.001	0.010	T	0.98	0.01	L	7.4879	0.0012	0.011	115		7.46	7.50		C			1 G							S
31411	8.337	0.012	8.064	0.013		0.300	0.006	G	0.34	0.01	H	8.1104	0.0018	0.013	62		8.08	8.13		C	06350+1107	I 1	1							
31412	9.353	0.023	7.924	0.013		1.206	0.021	T	1.17	0.02	L	7.9628	0.0021	0.011	52		7.93	7.98		C			1							
31413	10.160	0.025	9.192	0.019		0.850	0.023	T	0.86	0.02	L	9.2366	0.0016	0.016	120		9.21	9.27		C			1							
31414	8.554	0.011	7.156	0.006		1.182	0.010	T	1.14	0.01	L	7.1905	0.0008	0.008	125		7.18	7.20					1							S
31415	8.269	0.008	7.763	0.006		0.510	0.015	G	0.58	0.02	H	7.8053	0.0012	0.015	169		7.78	7.83		C			1							S
31416	4.501	0.001	4.525	0.001		−0.035	0.004	G	−0.01	0.02	A	4.5330	0.0003	0.005	244		4.52	4.54					1 G							S
31417	9.783	0.026	9.401	0.026		0.362	0.034	T	0.42	0.04	L	9.4895	0.0020	0.018	89		9.45	9.52		C			1							
31418	9.824	0.019	9.205	0.017		0.573	0.019	T	0.65	0.02	L	9.2714	0.0018	0.017	105		9.24	9.30		C			1							
31419	9.793	0.023	9.029	0.019		0.681	0.023	T	0.74	0.02	L	9.0798	0.0020	0.019	121		9.05	9.11					1							
31420	7.649	0.008	7.650	0.012		0.004	0.013	T	0.02	0.01	L	7.6368	0.0015	0.008	58		7.62	7.66		C			1							
31421	8.388	0.011	8.163	0.013		0.216	0.015	G	0.24	0.02	H	8.1888	0.0019	0.015	88		8.17	8.21		C			1							S
31422	11.622	0.091	9.515	0.023	A	1.242	0.197	G	1.20	0.19	R *	9.4107	0.0026	0.024	113	*	9.36	9.45			06351+6333	H 1	2 C D	AB	104	2.801	0.108	4.16	0.55	D
31423	10.203	0.020	9.720	0.020		0.455	0.026	T	0.52	0.03	L	9.7928	0.0020	0.029	251		9.73	9.86					1 S							
31424	8.643	0.014	7.460	0.014	*	1.014	0.016	T	0.99	0.01	L *	7.5614	0.0009	0.009	95	*	7.55	7.58		D	06351+3704	I 1	2 C A	AB	75	2.677	0.014	2.82	0.04	S
31425	9.394	0.018	8.908	0.017		0.469	0.019	T	0.54	0.02	L	8.9680	0.0019	0.015	95		8.94	8.99		C			1							
31426	10.427	0.025	8.806	0.012		1.357	0.022	T	1.32	0.03	L	8.8134	0.0017	0.021	189		8.78	8.85					1							
31427	7.346	0.008	7.083	0.008		0.250	0.011	T	0.28	0.01	L	7.1261	0.0011	0.007	49		7.11	7.15		C			1							S
31428	9.682	0.019	8.425	0.012		1.071	0.018	T	1.04	0.01	L	8.4756	0.0011	0.012	109		8.45	8.51		C			1							
31429	9.590	0.016	9.168	0.016		0.399	0.021	T	0.46	0.02	L	9.2534	0.0017	0.018	127		9.22	9.29		C			1							
31430	7.665	0.007	7.445	0.007		0.204	0.010	T	0.22	0.01	L	7.4877	0.0014	0.011	95		7.47	7.50					1							S
31431	10.295	0.030	9.496	0.024	*	0.724	0.029	T	0.78	0.02	L *	9.4918	0.0019	0.016	107	*	9.46	9.53		D	06352+3457	I 1	2 C A	AB	116	1.000	0.014	2.00	0.04	
31432	7.621	0.007	7.513	0.009		0.105	0.011	T	0.12	0.01	L	7.5478	0.0015	0.012	94		7.53	7.57					1							S
31433	8.664	0.011	8.082	0.010		0.541	0.015	G	0.61	0.02	H	8.1521	0.0015	0.013	92		8.13	8.18		C			1							S
31434	5.254	0.004	5.265	0.005		−0.008	0.006	T	0.01	0.01	L	5.2681	0.0006	0.004	58		5.26	5.28		C			1							S
31435	8.965	0.023	8.163	0.019		0.726	0.023	T	0.78	0.02	L	8.2200	0.0024	0.013	43		8.20	8.24		C			1 G							S
31436	7.630	0.005	7.821	0.008		−0.165	0.002	G	−0.17	0.00	H	7.8073	0.0021	0.020	170		7.78	7.84		U			1							S
31437											T										06352+2902	I 1	S							G
31438	9.975	0.023	8.923	0.016		0.913	0.021	T	0.91	0.01	L	9.0005	0.0023	0.021	105		8.97	9.03					1							
31439	8.337	0.014	7.949	0.013		0.417	0.015	G	0.48	0.02	H	7.9740	0.0013	0.014	68		7.96	8.01					1							S
31440	11.122	0.061	9.350	0.024		1.476	0.052	T	1.49	0.08	L	9.2641	0.0024	0.020	99		9.23	9.30		C			1							
31442	9.653	0.019	8.596	0.013		0.917	0.017	T	0.92	0.01	L	8.6670	0.0015	0.012	103		8.65	8.70					1							
31443	8.110	0.012	7.994	0.013		0.105	0.016	T	0.12	0.02	L	8.0241	0.0014	0.014	57		8.00	8.06		C			1							
31444	8.682	0.018	8.426	0.020		0.244	0.025	T	0.27	0.03	L	8.4426	0.0015	0.012	62		8.42	8.46		C			1 S							
31445	7.969	0.008	7.999	0.011		−0.028	0.002	G	−0.01	0.00	H	8.0190	0.0010	0.011	127		8.00	8.04		D			1							S
31446	5.767	0.005	5.789	0.005		0.004	0.037	G	0.05	0.03	C	5.7994	0.0007	0.005	57		5.79	5.81		C			1							S
31447	8.788	0.012	7.422	0.007		1.157	0.011	T	1.12	0.01	L	7.4623	0.0011	0.013	124		7.44	7.48					1							S
31448	7.878	0.013	6.071	0.006		1.508	0.003	G	1.54	0.00	H	6.0515	0.0017	0.008	51		6.04	6.08					1							S
31449	9.608	0.017	8.118	0.009		1.254	0.015	T	1.21	0.02	L	8.1534	0.0014	0.013	129		8.13	8.18		C			1							
31450	9.755	0.021	8.073	0.010		1.405	0.018	T	1.38	0.02	L	8.0651	0.0012	0.011	107		8.05	8.08		C			1							
31451	11.680	0.120	10.135	0.047		1.300	0.107	T	1.26	0.11	L	10.3059	0.0044	0.040	79		10.25	10.38					1							G
31452	7.994	0.007	7.596	0.008		0.377	0.010	T	0.44	0.01	L	7.6468	0.0010	0.009	92		7.63	7.67					1							S
31453	7.609	0.012	7.553	0.015	*	0.048	0.002	G	0.06	0.00	H *	7.4992	0.0011	0.010	116	*	7.48	7.52		D	06354−3849	I 1	2 C A	AB	240	1.152	0.004	0.03	0.01	S
31454	7.954	0.010	7.061	0.009	*	0.795	0.010	T	0.83	0.01	L *	7.1589	0.0014	0.012	88	*	7.14	7.18		D	06354+3743	I 1	2 C A	AB	24	6.267	0.004	1.34	0.02	S
31455	9.065	0.021	9.073	0.027		−0.003	0.031	T	0.02	0.03	L	9.0792	0.0018	0.015	49		9.06	9.10		C			1							
31456	10.922	0.060	9.048	0.020		1.557	0.050	T	1.57	0.05	L	9.0144	0.0032	0.019	82		8.97	9.05		C			1							
31457	5.585	0.014	5.759	0.015	A	−0.130	0.008	G	−0.12	0.01	R *	5.5514	0.0009	0.009	134	*	5.54	5.56	2.21	P 1 A	06354−3647	I 1	2 C A	AB	258	1.454	0.003	1.07	0.01	S
31458	9.528	0.018	8.983	0.017		0.511	0.022	T	0.58	0.02	L	9.0235	0.0021	0.017	115		8.99	9.05					1							
31459	10.294	0.029	8.484	0.013		1.507	0.025	T	1.54	0.04	L	8.4748	0.0018	0.015	115		8.44	8.50		C			1							
31460	9.315	0.012	9.129	0.015		0.171	0.018	T	0.19	0.02	L	9.1424	0.0027	0.023	162		9.09	9.20					1							
31461	9.124	0.015	8.682	0.015		0.417	0.020	T	0.48	0.02	L	8.7289	0.0018	0.014	87		8.70	8.75		C			1							
31462	8.910	0.011	7.301	0.006		1.348	0.010	T	1.31	0.01	L	7.3083	0.0011	0.011	140		7.29	7.33		C			1							S
31463	7.724	0.006	7.875	0.009		−0.126	0.004	G	−0.12	0.01	H	7.8545	0.0012	0.013	142		7.83	7.89		C			1							S
31464	9.732	0.020	9.081	0.018		0.596	0.020	T	0.67	0.02	L	9.1567	0.0018	0.015	91		9.13	9.18		C			1							
31465	10.158	0.037	8.383	0.016		1.479	0.032	T	1.50	0.05	L	8.3658	0.0021	0.016	58		8.34	8.39		C			1							
31466	10.227	0.040	8.189	0.014		1.725	0.035	T	2.17	0.08	O	8.0515	0.0035	0.022	66		8.02	8.08		U			1							
31467	10.612	0.036	10.179	0.039		0.409	0.049	T	0.48	0.05	L	10.2599	0.0026	0.026	122		10.23	10.30		C			1							G
31468	10.365	0.033	9.199	0.020		1.000	0.030	T	0.98	0.02	L	9.2387	0.0019	0.013	94		9.22	9.26		C			1							
31469	7.632	0.005	6.428	0.003		1.030	0.005	T	1.00	0.00	L	6.4885	0.0005	0.008	227		6.48	6.50					1							S
31470	8.860	0.013	8.787	0.016		0.072	0.019	T	0.08	0.02	L	8.8148	0.0018	0.012	77		8.79	8.85					1							
31471	8.871	0.012	7.672	0.008		1.026	0.011	T	1.00	0.01	L	7.7279	0.0012	0.012	121		7.71	7.75					1							S
31472	8.218	0.008	7.908	0.010		0.315	0.015	G	0.36	0.02	H	7.9478	0.0013	0.014	124		7.92	7.97		C			1							S
31473	8.968	0.010	8.216	0.008		0.687	0.010	T	0.74	0.01	L	8.2772	0.0015	0.017	167		8.24	8.31					1							S
31474						0.920	0.020	G	0.96	0.02	I	11.4228	0.0058	0.040	94		11.35	11.50		C			1							G
31475	7.202	0.005	7.160	0.005		0.037	0.002	G	0.05	0.00	H	7.1670	0.0010	0.010	147		7.15	7.18					1							S
31476	8.581	0.010	8.016	0.009		0.536	0.015	G	0.61	0.02	H	8.0760	0.0012	0.015	140		8.05	8.10		C			1							S
31477	8.564	0.012	7.163	0.007		1.184	0.011	T	1.14	0.01	L	7.1882	0.0013	0.010	108		7.17	7.20					1							S
31478	9.894	0.022	8.544	0.013		1.119	0.067	G	1.13	0.02	A	8.5914	0.0018	0.016	115		8.56	8.62					1							
31479	8.284	0.011	8.023	0.011		0.236	0.015	G	0.26	0.02	H	8.0635	0.0018	0.012	82		8.04	8.09		C			1 G							S
31480	8.189	0.007	7.577	0.006		0.578	0.015	G	0.65	0.01	H	7.6400	0.0010	0.008	144		7.62	7.66		C			1							S
31481											T	12.3658	0.0155	0.155	102		12.15	12.60		U 2			1							D
31482	9.505	0.020	9.053	0.020		0.440	0.022	T	0.51	0.02	L	9.1360	0.0020	0.015	94		9.11	9.17					1							
31483	8.372	0.014	7.979	0.015		0.408	0.015	G	0.47	0.02	H	8.0183	0.0022	0.009	54		8.00	8.04		C			1							S
31484	9.968	0.024	8.360	0.012		1.371	0.022	T	3.50	0.06	O	7.8134	0.0189	0.190	76		7.68	8.24		U 2 C			1 V							
31485	7.686	0.014	7.761	0.014		−0.060	0.015	G	−0.04	0.01	H	7.7331	0.0101	0.132	127		7.66	8.10	1.06	P 1 A			1							S
31486	8.742	0.010	8.189	0.009	A	0.800	0.495	G	0.53	0.06	L *	8.0214	0.0016	0.017	173	*	7.99	8.05		D	06356−2603	I 1	2 C A	AB	59	1.327	0.006	0.31	0.01	S
31487	8.885	0.013	7.540	0.008		1.140	0.012	T	1.10	0.01	L	7.5803	0.0010	0.010	111		7.56	7.60					1							S
31488	8.383	0.013	8.079	0.014		0.304	0.004	G	0.35	0.01	H	8.1265	0.0020	0.012	50		8.11	8.15		C			1							
31489	9.451	0.015	9.270	0.018		0.166	0.022	T	0.18	0.02	L	9.2786	0.0026	0.028	149		9.24	9.33					1							
31490	8.987	0.014	7.808	0.009		1.011	0.013	T	0.99	0.01	L	7.8538	0.0013	0.012	92		7.84	7.87		C			1							
31491	10.277	0.027	8.463	0.012	A	1.600	0.495	G	1.46	0.06	L *	8.3455	0.0017	0.016	111	*	8.31	8.37			06357−4129	I 1	2 C D	AB	53	2.918	0.056	4.05	0.28	D
31492	7.903	0.008	7.943	0.010		−0.032	0.012	T	−0.01	0.01	L	7.9419	0.0013	0.011	103		7.93	7.96		C			1							S
31493	10.419	0.036	10.099	0.040		0.304	0.050	T	0.35	0.07	L	10.1789	0.0032	0.021	74		10.14	10.21		C			1							G
31494	10.369	0.032	9.173	0.019		1.024	0.029	T	1.00	0.02	L	9.2445	0.0019	0.016	100		9.21	9.27		C			1							
31495	10.068	0.033	9.547	0.033		0.489	0.042	T	0.56	0.04	L	9.6539	0.0026	0.018	54		9.62	9.69		C			1							G
31496	9.181	0.016	9.056	0.020	*	0.121	0.024	T	0.14	0.03	L *	9.0798	0.0025	0.022	85	*	9.04	9.12			06358−1028	H 1	2 C C	AB	231	0.200	0.076	1.44	1.00	
31497	9.305	0.013	9.078	0.014	*	0.217	0.018	T	0.24	0.02	L *	9.1215	0.0022	0.021	150	*	9.09	9.15			06358−1345	H 1	2 C A	AB	166	0.153	0.008	0.95	0.33	
31498	8.347	0.011	8.367	0.014		−0.030	0.015	G	−0.01	0.01	H	8.3803	0.0015	0.014	84		8.36	8.41		C			1							
31499	9.841	0.023	9.735	0.029		0.103	0.035	T	0.12	0.04	L	9.7608	0.0019	0.020	97		9.73	9.80					1							G
31500											T	7.5097	0.0273	0.268	123		7.38	8.63		D	06358−1606	I 2								G

Number HIP		Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag			Position: epoch J1991.25 α (ICRS) deg	δ deg		Par. π mas	Proper Motion μα* mas/yr	μδ mas/yr	Standard Errors α* mas	δ mas	π mas	μα* mas/yr	μδ mas/yr	Astrometric Correlations (%) δ α*	π α*	π δ	μα* α*	μα* δ	μα* π	μδ α*	μδ δ	μδ π	μδ μα*	Soln F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
31501		06 35 50.23	+49 52 57.2	8.24		G	98.959 290 26	+49.882 553 24		8.56	−12.94	−8.31	0.84	0.57	1.05	0.99	0.73	−10	+28	+1	+29	+20	−12	+22	+12	+31	−39	0	−0.10
31502		06 35 50.83	−16 06 09.9	7.39		G	98.961 787 57	−16.102 758 71		7.97	−2.81	−2.19	0.76	0.55	0.91	0.86	0.68	−2	+40	−12	−20	+9	−14	+15	−36	+28	−15	0	−1.00
31503		06 35 51.51	+17 12 00.3	7.48		H	98.964 633 59	+17.200 070 04		5.27	−4.10	−15.53	1.11	0.90	1.08	1.63	1.28	+46	+14	−32	−54	−52	+2	−47	−66	+20	+70	3	0.70
31504		06 35 51.81	−56 13 40.8	7.62		H	98.965 894 52	−56.227 990 68		4.59	−22.35	19.75	0.56	0.53	0.57	0.64	0.57	−3	+14	−3	+30	−6	+10	−7	+17	−4	−9	1	2.09
31505	H	06 35 52.27	−48 16 56.2	9.74		H	98.967 794 74	−48.282 276 88	B	4.08	8.13	−14.96	11.10	15.71	4.60	7.68	12.36	+14	+4	−30	−18	−10	−12	−17	−4	−2	+25	4	1.37
31506	H	06 35 52.70	−48 16 47.5	7.44		H	98.969 583 44	−48.279 858 94	A	1.86	0.92	−15.17	1.25	1.33	1.07	1.23	1.55	+9	+7	−28	−26	−8	−2	−14	−4	+0	+21	4	1.37
31507		06 35 53.61	−17 53 48.7	10.21		H	98.973 355 42	−17.896 872 73		9.64	72.94	−220.76	2.49	2.42	3.58	2.87	2.90	+32	−10	−21	−45	−31	+23	−30	−47	+25	+26	1	
31508		06 35 53.81	+17 41 33.2	7.26		G	98.974 218 45	+17.692 551 59		0.78	−18.76	−13.82	1.00	0.82	1.11	1.29	0.94	+16	+22	−42	−25	−25	+14	−14	−45	+20	+43	0	2.21
31509	H	06 35 54.07	−36 05 18.4	6.36		H	98.975 301 82	−36.088 454 67	*	24.83	−59.85	−73.04	0.42	0.48	0.56	0.45	0.58	−5	+5	−20	−5	+2	+9	+3	−19	+8	−12	0	1.86
31510		06 35 54.17	−11 22 27.4	7.08		H	98.975 703 17	−11.374 274 04		2.34	−2.26	−0.75	0.72	0.56	0.96	0.88	0.71	−11	+37	−30	−13	−13	−5	−1	−38	+36	−12	0	0.31
31511		06 35 54.71	+43 42 21.1	6.87		H	98.977 959 47	+43.705 872 67		2.99	−13.04	−18.18	0.70	0.49	0.81	0.88	0.58	+9	+29	−17	−6	−23	+13	−11	−38	+15	+33	0	−0.22
31512		06 35 54.76	−64 52 52.0	8.17		G	98.978 167 12	−64.881 110 57		11.06	4.91	40.58	0.60	0.64	0.64	0.68	0.79	−2	+5	+10	+4	−17	−2	−19	+2	−1	−10	0	−1.68
31513		06 35 55.14	+05 18 35.2	8.30		G	98.979 752 34	+05.309 776 05	A	−1.81	−1.47	−0.36	2.81	1.94	2.35	2.29	1.78	−10	+31	−37	−30	−4	−4	−6	−41	+7	−5	3	0.94
31514		06 35 56.69	+41 55 21.1	8.98		H	98.986 206 80	+41.922 537 85		6.02	−5.14	−18.08	1.03	0.80	1.29	1.35	0.84	−18	+30	−44	+2	−9	+31	+21	−53	+33	+27	2	0.42
31515		06 35 57.08	+05 18 26.6	9.16		H	98.987 841 81	+05.307 399 35	B	1.13	−1.97	2.04	7.05	4.62	4.10	4.21	3.30	−10	+28	−34	−17	−5	−3	−8	−29	+10	−7	3	0.94
31516		06 35 57.21	+05 19 00.1	9.39		H	98.988 371 16	+05.316 696 35		−0.10	0.77	0.22	1.57	1.11	1.75	1.48	1.18	−2	+33	−31	−28	−11	−9	−12	−36	+10	−2	0	−0.04
31517		06 35 57.79	−03 58 39.5	7.59		H	98.990 784 93	−03.977 636 00		4.39	−2.87	−2.86	0.69	0.50	0.90	0.81	0.69	−19	+30	−26	−14	−16	−15	−14	−28	+19	+6	0	1.10
31518	H	06 35 58.10	−16 48 15.6	9.01		H	98.992 073 32	−16.804 323 72	A	6.59	−11.37	−3.75	3.99	5.31	2.05	1.68	1.66	+14	−10	+6	−13	−16	−13	−19	−11	−13	+0	1	−0.31
31519		06 35 59.29	+32 17 27.0	7.33		H	98.997 057 66	+32.290 821 78		8.23	14.64	−44.60	0.87	0.57	0.99	1.19	0.81	+28	+0	−18	−22	−42	+20	−39	−63	+36	+28	0	−0.09
31520		06 35 59.38	+31 28 45.5	6.90	1	H	98.997 399 55	+31.479 298 14		4.66	−6.96	−24.06	1.02	0.65	1.02	1.43	0.91	+48	+18	+1	−45	−49	+10	−49	−75	+14	+38	0	2.03
31521	H	06 35 59.53	−35 10 18.5	7.61		G	98.998 057 04	−35.171 802 89	A	12.61	46.78	49.34	0.91	1.01	1.01	0.89	1.01	+2	+6	−20	−26	+6	+17	+12	+12	+8	+4	3	−0.05
31522		06 35 59.69	+48 24 47.5	8.88		H	98.998 692 41	+48.413 188 34		−0.15	−2.35	1.03	1.11	0.96	1.32	1.68	1.30	−25	+5	+5	−27	+22	+19	+22	−51	+7	−19	0	2.18
31523		06 36 00.11	+04 29 53.0	6.55		G	99.000 443 07	+04.498 047 66		2.29	−0.86	−6.58	0.79	0.54	0.89	0.74	0.58	−17	+33	−23	−27	+17	−9	+14	−31	−14	+14	2	−0.25
31524		06 36 01.33	+34 11 53.6	8.03		H	99.005 545 02	+34.198 210 42		3.55	6.14	22.76	0.90	0.51	1.04	1.12	0.70	+18	+31	+3	+8	−7	−14	−3	−33	+15	+13	0	0.51
31525		06 36 02.12	+16 47 49.5	6.73		H	99.008 828 78	+16.797 096 36		12.69	17.25	−30.50	0.87	0.68	0.88	1.21	0.83	+34	+4	−27	−31	−32	+0	−27	−48	+3	+57	0	1.36
31526		06 36 02.27	+56 23 10.3	6.56		H	99.009 446 31	+56.386 207 47		12.15	−40.24	−57.85	0.64	0.48	0.76	0.74	0.60	+19	+22	+1	+22	+7	−4	+8	+5	+24	+0	0	0.62
31527		06 36 02.28	+55 41 34.5	7.83		G	99.009 492 49	+55.692 929 98		13.65	−22.80	−101.17	0.84	0.60	1.06	0.93	0.71	+1	+29	−22	+31	+10	−4	+16	−4	+31	+2	0	−0.41
31528		06 36 02.99	+74 17 36.1	8.89		H	99.012 470 62	+74.293 356 73		19.91	−50.80	−161.17	0.64	0.73	1.02	0.71	0.88	+3	+10	−5	−3	+3	+13	+5	−4	+6	+8	1	1.57
31529		06 36 03.63	+81 19 44.8	9.19	1	H	99.015 117 71	+81.329 101 04		13.95	111.05	104.81	0.76	0.88	1.04	0.90	1.14	−4	+24	+8	+1	+4	+0	+4	−14	+2	−6	0	−1.27
31530		06 36 04.02	−14 19 42.0	9.72		H	99.016 760 85	−14.328 331 19		2.41	−3.78	3.02	1.36	1.04	1.52	1.72	1.39	−22	+22	−30	−60	+21	−1	+27	−73	+36	−19	0	1.62
31531		06 36 04.40	+13 41 38.6	7.22		G	99.018 319 92	+13.694 054 69		8.76	−18.76	−8.46	0.88	0.63	0.99	1.06	0.76	+3	+21	−27	−5	−5	−12	−6	−17	−11	+35	0	2.76
31532		06 36 05.06	−24 07 07.6	7.71		H	99.021 083 47	−24.118 780 17		2.71	1.09	5.08	0.64	0.82	1.22	0.84	1.02	−4	+9	−3	−10	−6	+3	−6	−25	+12	−12	0	
31533		06 36 05.42	−24 51 57.8	7.45		H	99.022 565 23	−24.866 057 50		9.69	−0.22	−26.89	0.42	0.57	0.85	0.48	0.68	−1	+11	+15	+16	−7	+0	−8	−25	+8	−8	1	2.14
31534		06 36 05.65	−32 13 19.0	9.12		H	99.023 561 05	−32.221 933 22		2.52	−4.47	4.83	0.69	0.76	1.00	0.86	0.90	−2	+10	+4	−1	−7	+10	−8	+1	−13	−12	0	1.15
31535		06 36 06.05	+26 42 53.1	8.74		H	99.025 227 90	+26.714 757 12		8.39	14.63	−79.96	1.29	0.83	1.35	1.67	1.06	+16	+31	−16	+22	−7	+8	+6	−3	+24	+40	0	1.08
31536		06 36 06.23	+19 24 11.6	9.48		H	99.025 954 41	+19.403 222 23		3.49	−0.88	−4.81	1.61	1.09	1.72	1.57	1.13	−29	+49	−19	+2	+7	+5	+11	−34	−5	+0	0	−1.46
31537		06 36 07.59	−01 16 38.9	9.65		H	99.031 623 28	−01.277 474 04		3.51	0.68	−1.71	1.16	0.76	1.30	1.24	1.05	−9	+22	−21	−30	−15	−11	−17	−42	+21	+2	2	0.00
31538		06 36 07.85	+66 20 42.2	11.27		G	99.032 705 90	+66.345 059 75		16.72	41.56	−178.52	1.55	1.81	2.57	1.68	2.20	−23	+22	−10	−30	+6	−7	+9	−24	+16	−38	0	1.92
31539		06 36 08.04	−72 47 06.9	9.32	2	H	99.033 516 13	−72.785 255 17		3.16	−7.98	16.91	0.88	0.92	0.96	0.94	1.01	−11	+19	+8	−2	+12	+13	+5	−23	−24	−25	3	2.50
31540		06 36 08.77	−27 37 18.0	7.63		G	99.036 556 87	−27.621 657 77		26.43	21.75	−262.86	0.52	0.61	0.87	0.59	0.69	+4	+0	−7	−6	−23	+6	−23	−16	+10	+0	1	0.18
31541		06 36 09.44	−28 50 07.9	7.04		H	99.039 347 79	−28.835 529 34		4.68	−5.94	1.52	0.43	0.50	0.68	0.52	0.55	−1	+3	+0	−5	−18	+13	−17	+4	+4	−8	2	0.70
31542		06 36 09.72	+10 17 05.6	7.78		G	99.040 511 73	+10.284 886 80		−0.15	−2.11	−0.46	1.23	0.79	1.41	1.15	1.00	+0	+50	+9	−31	+10	−4	−12	−54	−41	−5	0	−1.06
31543		06 36 10.06	−29 23 52.2	9.62		H	99.041 917 94	−29.397 835 00		4.52	14.97	−28.31	0.83	0.87	1.21	1.05	1.09	−2	+4	+2	+5	−9	+2	−9	−6	+5	−4	0	−0.79
31544		06 36 11.06	+29 01 55.1	10.40		H	99.046 101 74	+29.031 970 42		0.15	−10.72	−16.52	2.09	1.48	2.24	2.76	1.77	−22	+6	+4	−6	+27	+21	+37	−44	−17	+14	0	0.30
31545		06 36 12.04	+26 37 10.2	10.18		H	99.050 157 32	+26.619 508 19		−0.19	−1.02	−7.14	1.94	1.25	2.04	2.61	1.65	+20	+30	−24	+21	−9	+8	+6	−8	+24	+49	0	0.09
31546		06 36 12.12	+74 56 13.7	9.95	2	H	99.050 513 06	+74.937 141 25		12.55	−39.23	−108.09	0.89	1.06	1.42	0.87	1.17	+4	+14	−1	+5	+10	+13	+11	+3	−1	+6	1	0.92
31547	H	06 36 12.61	−36 08 17.7	7.23		H	99.052 532 30	−36.138 236 70	*	25.47	−52.58	−86.04	0.60	3.17	0.72	0.63	0.76	+1	+5	−5	+1	+3	+8	+5	−9	−7	−24	3	1.49
31548		06 36 13.05	+44 44 01.3	9.41		H	99.054 371 55	+44.733 683 76		2.17	7.17	−18.88	1.38	0.97	1.55	1.80	1.27	+22	+18	−14	−13	−22	+13	−17	−44	+23	+24	0	−1.83
31549		06 36 13.22	−36 38 51.8	8.15		H	99.055 062 91	−36.647 734 94		6.08	−13.48	18.87	0.54	0.60	0.70	0.60	0.73	−4	+11	−12	−6	+2	+0	+2	−12	+5	−11	0	0.99
*31550		06 36 14.79	+50 25 01.7	9.45		H	99.061 625 18	+50.417 133 97		1.31	−6.33	−1.38	1.09	0.81	1.41	1.16	0.91	+3	+33	−10	+36	+32	−6	+35	+33	+19	−15	0	0.65
*31551		06 36 14.77	+58 49 38.1	7.63		H	99.061 522 82	+58.827 239 66		1.37	−2.71	−0.39	0.85	0.64	0.95	1.12	0.74	+2	+27	−18	+26	+1	+5	+10	−7	+12	+25	2	1.00
31552		06 36 15.00	+58 06 26.1	6.61		H	99.062 489 72	+58.107 261 80		27.48	123.57	−197.19	0.71	0.48	0.79	0.78	0.54	+10	+36	−11	+29	+2	+0	+5	−14	+8	+14	2	−0.58
31553		06 36 15.91	−26 07 19.1	10.05		H	99.066 310 60	−26.121 969 20	B	−1.88	4.85	12.36	9.75	10.76	6.51	5.02	5.87	−1	−4	+1	+7	−16	−4	−16	+7	−3	+3	1	0.58
31554		06 36 16.62	−26 07 25.1	7.95		H	99.069 240 36	−26.123 646 93	A	5.09	4.34	9.47	1.17	1.40	1.57	1.30	1.45	−1	+0	+0	+8	−16	−1	−16	+6	−3	+3	1	0.58
31555		06 36 18.40	−40 00 24.2	10.60		G	99.076 661 56	−40.006 735 73		51.51	−226.06	42.59	1.12	1.66	1.52	1.39	1.98	+12	+10	−17	−12	−8	+3	−5	−14	−20	+17	6	1.28
31556		06 36 19.12	−42 40 13.5	8.50		H	99.079 648 78	−42.670 419 43		0.50	1.23	−1.16	0.63	0.75	0.78	0.74	1.14	−6	+5	−7	+11	+12	+8	+11	−20	−10	−19	0	1.39
31557		06 36 19.39	−26 32 05.2	7.46		H	99.080 782 67	−26.534 781 80		3.12	7.16	−22.17	0.53	0.62	0.94	0.67	0.75	−3	−1	+9	+8	−24	+2	−23	+4	+0	+5	1	−0.17
31558		06 36 20.43	−19 29 31.6	7.41		H	99.085 127 97	−19.492 117 09		6.48	−7.69	1.53	0.45	0.53	0.88	0.57	0.69	−12	+9	−29	+23	+23	−16	+17	−19	+9	−21	0	−1.38
31559		06 36 20.94	+29 43 41.1	8.73		H	99.087 264 43	+29.728 075 08		0.59	35.75	−23.89	1.23	0.77	1.30	1.46	0.93	−7	+33	+13	+11	+28	+12	+28	−39	−9	+3	0	−0.75
31560		06 36 21.64	−18 39 37.6	8.14		H	99.090 168 86	−18.660 457 76	B	8.13	−13.16	8.56	11.73	13.29	8.64	8.11	8.96	−6	+12	−13	+12	+13	+3	+11	−29	+8	−14	8	2.09
31561		06 36 22.11	+27 56 03.6	12.56		H	99.092 140 85	+27.934 332 91		5.12	13.39	21.39	8.60	6.77	9.92	13.00	9.81	+22	+28	+43	+14	−13	+25	−35	−27	−35	−5	0	2.27
31562	H	06 36 22.35	+30 06 19.8	8.34		H	99.093 133 57	+30.105 493 61	*	8.04	18.06	−15.33	1.09	0.70	1.18	1.41	0.88	+10	+28	+21	+1	+20	+18	+12	−49	−8	+2	0	−1.11
31563		06 36 22.57	−06 01 46.4	8.85		H	99.094 039 14	−06.029 547 50		3.91	1.20	−6.59	0.98	0.67	1.17	0.93	0.79	−14	+39	−17	−39	−6	−20	−11	−42	+3	−5	0	−0.54
31564		06 36 22.86	−18 39 35.8	5.71		G	99.095 240 32	−18.659 944 54	A	11.79	−11.82	16.82	0.90	0.99	1.21	1.01	1.08	−9	+14	−14	+7	+13	+1	+12	−30	+6	−14	8	2.09
31565		06 36 24.01	+59 39 52.3	6.84		H	99.100 031 57	+59.664 514 04		4.59	−2.95	−16.22	0.69	0.57	0.81	0.84	0.64	−16	+21	−10	+12	+30	+4	+27	−25	+1	−18	0	0.25
31566		06 36 25.07	+66 01 33.9	8.82		H	99.104 437 85	+66.026 074 52		3.40	−4.23	−0.55	0.61	0.76	1.10	0.76	0.90	−22	+21	−17	−13	−6	−1	−3	−17	+9	−29	0	−0.04
31567		06 36 25.89	+06 04 59.5	6.87		H	99.107 871 09	+06.083 187 83		−1.22	−1.83	0.91	0.85	0.55	0.96	0.65	0.53	−18	+57	−32	−27	−2	−14	−1	−37	+7	+3	0	1.23
31568	H	06 36 26.26	+27 16 43.0	6.89		H	99.109 409 34	+27.278 620 05	A	27.72	8.05	−93.60	2.20	1.37	1.97	2.51	1.61	+31	+21	−30	+22	−5	+9	−10	−10	+21	−25	2	0.74
31569		06 36 27.17	−57 32 21.8	7.16		G	99.113 210 72	−57.539 386 30		11.55	46.66	62.40	0.50	0.51	0.53	0.58	0.57	+8	+2	+2	+12	−1	−3	−1	+12	−9	−1	1	1.04
31570		06 36 27.44	−50 19 23.2	7.22		H	99.114 339 84	−50.323 109 19		6.36	32.98	143.88	0.52	0.54	0.58	0.63	0.62	+1	+8	−9	+5	−6	−1	−7	−5	+10	−12	1	2.56
31571		06 36 27.65	−09 49 42.9	8.26	2	H	99.115 199 20	−09.828 587 90		1.01	1.88	11.26	1.04	0.71	1.05	1.35	1.05	−38	+33	−25	−53	+20	−13	+15	−56	+3	−29	0	−0.96
31572		06 36 27.96	−31 53 12.9	6.87		H	99.116 518 37	−31.886 909 66		17.64	−26.08	23.43	0.44	0.50	0.65	0.50	0.57	+0	+15	+6	+0	−4	+13	−5	+13	−5	−4	0	−0.30
*31573		06 36 28.86	−44 39 04.2	8.93		H	99.120 259 85	−44.651 157 41		1.57	−8.15	9.95	0.68	0.73	0.80	0.69	0.89	−8	+1	−9	−18	+10	+1	+12	−14	−11	−17	0	−0.65
*31574		06 36 28.85	+15 45 00.7	7.36		G	99.120 193 62	+15.750 181 09		8.13	−12.14	−46.46	0.98	0.71	1.12	1.02	0.74	−13	+44	−31	−29	+8	−25	+0	−42	−10	+18	0	−0.86
31575		06 36 30.63	+72 00 35.3	7.79		G	99.127 634 61	+72.009 816 13		20.03	−45.16	−245.80	0.41	0.58	0.79	0.44	0.60	+5	+12	+1	+12	+7	+8	+6	−26	−15	+10	0	0.92
31576		06 36 31.47	+32 09 15.8	9.76		H	99.131 129 32	+32.154 394 92		6.82	3.50	−23.63	1.64	1.06	1.90	2.20	1.53	+32	+15	−17	−50	−38	+0	−32	−79	+36	+28	0	−0.67
31577	H	06 36 32.21	+07 42 37.4	9.46		G	99.134 210 12	+07.710 379 53	A	5.78	−1.19	−8.18	3.92	2.81	3.73	3.96	3.07	−17	+17	−9	−23	+20	−9	+23	−40	−24	+5	0	3.29
31578		06 36 32.54	+27 53 28.5	10.06		H	99.135 584 51	+27.891 239 11		8.47	21.05	6.65	1.74	1.16	1.89	2.06	1.43	−18	+35	−12	+8	+3	+8	+9	−23	+12	−7	0	1.26
31579		06 36 32.84	+38 26 44.0	5.40	2	H	99.136 823 73	+38.445 552 10		1.80	−1.76	−21.41	0.73	0.46	0.81	0.86	0.55	+19	+35	+6	−3	−4	−1	−3	−36	−3	+23	0	0.42
31580	H	06 36 33.37	−64 41 54.7	8.20		H	99.139 023 27	−64.698 537 36	*	3.75	−14.42	−0.81	1.32	1.52	0.84	0.96	1.02	−36	−6	−5	−1	−9	+15	−10	+11	+5	−32	1	1.29
31581		06 36 33.41	+13 59 53.6	9.42		H	99.139 218 50	+13.998 215 20		20.36	−51.06	−324.21	1.40	0.92	1.69	1.76	1.16	−15	+42	−35	+0	+16	−38	+5	−15	−13	+24	0	2.34
31582		06 36 34.90	−20 13 50.9	9.44		G	99.145 405 13	−20.230 803 76		5.50	−3.99	−5.57	0.72	0.85	1.31	0.91	1.13	−16	+15	−18	+4	+13	−9	+11	−39	+23	−24	1	−0.40
31583		06 36 35.33	−05 12 40.0	5.52		H	99.147 209 39	−05.211 108 31		3.91	2.99	−14.33	0.67	0.43	0.79	0.61	0.51	−11	+47	−25	−9	−27	−6	−24	−23	+15	−13	2	0.76
31584	H	06 36 35.69	+77 55 30.2	7.58		H	99.148 720 87	+77.925 043 22	A	5.72	3.72	−33.45	0.90	1.04	0.86	0.65	0.76	−2	+8	−10	+0	−8	−1	−9	−13	−17	+22	1	1.11
31585		06 36 36.08	+33 23 26.0	7.37		H	99.150 326 82	+33.390 562 04		3.10	−15.82	−4.25	0.85	0.57	1.08	1.21	0.81	+18	+17	−35	−3	−38	+25	−16	−58	+46	+41	0	−1.32
31586		06 36 36.13	+01 03 14.5	7.74		H	99.150 555 46	+01.054 036 99		1.92	−6.60	−5.99	0.76	0.55	0.90	0.75	0.65	+6	+30	−14	−24	−7	−25	−18	−33	−15	+7	0	1.57
31587		06 36 36.93	−07 17 45.0	8.60		H	99.153 861 65	−07.295 844 57		5.47	−6.38	−0.65	0.87	0.63	1.08	1.35	1.01	−21	+11	−23	−14	−19	−5	−11	−33	+24	+29	0	1.80
31588		06 36 37.06	−49 13 16.8	8.32		H	99.154 400 83	−49.221 320 76		3.47	0.17	−3.09	0.68	0.66	0.74	0.88	0.83	+10	+12	−18	−5	−12	+11	−10	−5	−1	+18	1	−2.07
31589		06 36 40.19	−58 24 32.2	8.50		H	99.167 464 20	−58.408 940 17		1.71	5.52	24.09	0.61	0.66	0.67	0.64	0.74	+3	+2	+4	+3	−7	−2	−9	−9	−11	−10	0	0.27
31590		06 36 40.74	−51 25 47.6	8.33		H	99.169 760 30	−51.429 890 90		4.02	4.85	18.14	0.57	0.67	0.67	0.69	0.78	+2	+11	+12	+6	−3	−1	−7	−21	−2	−17	0	−1.13
31591		06 36 40.83	−06 21 48.6	9.72		H	99.170 124 15	−06.363 490 28		2.39	−2.38	−2.34	1.05	0.70	1.28	1.04	0.88	−3	+36	−18	−40	−18	−26	−23	−41	+7	+15	0	−0.26
31592		06 36 41.00	−19 15 20.6	3.95		H	99.170 828 83	−19.255 709 28		50.41	62.32	−69.91	0.39	0.41	0.70	0.47	0.49	−18	+20	−30	+22	+13	−7	+6	−34	+31	−35	0	−0.45
*31593	H	06 36 41.07	−22 36 53.1	6.35	2	G	99.171 121 93	−22.614 750 69	A	4.34	−8.05	7.74	0.46	0.61	0.83	0.48	0.68	−9	+10	−1	+19	−26	+3	−28	+18	−6	+14	2	2.07
*31594		06 36 41.06	−36 11 29.3	8.50		H	99.171 087 30	−36.191 466 15		2.21	2.35	5.36	0.60	0.68	0.79	0.66	0.86	−1	+12	−12	−7	+0	+6	−1	−21	+7	−12	0	−1.41
31595		06 36 42.35	+23 05 53.0	7.01	1	H	99.176 474 63	+23.098 050 62		3.73	−0.14	−1.97	0.98	0.65	1.03	1.26	0.87	+13	+27	−28	+18	−5	+6	+3	−17	+7	+34	0	0.97
31596		06 36 44.64	+38 47 15.1	8.95		H	99.186 017 37	+38.787 532 79		2.75	−6.16	−10.57	1.17	0.81	1.44	1.60	1.08	+10	+20	−22	−14	−14	+12	−1	−47	+34	+29	4	−0.54
31597		06 36 46.44	+37 51 08.5	9.45		G	99.193 507 17	+37.852 364 98		13.69	−62.59	−229.00	1.33	0.92	1.56	1.55	1.04	−15	+36	+9	−14	+15	−1	+13	−45	−7	−14	0	0.55
*31598		06 36 46.60	+04 41 40.1	8.83		G	99.194 173 90	+04.694 477 73		0.13	−1.53	0.37	1.16	0.78	1.29	1.18	0.94	−13	+33	−17	−16	+5	−10	+3	−30	−10	+3	0	2.48
*31599		06 36 46.60	−13 19 15.5	5.95	1	H	99.194 168 35	−13.320 976 88		4.24	−2.16	−24.25	0.62	0.46	0.76	0.79	0.59	+10	+25	−12	−39	+5	−10	+8	−59	+29	+6	0	−0.23
31600		06 36 48.78	+71 19 43.2	8.59		H	99.203 257 50	+71.328 665 86		4.77	−4.98	7.79	0.50	0.71	0.97	0.59	0.72	+10	+12	−12	+21	+1	+1	+5	−16	+4	+21	0	1.40

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
31501	8.475	0.011	8.231	0.012		0.233	0.015	T	0.26	0.02	L	8.3025	0.0014	0.014	106		8.28	8.33		C			1							S
31502	7.344	0.006	7.388	0.007		−0.040	0.015	G	−0.02	0.01	H	7.3764	0.0018	0.016	124		7.35	7.40		D	06358−1606	I 2	1							S
31503	7.498	0.009	7.477	0.012		0.024	0.014	T	0.04	0.01	L	7.4937	0.0009	0.008	59		7.48	7.50		C			1 G							S
31504	8.910	0.012	7.731	0.008		1.011	0.011	T	0.99	0.01	L	7.7831	0.0012	0.010	115		7.77	7.80		C			1							S
31505	10.998	0.072	9.857	0.042	B						T *	9.7883	0.0376			B				D	06359−4817	I 2	1 C I A							
31506	8.678	0.012	7.510	0.008	A	1.134	0.120	G	0.95	0.02	L *	7.6090	0.0053	0.012	103	A	7.59	7.63		D	06359−4817	I 2	1 C P A							S
31507	11.086	0.054	10.325	0.043		0.694	0.054	T	0.75	0.04	L	10.3489	0.0028	0.029	123		10.30	10.40		C			1 X							G
31508	8.719	0.018	7.380	0.011		1.130	0.020	G	1.09	0.02	H	7.4317	0.0016	0.008	46		7.42	7.44		C			1							S
31509	6.935	0.005	6.420	0.004	*	0.486	0.006	G	0.56	0.01	H *	6.4667	0.0008	0.008	137	*	6.45	6.48		D	06359−3605	I 1	2 C S B	AB	338	0.166	0.021	1.42	0.48	S
31510	8.457	0.011	7.201	0.006		1.071	0.010	T	1.04	0.01	L	7.2492	0.0008	0.012	102		7.23	7.27		C			1							S
31511	8.117	0.011	6.982	0.007		0.976	0.010	T	0.96	0.01	L	7.0383	0.0011	0.009	88		7.02	7.05					1							S
31512	8.724	0.010	8.222	0.010		0.465	0.015	G	0.54	0.02	H	8.2709	0.0013	0.013	113		8.25	8.30					1							S
31513	8.509	0.023	8.350	0.028	A	0.220	0.015	G	0.24	0.02	H	8.3540	0.0088	0.013	69	A	8.32	8.38		D	06359+0519	I 3	1 C P D							D
31514	9.253	0.018	8.961	0.021		0.278	0.026	T	0.32	0.03	L	9.0590	0.0019	0.013	70		9.03	9.08		C			1							
31515	9.069	0.025	9.145	0.034	B	−0.065	0.038	T	−0.04	0.04	L	9.1228	0.0141			B				D	06359+0519	I 3	1 C I D							D
31516	9.321	0.030	9.350	0.043		−0.022	0.048	T	0.00	0.05	L	9.3935	0.0031	0.028	67		9.35	9.43			06359+0519	I 3	1 S							G
31517	7.788	0.006	7.621	0.007		0.160	0.009	T	0.18	0.01	L	7.6472	0.0010	0.009	141		7.62	7.66					1							S
31518	9.254	0.013	9.012	0.014	*	0.226	0.019	T	0.25	0.02	L *	9.0729	0.0021	0.023	134	*	9.02	9.11		D	06360−1648	H 1	2 C A	AB	214	0.362	0.021	2.28	0.22	
31519	7.493	0.006	7.350	0.005		0.138	0.007	T	0.15	0.01	L	7.3769	0.0010	0.009	136		7.36	7.39		C			1							S
31520	9.081	0.012	7.120	0.005		1.626	0.010	T	1.65	0.01	L	7.0101	0.0016	0.013	122		6.99	7.03		U 2			1							S
31521	8.172	0.009	7.699	0.008	*	0.471	0.015	G	0.54	0.02	H *	7.7124	0.0012	0.010	110	*	7.70	7.73		D	06360−3510	I 1	2 C A	AB	37	0.881	0.007	1.86	0.02	S
31522	10.599	0.041	9.048	0.020		1.302	0.036	T	1.26	0.04	L	9.0405	0.0029	0.017	65		9.01	9.08		C			1 S							
31523	6.482	0.005	6.551	0.007		−0.053	0.010	G	−0.03	0.01	H	6.5420	0.0010	0.006	58		6.53	6.55		C			1							S
31524	9.286	0.016	8.138	0.010		0.986	0.015	T	0.97	0.01	L	8.1974	0.0013	0.012	111		8.18	8.22					1							S
31525	7.250	0.009	6.779	0.008		0.444	0.011	T	0.51	0.03	C	6.8327	0.0011	0.006	53		6.82	6.85		D			1							S
31526	7.028	0.005	6.607	0.006		0.398	0.007	T	0.46	0.01	L	6.6501	0.0009	0.006	84		6.64	6.66		C			1							S
31527	8.372	0.010	7.868	0.010		0.472	0.016	G	0.54	0.02	H	7.9330	0.0015	0.014	94		7.91	7.95					1							S
31528	9.774	0.016	8.962	0.013		0.717	0.016	T	0.77	0.01	L	9.0255	0.0020	0.022	150		8.99	9.06					1							
31529	9.985	0.020	9.270	0.017		0.657	0.021	T	0.72	0.02	L	9.3298	0.0024	0.022	128		9.29	9.36		U			1							
31530	9.765	0.018	9.695	0.024		0.069	0.028	T	0.08	0.03	L	9.7478	0.0024	0.028	124		9.71	9.80					1							G
31531	7.526	0.012	7.256	0.009		0.259	0.003	G	0.29	0.00	H	7.2935	0.0018	0.009	50		7.28	7.31		C	06361+1341	I 1	1							S
31532	7.710	0.006	7.698	0.007		−0.010	0.005	G	0.01	0.01	H	7.7158	0.0013	0.015	180		7.69	7.74			06361−2407	I 1	1 X							S
31533	8.998	0.010	7.578	0.006		1.199	0.009	T	1.16	0.01	L	7.6149	0.0012	0.012	184		7.59	7.64					1							S
31534	10.331	0.027	9.215	0.017		0.962	0.025	T	0.95	0.02	L	9.2794	0.0020	0.020	134		9.25	9.31					1							
31535	9.309	0.023	8.821	0.023		0.459	0.030	T	0.53	0.03	L	8.8398	0.0022	0.016	55		8.81	8.86		C			1							
31536	11.419	0.126	9.587	0.040		1.524	0.105	T	1.56	0.16	L	9.5950	0.0039	0.020	49		9.56	9.63		C			1							G
31537	9.643	0.018	9.645	0.025		0.003	0.028	T	0.02	0.03	L	9.6543	0.0026	0.021	112		9.62	9.69		C			1							G
31538						1.060	0.003	G	1.12	0.00	I	11.4822	0.0057	0.046	144		11.39	11.56					1							G
31539	10.532	0.051	9.399	0.031		0.975	0.046	T	0.96	0.04	L	9.4800	0.0061	0.080	104		9.41	9.90		U 2 C	06361−7247	I 1	1 S							P
31540	8.527	0.008	7.704	0.007		0.714	0.002	G	0.76	0.00	H	7.7669	0.0009	0.014	155		7.74	7.79		D			1							S
31541	8.333	0.008	7.146	0.006		1.017	0.008	T	0.99	0.01	L	7.2073	0.0012	0.013	166		7.19	7.23					1							S
31542			8.042	0.012		0.396	0.001	G	0.46	0.00	H	7.8785	0.0023	0.015	47		7.85	7.91		C			1							S
31543	10.441	0.030	9.660	0.024		0.694	0.029	T	0.75	0.02	L	9.7524	0.0026	0.026	145		9.70	9.81					1							
31544	10.925	0.079	10.427	0.076		0.410	0.071	G	0.48	0.08	R	10.4964	0.0063	0.030	55		10.46	10.54					1							G
31545	10.677	0.075	10.426	0.092		0.493	0.107	G	0.57	0.11	R	10.2840	0.0052	0.024	52		10.23	10.32					1							G
31546	10.925	0.034	10.043	0.025		0.771	0.032	T	0.81	0.02	L	10.0894	0.0028	0.039	185		10.01	10.16		U			1 S							G
31547	7.987	0.007	7.304	0.007	*	0.620	0.008	T	0.69	0.01	L *	7.3595	0.0010	0.010	145	*	7.34	7.37			06362−3608	I 1	2 C B	AS	271	0.114	0.007	0.83	0.63	S
31548	9.893	0.029	9.466	0.029		0.403	0.038	T	0.47	0.04	L	9.5040	0.0029	0.023	73		9.47	9.54		C			1							
31549	8.478	0.009	8.203	0.009		0.259	0.013	T	0.29	0.02	L	8.2220	0.0016	0.012	137		8.20	8.24			06362−3639	I 1	1 S							S
31550	11.427	0.067	9.565	0.022		1.548	0.056	T	1.61	0.12	L	9.5610	0.0033	0.023	115		9.51	9.60		R			1							
31551	9.296	0.019	7.795	0.011		1.263	0.017	T	1.22	0.02	L	7.7935	0.0019	0.016	73		7.77	7.83					1 S							S
31552	7.164	0.006	6.662	0.007		0.496	0.007	G	0.57	0.01	H	6.7174	0.0009	0.007	87		6.70	6.73					1							S
31553	10.723	0.040	10.022	0.034	B	0.646	0.042	T	0.71	0.04	L	10.2287	0.0306			B				D	06363−2607	I 2	1 C I A							
31554	9.314	0.012	8.043	0.007	A	1.082	0.011	T	1.04	0.01	L	8.1145	0.0047	0.023	180	A	8.08	8.18		D	06363−2607	I 2	1 C P A							
31555	12.231	0.167	10.667	0.066		1.459	0.015	G	1.85	0.07	I	10.6712	0.0044	0.036	103		10.62	10.74					1 G							G
31556	10.560	0.038	8.668	0.014		1.572	0.032	T	1.59	0.03	L	8.6175	0.0015	0.016	102		8.59	8.65		C			1							
31557	9.096	0.011	7.591	0.006		1.266	0.010	T	1.22	0.01	L	7.6195	0.0011	0.014	170		7.60	7.65					1							S
31558	7.368	0.005	7.397	0.006		−0.022	0.007	T	0.00	0.01	L	7.4163	0.0011	0.011	146		7.40	7.43					1							S
31559	8.958	0.015	8.761	0.017		0.181	0.022	T	0.20	0.03	L	8.7870	0.0020	0.016	78		8.77	8.81		C			1							
31560	7.987	0.009	7.614	0.010	B	0.328	0.010	G	0.38	0.01	H	7.6132	0.0468			B				D	06364−1840	I 2	1 C I A							S
31561						0.396	0.100	G	0.46	0.11	R	12.6466	0.0348	0.191	50		12.32	12.98					1 S							D
31562	8.972	0.014	8.413	0.014	*	0.523	0.018	T	0.60	0.02	L *	8.4551	0.0015	0.013	95	*	8.43	8.48		D	06364+3006	I 1	2 C S A	AB	42	0.152	0.011	0.68	0.45	
31563	10.352	0.028	8.986	0.016		1.157	0.025	T	1.12	0.02	L	9.0194	0.0015	0.014	104		9.00	9.04					1							
31564	6.749	0.004	5.790	0.003	A	0.848	0.004	G	0.86	0.04	E	5.8699	0.0114	0.039	158	A	5.81	5.94		D	06364−1840	I 2	1 C P A							S
31565	6.953	0.006	6.852	0.005		0.098	0.007	T	0.11	0.01	L	6.8809	0.0011	0.009	80		6.87	6.90		C			1							S
31566	9.132	0.011	8.835	0.012		0.311	0.015	G	0.36	0.02	H	8.8973	0.0022	0.021	169		8.86	8.93					1							
31567	6.780	0.005	6.858	0.007		−0.066	0.008	T	−0.04	0.01	L	6.8524	0.0016	0.008	61		6.84	6.86					1							S
31568	7.697	0.007	6.993	0.008	*	0.646	0.004	G	0.71	0.00	H *	7.0200	0.0012	0.011	66	*	7.00	7.04		D	06364+2717	I 1	2 C A	AB	308	0.641	0.009	1.73	0.02	S
31569	7.632	0.007	7.212	0.008		0.417	0.015	G	0.48	0.02	H	7.2513	0.0007	0.006	99		7.24	7.26		C			1							S
31570	8.376	0.012	7.311	0.009		0.923	0.011	T	0.92	0.01	L	7.3782	0.0011	0.008	106		7.37	7.39					1							S
31571	8.658	0.013	8.314	0.014		0.359	0.015	G	0.42	0.02	H	8.3487	0.0049	0.025	71		8.31	8.39		U 2			1							
31572	7.288	0.005	6.913	0.005		0.366	0.006	T	0.43	0.01	L	6.9530	0.0009	0.008	145		6.94	6.97		C			1							S
31573	8.846	0.013	8.915	0.017		−0.046	0.006	G	−0.05	0.02	A	8.9110	0.0015	0.013	104		8.88	8.93					1							
31574			7.487	0.009		0.250	0.015	G	0.28	0.02	H	7.4447	0.0017	0.008	54		7.43	7.46					1							S
31575	8.629	0.007	7.861	0.006		0.700	0.007	T	0.76	0.01	L	7.9248	0.0011	0.016	222		7.89	7.95		C			1							S
31576	10.402	0.029	9.808	0.025		0.554	0.034	T	0.63	0.03	L	9.8823	0.0022	0.020	134		9.85	9.91		C			1							G
31577	9.479	0.030	9.479	0.040	A	0.039	0.001	G	0.05	0.00	H *	9.2753	0.0053	0.030	46	*	9.24	9.33		D	06365+0743	H 1	2 C C	AB	201	3.153	0.021	1.86	0.18	G
31578	10.904	0.090	10.241	0.083		0.615	0.103	T	0.68	0.09	L	10.1864	0.0030	0.030	65		10.14	10.23		C			1							G
31579	9.302	0.016	5.764	0.003		2.773	0.012	T	2.84	0.01	L	5.3488	0.0238	0.173	89		5.16	5.64	459.00	P 1 B	06365+3827	I 1	1 S							S P
31580	9.301	0.015	8.302	0.011	*	0.873	0.014	T	0.88	0.01	L *	8.3612	0.0013	0.013	112	*	8.34	8.38		D	06366−6442	H 1	2 C A	AB	141	0.292	0.014	1.82	0.15	
31581	10.469	0.051	9.448	0.035		0.879	0.048	T	0.89	0.04	L	9.5654	0.0039	0.016	48		9.53	9.60		C			1 S							G
31582	9.928	0.020	9.474	0.021		0.420	0.020	G	0.49	0.02	H	9.5336	0.0016	0.018	137		9.50	9.57		C			1							
31583	5.405	0.003	5.501	0.003		−0.082	0.004	T	−0.06	0.01	L	5.4943	0.0006	0.005	104		5.49	5.51		C			1							S
31584	7.679	0.005	7.598	0.007	*	0.080	0.008	T	0.09	0.01	L *	7.6114	0.0014	0.013	176	*	7.59	7.63		D	06366+7756	H 1	2 C A	AB	312	0.422	0.012	2.73	0.05	S
31585	8.706	0.010	7.474	0.006		1.052	0.009	T	1.02	0.01	L	7.5349	0.0010	0.010	125		7.52	7.55		C			1							S
31586	7.643	0.009	7.731	0.014		−0.075	0.015	T	−0.05	0.02	L	7.7251	0.0012	0.009	62		7.71	7.74					1							
31587	8.760	0.015	8.612	0.017		0.142	0.021	T	0.16	0.02	L	8.6536	0.0014	0.014	82		8.63	8.68		C			1							
31588	9.698	0.022	8.460	0.014		1.057	0.020	T	1.02	0.02	L	8.4928	0.0012	0.014	96		8.47	8.51					1							
31589	8.497	0.009	8.492	0.012		0.006	0.013	T	0.03	0.01	L	8.5061	0.0018	0.015	112		8.48	8.54					1							
31590	8.616	0.011	8.346	0.012		0.254	0.017	T	0.29	0.02	L	8.4010	0.0016	0.015	107		8.38	8.43					1							S
31591	9.857	0.021	9.704	0.027		0.150	0.020	G	0.17	0.02	H	9.7678	0.0031	0.021	96		9.74	9.81					1							G
31592	5.316	0.002	4.070	0.002		1.037	0.041	G	1.02	0.02	A	4.1200	0.0004	0.004	146		4.11	4.13		C			1							S
31593	6.179	0.003	6.313	0.004	*	−0.117	0.006	G	−0.10	0.01	H *	6.3070	0.0013	0.019	269	*	6.29	6.37		U 2 C	06367−2237	I 1	2 C A	AB	336	9.078	0.009	2.97	0.04	S
31594	10.435	0.030	8.610	0.012		1.518	0.026	T	1.55	0.04	L	8.6229	0.0012	0.015	148		8.60	8.65		C			1							
31595	6.864	0.008	6.995	0.010		−0.114	0.011	T	−0.10	0.01	L	6.9753	0.0028	0.013	49		6.94	6.99	4.41	P 1 A			1							S
31596	9.074	0.014	8.955	0.017		0.115	0.021	T	0.13	0.02	L	8.9964	0.0029	0.022	102		8.96	9.04					1							S
31597	10.317	0.038	9.480	0.028		0.750	0.015	G	0.79	0.01	H	9.5856	0.0024	0.020	93		9.55	9.63		C			1							
31598	9.346	0.024	8.930	0.024		0.442	0.007	G	0.51	0.01	H	8.9359	0.0025	0.014	60		8.91	8.96					1							
31599	8.007	0.007	6.131	0.003		1.562	0.003	G	1.54	0.00	J	6.0762	0.0008	0.010	190		6.06	6.09		M			1							S
31600	8.892	0.008	8.612	0.009		0.266	0.011	T	0.30	0.01	L	8.6564	0.0015	0.020	231		8.62	8.69					1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
31601		06 36 50.23	−81 40 44.3	8.60		H	99.209 304 66	−81.678 967 77		3.85	14.54	27.15	0.67	0.67	0.73	0.80	0.80	−15	+10	+15	−11	+9	+1	+8	−19	+15	−38	0	−0.23
31602		06 36 51.03	+36 54 50.9	8.74		H	99.212 618 28	+36.914 131 29		2.80	−9.82	−11.22	1.09	0.72	1.20	1.34	0.81	+17	+20	−11	−10	−32	+7	−22	−45	+10	+34	0	−0.88
31603		06 36 51.27	−41 33 25.8	6.36		H	99.213 643 01	−41.557 155 03		1.93	1.28	5.62	0.43	0.51	0.56	0.47	0.72	−9	+12	−23	+1	+4	+1	+3	−9	−8	−10	0	0.51
31604		06 36 51.93	−12 51 04.9	9.06		H	99.216 388 23	−12.851 361 55		2.30	−5.20	1.54	1.07	0.87	1.33	1.37	1.08	−12	+27	−12	−36	+23	−6	+24	−60	+21	−15	1	−0.44
31605		06 36 52.84	+35 44 14.8	9.73		H	99.220 178 07	+35.737 437 60		1.36	−0.57	−2.83	1.27	0.79	1.44	1.55	0.99	−29	+42	−23	+7	+9	−5	+19	−41	+22	−15	0	0.81
31606		06 36 53.85	+70 30 12.8	7.67		H	99.224 388 08	+70.503 554 47		8.35	7.87	−74.59	0.34	0.53	0.74	0.38	0.57	+16	+10	−6	+12	+2	+4	+4	−21	−10	+24	0	0.47
31607		06 36 54.34	−27 03 07.3	9.45		H	99.226 429 53	−27.052 017 94		3.50	16.26	−28.88	0.79	1.02	1.41	0.90	1.19	−16	−17	+11	−6	−15	+7	−17	+1	+10	−15	0	−0.01
31608		06 36 55.82	+30 55 08.1	8.04		H	99.232 575 10	+30.918 922 08		4.27	1.93	−9.62	1.02	0.60	1.13	1.27	0.83	+27	+32	+11	−9	−13	+5	−18	−52	+12	+5	0	−0.23
31609		06 36 57.06	−58 00 53.2	10.07	2	G	99.237 765 59	−58.014 768 53		12.60	50.85	−203.66	1.04	1.06	1.11	1.10	1.25	+10	−1	+1	+14	+4	−2	+3	+7	−17	+0	0	0.63
31610		06 36 57.36	+69 21 28.6	8.29		H	99.238 986 92	+69.357 949 06		2.89	−8.62	−2.08	0.47	0.62	0.88	0.57	0.76	+9	+6	+3	+40	+25	−5	+32	−8	−11	+27	2	−0.28
31611		06 36 58.72	−69 26 39.2	8.90		H	99.244 657 20	−69.444 223 92		2.56	1.55	5.33	0.89	0.83	0.85	0.91	0.85	−8	+12	−8	−52	+17	−5	+16	−38	+0	−2	0	−0.20
31612		06 36 59.23	−56 15 29.2	9.50		H	99.246 803 02	−56.258 100 97		4.67	−14.04	13.70	0.80	0.79	0.83	0.93	0.90	+2	+6	−7	+28	−6	+9	−6	+13	−7	+0	1	−0.89
31613		06 36 59.87	+69 33 27.4	10.80		H	99.249 450 62	+69.557 601 08		1.06	5.52	−0.10	0.86	1.18	1.75	0.98	1.34	+4	+12	−1	+47	+13	+3	+21	−14	−4	+20	0	1.95
31614		06 37 00.05	−03 35 35.6	8.37		H	99.250 198 81	−03.593 218 79		8.73	68.05	−61.19	0.81	0.56	1.06	1.01	0.82	−40	+37	−26	−13	−10	−24	−7	−30	+19	−15	2	0.70
31615		06 37 00.92	−16 21 24.2	7.80		H	99.253 842 25	−16.356 733 95		3.61	−6.72	5.03	0.72	0.60	0.90	0.85	0.77	−4	+22	−14	−38	+14	−23	+13	−52	+27	−25	0	−1.08
31616		06 37 01.82	+33 38 17.0	8.49		H	99.257 581 76	+33.638 060 85		1.62	3.03	−3.28	1.04	0.69	1.31	1.49	1.00	+20	+18	−31	−9	−31	+18	−14	−59	+44	+36	2	−0.61
31617	H	06 37 01.89	−38 08 47.8	6.03		G	99.257 874 32	−38.146 615 62	A	7.52	−1.52	45.24	0.57	0.57	0.62	0.64	0.67	+4	+24	−15	+36	+8	+15	+14	+8	+5	+21	1	0.50
31618		06 37 02.02	+19 09 36.8	7.58		H	99.258 421 33	+19.160 219 99		4.11	22.87	−37.48	1.13	0.70	1.21	1.11	0.74	−2	+54	−17	+14	+14	+3	+12	−24	−10	+28	0	−0.59
31619		06 37 02.38	+34 46 11.2	9.63		H	99.259 918 32	+34.769 783 59		6.68	−10.21	−49.64	1.26	0.71	1.52	1.50	0.93	+1	+45	−11	−2	−1	−18	+9	−38	+19	+10	0	2.21
31620		06 37 02.69	−41 14 59.7	7.32		H	99.261 193 52	−41.249 922 66		1.83	−3.57	9.97	0.50	0.58	0.64	0.59	0.81	−11	+9	−27	+5	+0	+6	+2	−13	+1	−6	1	0.09
31621	H	06 37 03.33	−28 42 22.1	7.49		G	99.263 880 17	−28.706 130 04	A	3.85	−6.51	−24.62	0.79	0.89	1.08	0.89	0.94	−10	+9	+0	+30	−10	+2	−11	−7	−4	−13	3	0.38
31622		06 37 03.50	+05 31 09.7	7.14		H	99.264 584 52	+05.519 371 65		9.70	−18.81	7.38	0.81	0.56	0.92	0.73	0.60	−7	+42	−26	−21	−11	−7	−10	−39	+7	+9	0	0.62
31623		06 37 03.74	−32 13 30.2	7.65		H	99.265 581 78	−32.225 061 76		28.45	352.06	−55.21	0.50	0.57	0.74	0.62	0.69	+6	+5	+0	−9	−9	+19	−8	+8	−15	−4	0	−0.73
31624		06 37 04.84	+03 03 50.3	10.22	3	H	99.270 187 36	+03.063 967 46		3.76	−4.78	−3.63	2.12	1.45	2.77	2.26	1.53	−29	+34	−52	−36	+23	−38	+4	−30	−16	+14	5	0.06
31625	H	06 37 05.11	−50 28 57.5	8.11	2	H	99.271 310 25	−50.482 651 64	A	2.00	−6.94	−2.09	1.26	1.34	1.27	1.43	1.43	+5	+1	+5	−14	+8	+8	+7	−8	+6	−3	0	1.46
*31626		06 37 05.29	+19 45 10.7	10.18		G	99.272 053 08	+19.752 965 20		29.05	9.50	−33.20	1.91	1.21	2.05	1.83	1.32	−10	+55	−14	+7	−9	+11	−3	−24	+1	+9	0	0.04
*31627		06 37 05.28	−74 47 46.2	8.96		H	99.272 010 47	−74.796 171 05		2.36	1.58	21.18	0.78	0.78	0.82	0.83	0.95	+1	+10	+1	−9	−10	+8	−13	−12	−8	−7	0	−1.03
31628		06 37 05.47	−02 53 12.1	8.90		H	99.272 787 79	−02.886 682 50		5.44	−2.19	0.95	1.03	0.73	1.33	1.18	1.03	−41	+11	+2	−42	+11	−2	+8	−50	−10	−24	0	−0.48
31629		06 37 05.75	−02 10 44.5	7.10		H	99.273 953 41	−02.179 029 68		3.34	−6.20	−2.36	0.72	0.46	0.87	0.70	0.58	−3	+36	−11	−46	−23	−3	−21	−51	+8	+30	1	1.05
31630		06 37 07.31	−52 20 49.7	7.72		G	99.280 473 94	−52.347 151 10		4.98	−7.64	−19.07	0.59	0.60	0.64	0.69	0.77	−12	+11	−6	−15	+5	+4	+4	−18	−6	−21	3	−0.20
31631		06 37 07.70	+24 23 55.6	9.00		H	99.282 068 20	+24.398 775 90		5.18	14.18	−20.78	1.44	0.93	1.57	1.78	1.08	−17	+44	−39	+30	+3	+7	+23	−11	+14	+37	0	−0.20
31632		06 37 09.28	+52 31 34.7	9.05		H	99.288 674 14	+52.526 303 04		0.44	−4.49	−3.00	1.23	0.99	1.42	1.55	1.02	−43	+13	+12	−17	+57	+30	+48	−47	−17	−53	0	−0.06
31633		06 37 09.60	−70 55 03.9	8.27		H	99.289 999 95	−70.917 745 32		1.63	−9.21	14.10	0.69	0.66	0.72	0.82	0.82	−6	+10	+11	−26	+0	+16	−1	−7	−23	−26	0	−0.73
31634	H	06 37 11.08	−50 02 17.9	9.61		G	99.296 169 53	−50.038 297 04	A	66.11	159.04	13.58	1.55	1.64	1.61	1.67	1.66	−6	+16	−2	+4	−1	+18	+2	−8	+6	−10	0	−0.14
31635		06 37 11.27	+17 33 50.4	9.63		G	99.296 944 68	+17.563 994 83		101.59	−775.53	331.80	2.87	2.12	2.35	3.06	2.39	−29	+40	−18	−64	+20	+6	+20	−77	+1	−23	0	1.55
31636		06 37 13.56	−40 46 14.1	7.62		H	99.306 520 24	−40.770 596 36		2.37	−5.58	−0.73	0.55	0.60	0.72	0.65	0.82	−4	+1	−21	+1	−2	+28	+7	−5	−7	+12	2	−1.22
31637	H	06 37 13.84	−36 59 26.5	5.72		H	99.307 674 33	−36.990 683 88	A	1.97	−9.85	13.59	0.71	0.86	0.76	0.65	0.78	+0	+7	−13	−11	−3	+8	−1	+2	−4	−5	4	3.58
31638		06 37 14.67	−61 32 49.2	8.94		H	99.311 138 18	−61.547 007 81		2.79	0.00	6.94	0.87	0.76	0.83	0.95	0.97	−7	+15	+0	−26	−9	−10	−6	+4	+2	−26	0	0.76
31639		06 37 14.68	−25 21 38.5	9.64		H	99.311 160 50	−25.360 707 76		17.59	−71.88	−142.69	0.76	0.96	1.34	0.86	1.21	−22	+7	+4	+8	−5	−3	−3	−19	+15	−16	0	−0.05
31640		06 37 15.34	+53 28 31.6	8.03		H	99.313 930 69	+53.475 446 49		2.80	10.29	−3.85	0.85	0.64	1.03	0.95	0.70	+4	+31	−13	+22	+33	−9	+32	+4	+12	+3	4	−0.84
31641		06 37 15.82	+03 59 53.4	8.90		H	99.315 913 78	+03.998 162 38		2.48	7.18	−6.84	1.46	0.83	1.59	1.19	0.90	−36	+58	−29	−47	+25	−37	+7	−40	−16	−3	0	0.55
31642		06 37 19.98	−43 27 04.7	6.87		H	99.333 237 52	−43.451 316 10		1.79	−6.72	7.98	0.42	0.51	0.52	0.45	0.61	−2	+4	−17	−8	+2	+5	+0	−22	+0	−16	0	1.27
31643		06 37 21.17	+31 42 38.8	8.26		H	99.338 203 16	+31.710 787 29		2.07	1.83	−9.66	1.42	0.88	1.43	1.82	1.24	+49	+12	−6	−55	−48	+9	−46	−81	+25	+45	0	−0.26
31644	H	06 37 21.73	−54 58 45.2	9.19	2	H	99.340 527 66	−54.979 215 29	*	1.51	−9.91	17.37	0.77	0.76	0.83	0.82	0.95	−6	+11	−12	+3	+0	+0	−2	+7	−17	−17	0	0.06
31645		06 37 24.02	−20 35 13.1	9.64		G	99.350 102 66	−20.586 960 33		1.36	2.53	5.84	0.79	0.83	1.29	1.04	1.13	−15	+12	−18	+22	+13	−11	+12	−39	+15	−17	0	−0.79
31646		06 37 24.04	+06 08 07.4	6.05	2	H	99.350 178 66	+06.135 380 51		−0.74	−1.84	0.68	0.71	0.49	0.80	0.62	0.52	−2	+40	−19	−16	−13	−12	−13	−35	+6	+7	0	2.47
31647		06 37 25.01	−44 58 33.8	8.08		H	99.354 223 89	−44.976 065 21		1.78	−6.53	9.08	0.62	0.64	0.70	0.67	0.75	−6	+5	−7	−28	+6	−4	+6	−19	+0	−18	0	1.25
31648		06 37 25.98	−43 39 41.2	9.94		H	99.358 257 24	−43.661 452 92		15.96	−132.87	165.19	0.87	1.17	1.10	1.03	1.42	−13	−3	+2	+3	+15	+5	+10	−34	−7	−28	0	−0.90
31649		06 37 26.87	−19 47 42.0	7.80		H	99.361 945 17	−19.795 006 54		3.84	−5.47	2.54	0.48	0.56	0.96	0.60	0.69	−12	+10	−29	+23	+7	−17	−1	−17	+28	−29	0	−0.82
31650	H	06 37 27.29	+24 35 27.0	6.44		G	99.363 712 66	+24.590 844 71	A	6.00	−3.94	2.55	1.37	0.98	1.19	1.41	0.87	−46	+35	−24	+8	+7	+8	+27	−30	+9	+13	2	0.45
31651		06 37 29.31	+22 08 55.8	7.68		H	99.372 107 51	+22.148 824 20		4.50	−1.16	−14.23	1.10	0.70	1.16	1.21	0.92	+1	+45	−4	+5	+9	+5	+10	−24	+8	−5	0	0.53
31652		06 37 29.55	−31 27 14.6	8.96		H	99.373 118 25	−31.454 048 57		10.15	18.25	−25.18	4.50	5.63	6.66	5.58	6.89	−4	+3	−5	−10	+0	+15	+1	−20	+0	−8	0	
31653	H	06 37 30.34	−45 35 39.5	8.29		H	99.376 397 69	−45.594 318 13	*	0.66	−6.49	7.56	0.61	0.65	0.71	0.75	0.78	+1	+2	−10	−12	−5	+6	−4	−14	−9	−10	3	−0.51
31654		06 37 30.47	−25 09 17.1	8.46		H	99.376 963 26	−25.154 747 08		2.61	−2.51	−3.23	0.53	0.72	1.04	0.64	0.83	−11	+7	+16	+33	−9	+4	−5	−5	+14	−4	1	0.86
31655		06 37 31.83	+09 08 40.1	7.61		H	99.382 629 60	+09.144 476 48		26.13	−58.38	−81.76	0.94	0.66	1.06	1.11	0.85	−11	+28	−25	+0	+13	−10	+13	−25	−13	+17	0	0.69
31656		06 37 32.03	−08 14 08.2	7.22		G	99.383 443 13	−08.235 608 41		4.62	−7.83	−3.56	0.75	0.49	0.76	0.84	0.65	−25	+27	−16	−42	+5	−6	+2	−35	+5	−5	0	0.74
31657		06 37 32.20	+40 39 00.2	9.60		H	99.384 184 92	+40.650 055 14		6.69	−3.80	−34.78	1.31	0.83	1.46	1.52	1.02	+1	+42	−8	−23	−7	−18	−7	−47	+4	+5	0	1.64
31658		06 37 33.48	+09 41 57.3	10.22		H	99.389 505 61	+09.699 241 41		2.35	1.95	−0.21	1.77	1.22	2.03	2.00	1.62	−20	+31	−8	−21	+18	−5	+7	−44	−23	−26	0	−0.23
31659		06 37 33.55	+29 54 34.6	9.16		H	99.389 793 77	+29.909 619 38		1.01	−1.01	−2.13	1.39	0.78	1.46	1.65	1.07	−9	+40	+4	+11	+27	+5	+33	−45	+10	−3	0	0.24
31660		06 37 33.94	+12 10 52.5	6.84		H	99.391 437 08	+12.181 248 20		36.55	−75.57	−284.68	0.79	0.52	0.89	0.80	0.59	−12	+42	−24	−8	+10	−15	+3	−24	−13	+5	0	−0.15
31661		06 37 36.20	−55 20 37.7	6.88		H	99.400 837 76	−55.343 799 82		6.59	0.98	25.75	0.51	0.49	0.52	0.54	0.53	+1	+6	−7	+24	−5	+9	−7	+6	−10	−9	0	−0.03
31662		06 37 36.92	+10 51 12.1	6.39		G	99.403 822 59	+10.853 372 92		3.69	−37.96	−32.68	0.91	0.55	0.94	0.94	0.69	+22	+44	−6	−30	−20	−17	−26	−36	−19	+39	3	0.02
31663		06 37 37.43	+21 42 36.8	8.08		H	99.405 944 25	+21.710 235 11		0.03	2.26	−12.41	1.23	0.81	1.33	1.58	1.12	−8	+41	−23	+6	+18	+9	+22	−32	+13	−4	0	0.89
31664		06 37 37.68	−57 26 15.1	8.71	2	H	99.407 014 15	−57.437 538 66		2.38	−7.01	−0.27	0.74	0.68	0.76	0.90	0.82	−1	+17	−12	+2	−3	+0	−4	+15	−15	−8	2	1.57
31665		06 37 38.40	+56 51 27.0	5.87		H	99.409 995 49	+56.857 507 18		10.12	−9.26	9.79	0.62	0.44	0.69	0.73	0.49	+3	+19	−6	+6	+10	+2	+10	−23	+8	−2	0	1.09
31666		06 37 38.55	−70 36 13.2	7.34		G	99.410 626 57	−70.603 656 25		13.44	−14.94	−37.14	0.61	0.55	0.60	0.74	0.67	−9	+7	+7	−35	+6	+15	+8	−9	−17	−24	0	0.06
31667		06 37 38.77	+22 42 59.2	7.37		H	99.411 532 21	+22.716 435 05		2.51	3.08	−15.23	1.15	0.75	1.21	1.24	0.95	+1	+47	−7	+10	−1	+14	+2	−17	+3	+7	0	0.80
*31668		06 37 39.98	+23 31 08.4	8.73		H	99.416 571 28	+23.518 991 45		0.53	−5.78	−5.57	1.46	1.03	1.83	2.33	1.59	−7	+43	−51	+12	−21	+26	+17	−39	+40	+58	0	0.03
*31669		06 37 39.96	+01 48 41.4	7.82		H	99.416 499 18	+01.811 504 37		2.67	0.73	−7.20	0.85	0.51	0.95	0.85	0.65	+2	+40	−8	−16	−4	−22	−6	−36	−12	+23	0	0.48
31670		06 37 40.01	−38 37 42.0	7.90		G	99.416 726 98	−38.628 330 04		2.18	−3.09	6.06	0.61	0.56	0.70	0.72	0.71	−7	+23	−12	+29	−2	+12	+0	+20	+2	+5	0	0.17
31671		06 37 40.09	+12 04 22.2	11.15		G	99.417 035 36	+12.072 827 25		11.39	−38.82	−353.45	2.13	1.42	2.44	2.20	1.62	−16	+36	−26	−12	+4	−19	−2	−27	−3	−6	0	2.06
31672		06 37 40.35	+02 42 15.4	6.17		H	99.418 122 28	+02.704 278 65		6.87	−39.41	−49.44	0.76	0.52	0.88	0.80	0.62	−11	+20	−25	−18	+20	−22	+18	−24	−22	+28	2	−0.55
31673		06 37 40.64	+55 21 33.3	7.38		H	99.419 335 04	+55.359 238 08		7.21	−14.30	4.23	0.70	0.51	0.81	0.80	0.62	+23	+21	−9	+24	+14	−8	+12	−3	+8	+14	0	−0.73
31674		06 37 40.79	−12 59 05.3	6.11		H	99.419 947 34	−12.984 812 39		11.75	9.26	−124.82	0.63	0.48	0.76	0.81	0.62	−1	+25	−17	−39	+11	−5	+14	−60	+27	−5	0	0.03
31675		06 37 41.21	+46 45 46.7	9.86		H	99.421 705 37	+46.762 977 34		1.24	3.54	−9.20	1.31	0.98	1.57	1.76	1.22	+14	+28	+10	−6	−16	−2	−10	−32	+8	+19	0	1.69
31676		06 37 41.64	+61 28 54.8	5.94		H	99.423 500 92	+61.481 900 31		18.82	−208.21	−274.56	0.62	0.53	0.82	0.83	0.57	+0	+11	−28	+1	+7	+28	+17	−22	+20	+19	0	−1.05
*31677		06 37 41.85	+02 06 03.0	8.00		H	99.424 393 41	+02.100 834 02		2.57	6.15	−11.26	0.91	0.57	1.01	0.99	0.75	−9	+34	−13	−18	+11	−14	+7	−38	−10	−3	0	−1.01
*31678		06 37 41.76	−77 32 19.0	7.99	2	H	99.424 008 94	−77.538 608 41		2.39	−10.38	21.68	0.60	0.54	0.61	0.64	0.65	−9	+1	+8	−2	−5	+4	−5	+13	−16	−15	0	0.40
31679		06 37 42.57	−44 29 44.5	7.71		H	99.427 383 59	−44.495 692 90		3.30	1.31	6.06	0.51	0.59	0.62	0.52	0.66	−6	−3	−6	−10	+9	+4	+8	−22	−5	−17	0	0.03
31680		06 37 42.59	+20 05 48.5	9.34		H	99.427 476 76	+20.096 796 59		2.60	3.38	−8.68	1.41	0.88	1.49	1.58	1.19	+8	+51	−9	+6	−3	+3	+2	−17	+10	+9	0	−0.05
31681		06 37 42.70	+16 23 57.9	1.93		G	99.427 926 41	+16.399 414 82		31.12	−2.04	−66.92	2.42	1.80	2.33	3.77	2.60	+30	+27	−7	−43	−42	+4	−35	−60	−7	+66	6	
31682		06 37 42.76	−19 18 33.9	8.92		H	99.428 156 62	−19.309 430 34		3.79	7.54	2.20	0.69	0.81	1.38	0.86	1.04	−16	+5	−13	+29	+23	−7	+18	−21	+13	−27	0	−1.39
31683		06 37 43.56	−17 00 47.0	7.60	2	H	99.431 504 51	−17.013 065 98		2.84	−1.02	−26.71	0.68	0.62	0.98	0.78	0.74	+31	−27	−35	−39	−27	+23	−32	−55	+38	+7	0	−0.56
31684		06 37 44.61	+45 08 47.2	8.74		H	99.435 879 65	+45.146 457 70		5.86	−10.53	−3.31	1.05	0.77	1.22	1.45	1.02	+7	+4	−7	−7	−20	+7	−17	−38	+22	+10	2	0.80
31685		06 37 45.67	−43 11 45.3	3.17	1	G	99.440 298 69	−43.195 923 94		7.71	−0.43	−3.99	0.42	0.52	0.52	0.46	0.61	−8	−3	−11	−3	+7	+10	+3	−30	−2	−27	0	−0.55
31686		06 37 45.83	+18 24 05.7	7.61		H	99.440 943 07	+18.401 576 83		0.68	−5.46	−4.44	1.17	0.91	1.59	1.37	0.91	−21	+51	−61	+5	−39	+45	+16	−61	+43	+51	0	−2.52
31687	H	06 37 46.05	+41 16 52.8	8.66		H	99.441 871 26	+41.281 344 39	A	7.20	−11.77	−44.81	1.99	1.40	1.63	2.15	1.29	+8	+21	−4	−16	−12	+1	−3	−44	+2	+31	1	−0.51
31688		06 37 47.54	−32 20 23.6	5.25		H	99.448 098 82	−32.339 890 66		8.24	108.96	64.13	0.38	0.43	0.56	0.47	0.51	+8	+13	−7	−3	−5	+19	−5	+14	−15	+2	0	0.03
31689	H	06 37 48.13	+40 45 44.2	9.73		H	99.450 554 50	+40.762 275 05	A	7.24	50.74	1.10	6.08	3.56	2.38	2.36	1.47	−11	+36	+2	−19	+5	−21	−7	−37	−22	−2	2	0.00
31690		06 37 50.20	−36 06 49.3	7.82		H	99.459 169 09	−36.113 685 86		10.59	−21.08	−68.20	0.49	0.61	0.68	0.53	0.76	−8	+12	−16	−2	+2	+11	+5	−12	+11	−14	0	1.80
31691		06 37 50.79	+00 31 37.6	7.13		H	99.461 637 73	+00.527 097 50		6.24	−5.40	−6.03	0.94	0.57	0.85	0.99	0.77	+43	+20	−15	−60	−52	−4	−54	−69	+0	+57	0	0.18
31692		06 37 50.84	−70 56 00.0	8.71		G	99.461 829 51	−70.933 338 45		25.77	−146.34	300.71	2.45	2.35	2.48	2.85	2.85	−11	+13	+9	−30	+9	+17	+9	−21	−15	−33	0	
31693	H	06 37 51.23	−08 46 54.1	7.41		H	99.463 451 50	−08.781 681 15	A	3.51	7.98	−20.77	1.42	1.02	1.36	1.31	1.16	−19	+23	+4	−34	−10	−1	−14	−32	−3	−24	1	−0.21
31694		06 37 51.49	+06 40 59.8	8.36		H	99.464 549 77	+06.683 271 36		1.69	−10.35	−8.76	0.93	0.66	1.02	0.98	0.81	−4	+23	−3	−11	−1	−8	−11	−43	−3	−25	0	−0.03
31695		06 37 52.43	+53 31 02.0	9.07	2	H	99.468 437 65	+53.517 219 48		−0.86	0.26	−3.82	1.07	0.82	1.26	1.19	0.88	+0	+33	−22	+19	+43	−10	+40	+2	+10	+3	0	0.09
31696	H	06 37 52.47	+23 36 16.0	6.65		H	99.468 606 60	+23.604 452 96	*	1.38	1.31	−1.05	1.00	0.74	1.25	1.73	1.06	+4	+31	−53	+16	−27	+32	+12	−35	+35	+72	0	1.06
31697		06 37 52.70	+04 57 24.0	6.14	1	H	99.469 600 90	+04.956 666 75		−0.68	−0.12	1.31	0.68	0.49	0.79	0.72	0.58	−1	+29	−22	−13	+0	−17	−2	−28	−13	+27	0	0.71
31698		06 37 53.05	+02 16 10.0	7.28		H	99.471 036 07	+02.269 443 64		7.06	−0.99	−9.95	0.87	0.53	0.96	0.91	0.66	−19	+35	−24	−28	+13	−20	+12	−44	+1	+0	0	0.25
31699		06 37 53.23	+11 41 04.9	8.70		H	99.471 779 06	+11.684 704 56		1.58	−5.33	−11.43	2.59	1.82	2.89	2.41	1.84	−17	+41	−37	−30	+3	−5	+3	−43	+6	−6	0	
31700	H	06 37 53.43	−18 14 14.8	4.42		G	99.472 608 02	−18.237 457 13	A	7.03	−6.86	−8.47	0.47	0.46	0.62	0.53	0.49	+3	−5	−6	+0	+9	−4	+8	−20	+1	+1	2	−0.48

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
31601	9.959	0.023	8.703	0.014		1.071	0.021	T	1.04	0.02	L	8.7631	0.0019	0.018	117		8.73	8.79					1							
31602	8.769	0.011	8.732	0.014		0.039	0.016	T	0.05	0.01	L	8.7600	0.0027	0.018	92		8.74	8.79					1							S
31603	7.808	0.007	6.473	0.005		1.147	0.003	G	1.06	0.04	E	6.5273	0.0006	0.007	113		6.52	6.54		C			1							S
31604	9.157	0.011	9.160	0.015		0.710	0.020	G	0.76	0.02	H	9.1953	0.0034	0.028	153		9.15	9.24					1							
31605	9.733	0.021	9.684	0.028		0.050	0.032	T	0.06	0.03	L	9.7542	0.0023	0.018	85		9.72	9.79		C			1							G
31606	7.954	0.005	7.695	0.005		0.247	0.007	T	0.28	0.01	L	7.7371	0.0009	0.013	274		7.72	7.76		C			1							S
31607	9.920	0.018	9.472	0.019		0.423	0.024	T	0.49	0.03	L	9.5432	0.0022	0.025	166		9.50	9.59					1							
31608	8.367	0.010	8.079	0.010		0.279	0.015	G	0.32	0.02	H	8.1121	0.0012	0.015	118		8.09	8.14					1							S
31609	11.099	0.060	10.200	0.042		0.875	0.006	G	0.92	0.01	H	10.2318	0.0047	0.037	101		10.17	10.29		U			1							G
31610	8.579	0.006	8.311	0.007		0.255	0.009	T	0.29	0.01	L	8.3637	0.0015	0.018	239		8.34	8.40					1							S
31611	10.323	0.030	9.033	0.018		1.097	0.027	T	1.06	0.03	L	9.0707	0.0019	0.017	99		9.03	9.10					1							
31612	10.042	0.023	9.579	0.024		0.450	0.026	T	0.52	0.03	L	9.6029	0.0024	0.020	105		9.57	9.64		C			1							
31613	11.178	0.036	10.796	0.041		0.362	0.051	T	0.42	0.06	L	10.8933	0.0029	0.037	266		10.83	10.96					1							G
31614	8.727	0.010	8.401	0.011		0.309	0.014	T	0.35	0.02	L	8.4512	0.0012	0.010	129		8.44	8.47					1							
31615	7.768	0.006	7.789	0.008		−0.020	0.000	G	0.00	0.00	H	7.8033	0.0014	0.014	119		7.78	7.83		C			1							S
31616	9.792	0.021	8.619	0.013		1.006	0.019	T	0.98	0.01	L	8.6521	0.0015	0.013	124		8.63	8.68		C			1 S							
31617	7.373	0.005	6.150	0.004	*	1.030	0.000	G	1.00	0.00	H *	6.1875	0.0005	0.006	110	*	6.18	6.20		D	06370−3809	I 1	2 C A	AE	214	0.705	0.005	2.39	0.02	S
31618	9.281	0.024	7.753	0.013		1.284	0.021	T	1.24	0.02	L	7.7411	0.0010	0.009	43		7.73	7.76		D			1							S
31619	10.232	0.030	9.700	0.029		0.499	0.038	T	0.57	0.04	L	9.7368	0.0021	0.019	106		9.70	9.77		C			1							G
31620	9.432	0.016	7.514	0.007		1.592	0.014	T	1.61	0.01	L	7.4314	0.0015	0.013	103		7.41	7.45					1							S
31621	8.760	0.009	7.634	0.006	A	0.973	0.020	G	0.93	0.01	L *	7.6863	0.0015	0.014	154	*	7.66	7.71			06371−2842	H 1	2 C D	AB	208	1.065	0.060	4.27	0.26	S D
31622	7.542	0.009	7.170	0.009		0.326	0.005	G	0.38	0.01	H	7.2141	0.0012	0.009	66		7.20	7.23		C	06371+0531	I 1	1							S
31623	8.538	0.009	7.731	0.007		0.703	0.005	G	0.75	0.01	H	7.7897	0.0010	0.011	135		7.77	7.81					1							S
31624						1.520	0.510	G	1.56	0.76	R	10.3387	0.0775	0.297	47		9.99	10.65	5.38	P 1 A			1 S							G
31625	10.138	0.026	8.331	0.011	*	1.535	0.023	T	2.37	0.05	O *	8.1493	0.0038	0.031	111	*	8.11	8.21		U 2	06371−5029	I 1	2 C A	AB	195	0.720	0.010	2.07	0.06	
31626	11.748	0.158	10.338	0.070		1.200	0.015	G	1.16	0.01	H	10.2791	0.0044	0.024	48		10.24	10.33		C			1							G
31627	10.299	0.027	9.068	0.016		1.051	0.024	T	1.02	0.02	L	9.1222	0.0017	0.020	102		9.09	9.16					1							
31628	10.318	0.024	9.007	0.014		1.114	0.022	T	1.08	0.02	L	9.0662	0.0020	0.018	144		9.03	9.10		C			1							
31629	7.042	0.004	7.099	0.006		−0.040	0.011	G	−0.02	0.01	H	7.0963	0.0005	0.008	148		7.08	7.11		D			1							S
31630	7.799	0.008	7.741	0.010		0.056	0.003	G	0.07	0.00	H	7.7496	0.0010	0.011	97		7.73	7.77		C			1							S
31631	9.492	0.029	9.053	0.029		0.414	0.038	T	0.48	0.04	L	9.0956	0.0025	0.017	48		9.08	9.12		C			1							
31632	10.214	0.029	9.162	0.019		0.913	0.026	T	0.91	0.02	L	9.2148	0.0022	0.016	86		9.18	9.23		C			1							
31633	8.180	0.010	8.237	0.013		−0.048	0.014	T	−0.03	0.01	L	8.2632	0.0016	0.014	84		8.24	8.28		C			1							S
31634	11.499	0.086	9.855	0.033	A	1.456	0.015	G	1.90	0.01	A *	9.6777	0.0025	0.020	95	*	9.65	9.71		D	06372−5002	I 1	2 C A	AB	205	2.175	0.025	2.66	0.12	
31635						1.480	0.019	G	1.95	0.11	I	9.6950	0.0050	0.021	35		9.67	9.73			06372+1734	I 1	1 S							G
31636	8.966	0.014	7.743	0.009		1.045	0.013	T	1.02	0.01	L	7.7878	0.0013	0.012	103		7.77	7.81		C			1							S
31637	5.576	0.003	5.705	0.003	*	−0.112	0.004	T	−0.10	0.01	L *	5.6824	0.0007	0.006	121	*	5.67	5.69		D	06372−3659	I 1	2 C A	AB	4	0.533	0.005	1.91	0.03	S
31638	11.229	0.072	9.126	0.020		1.779	0.062	T	2.00	0.14	O	9.0269	0.0029	0.022	93		8.99	9.06					1							
31639	10.447	0.028	9.718	0.023		0.700	0.015	G	0.75	0.01	H	9.7800	0.0026	0.028	175		9.72	9.83					1							G
31640	9.060	0.014	8.125	0.010		0.826	0.013	T	0.85	0.01	L	8.1870	0.0018	0.013	97		8.17	8.22					1							S
31641	10.421	0.042	9.013	0.022		1.190	0.037	T	1.15	0.03	L	9.0631	0.0035	0.016	52		9.04	9.09		C			1							
31642	6.679	0.004	6.844	0.005		−0.155	0.009	G	−0.13	0.02	A	6.8242	0.0009	0.008	117		6.81	6.84		C			1							S
31643	9.922	0.022	8.402	0.011		1.278	0.019	T	1.24	0.02	L	8.4231	0.0011	0.011	121		8.40	8.44					1							
31644	11.320	0.066	9.454	0.022	*	1.584	0.057	T	2.69	0.07	O *	9.1809	0.0122	0.088	108	*	9.01	9.35		U 2	06374−5459	H 1	2 C S D	AB	118	0.165	0.005	0.94	0.59	D
31645	9.660	0.019	9.624	0.026		0.008	0.002	G	0.03	0.00	H	9.6696	0.0025	0.025	110		9.63	9.71					1							G
31646	6.075	0.004	6.061	0.007		0.018	0.007	T	0.04	0.01	L	6.0652	0.0033	0.018	54		6.03	6.09		U 2			1							S P
31647	7.962	0.008	8.037	0.010		−0.092	0.011	G	−0.10	0.02	A	8.0439	0.0011	0.012	111		8.02	8.07		C			1							S
31648	10.818	0.052	10.017	0.042		0.790	0.002	G	0.83	0.00	H	10.0766	0.0031	0.025	101		10.04	10.11		C			1							G
31649	7.665	0.006	7.785	0.007		−0.102	0.002	G	−0.09	0.00	H	7.7715	0.0012	0.014	153		7.75	7.80					1							S
31650	6.588	0.006	6.490	0.008	*	0.101	0.005	G	0.11	0.01	H *	6.5143	0.0008	0.006	51	*	6.51	6.53		D	06375+2435	H 1	2 C A	AB	225	0.515	0.030	3.83	0.13	S
31651	7.764	0.013	7.688	0.013		0.075	0.017	T	0.09	0.02	L	7.7159	0.0020	0.011	58		7.70	7.73		C			1							S
31652	10.441	0.029	9.081	0.016		1.152	0.026	T	1.11	0.02	L	9.1311	0.0016	0.017	141		9.11	9.16		C			1 X							G
31653	8.183	0.008	8.276	0.011	*	−0.075	0.006	G	−0.07	0.02	A *	8.2633	0.0019	0.013	114	*	8.24	8.29			06375−4536	I 1	2 C S B	AS	172	0.119	0.012	0.29	0.75	S
31654	8.575	0.008	8.466	0.009		0.098	0.011	T	0.11	0.01	L	8.4977	0.0018	0.020	179		8.46	8.53					1							
31655	8.539	0.015	7.704	0.012		0.735	0.015	T	0.78	0.01	L	7.7467	0.0018	0.010	47		7.73	7.77			06375+0909	I 1	1							S
31656	7.213	0.007	7.208	0.008		−0.007	0.003	G	0.01	0.00	H	7.2245	0.0008	0.007	84		7.21	7.24		C			1							S
31657	10.118	0.030	9.637	0.031		0.453	0.039	T	0.52	0.04	L	9.7035	0.0030	0.021	98		9.67	9.74		C			1 G							
31658	10.283	0.044	10.313	0.072		−0.023	0.077	T	0.00	0.08	L	10.2228	0.0030	0.035	51		10.17	10.27		D			1							G
31659	9.228	0.016	9.134	0.020		0.085	0.023	T	0.10	0.03	L	9.1931	0.0020	0.016	92		9.16	9.22		C			1							
31660	7.722	0.008	6.900	0.007		0.725	0.008	T	0.78	0.01	L	6.9779	0.0011	0.007	72		6.97	6.99		C	06376+1210	I 1	1							S
31661	8.120	0.008	6.999	0.006		0.965	0.008	T	0.95	0.01	L	7.0471	0.0012	0.009	101		7.03	7.06			06376−5521	I 1	1							S
31662	8.147	0.015	6.539	0.007		1.351	0.002	G	1.36	0.04	G	6.5288	0.0008	0.005	53		6.52	6.54					1							S
31663	9.748	0.032	8.233	0.017		1.274	0.028	T	1.23	0.03	L	8.2420	0.0020	0.016	53		8.22	8.27					1							
31664	10.688	0.040	8.917	0.017		1.505	0.036	T	2.18	0.10	O	8.7764	0.0034	0.031	92		8.72	8.84		U 2 C			1							
31665	5.879	0.003	5.873	0.004		0.006	0.004	T	0.03	0.00	L	5.8799	0.0007	0.005	77		5.87	5.89		C			1							S
31666	7.962	0.009	7.415	0.009		0.518	0.007	G	0.59	0.01	H	7.4619	0.0012	0.009	93		7.44	7.48					1							S
31667	9.273	0.021	7.526	0.010		1.457	0.018	T	1.46	0.03	L	7.5083	0.0015	0.012	51		7.48	7.53		D			1							
31668	10.100	0.049	8.891	0.030		1.034	0.045	T	1.01	0.04	L	8.9029	0.0040	0.015	42		8.88	8.92					1							
31669	7.663	0.008	7.800	0.014		−0.119	0.014	T	−0.10	0.02	L	7.7798	0.0014	0.010	83		7.77	7.80		C			1							S
31670	7.767	0.007	7.874	0.010		−0.113	0.005	G	−0.10	0.01	H	7.8670	0.0013	0.011	111		7.85	7.89		C			1							S
31671						0.753	0.053	G	0.80	0.05	H	11.2592	0.0059	0.036	68		11.18	11.32		C			1							G
31672	7.571	0.009	6.294	0.006		1.080	0.000	G	1.05	0.04	E	6.3420	0.0010	0.007	58		6.33	6.35					1							S
31673	7.558	0.007	7.393	0.008		0.158	0.010	T	0.17	0.01	L	7.4327	0.0012	0.010	87		7.41	7.45		C			1							S
31674	7.369	0.005	6.220	0.003		0.994	0.002	G	0.92	0.04	E	6.2673	0.0006	0.007	158		6.25	6.29		C			1							S
31675	11.481	0.096	9.965	0.038		1.274	0.081	T	1.23	0.08	L	10.0265	0.0034	0.026	72		9.99	10.07		C			1							G
31676	7.070	0.006	6.037	0.004		0.899	0.005	T	0.90	0.00	L	6.0966	0.0006	0.006	81		6.09	6.11		C	06381+6129	I 1	1							S
31677	8.096	0.010	8.008	0.012		0.086	0.015	T	0.10	0.02	L	8.0331	0.0019	0.013	70		8.01	8.05		C			1							S
31678	9.919	0.022	8.259	0.011		1.414	0.020	T	3.31	0.05	O	7.7767	0.0166	0.136	114		7.65	7.98		U 2 C			1 S							
31679	7.687	0.007	7.686	0.008		−0.023	0.009	G	−0.03	0.02	A	7.6996	0.0009	0.009	105		7.68	7.72					1							S
31680	10.509	0.051	9.436	0.034		0.929	0.047	T	0.92	0.03	L	9.5007	0.0032	0.015	54		9.48	9.52		C			1							
31681			2.024	0.009		0.001	0.005	G	0.04	0.00	G	1.9290	0.0008	0.004	49		1.92	1.94			06377+1624	I 1	1 X							S D
31682	10.365	0.044	9.039	0.024		1.125	0.039	T	1.09	0.04	L	9.0887	0.0018	0.021	141		9.05	9.13		C			1							
31683	9.869	0.020	7.795	0.008		1.755	0.018	T	2.10	0.05	O	7.6730	0.0025	0.030	138		7.64	7.73		U 2			1							
31684	9.009	0.016	8.790	0.018		0.209	0.023	T	0.23	0.03	L	8.8004	0.0027	0.015	73		8.78	8.84					1							
31685	3.051	0.003	3.161	0.002		−0.103	0.015	G	−0.07	0.02	A	3.1395	0.0018	0.014	107		3.13	3.17		U 2			1							S
31686	7.490	0.009	7.598	0.013		−0.093	0.014	T	−0.07	0.02	L	7.5828	0.0017	0.011	43		7.56	7.60		C			1							S
31687	9.204	0.018	8.736	0.017	*	0.441	0.023	T	0.51	0.02	L *	8.7641	0.0019	0.015	80	*	8.74	8.80		D	06378+4117	M 1	2 C A	AB	45	0.498	0.012	2.10	0.05	
31688	6.783	0.004	5.387	0.003		1.177	0.002	G	1.16	0.04	E	5.4170	0.0005	0.006	134		5.41	5.43		C			1							S
31689	10.384	0.037	9.782	0.035	*	0.561	0.045	T	0.63	0.04	L *	9.8521	0.0033	0.021	95	*	9.81	9.88		C	06378+4046	H 1	2 C A	AB	298	0.328	0.041	2.11	0.29	G
31690	8.417	0.010	7.879	0.010		0.519	0.015	G	0.59	0.02	H	7.9348	0.0011	0.013	142		7.91	7.96					1							S
31691	7.206	0.005	7.137	0.006		0.069	0.007	T	0.08	0.01	L	7.1547	0.0009	0.010	106		7.14	7.17		C			1							S
31692	9.622	0.023	8.765	0.018		0.742	0.002	G	0.79	0.00	H	8.8426	0.0018	0.015	79		8.81	8.86		C			1 X							
31693	8.762	0.015	7.569	0.010	A	1.073	0.197	G	0.97	0.02	L *	7.5721	0.0016	0.014	87	*	7.55	7.60		D	06379−0847	I 1	2 C A	AB	137	1.380	0.012	2.02	0.05	S
31694	9.529	0.026	8.469	0.018		0.919	0.024	T	0.92	0.02	L	8.5206	0.0024	0.013	51		8.50	8.54		C			1							
31695	9.632	0.020	9.139	0.020		0.464	0.026	T	0.53	0.03	L	9.1681	0.0056	0.060	94		9.05	9.22		U 2			1							
31696	7.767	0.015	6.766	0.010	*	0.875	0.013	T	0.88	0.01	L *	6.8107	0.0010	0.007	45	*	6.80	6.82		D	06379+2336	I 1	2 C S B	AC	146	0.143	0.024	1.80	0.55	S
31697	6.284	0.005	6.191	0.005		0.091	0.007	T	0.23	0.02	A	6.2042	0.0028	0.014	66		6.18	6.22	2.74	P 1 A			1							S
31698	7.259	0.007	7.264	0.010		0.000	0.011	T	0.02	0.01	L	7.2860	0.0012	0.008	74		7.27	7.30		C			1							S
31699	9.904	0.027	8.833	0.018		0.927	0.025	T	0.92	0.02	L	8.8563	0.0020	0.014	63		8.84	8.88		C			1 X S							
31700	5.924	0.003	4.562	0.002	A	1.137	0.047	G	1.12	0.02	A *	4.5975	0.0007	0.006	159	*	4.59	4.61			06379−1814	H 1	2 C B	AB	3	1.044	0.015	3.93	0.06	S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
31701		06 37 53.56	−34 17 44.8	9.23	2	H	99.473 181 03	−34.295 768 98		1.91	−4.33	−0.26	0.64	0.78	0.88	0.72	0.97	−8	+14	−6	+13	+5	+11	+5	+18	−4	+3	0	0.07
31702		06 37 54.20	+31 46 59.4	9.54		H	99.475 835 07	+31.783 160 91		8.21	−0.77	−58.29	1.73	1.10	1.85	2.23	1.58	+49	+11	−19	−49	−52	+4	−44	−77	+40	+48	0	1.14
31703		06 37 55.24	+73 41 44.3	6.26		H	99.480 177 07	+73.695 629 22		28.12	−169.55	2.65	1.23	1.64	2.18	1.30	1.92	+9	+2	−8	−10	−3	+12	−1	−16	+13	+16	0	
31704	H	06 37 55.90	+07 43 45.2	8.64		H	99.482 897 15	+07.729 213 98	*	1.31	4.54	−0.96	1.19	0.79	1.39	1.21	0.99	−9	+34	−10	−23	+8	−21	+6	−43	−28	+23	2	−0.89
31705		06 37 56.24	−05 32 00.5	9.14		H	99.484 317 49	−05.533 484 65	A	2.29	−2.91	−2.72	1.68	1.08	1.72	1.56	1.34	−33	+49	−17	−32	+11	−15	−1	−40	−8	−43	1	0.11
31706		06 37 56.28	+15 46 18.6	8.35		H	99.484 486 80	+15.771 845 81		3.45	−4.00	−5.90	1.15	0.76	1.19	1.10	0.87	−22	+46	−12	−37	+14	−15	+10	−57	−9	−9	0	2.08
31707		06 37 56.37	−00 40 55.5	8.23		H	99.484 884 93	−00.682 084 20		1.77	−2.70	1.37	1.04	0.65	1.15	1.10	0.89	−31	+35	−19	−40	+13	−16	+10	−60	+3	−19	0	0.87
31708		06 37 57.45	+39 47 07.0	9.48		H	99.489 389 06	+39.785 278 10		4.85	−4.88	−29.50	1.26	0.86	1.45	1.63	1.01	+10	+24	−14	−20	−18	+7	−10	−49	+5	+34	0	2.16
31709		06 37 58.10	−09 16 07.5	8.13		G	99.492 079 80	−09.268 744 05		2.54	−5.08	1.01	0.95	0.66	1.00	1.31	1.06	−1	+22	−15	−49	−15	−17	−19	−52	+8	+3	0	0.32
31710		06 37 59.64	+48 30 34.0	8.31		H	99.498 480 31	+48.509 455 38		8.70	47.95	−78.54	0.99	0.77	1.15	1.45	1.10	−24	+19	−10	+0	+6	+12	+10	−22	+18	−23	0	0.52
31711	H	06 38 00.42	−61 32 00.8	6.15		H	99.501 768 47	−61.533 563 88	A	46.15	−50.08	72.69	0.78	0.68	0.64	0.73	0.66	−2	+18	+7	−16	−18	−27	−11	+17	+12	−24	10	2.59
31712		06 38 00.54	−59 46 24.3	8.78		H	99.502 261 58	−59.773 424 93		17.41	−35.07	−4.08	0.66	0.61	0.68	0.69	0.66	+1	−5	−13	+10	−15	+8	−16	+3	−2	−13	0	−0.20
31713		06 38 00.74	+18 33 27.1	11.21		H	99.503 094 49	+18.557 521 23		0.37	−20.33	3.90	3.81	2.72	4.36	4.20	2.86	+12	+39	−40	−19	−46	+31	−20	−61	+26	+53	0	−0.64
31714		06 38 01.77	+09 53 00.9	9.79		H	99.507 360 80	+09.883 595 68		0.30	−1.86	−1.64	1.76	1.22	2.01	1.84	1.55	−23	+28	−1	−25	+23	−1	+15	−52	−29	−21	0	−0.45
31715		06 38 02.40	+24 50 04.3	9.03		H	99.509 999 32	+24.834 526 75		4.44	0.99	−3.08	1.33	0.86	1.44	1.64	1.00	−9	+37	−24	+23	+5	+12	+21	−8	+16	+36	0	0.20
31716		06 38 04.86	+30 53 22.8	7.34		H	99.520 264 62	+30.889 665 91		4.40	−0.46	−1.71	0.91	0.50	0.97	1.19	0.75	+26	+28	+6	+15	−1	−3	+3	−31	+19	+22	0	−0.12
31717		06 38 06.10	+60 05 44.8	8.20		H	99.525 429 57	+60.095 766 94		2.06	−9.52	−2.53	0.86	0.73	1.07	1.04	0.96	+0	+27	+7	+19	+12	+12	+5	−11	−8	−17	0	1.05
31718		06 38 06.26	+62 26 42.9	8.89		H	99.526 065 49	+62.445 257 55		1.20	3.44	−12.82	0.78	0.69	1.04	1.10	0.74	+34	+9	−11	+20	+4	+9	+4	+9	+1	+18	0	−2.23
31719		06 38 06.37	+51 12 07.6	7.84	2	H	99.526 529 22	+51.202 120 15		4.49	11.66	0.83	0.96	0.70	1.16	1.00	0.70	−30	+36	−7	−3	+55	+10	+48	−28	+1	−36	0	0.49
31720		06 38 06.95	+59 26 57.9	7.46		H	99.528 945 92	+59.449 422 59		5.14	−26.23	21.48	0.93	0.76	1.07	1.36	0.91	−10	+5	+2	+3	+15	+20	+16	−33	−3	−1	0	0.25
31721		06 38 08.93	+87 17 48.1	8.30	1	H	99.537 190 80	+87.296 697 21		2.90	0.31	−20.81	0.63	0.65	0.75	0.69	0.78	+10	+6	−8	+3	−3	−2	−5	+20	+4	+14	0	0.21
31722	H	06 38 09.42	+59 26 31.5	10.78		H	99.539 247 49	+59.442 096 97	*	4.16	10.99	8.18	5.16	4.73	5.43	7.29	5.65	−21	+8	−12	+0	+26	−1	+27	−15	+11	−3	0	−0.12
31723		06 38 11.09	+72 51 03.5	8.73		H	99.546 195 14	+72.850 967 92		7.11	0.71	−28.63	0.52	0.71	0.95	0.55	0.79	+9	−2	−19	+31	−4	+15	+3	−19	+5	+18	1	1.66
31724		06 38 11.85	+07 08 53.6	7.43		H	99.549 376 37	+07.148 232 02		0.36	−0.59	−0.96	0.80	0.62	0.91	0.80	0.71	−10	+23	+21	−26	+20	+12	+10	−53	−30	−23	0	0.62
31725		06 38 12.91	−70 05 39.5	9.41	2	H	99.553 805 88	−70.094 318 07		0.36	−1.09	−3.19	0.90	0.85	0.90	1.02	1.05	+4	+9	+9	−43	+8	+2	+5	−23	−13	+12	0	1.46
31726		06 38 15.15	+55 54 52.7	8.98		G	99.563 116 66	+55.914 643 16		2.11	−0.35	−1.93	1.01	0.76	1.23	1.18	0.84	+4	+25	−21	+21	+20	−1	+18	−18	+11	+0	0	−1.27
31727		06 38 16.18	−22 46 03.0	8.26		H	99.567 431 21	−22.767 511 17		6.06	0.82	−19.53	0.41	0.62	0.91	0.47	0.70	−10	+12	−6	+31	−33	+3	−28	+11	+6	+9	1	−0.05
31728		06 38 16.99	+30 37 28.4	9.15		H	99.570 793 09	+30.624 559 80		5.58	10.15	−16.80	1.25	0.70	1.33	1.67	1.09	+16	+29	+7	+19	+17	−1	+16	−30	+22	−2	0	−0.96
31729		06 38 18.76	+64 44 06.0	7.61		G	99.578 163 90	+64.735 004 84	A	14.46	−23.38	2.90	1.02	1.04	1.40	1.04	0.96	−3	+15	−26	−4	−14	+3	−10	−10	+15	−22	1	1.44
31730		06 38 18.90	+24 27 01.9	6.75		H	99.578 760 90	+24.450 514 53		12.14	0.31	−39.06	1.01	0.63	1.11	1.38	0.80	+0	+29	−38	+31	+9	+1	+25	−4	+7	+53	0	0.98
31731		06 38 20.00	+57 11 30.3	6.73		H	99.583 317 55	+57.191 752 49		6.86	−19.30	−16.03	0.67	0.47	0.78	0.75	0.51	+9	+23	−22	+28	+26	−17	+21	−17	+10	+8	0	1.18
31732		06 38 20.37	+60 14 26.4	9.55		H	99.584 874 76	+60.240 658 22		20.09	92.76	−195.99	1.22	1.11	1.51	1.40	1.44	+17	+20	−12	+23	+32	−12	+32	+14	−1	+15	0	0.30
31733		06 38 20.46	−02 32 38.1	6.14		G	99.585 269 06	−02.543 912 46		4.42	−14.45	6.48	0.59	0.40	0.72	0.59	0.48	−14	+28	−17	−35	−13	+8	−10	−43	+8	+22	0	0.53
31734		06 38 21.22	+18 28 49.5	11.71		H	99.588 415 83	+18.480 410 90		25.32	−75.83	−14.87	10.79	8.21	11.14	11.87	8.67	+23	+14	−40	−40	−51	+31	−40	−61	+24	+41	0	
31735		06 38 22.20	+80 11 45.0	8.81		H	99.592 510 65	+80.195 838 28		3.73	−17.98	−13.72	0.67	0.76	0.92	0.77	0.95	+7	+18	−7	+21	+8	−8	+7	+3	−3	+8	1	−2.22
31736		06 38 22.91	−23 34 49.1	6.48		H	99.595 457 89	−23.580 301 65		4.89	−1.90	−8.14	0.37	0.47	0.69	0.48	0.54	+3	+8	+4	+27	−18	+6	−15	−6	+8	+5	0	1.74
31737	H	06 38 23.02	+28 59 03.8	5.76		G	99.595 913 42	+28.984 391 29	*	7.74	−18.70	−15.52	2.27	1.17	1.08	1.32	0.79	−19	−4	−8	−53	+23	+35	+32	−73	+17	−19	2	−0.55
31738		06 38 23.03	−52 55 55.7	6.74	1	H	99.595 944 23	−52.932 127 68		3.10	−5.60	26.95	0.56	0.52	0.56	0.59	0.61	−13	+8	−9	−27	+7	+15	+9	−25	+4	−27	0	0.33
31739		06 38 23.11	+04 37 26.9	8.14	2	H	99.596 307 96	+04.624 152 53		0.07	−2.14	0.10	0.92	0.64	1.06	0.91	0.76	+3	+39	−12	−21	−2	−20	−10	−34	−16	+15	0	1.64
31740		06 38 24.57	+48 47 57.2	10.11		H	99.602 359 87	+48.799 235 21		11.92	133.92	−259.63	1.42	1.10	1.66	2.11	1.60	−14	+16	+1	−20	+16	+3	+16	−42	+9	−16	3	1.19
31741		06 38 24.67	−28 47 26.8	8.58		H	99.602 775 70	−28.790 784 84		6.44	−9.22	15.55	0.59	0.75	0.98	0.69	0.87	−8	+13	−2	+3	−11	+1	−12	+16	−13	−6	0	−0.17
31742		06 38 25.55	−66 05 08.5	7.15		H	99.606 464 15	−66.085 703 06		4.04	−6.14	40.30	0.54	0.54	0.58	0.54	0.63	−5	+19	+0	−17	−6	−2	−2	+14	+8	−18	1	−1.87
31743		06 38 26.21	+44 18 47.2	8.35		G	99.609 222 68	+44.313 108 77		4.75	−8.61	−5.05	0.91	0.65	1.13	1.19	0.89	+2	+30	−28	−5	−18	+12	−3	−38	+30	+22	0	−0.14
31744		06 38 26.32	+08 29 32.2	8.66		H	99.609 677 55	+08.492 287 33		3.10	−5.55	−6.31	1.20	0.79	1.40	1.24	0.93	−19	+44	−39	−22	+3	−18	+5	−41	+0	+26	0	0.48
*31745		06 38 26.55	−58 20 17.6	8.22		H	99.610 641 01	−58.338 213 42		10.15	4.28	52.37	0.60	0.65	0.68	0.63	0.66	+0	+1	+17	+6	−9	+0	−14	−23	−18	−20	4	−0.49
*31746		06 38 26.51	−53 39 08.0	8.23		H	99.610 444 53	−53.652 209 16		6.98	−5.19	27.71	0.68	0.59	0.65	0.76	0.71	−12	+12	−14	−32	+5	−1	+8	−20	+4	−31	0	−0.67
31747		06 38 26.82	+39 44 34.1	10.44		G	99.611 766 89	+39.742 817 32		19.37	29.55	−209.03	1.73	1.16	1.92	2.20	1.35	+15	+17	−12	−13	−19	+6	−12	−45	+6	+34	0	1.19
31748		06 38 27.95	+52 00 22.2	8.53		H	99.616 474 49	+52.006 172 44		1.95	−2.37	−5.00	1.16	1.05	1.39	1.46	1.04	−54	−7	+36	−29	+67	+35	+56	−56	−27	−65	0	−1.03
31749		06 38 28.64	+04 36 25.9	7.14		G	99.619 328 69	+04.607 184 72		−0.70	−1.93	0.72	0.76	0.53	0.89	0.75	0.62	+5	+37	−13	−19	−3	−19	−9	−33	−18	+25	2	1.46
31750		06 38 29.36	−45 22 25.7	8.16		G	99.622 328 88	−45.373 809 28		4.58	−5.32	19.52	0.62	0.64	0.71	0.76	0.81	−6	+3	−9	−13	+3	+1	+3	−16	−2	−13	0	2.02
31751		06 38 31.80	−39 28 11.4	9.34		H	99.632 483 50	−39.469 822 16		6.40	−15.85	−66.14	0.76	0.97	1.01	0.81	1.30	+13	−3	−16	+12	+0	−3	−2	+31	−24	+17	1	0.70
*31752	H	06 38 32.21	+52 17 40.9	8.64		H	99.634 199 70	+52.294 687 23	A	5.52	−13.13	−30.47	2.37	1.85	2.36	2.34	1.63	−25	+18	−2	+1	+39	+21	+26	−8	+1	−13	1	0.55
*31753		06 38 32.02	+67 05 12.9	8.78		H	99.633 433 71	+67.086 911 21		4.94	−9.98	−17.90	0.76	0.77	1.19	0.89	0.95	+3	+21	−7	−21	+1	−15	+2	−16	+9	−18	2	−0.02
31754		06 38 32.73	+37 06 50.9	8.05		H	99.636 375 93	+37.114 150 38		6.00	−25.88	−49.91	0.91	0.64	1.05	1.17	0.76	−1	+23	+18	−13	+10	+13	+7	−52	−17	+7	0	−1.81
31755		06 38 32.98	+12 44 18.1	7.76		H	99.637 436 36	+12.738 356 86		2.47	−3.13	−7.60	0.90	0.56	0.98	0.79	0.60	+0	+44	−7	−5	+0	−12	−10	−27	−15	−3	0	1.38
31756		06 38 33.67	+02 55 12.4	8.37		H	99.640 291 05	+02.920 109 29		5.32	5.45	−17.30	1.07	0.64	1.20	1.06	0.79	−23	+28	−17	−20	+9	−15	+14	−44	−10	+11	0	0.54
31757		06 38 34.17	+39 07 11.3	7.78	1	H	99.642 392 40	+39.119 799 60		3.27	−5.49	8.22	0.95	0.64	1.06	1.23	0.76	+22	+18	−17	−17	−27	+15	−18	−50	+14	+41	0	−0.24
31758		06 38 35.43	−16 52 24.6	6.01		H	99.647 630 95	−16.873 486 46		7.08	−8.37	−24.83	0.60	0.49	0.72	0.67	0.57	+30	−2	−23	−48	−25	+9	−25	−56	+33	+8	1	0.11
31759		06 38 35.52	+26 54 19.7	8.34	2	H	99.647 995 19	+26.905 479 81		1.44	−5.80	−9.74	1.24	0.82	1.41	1.85	1.15	+27	+24	−37	−4	−43	+32	−14	−53	+43	+63	0	0.09
*31760		06 38 35.98	−04 17 33.9	8.04		H	99.649 919 88	−04.292 740 19		5.48	5.28	13.89	0.77	0.55	0.95	0.84	0.73	−27	+35	−24	−26	−1	−19	+1	−39	+23	−20	0	−0.56
*31761		06 38 35.98	−52 03 23.9	10.46		G	99.649 910 39	−52.056 651 65		6.02	46.06	194.50	1.07	1.15	1.22	1.24	1.46	−8	+14	+8	−9	+0	−12	+0	−5	−8	−13	1	1.26
31762		06 38 36.19	−24 57 57.0	8.39	2	H	99.650 781 47	−24.965 821 92		3.35	−2.05	26.19	0.51	0.73	1.01	0.61	0.83	−13	+11	+11	+31	−11	+8	−7	+6	+10	−1	0	−0.16
31763		06 38 36.38	+61 28 40.0	6.96		H	99.651 581 33	+61.477 780 44		2.90	8.43	−24.53	0.71	0.55	0.86	0.91	0.58	−7	+23	−16	+17	+8	+24	+15	−14	+15	+7	0	0.22
31764		06 38 36.54	−63 32 59.5	9.21		H	99.652 265 66	−63.549 855 64		2.22	−2.86	8.92	0.74	0.75	0.75	0.81	0.93	−9	+2	+7	+13	−13	+9	−17	+30	−7	−4	1	−0.96
31765		06 38 37.63	−48 13 12.8	5.05	2	G	99.656 802 09	−48.220 231 29	A	7.48	3.92	19.83	0.55	0.59	0.57	0.58	0.59	+9	+10	−13	−21	−10	+11	−10	−8	+6	+15	5	1.22
31766		06 38 38.19	+01 36 48.7	6.23	1	H	99.659 114 42	+01.613 524 24		0.96	0.12	−2.41	0.78	0.45	0.89	0.75	0.58	+9	+46	−2	−33	−13	−30	−20	−46	−21	+25	0	0.83
31767		06 38 38.43	+28 40 22.7	9.54		H	99.660 128 70	+28.672 960 31		0.74	−13.49	11.96	1.64	0.96	1.75	1.92	1.28	−10	+35	+8	−4	+27	+26	+35	−59	+11	+1	0	0.38
31768		06 38 38.47	−60 10 59.0	7.06		H	99.660 291 71	−60.183 052 39		1.45	−3.94	9.70	0.50	0.45	0.50	0.56	0.51	+0	−4	−10	+21	−13	+3	−12	+14	−20	−8	0	−0.85
31769		06 38 38.93	−17 58 09.2	9.42		G	99.662 197 43	−17.969 215 62		5.84	−1.43	9.76	0.83	0.85	1.30	0.98	1.01	+20	−9	−13	−17	−15	−1	−17	−25	+2	+4	0	−0.06
31770		06 38 39.16	+14 36 39.7	8.48		H	99.663 149 14	+14.611 022 82		4.82	−9.39	−14.87	1.09	0.72	1.32	1.41	0.94	−21	+38	−39	+3	+12	−32	+10	−27	−9	+25	0	−0.23
31771		06 38 39.55	+39 23 28.0	5.70		H	99.664 809 28	+39.391 115 30		10.30	−22.05	−107.49	0.73	0.56	0.94	1.17	0.70	+23	+11	−45	−13	−40	+39	−10	−59	+39	+67	0	0.33
*31772		06 38 39.77	−81 27 32.5	8.87		H	99.665 722 47	−81.459 030 51		4.33	0.81	62.25	0.72	0.71	0.75	0.89	0.82	−17	+10	+8	−6	+13	+5	+8	−31	+7	−37	1	0.46
*31773		06 38 39.62	−37 59 45.4	7.15	1	H	99.665 091 73	−37.995 935 20		3.53	12.91	−23.98	0.46	0.48	0.59	0.53	0.66	−2	+18	−24	+11	−4	+15	−1	+13	+3	+15	0	−0.24
31774		06 38 39.89	+26 29 59.7	8.80		H	99.666 196 35	+26.499 922 24		0.34	4.50	−3.76	1.47	0.99	1.35	2.36	1.46	+46	+5	−22	−13	−50	+16	−35	−48	+33	+66	0	0.18
31775		06 38 40.62	−17 55 54.7	9.11	1	H	99.669 265 21	−17.931 858 91		−0.71	−1.11	8.91	0.80	0.81	1.20	0.96	1.00	+23	−12	−13	−21	−14	−2	−15	−24	−1	+6	0	1.08
31776	H	06 38 40.76	+41 34 53.4	6.87		G	99.669 817 85	+41.581 494 94	A	3.64	−3.73	−0.79	1.12	0.82	1.12	1.26	0.78	−9	+22	−9	−28	+9	−16	+7	−54	−2	−26	2	0.67
31777		06 38 40.90	−46 30 54.8	9.66		H	99.670 431 58	−46.515 210 70		0.73	2.94	20.40	0.89	0.90	1.04	0.97	1.19	−10	+9	−15	−3	+2	+10	+3	+22	−25	−12	0	−1.08
31778		06 38 41.36	−46 10 30.6	8.38		G	99.672 342 58	−46.175 155 01		3.08	−8.03	11.05	0.63	0.60	0.70	0.74	0.74	−6	+8	+2	−9	+9	+11	+9	−3	−14	−19	0	0.17
31779		06 38 41.76	−76 30 50.9	10.00		H	99.673 985 09	−76.514 128 10		4.51	−9.08	−4.22	0.90	0.83	0.90	1.10	1.11	−11	+17	+5	−16	−13	−4	−9	+13	+4	−24	0	−0.20
31780		06 38 42.34	+45 04 14.1	8.98	1	H	99.676 426 61	+45.070 577 86		0.65	−3.17	−5.61	1.27	0.92	1.39	1.68	1.13	+14	+11	+1	−16	−29	+8	−26	−45	+14	+14	0	0.49
*31781		06 38 43.17	−45 03 36.3	8.45		H	99.679 875 24	−45.060 082 08	C	−0.16	−0.01	9.68	19.62	25.80	1.12	1.08	1.26	−17	−2	−10	−2	+6	−8	+4	−15	−5	−23	1	1.57
*31782	H	06 38 43.27	+43 21 10.6	9.28		H	99.680 280 26	+43.352 935 91	*	6.77	−7.93	−29.50	1.29	0.98	1.65	1.83	1.37	+11	+0	−37	−5	−42	+30	−31	−37	+44	+25	0	−0.35
*31783		06 38 43.12	+75 42 25.5	7.76		H	99.679 662 45	+75.707 077 06		19.28	−37.12	−109.11	0.50	0.51	0.70	0.61	0.56	+10	+11	−3	+22	−3	+2	+2	−15	+5	+22	0	−0.49
31784	H	06 38 43.99	−45 03 52.1	7.69		G	99.683 280 93	−45.064 474 28	A	−0.16	−0.01	9.68	1.03	1.21	1.12	1.08	1.26	−16	+9	−15	−11	+5	−8	+5	−7	−5	−23	1	1.57
31785		06 38 45.61	−16 15 39.1	7.10		G	99.690 055 14	−16.260 847 66		9.89	4.76	−5.82	0.61	0.53	0.78	0.66	0.63	+8	+22	−9	−39	+0	−23	−1	−49	+22	−16	0	0.02
31786		06 38 47.05	−28 45 23.0	9.52	2	H	99.696 056 78	−28.756 378 79		3.44	−5.38	7.21	0.82	0.97	1.26	0.95	1.16	−4	+20	+9	+22	−3	+10	−5	+18	−7	+4	0	−0.80
31787		06 38 47.93	+06 54 06.8	6.94		G	99.699 697 17	+06.901 883 22		−0.31	−3.41	0.44	0.77	0.57	0.84	0.73	0.61	−15	+17	+8	−28	+21	+11	+18	−51	−24	−14	0	1.94
31788		06 38 48.08	−43 49 29.3	7.58		H	99.700 349 16	−43.824 813 48		2.44	−1.59	17.81	0.49	0.56	0.59	0.53	0.67	−9	+4	−10	−4	+8	−2	+5	−22	+4	−26	0	1.46
31789		06 38 49.19	+39 54 09.3	5.34		H	99.704 944 11	+39.902 587 91		4.30	−8.37	−11.99	0.69	0.47	0.76	0.84	0.51	+6	+26	−13	−16	−9	+6	−4	−47	−1	+28	0	0.95
31790		06 38 49.41	+04 42 02.2	6.56		G	99.705 864 02	+04.700 609 64		1.79	−3.11	−0.22	0.73	0.50	0.85	0.72	0.57	+2	+38	−19	−19	−2	−20	−8	−34	−16	+26	2	0.14
31791		06 38 49.50	−27 44 47.9	8.10		H	99.706 258 27	−27.746 632 02		12.71	47.04	−127.03	0.57	0.73	0.93	0.66	0.77	−2	+3	+18	+2	−23	−8	−20	+8	+1	−9	0	−1.24
31792		06 38 51.06	+07 58 17.6	7.79		G	99.712 736 82	+07.971 553 23		2.26	−1.27	−5.67	0.98	0.64	1.17	1.00	0.81	+0	+44	−9	−17	+4	−29	−7	−32	−32	+29	0	−0.62
31793		06 38 51.49	+05 41 08.7	8.49		G	99.714 532 67	+05.685 744 05		−0.33	−2.67	−4.26	0.91	0.64	1.04	0.92	0.73	−15	+28	−19	−3	−9	−15	−5	−34	−5	+15	2	1.53
31794	H	06 38 51.66	−32 49 51.5	8.79		H	99.715 270 13	−32.830 978 42	*	2.30	−4.38	11.39	0.66	0.69	0.92	0.76	0.92	+11	+18	−7	+23	+9	+25	+10	+20	−14	+9	0	0.40
31795		06 38 51.84	+10 39 04.0	9.16		H	99.715 997 62	+10.651 114 88		3.18	−5.58	−6.59	1.34	0.80	1.47	1.35	0.98	+6	+43	−9	−11	−7	−16	−12	−28	−12	+17	0	−0.76
31796		06 38 52.69	+33 01 05.1	7.12		G	99.719 543 05	+33.018 081 75		13.71	−53.71	−18.08	0.82	0.56	0.93	1.16	0.75	+31	+6	−27	−21	−53	+23	−41	−62	+35	+44	0	0.10
31797		06 38 53.29	+25 40 44.7	10.66		H	99.722 028 73	+25.679 075 57		1.81	−3.84	−10.90	1.88	1.24	2.16	2.41	1.64	−9	+36	−29	+22	−17	+15	+4	−11	+33	+24	0	0.62
31798		06 38 53.57	−63 27 55.3	8.75		H	99.723 223 34	−63.465 363 94		10.31	25.09	117.99	0.72	0.71	0.72	0.80	0.86	−6	+3	+8	+11	−10	+6	−11	+34	−5	−10	1	−0.07
31799		06 38 54.71	−15 58 11.0	8.78		H	99.727 960 40	−15.969 729 31		4.62	−8.55	−0.26	0.82	0.72	1.04	0.88	0.84	+6	+24	−1	−32	−5	−27	−3	−36	+12	−6	0	0.49
31800		06 38 55.38	−40 35 08.6	7.97		G	99.730 748 07	−40.585 724 79		10.15	20.31	12.12	0.58	0.60	0.72	0.64	0.80	−5	−4	−13	−5	−2	+27	+1	+9	−4	+9	1	−0.61

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No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
31701	11.226	0.056	9.502	0.021		1.467	0.049	T	2.79	0.07	O	9.2072	0.0095	0.082	130		9.05	9.31		U 2			1 S							
31702	10.127	0.027	9.575	0.027		0.517	0.034	T	0.59	0.04	L	9.6528	0.0022	0.020	116		9.62	9.70		C			1							G
31703	6.711	0.003	6.292	0.003		0.396	0.004	T	0.46	0.00	L	6.3454	0.0007	0.009	176		6.33	6.36					1 X S							S
31704	10.789	0.067	8.951	0.023	*	1.134	0.218	G	1.10	0.23	R *	8.8051	0.0050	0.019	56	*	8.76	8.84			06379+0744	H 1	2 C S C	AB	195	0.109	0.012	0.44	0.73	
31705	9.141	0.016	9.162	0.021	A	−0.015	0.024	T	0.01	0.02	L	9.1443	0.0054	0.017	95	A	9.12	9.20		D	06379−0532	H 1	2 C A	AB	161	10.083	0.008	2.01	0.04	
31706	10.445	0.049	8.523	0.018		1.630	0.043	T	1.67	0.13	O	8.4559	0.0027	0.015	53		8.43	8.47					1							
31707	8.087	0.007	8.208	0.009		−0.105	0.010	T	−0.09	0.01	L	8.2036	0.0014	0.014	122		8.18	8.23					1							
31708	9.855	0.040	9.502	0.042		0.335	0.054	T	0.39	0.07	L	9.5534	0.0024	0.021	93		9.52	9.59		C			1							
31709	8.104	0.009	8.123	0.011		−0.015	0.004	G	0.01	0.00	H	8.1349	0.0016	0.013	81		8.11	8.16					1							
31710	8.664	0.013	8.336	0.014		0.311	0.018	T	0.36	0.02	L	8.3833	0.0016	0.013	81		8.35	8.41		C			1							S
31711	6.907	0.005	6.242	0.005	*	0.624	0.005	G	0.69	0.00	H *	6.2816	0.0015	0.010	98	*	6.27	6.30		D	06380−6132	I 1	2 C A	AB	263	0.762	0.006	2.33	0.03	S
31712	9.492	0.016	8.848	0.015		0.591	0.016	T	0.66	0.01	L	8.9109	0.0018	0.015	107		8.88	8.94		C			1							
31713						1.699	0.143	G	1.83	0.21	K	11.3088	0.0097	0.059	32		11.18	11.39					1							G
31714	10.099	0.038	9.819	0.044		0.330	0.015	G	0.38	0.02	H	9.8713	0.0047	0.023	50		9.81	9.91		C			1							G
31715	9.287	0.024	9.071	0.029		0.206	0.035	T	0.23	0.04	L	9.0962	0.0024	0.016	52		9.06	9.12		C			1							
31716	7.476	0.005	7.355	0.007		0.117	0.008	T	0.13	0.01	L	7.3855	0.0013	0.010	99		7.37	7.41		C			1							S
31717	9.599	0.021	8.337	0.013		1.075	0.019	T	1.04	0.02	L	8.3699	0.0023	0.018	88		8.34	8.41		C			1							
31718	9.180	0.015	8.892	0.017		0.274	0.021	T	0.31	0.03	L	8.9637	0.0017	0.017	105		8.94	9.00					1							
31719	9.826	0.020	8.109	0.010		1.461	0.018	T	2.90	0.06	O	7.7744	0.0190	0.117	105		7.57	7.87		U 2			1 S							P
31720	8.701	0.012	7.564	0.008		0.946	0.150	G	0.95	0.01	L	7.6255	0.0020	0.014	81		7.60	7.65		D	06381+5927	I 2	1							S
31721	10.954	0.044	8.570	0.012		1.965	0.037	T	2.00	0.04	L	8.3823	0.0025	0.023	132		8.34	8.41		U			1							
31722	11.625	0.119	10.732	0.090	*	0.795	0.111	T	0.83	0.08	L *	10.9313	0.0110	0.110	75	*	10.60	11.06		D	06381+5927	I 2	2 C D	AC	13	0.229	0.028	0.47	0.17	D
31723	9.168	0.011	8.751	0.011		0.394	0.014	T	0.46	0.01	L	8.8233	0.0015	0.020	185		8.79	8.86		C			1							
31724	7.554	0.008	7.457	0.009		0.114	0.003	G	0.13	0.00	H	7.4744	0.0011	0.010	64		7.45	7.50		C			1							S
31725	11.140	0.053	9.510	0.023		1.360	0.015	G	1.33	0.01	J	9.5623	0.0035	0.029	112		9.51	9.60		U			1							
31726	8.889	0.016	8.931	0.020		−0.062	0.015	G	−0.04	0.01	H	8.9679	0.0020	0.020	86		8.92	9.00					1							
31727	9.364	0.010	8.345	0.007		0.888	0.009	T	0.89	0.01	L	8.4141	0.0010	0.015	276		8.39	8.44		C			1							
31728	9.612	0.019	9.187	0.019		0.401	0.025	T	0.47	0.03	L	9.2376	0.0017	0.017	96		9.21	9.27		C			1							
31729	8.158	0.008	7.653	0.007	A	0.495	0.015	G	0.57	0.02	H	7.7210	0.0067	0.014	149	A	7.69	7.75			06383+6444	I 1	2 C B	AB	136	10.595	0.037	3.58	0.18	S
31730	7.084	0.009	6.794	0.008		0.276	0.011	T	0.31	0.01	L	6.8268	0.0018	0.008	45		6.82	6.84		C	06383+2427	I 1	1							S
31731	7.904	0.008	6.828	0.007		0.931	0.008	T	0.93	0.01	L	6.8919	0.0014	0.008	84		6.88	6.91					1							S
31732	10.471	0.040	9.641	0.033		0.747	0.039	T	0.79	0.03	L	9.6930	0.0036	0.027	88		9.64	9.77		C			1 S							
31733	8.050	0.008	6.295	0.003		1.470	0.018	G	1.47	0.04	E	6.2701	0.0006	0.009	158		6.26	6.28					1							S
31734						1.699	0.143	G	1.83	0.21	K	11.8003	0.0141	0.078	33		11.62	11.96					1 X							D G
31735	10.420	0.029	8.947	0.014		1.241	0.025	T	1.20	0.03	L	8.9798	0.0019	0.021	130		8.94	9.00		C			1							
31736	7.305	0.004	6.563	0.004		0.664	0.004	T	0.73	0.00	L	6.6186	0.0008	0.010	199		6.60	6.64					1							S
31737	5.764	0.003	5.749	0.003	*	−0.001	0.003	G	0.02	0.00	H *	5.7655	0.0009	0.007	88	*	5.76	5.78		D	06384+2859	M 1	2 C A	BA	130	0.212	0.009	0.77	0.10	S
31738	8.811	0.013	6.932	0.006		1.561	0.011	T	1.58	0.01	L	6.8605	0.0013	0.012	102		6.84	6.87		M			1							S
31739	8.275	0.012	8.185	0.014		0.136	0.001	G	0.15	0.00	H	8.1933	0.0095	0.048	68		8.15	8.27	7.21	P 1 A			1							P
31740	11.030	0.056	10.202	0.044		0.730	0.054	T	0.78	0.04	L	10.2524	0.0033	0.022	74		10.20	10.28		C			1							G
31741	8.807	0.010	8.608	0.011		0.183	0.014	T	0.20	0.02	L	8.6439	0.0016	0.018	160		8.61	8.68		C			1							S
31742	8.549	0.011	7.268	0.007		1.090	0.010	T	1.05	0.01	L	7.3167	0.0012	0.010	90		7.30	7.33		C			1							S
31743	8.883	0.015	8.392	0.014		0.478	0.015	G	0.55	0.02	H	8.4589	0.0017	0.013	79		8.43	8.48		C			1							
31744	8.766	0.017	8.661	0.021		0.102	0.025	T	0.12	0.03	L	8.7010	0.0017	0.016	46		8.67	8.73		C			1							
31745	8.816	0.011	8.273	0.010		0.531	0.009	G	0.60	0.01	H	8.3355	0.0018	0.013	116		8.31	8.36		C			1							S
31746	8.633	0.011	8.268	0.011		0.346	0.014	T	0.41	0.02	L	8.3160	0.0011	0.013	95		8.30	8.34		C			1							S
31747	11.937	0.270	10.401	0.104		0.980	0.004	G	1.02	0.00	I	10.6191	0.0031	0.035	88		10.57	10.68		C			1							G
31748	10.314	0.033	8.672	0.015		1.374	0.029	T	1.34	0.04	L	8.6824	0.0018	0.016	94		8.66	8.71		C			1							
31749	7.281	0.009	7.169	0.008		0.109	0.011	T	0.12	0.01	L	7.1899	0.0014	0.008	70		7.17	7.20		C			1							S
31750	8.391	0.009	8.204	0.010		0.180	0.010	G	0.18	0.02	A	8.2303	0.0013	0.013	112		8.21	8.25		C			1							S
31751	10.548	0.035	9.459	0.022		0.941	0.032	T	0.93	0.02	L	9.5033	0.0027	0.020	117		9.46	9.55		C			1							
31752	9.418	0.027	8.575	0.022	*	0.757	0.026	T	0.80	0.02	L *	8.7821	0.0026	0.016	83	*	8.75	8.80		R	06385+5218	I 1	2 C A	AB	324	3.538	0.008	0.61	0.02	
31753	9.064	0.012	8.792	0.013		0.259	0.017	T	0.29	0.02	L	8.8553	0.0018	0.021	141		8.82	8.89		C			1							
31754	8.432	0.010	8.085	0.011		0.368	0.003	G	0.43	0.00	H	8.1318	0.0015	0.014	87		8.11	8.15		C			1							S
31755	8.041	0.012	7.780	0.012		0.252	0.001	G	0.28	0.00	H	7.8320	0.0015	0.011	58		7.81	7.85		C			1							S
31756	8.421	0.013	8.374	0.016		0.048	0.019	T	0.06	0.01	L	8.3914	0.0016	0.010	69		8.38	8.41		C			1							
31757	9.984	0.024	7.961	0.010		1.676	0.021	T	1.70	0.02	L	7.8802	0.0019	0.017	96		7.85	7.91		U			1							
31758	6.056	0.003	6.016	0.003		0.042	0.004	T	0.06	0.00	L	6.0323	0.0006	0.007	125		6.02	6.05		C			1							S
31759	8.408	0.013	8.377	0.016		0.033	0.019	T	0.05	0.01	L	8.3533	0.0022	0.014	65		8.34	8.44		U 2			1							S
31760	8.431	0.009	8.090	0.009		0.323	0.012	T	0.37	0.02	L	8.1233	0.0015	0.014	108		8.11	8.15					1							
31761	11.190	0.070	10.615	0.065		0.693	0.015	G	0.75	0.01	H	10.6110	0.0027	0.029	101		10.54	10.67					1							G
31762	10.129	0.020	8.514	0.009		1.352	0.017	T	1.32	0.02	L	8.5380	0.0016	0.017	176		8.51	8.58		U			1							
31763	7.295	0.006	6.994	0.008		0.286	0.009	T	0.33	0.01	L	7.0351	0.0009	0.011	77		7.02	7.05		D			1							S G
31764	9.066	0.014	9.179	0.019		−0.104	0.004	G	−0.09	0.01	H	9.1791	0.0027	0.019	108		9.15	9.21					1							
31765	6.295	0.005	5.139	0.004	A	0.997	0.003	G	0.89	0.02	A	5.2091	0.0047	0.028	94	A	5.19	5.27		U 2	06386−4813	I 1	2 C A	AB	321	12.928	0.008	2.22	0.04	S
31766	6.332	0.004	6.244	0.005		0.086	0.006	T	0.10	0.01	L	6.2657	0.0017	0.019	104		6.24	6.29		U 2			1							S
31767	10.072	0.028	9.575	0.028		0.467	0.036	T	0.54	0.04	L	9.6416	0.0022	0.021	90		9.61	9.68		C			1							G
31768	6.936	0.005	7.041	0.006		−0.090	0.007	T	−0.07	0.01	L	7.0320	0.0008	0.008	113		7.02	7.05		C			1							S
31769	9.736	0.029	9.405	0.032		0.260	0.020	G	0.29	0.03	H	9.4997	0.0021	0.023	157		9.46	9.54					1							
31770	9.788	0.028	8.573	0.017		1.039	0.026	T	1.01	0.02	L	8.6445	0.0020	0.013	54		8.63	8.67					1							
31771	7.489	0.007	5.855	0.003		1.367	0.006	T	1.34	0.01	L	5.8516	0.0008	0.007	88		5.84	5.86					1							S
31772	9.489	0.017	8.935	0.016		0.524	0.017	T	0.60	0.02	L	8.9803	0.0023	0.019	106		8.95	9.01		C			1							
31773	7.023	0.004	7.132	0.006		−0.100	0.001	G	−0.08	0.00	H	7.1192	0.0021	0.017	111		7.10	7.14		U 2 C			1							S
31774	8.858	0.017	8.787	0.022		0.070	0.026	T	0.08	0.03	L	8.8279	0.0030	0.016	49		8.80	8.86		C			1							
31775	9.162	0.019	9.117	0.024		0.080	0.020	G	0.09	0.02	H	9.1389	0.0027	0.031	156		9.08	9.19		U			1							
31776	6.980	0.017	7.004	0.018	A	0.021	0.015	G	0.04	0.01	H *	6.8877	0.0013	0.009	74	*	6.87	6.90		D	06387+4134	I 1	2 C A	AB	83	1.904	0.005	0.97	0.01	S
31777	11.137	0.056	9.798	0.028		1.136	0.049	T	1.10	0.05	L	9.8279	0.0026	0.024	114		9.79	9.87		C			1							
31778	8.408	0.009	8.412	0.012		0.007	0.007	G	0.00	0.02	A	8.3966	0.0014	0.011	109		8.38	8.42		C			1							
31779	10.536	0.033	10.023	0.032		0.492	0.035	T	0.56	0.04	L	10.1078	0.0026	0.026	115		10.06	10.15		C			1							G
31780	11.122	0.066	9.211	0.023		1.587	0.056	T	1.61	0.06	L	9.0942	0.0037	0.023	71		9.04	9.13		U			1							
31781	9.547	0.020	9.517	0.026	C						T	8.3731	0.0854	0.590	103	−	7.65	9.30		D	06387−4504	I 2	1 C F C							G
31782	9.710	0.022	9.296	0.023	*	0.391	0.030	T	0.46	0.03	L *	9.3666	0.0032	0.022	87	*	9.34	9.41		C	06387+4321	H 1	2 C S C	AB	170	0.132	0.060	1.58	1.42	
31783	8.365	0.008	7.826	0.007		0.505	0.010	T	0.58	0.01	L	7.8743	0.0011	0.014	175		7.85	7.90			06388+7542	I 1	1							S
31784	7.503	0.007	7.657	0.009	A	−0.115	0.002	G	−0.10	0.00	H *	7.5666	0.0055	0.053	113	−	7.47	7.63		D	06387−4504	I 2	2 C P C	AB	26	1.877	0.034	3.38	0.23	S G
31785	7.135	0.006	7.108	0.006		0.021	0.015	G	0.04	0.01	H	7.1115	0.0010	0.011	126		7.09	7.13		C			1							S
31786	9.341	0.013	9.496	0.020		−0.135	0.021	T	−0.13	0.03	L	9.4703	0.0040	0.038	155		9.42	9.53		U			1							
31787	6.904	0.007	6.948	0.009		0.003	0.003	G	0.02	0.00	H	6.9409	0.0010	0.007	63		6.93	6.95		C			1							S
31788	7.525	0.007	7.560	0.009		−0.044	0.008	G	−0.03	0.02	A	7.5667	0.0011	0.010	114		7.55	7.58		C			1							S
31789	5.243	0.003	5.331	0.003		−0.075	0.004	T	−0.05	0.01	L	5.3219	0.0005	0.004	92		5.31	5.33					1							S
31790	6.463	0.005	6.547	0.006		−0.069	0.007	G	−0.05	0.01	H	6.5420	0.0008	0.007	67		6.53	6.55		C			1							S
31791	8.787	0.009	8.158	0.009		0.572	0.015	G	0.64	0.01	H	8.2191	0.0019	0.019	157		8.18	8.25					1							S
31792	7.658	0.008	7.748	0.012		−0.077	0.013	T	−0.06	0.01	L	7.7605	0.0020	0.010	54		7.73	7.79		C			1							S
31793	8.304	0.016	8.479	0.022		−0.127	0.015	G	−0.12	0.02	H	8.4381	0.0034	0.017	55		8.42	8.47					1							
31794	9.059	0.014	8.830	0.016	*	0.213	0.021	T	0.24	0.02	L *	8.8601	0.0017	0.014	115	*	8.84	8.88			06389−3250	H 1	2 C S D	AB	198	0.100	0.015	0.38	0.99	D
31795	9.237	0.022	9.140	0.027		0.095	0.033	T	0.11	0.04	L	9.1955	0.0037	0.018	55		9.17	9.22					1							
31796	7.566	0.006	7.171	0.006		0.374	0.008	T	0.44	0.01	L	7.2094	0.0009	0.008	136		7.20	7.23					1							S
31797	11.004	0.068	10.721	0.086		0.269	0.103	T	0.30	0.13	L	10.7320	0.0049	0.027	50		10.70	10.79		C			1							G
31798	9.281	0.016	8.818	0.015		0.450	0.017	T	0.52	0.02	L	8.8485	0.0021	0.017	108		8.81	8.88					1							
31799	8.955	0.012	8.803	0.014		0.138	0.017	T	0.15	0.02	L	8.8337	0.0019	0.023	131		8.78	8.87					1							
31800	8.576	0.017	8.044	0.015		0.534	0.015	G	0.61	0.02	H	8.0874	0.0011	0.013	107		8.06	8.12			06389−4035	I 1	1							S

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
31801		06 38 55.49	−74 25 31.9	9.72		H	99.731 208 23	−74.425 536 02		15.47	−18.52	44.25	0.79	0.85	0.85	0.84	1.04	−5	+17	−5	−14	−5	+16	−7	−26	−4	−16	1	−0.80
31802		06 38 55.87	+15 12 25.0	7.84		H	99.732 793 33	+15.206 950 21		12.49	−18.71	−51.43	0.98	0.63	1.07	0.98	0.74	−22	+45	−27	−12	+7	−12	+13	−44	+5	+7	0	1.32
31803		06 38 56.66	−30 03 27.4	9.96		G	99.736 071 81	−30.057 617 86		2.06	4.32	13.52	0.88	1.02	1.31	1.00	1.17	+0	+4	+13	+25	−13	+8	−15	+16	+0	−2	2	3.93
31804		06 38 57.82	−55 17 55.6	8.85		H	99.740 912 71	−55.298 769 17		4.10	−7.19	21.00	0.77	0.79	0.82	0.84	0.97	−2	+2	+0	+20	+0	+2	−2	+8	−11	−14	0	0.99
31805	H	06 38 58.57	−58 50 09.5	8.37		G	99.744 042 79	−58.835 977 85	*	6.70	−5.32	2.13	0.60	0.61	0.64	0.63	0.64	−1	+4	−6	−3	−18	+0	−19	−11	+2	−12	1	1.13
31806		06 38 58.76	+38 30 44.5	9.92		H	99.744 832 82	+38.512 367 54		3.64	−15.65	−16.74	1.50	0.98	1.72	1.72	1.14	+8	+42	+6	−14	−14	−3	−12	−39	−1	+5	0	0.16
31807		06 38 58.86	+41 29 41.3	7.48	1	H	99.745 258 93	+41.494 805 62		1.25	0.62	−17.90	0.79	0.55	0.88	0.98	0.61	−2	+25	−15	−7	−3	+0	−1	−39	−5	+12	0	0.66
31808		06 39 00.69	+71 07 28.2	8.32		H	99.752 887 34	+71.124 504 19		1.73	−3.67	0.02	0.46	0.65	0.87	0.54	0.67	+14	+8	−1	+27	+7	+1	+8	−10	−4	+20	1	1.46
31809		06 39 01.75	−35 08 11.4	7.97		H	99.757 295 74	−35.136 510 58		4.87	−26.22	8.52	0.65	0.65	0.83	0.93	0.88	−4	+14	−5	−17	−12	−0	−16	+1	+2	+13	0	−1.42
31810		06 39 03.25	+19 35 43.9	8.43		H	99.763 534 63	+19.595 534 74		5.29	−5.32	−3.51	1.15	0.68	1.19	1.36	0.96	+12	+34	−13	+17	+2	−8	−2	−16	+1	+11	0	−0.64
31811		06 39 03.59	−18 11 09.0	7.13	2	H	99.764 938 17	−18.185 828 38		2.73	2.00	0.23	0.46	0.49	0.82	0.60	0.63	+5	−1	−7	+5	+4	−6	+0	−28	+4	−8	0	0.29
31812		06 39 04.04	+03 56 05.9	8.06		G	99.766 815 12	+03.934 960 31		3.69	−13.24	−4.19	0.95	0.62	1.08	0.94	0.73	+0	+37	−21	−31	−3	−22	−7	−41	−13	+27	2	−2.85
31813		06 39 05.29	+22 01 51.4	6.09		H	99.772 049 04	+22.030 939 90		7.78	13.23	−24.20	0.93	0.58	0.94	1.14	0.81	+19	+34	−11	+16	+4	+3	+7	−19	+11	+21	3	1.34
31814		06 39 05.39	−70 44 42.3	9.07		H	99.772 470 77	−70.745 077 17		1.57	7.40	−7.69	1.08	0.93	0.98	1.30	1.16	−15	+0	+12	−47	+15	+14	+16	−33	−26	−31	0	−0.77
31815		06 39 05.83	−37 31 57.8	7.83		H	99.774 280 17	−37.532 716 24		5.59	−7.69	12.24	0.55	0.65	0.74	0.62	1.01	+4	+6	−28	+3	+1	+20	+6	+15	+15	+22	0	−0.99
31816		06 39 05.87	+31 45 58.1	7.64		H	99.774 475 80	+31.766 142 17		6.12	−19.42	1.77	1.08	0.69	1.13	1.46	1.00	+50	+10	−28	−42	−58	+18	−46	−73	+42	+59	0	0.35
31817		06 39 08.44	−51 06 39.5	8.27		H	99.785 153 32	−51.110 965 05		3.34	2.34	−8.15	0.60	0.73	0.72	0.70	0.81	+4	+4	+20	−10	−4	+6	−6	−13	−9	−17	1	1.64
31818		06 39 08.60	+67 52 54.9	10.94		H	99.785 843 49	+67.881 906 99		4.81	4.31	−27.17	0.93	1.13	1.68	0.92	1.33	+22	+10	−10	−36	+1	−14	+3	−18	−1	+21	1	0.83
31819		06 39 09.36	−44 09 56.3	9.35	1	H	99.788 986 15	−44.165 637 32		4.79	−1.55	−25.65	0.85	0.98	1.01	0.95	1.18	−12	−5	−5	−8	+13	+7	+9	−35	+0	−27	0	1.09
31820		06 39 10.50	+00 24 11.0	7.76		H	99.793 760 11	+00.403 041 92		4.14	0.32	11.42	1.00	0.59	1.01	0.96	0.81	+31	+34	+5	−45	−40	−15	−46	−60	−14	+38	0	0.43
31821	H	06 39 11.66	−26 34 19.0	8.44		G	99.798 562 76	−26.571 941 57	B	20.56	−34.27	27.38	1.56	2.47	2.07	1.66	2.46	+1	+1	−14	+5	−22	+9	−14	+27	−3	−6	1	2.30
31822		06 39 12.76	−09 21 48.1	8.68		H	99.803 173 13	−09.363 367 90		1.04	2.47	−2.72	0.98	0.71	1.14	1.25	0.99	−18	+30	−17	−31	−5	−21	−1	−23	+25	−31	0	1.00
31823		06 39 13.69	−07 05 54.8	9.52		G	99.807 057 28	−07.098 562 88		2.89	−3.55	0.34	1.00	0.74	1.31	1.28	1.11	−17	+33	−30	−22	−12	−2	−3	−33	+23	+38	0	1.12
31824		06 39 15.10	−31 50 08.2	7.69		G	99.812 898 38	−31.835 599 24		1.21	−1.63	4.45	0.48	0.57	0.73	0.57	0.71	−2	+13	−13	+1	−2	+5	−1	+5	−2	−6	0	−0.81
31825		06 39 15.99	−31 49 47.1	9.67		H																							
31826		06 39 16.03	−35 31 56.6	8.16		H	99.816 782 93	−35.532 376 63		4.95	−2.50	2.97	0.57	0.63	0.77	0.71	0.72	−2	+0	−14	−2	−7	+12	−4	+3	+13	−14	0	0.09
31827		06 39 16.72	−14 08 44.7	4.82		G	99.819 651 68	−14.145 746 73		2.07	4.58	−7.00	0.72	0.54	0.92	0.90	0.70	+15	+11	−43	−57	−8	+2	−1	−71	+54	+17	0	−0.31
31828		06 39 16.97	+13 41 10.3	7.84		H	99.820 713 03	+13.686 202 75		6.66	−5.04	−29.68	1.19	0.62	1.26	1.16	0.85	+0	+57	−11	+5	−4	−14	−20	−31	−18	+0	0	−0.18
31829		06 39 17.79	+22 36 18.4	10.33	2	H	99.824 107 12	+22.605 103 78		1.90	0.89	−3.47	3.42	1.63	3.66	2.71	2.12	−10	+74	−11	−14	+6	−7	+10	−37	+11	−16	0	1.12
31830		06 39 19.10	−37 07 46.7	8.40		H	99.829 565 47	−37.129 645 83		7.85	−8.84	−39.19	0.62	0.74	0.83	0.69	1.12	+1	+13	−18	−9	+5	+13	+9	+28	+13	+10	1	2.11
31831		06 39 19.28	−49 40 50.8	9.07		H	99.830 327 72	−49.680 786 49		11.03	18.99	118.90	0.73	0.73	0.82	0.81	0.81	−6	+20	−3	+0	−9	+4	−6	+5	+10	−18	1	−0.11
31832		06 39 19.83	+42 29 20.4	4.80		G	99.832 612 64	+42.489 012 14		7.54	−0.97	−55.65	0.62	0.44	0.71	0.73	0.51	−2	+28	−19	+1	−6	+3	−2	−26	+14	−1	0	2.08
31833	H	06 39 19.91	−49 17 36.8	11.48		H	99.832 964 01	−49.293 553 78	A	21.21	105.92	294.17	2.96	3.04	2.99	3.19	3.17	+2	+17	−1	+8	−5	+16	−5	+0	+12	−6	2	−0.36
31834	H	06 39 20.27	+42 00 16.6	7.61		H	99.834 457 77	+42.004 605 82	*	4.39	−1.55	−7.38	0.78	0.54	0.88	0.98	0.61	+14	+18	−22	+3	−9	−8	−9	−34	+8	+19	0	1.68
31835		06 39 20.37	+36 39 19.5	8.58		H	99.834 894 26	+36.655 423 70		1.37	−0.17	−36.38	1.00	0.63	1.16	1.21	0.73	−15	+35	−19	+11	+1	−6	+13	−31	+12	+16	0	−1.36
31836		06 39 20.49	−23 48 46.0	8.97		H	99.835 361 47	−23.812 767 06		9.83	47.40	7.26	0.63	0.84	1.27	0.80	0.96	−9	+4	−3	+19	−17	+10	−15	+6	+3	−8	0	1.10
31837		06 39 21.97	−36 00 27.0	8.26		H	99.841 541 53	−36.007 503 60		6.67	−6.57	36.37	0.56	0.70	0.79	0.59	0.90	−9	+11	−5	+6	+0	+15	+1	+6	+5	−16	0	0.21
31838		06 39 22.76	+07 15 50.5	8.87		H	99.844 829 45	+07.264 033 30		2.43	1.83	−12.17	1.12	0.75	1.20	0.93	0.79	−26	+46	−22	−35	+14	−10	+8	−50	−6	−18	0	1.63
31839		06 39 23.48	+64 37 29.1	9.21		H	99.847 844 57	+64.624 743 65		5.00	−7.50	0.21	0.82	0.85	1.30	0.96	0.99	−9	+12	−18	−3	−22	−8	−16	+0	+30	−31	0	1.10
31840		06 39 26.57	−28 26 27.0	8.11	1	H	99.860 711 79	−28.440 824 46		2.97	4.24	1.31	0.61	0.73	0.95	0.79	0.91	−10	+4	−2	+13	−14	−7	−13	+12	−7	−1	0	−0.20
31841		06 39 26.77	−43 25 38.2	7.18	1	H	99.861 532 60	−43.427 273 26		3.03	3.09	−7.18	0.47	0.53	0.58	0.51	0.65	−9	+3	−14	−1	+4	−1	+2	−16	+14	−25	0	0.68
31842		06 39 27.31	−12 02 06.5	7.59		H	99.863 787 46	−12.035 144 82		0.90	−2.51	1.43	0.77	0.59	0.94	0.90	0.73	−10	+37	−30	−1	−27	+9	−17	−33	+21	−3	0	−0.72
31843		06 39 27.85	+66 09 44.5	7.74		H	99.866 061 88	+66.162 348 21		4.00	−2.05	−0.36	0.53	0.59	0.91	0.63	0.74	−16	+14	−15	−26	+1	−2	+5	−19	+14	−35	0	0.53
31844		06 39 28.97	−21 47 08.5	8.39		H	99.870 701 08	−21.785 690 48		3.63	−6.12	1.70	0.50	0.63	0.98	0.53	0.75	+2	+14	−9	+21	−20	+0	−20	+3	−11	+18	0	2.05
*31845		06 39 30.27	−31 25 50.1	10.51		H	99.876 134 71	−31.430 584 95		7.97	−181.40	34.71	0.93	1.09	1.43	1.13	1.39	−4	+12	−7	+0	−3	+20	−3	+1	−14	−6	0	0.11
*31846		06 39 30.27	−14 40 01.5	8.61		H	99.876 107 24	−14.667 090 13		2.37	0.57	−13.08	1.13	0.82	1.28	1.40	1.07	−29	+36	−16	−64	+40	−22	+45	−73	+31	−27	0	−0.47
31847		06 39 30.51	+44 40 40.8	9.80		H	99.877 126 48	+44.677 996 42		3.27	−6.89	−2.27	1.34	0.99	1.64	1.83	1.31	+0	+14	−15	−6	−17	+18	−9	−41	+24	+10	0	−1.18
31848		06 39 30.55	+22 00 10.0	8.56		H	99.877 297 41	+22.002 767 17		2.79	1.17	−7.71	1.30	0.76	1.38	1.57	1.12	+1	+49	−14	+14	−5	+14	+6	−24	+14	+18	0	−1.04
31849		06 39 31.38	+03 19 11.2	9.37		H	99.880 743 50	+03.319 782 57		16.60	−29.38	−61.58	1.62	1.02	1.75	1.77	1.32	−29	+18	−24	−32	+6	−7	+19	−61	+2	+9	0	0.26
31850		06 39 31.47	+24 35 59.8	6.43		H	99.881 126 91	+24.599 942 97		28.44	19.31	90.21	0.96	0.56	1.04	1.34	0.75	−3	+31	−29	+29	+3	+1	+24	−13	+9	+53	0	0.51
31851		06 39 32.66	−11 41 51.7	7.95	1	H	99.886 067 29	−11.697 691 06		2.70	1.80	4.17	0.74	0.59	0.92	0.90	0.74	+2	+26	−6	+4	−25	−11	−20	−21	+28	−19	2	1.48
31852	H	06 39 33.12	+28 15 47.4	6.02		G	99.888 015 66	+28.263 157 74	A	4.60	−5.66	−9.75	1.25	0.77	1.21	1.46	0.84	+12	+26	+21	−7	+27	+21	+26	−48	+4	+5	1	−0.50
31853		06 39 33.76	+30 18 14.3	8.05		H	99.890 676 49	+30.303 969 71		5.44	−7.15	−3.37	1.05	0.57	1.13	1.37	0.87	+5	+34	+4	+20	+18	−4	+23	−31	+17	+2	0	−0.13
31854		06 39 34.30	+08 21 01.4	8.90		H	99.892 915 31	+08.350 382 19		−1.47	0.90	−1.22	1.22	0.80	1.44	1.32	1.08	−9	+32	−7	−8	+9	−22	+1	−38	−29	+4	0	−0.16
31855		06 39 34.91	−10 53 00.3	8.61		H	99.895 441 67	−10.883 411 28		4.24	0.83	−4.32	0.96	0.76	1.19	1.28	1.10	−17	+34	−21	−21	−2	−9	+4	−41	+27	−22	0	0.02
31856		06 39 35.01	+28 22 11.0	8.93		H	99.895 890 24	+28.369 731 72		9.46	−33.00	−5.11	1.45	0.92	1.51	1.63	1.10	−7	+38	+21	−2	+36	+28	+32	−57	−10	−6	0	−0.45
31857		06 39 35.39	+17 42 10.9	8.47		H	99.897 445 93	+17.703 027 45		3.45	1.71	−3.30	1.18	0.88	1.42	1.50	1.01	−13	+32	−53	−31	−20	+6	−7	−56	+13	+34	3	−0.68
31858		06 39 35.43	−60 24 03.6	7.59		H	99.897 635 44	−60.401 004 86		3.41	−12.94	66.92	0.58	0.54	0.59	0.65	0.63	−4	−5	−8	+18	−13	+10	−12	+16	−18	−9	0	−0.67
31859		06 39 36.22	−23 41 44.3	6.05		H	99.900 924 45	−23.695 643 36		5.31	4.40	−7.84	0.35	0.45	0.64	0.45	0.52	+4	+6	−11	+22	−21	+6	−18	+0	+4	+8	1	1.75
31860		06 39 37.36	−52 49 56.9	7.19	1	H	99.905 681 82	−52.832 466 81		2.67	1.33	−3.75	0.58	0.52	0.57	0.60	0.60	−12	+6	+0	−29	+6	+14	+6	−25	−3	−26	0	−0.55
*31861		06 39 38.16	−78 26 25.8	8.57		H	99.908 985 31	−78.440 491 58		3.52	−1.87	19.47	0.62	0.56	0.63	0.64	0.60	−14	+19	+15	+27	−16	+7	−21	+20	−21	−26	0	0.46
*31862		06 39 38.05	−55 36 34.9	9.80		H	99.908 533 51	−55.609 703 81		76.47	−394.43	12.72	0.98	1.01	1.05	1.18	1.21	−1	+2	−8	+25	+0	+12	−1	+6	−6	−11	2	0.70
31863		06 39 38.75	+34 48 51.3	9.62		H	99.911 438 08	+34.814 239 38		5.61	−3.12	−12.82	1.30	0.83	1.52	1.62	1.04	−10	+40	−17	−12	−8	−1	+2	−55	+18	+0	0	0.41
31864		06 39 39.14	−26 38 30.1	8.92		G	99.913 074 17	−26.641 683 98		9.60	11.43	−21.61	0.74	0.92	1.24	0.88	0.96	−10	−8	+0	+17	−30	+4	−27	+3	+30	−11	0	−0.69
31866		06 39 41.61	−65 16 28.0	8.24		H	99.923 361 42	−65.274 439 33		2.88	0.69	15.29	0.57	0.55	0.58	0.65	0.66	+5	+1	+10	+0	−13	+2	−14	+7	+5	−6	1	0.22
31867	H	06 39 41.97	−05 23 06.3	9.52		H	99.924 877 91	−05.385 087 77	B	3.55	−5.44	5.46	2.97	2.07	3.16	2.85	2.36	−26	+26	−8	−23	−2	−23	−1	−35	+8	−12	0	−0.11
31868		06 39 42.37	−45 33 38.0	8.57		H	99.926 558 42	−45.560 543 16		2.59	−12.22	−3.69	0.72	0.75	0.82	0.82	0.98	−17	+7	−8	−9	+8	−5	+8	−10	−2	−25	0	0.25
31870		06 39 42.67	−30 28 12.1	5.70		H	99.927 773 65	−30.470 024 24		13.54	−7.33	−191.92	0.39	0.45	0.56	0.44	0.51	−2	+0	+8	+20	−16	+12	−17	+21	+0	−4	0	0.50
31871		06 39 43.31	−53 27 04.9	7.34		H	99.930 473 26	−53.451 353 16		7.80	16.90	−5.76	0.58	0.52	0.57	0.63	0.64	−17	+12	−5	−27	+8	−2	+9	−22	+6	−33	0	−0.70
31872	H	06 39 43.58	+58 05 42.4	6.96		H	99.931 597 99	+58.095 119 61	A	3.07	−7.67	−38.46	1.03	0.77	1.11	1.06	0.75	+2	+25	−11	+36	+13	+0	+15	+9	+0	+7	0	0.36
31873		06 39 44.01	+11 30 20.3	9.43		H	99.933 367 05	+11.505 649 52		−3.05	−5.86	−2.37	1.82	0.90	1.96	1.58	1.13	+18	+65	+2	−16	−7	−19	−13	−36	−17	+32	0	−0.73
31874		06 39 46.53	−01 22 48.5	6.92		G	99.943 869 35	−01.380 134 36		2.68	3.59	−2.26	0.78	0.51	0.96	0.83	0.65	−31	+42	−34	−35	−8	−1	+0	−51	+21	−7	0	0.40
31875		06 39 46.82	−43 24 10.5	7.40		H	99.945 091 52	−43.402 920 86		1.88	−9.97	9.44	0.46	0.57	0.58	0.49	0.65	−9	+12	−13	+0	+6	+7	+4	−23	+1	−21	0	−1.11
31876		06 39 47.73	+12 58 58.1	5.99		H	99.948 855 71	+12.982 802 59		11.28	−15.00	−14.14	0.78	0.46	0.88	0.73	0.55	−13	+53	−21	+8	+4	−22	−11	−14	−8	−18	0	−1.11
31877		06 39 48.24	+38 28 12.8	10.29		H	99.950 984 44	+38.470 229 21		3.81	−13.35	−39.46	1.63	1.05	1.85	1.86	1.20	−5	+41	−13	−16	+4	−6	+6	−44	+5	+6	0	0.38
31878		06 39 50.06	−61 28 42.2	9.71		H	99.958 569 52	−61.478 384 84		45.56	−29.74	75.85	0.92	0.81	0.91	1.00	1.07	−9	+6	−4	−15	−6	−18	−5	+3	+7	−27	2	3.59
31879		06 39 50.99	−51 04 06.0	9.34		H	99.962 473 62	−51.068 330 50		6.81	34.77	−23.92	0.76	0.89	0.91	0.92	1.16	+3	+14	+24	+2	−8	+5	−7	+13	+0	−19	2	0.64
31880		06 39 52.36	+22 13 19.7	8.61		H	99.968 180 45	+22.222 131 93		1.83	−2.06	−2.63	1.41	0.75	1.52	1.40	0.96	−5	+58	−25	+7	−4	+7	+13	−36	+17	+29	0	2.48
31881		06 39 53.19	+06 03 25.0	8.01		G	99.971 608 77	+06.056 943 40		2.12	−3.95	−0.10	0.85	0.62	0.96	0.88	0.73	−7	+27	−15	−17	−10	−12	−12	−34	−3	+3	0	0.25
31882		06 39 54.03	−26 47 16.5	8.32		H	99.975 142 09	−26.787 905 80		2.59	−5.86	1.86	0.57	0.73	0.97	0.68	0.76	+0	−7	−10	−6	−33	+4	−28	+0	+26	−9	0	−0.65
31883		06 39 55.58	+14 35 58.4	9.37		H	99.981 603 54	+14.599 544 17		3.91	−7.88	−6.32	1.49	0.94	1.72	1.83	1.28	−13	+38	−26	−11	+7	−27	+11	−44	−12	+30	0	−2.24
31884		06 39 55.86	−23 42 13.9	8.09		H	99.982 749 02	−23.703 860 70		1.89	3.88	5.77	0.46	0.62	0.91	0.57	0.67	+6	+9	−7	+22	−21	+12	−17	+4	+7	+8	0	2.02
31885		06 39 56.45	+79 07 48.9	8.14		H	99.985 207 06	+79.130 249 95		5.11	−16.95	−2.26	0.58	0.59	0.76	0.67	0.73	+9	+29	+10	+2	+4	−4	+1	−15	−14	+12	0	−0.87
31886		06 39 56.87	−38 09 32.1	6.59		H	99.986 972 22	−38.158 913 39		7.33	59.27	−34.39	0.47	0.55	0.63	0.54	0.77	−5	+27	−22	+13	+1	+14	+6	+28	+11	+11	0	−0.49
31887		06 39 57.01	+11 40 51.5	7.84		G	99.987 526 38	+11.680 982 68		1.67	0.25	−3.38	0.91	0.58	0.99	0.98	0.73	+2	+42	−8	−13	+0	−10	−5	−34	−19	+22	0	0.21
31888		06 39 57.70	−14 44 45.3	8.69		H	99.990 420 98	−14.745 905 90		1.00	2.47	3.41	0.94	0.69	1.17	1.18	0.95	−17	+41	−20	−51	+27	−25	+35	−64	+30	−4	0	−0.65
31889		06 39 57.87	+44 00 50.8	6.35		H	99.991 115 06	+44.014 104 09		4.92	22.35	4.09	0.67	0.47	0.77	0.88	0.64	+5	+19	+2	−1	−27	+6	−22	−23	+22	+3	0	0.71
31890		06 39 58.80	−32 53 30.2	7.88		H	99.994 996 52	−32.891 732 11		4.52	−9.30	2.67	0.49	0.54	0.70	0.56	0.68	+6	+11	+0	+14	+1	+17	+0	+17	−13	+0	0	−0.24
31891		06 39 59.25	−29 45 33.4	9.61		H	99.996 890 11	−29.759 274 31		5.31	−8.81	−10.66	0.83	1.01	1.36	0.95	1.16	+5	+17	+14	+2	−11	+15	−14	+7	−5	+1	0	0.44
31892		06 39 59.45	−13 57 51.0	8.81		G	99.997 721 42	−13.964 172 97		1.04	−4.92	2.71	1.11	0.84	1.44	1.45	1.10	+23	+9	−38	−46	−13	+1	−8	−61	+52	+15	0	−1.55
31893		06 40 01.50	+42 33 55.9	8.70		H	100.006 234 14	+42.565 515 49		3.73	−2.96	−4.72	0.92	0.62	1.06	1.17	0.79	−14	+18	−21	+13	−12	−1	−7	−29	+27	−11	0	1.97
31894		06 40 01.58	−04 41 55.4	8.72	2	G	100.006 587 80	−04.698 708 64		1.33	2.76	0.25	0.92	0.62	1.13	0.95	0.79	−15	+44	−19	−28	−9	−28	−10	−37	+15	−13	0	−0.26
31895		06 40 01.70	−48 32 31.3	8.05		H	100.007 098 46	−48.542 028 25		11.44	26.51	30.06	0.64	0.68	0.72	0.70	0.72	+16	−4	−14	−17	−15	+11	−13	−4	+7	+11	0	−0.41
31896		06 40 02.09	+19 39 28.6	7.28		H	100.008 723 56	+19.657 945 82		5.76	−8.32	−72.70	0.99	0.57	1.03	1.16	0.79	+9	+42	−12	+18	+2	−13	+1	−13	+4	+12	0	0.46
31897		06 40 02.91	−80 48 49.4	5.61		H	100.012 119 46	−80.813 722 35		8.07	−5.08	53.37	0.47	0.41	0.47	0.58	0.47	−4	+16	+11	−9	+0	+1	−1	−19	+0	−23	0	0.37
31898		06 40 02.97	−36 57 18.2	8.15		H	100.012 372 77	−36.955 057 14		3.29	−0.25	−7.69	0.57	0.70	0.79	0.63	1.04	−5	+8	−24	−2	+5	+10	+12	+14	+15	−3	0	−0.23
31899		06 40 03.61	+12 22 30.3	7.90		H	100.015 049 57	+12.375 087 61		2.49	−8.78	−10.80	0.86	0.58	0.97	0.88	0.67	−10	+42	−17	+2	−3	−19	−9	−18	−7	+0	0	0.11
31900		06 40 04.19	−17 17 37.1	7.47	2	G	100.017 464 10	−17.293 644 18		2.26	−0.47	−2.21	0.64	0.59	0.87	0.73	0.74	+19	−8	−18	−40	−7	−1	−9	−46	+2	+1	1	0.68

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
31801	10.656	0.034	9.749	0.025		0.790	0.033	T	0.82	0.02	L	9.8583	0.0020	0.020	117		9.80	9.89					1							
31802	8.452	0.013	7.896	0.013		0.526	0.015	G	0.60	0.02	H	7.9574	0.0017	0.010	54		7.94	7.98		C			1							S
31803	10.334	0.028	9.977	0.032		0.310	0.020	G	0.36	0.03	H	10.0339	0.0023	0.026	149		9.99	10.10					1 S							G
31804	10.032	0.024	8.947	0.017		0.938	0.022	T	0.93	0.02	L	9.0165	0.0030	0.018	94		8.99	9.04					1							
31805	8.812	0.010	8.432	0.011	*	0.408	0.015	G	0.47	0.02	H	* 8.4614	0.0013	0.018	123	*	8.44	8.49			06390−5850	I 1	2 C S B	AB	139	0.141	0.055	1.61	1.21	S
31806	10.418	0.034	9.933	0.035		0.456	0.044	T	0.53	0.05	L	10.0167	0.0025	0.025	101		9.97	10.07					1							G
31807	9.674	0.023	7.700	0.010		1.637	0.020	T	1.66	0.02	L	7.5926	0.0022	0.016	76		7.57	7.62		U			1							
31808	8.443	0.006	8.325	0.007		0.114	0.009	T	0.13	0.01	L	8.3610	0.0012	0.019	230		8.32	8.39					1							S
31809	9.055	0.013	8.069	0.009		0.864	0.012	T	0.88	0.01	L	8.1320	0.0013	0.014	117		8.10	8.16		C			1 G							
31810	8.841	0.018	8.463	0.019		0.352	0.001	G	0.41	0.00	H	8.5159	0.0031	0.017	51		8.50	8.55					1							
31811	9.284	0.016	7.340	0.007		1.648	0.014	T	2.15	0.04	O	7.1989	0.0025	0.031	159		7.17	7.25		U 2			1							S
31812	8.391	0.016	8.081	0.017		0.266	0.007	G	0.30	0.01	H	8.1316	0.0012	0.010	58		8.12	8.15		C			1							
31813	7.387	0.009	6.204	0.005		1.027	0.015	G	0.92	0.04	E	6.2484	0.0009	0.005	51		6.24	6.26					1							S
31814	11.138	0.071	9.242	0.023		1.608	0.061	T	1.77	0.16	O	9.1615	0.0022	0.023	86		9.12	9.20					1							
31815	9.154	0.014	7.948	0.009		1.032	0.013	T	1.00	0.01	L	7.9973	0.0014	0.012	120		7.98	8.02					1							
31816	7.779	0.008	7.653	0.010		0.110	0.015	G	0.12	0.01	H	7.6861	0.0009	0.009	103		7.67	7.71		C			1							S
31817	9.417	0.016	8.371	0.011		0.909	0.015	T	0.91	0.01	L	8.4317	0.0019	0.018	106		8.40	8.46					1							
31818	11.351	0.058	10.957	0.067		0.370	0.072	G	0.43	0.08	R	11.0299	0.0032	0.032	198		10.98	11.08					1							G
31819	10.778	0.042	9.472	0.023		1.110	0.037	T	1.07	0.04	L	9.5091	0.0031	0.027	106		9.47	9.56		U	06392−4410	I 1	1							
31820	8.926	0.011	7.850	0.007		0.931	0.010	T	0.93	0.01	L	7.9225	0.0011	0.013	123		7.90	7.94		C			1							S
31821	9.017	0.020	8.207	0.016	*	0.769	0.043	G	0.82	0.04	H	8.5325	0.0026	0.036	166	−	8.48	8.58		R	06392−2634	I 1	3 C B							G
31822	8.796	0.013	8.692	0.016		0.101	0.019	T	0.11	0.02	L	8.7239	0.0027	0.019	78		8.69	8.76					1							
31823	9.811	0.025	9.493	0.028		0.202	0.002	G	0.22	0.00	H	9.5791	0.0026	0.019	88		9.55	9.62		C			1							G
31824	7.463	0.005	7.651	0.007		−0.178	0.014	G	−0.18	0.02	H	7.6291	0.0011	0.015	156		7.59	7.65		D	06393−3150	I 2	1							S
31825											T	9.7684	0.0563	0.596	150		8.31	10.17		D	06393−3150	I 2	S							G
31826	8.551	0.010	8.202	0.011		0.331	0.014	T	0.39	0.02	L	8.2452	0.0013	0.012	107		8.22	8.28					1							S
31827	6.777	0.004	4.993	0.002		1.459	0.072	G	1.45	0.02	A	4.9771	0.0006	0.006	154		4.97	4.99		C			1							S
31828	8.834	0.020	7.944	0.016		0.792	0.019	T	0.82	0.01	L	7.9873	0.0016	0.009	50		7.97	8.05		C			1							
31829						2.591	0.400	G	2.59	0.41	J	10.3368	0.0115	0.093	51		10.17	10.44		U 2			1							S G
31830	9.349	0.016	8.510	0.013		0.738	0.016	T	0.79	0.01	L	8.5344	0.0014	0.014	121		8.51	8.56		C	06393−3708	I 1	1							
31831	9.841	0.023	9.128	0.019		0.642	0.023	T	0.71	0.02	L	9.2049	0.0017	0.016	111		9.18	9.23		C			1							
31832	6.396	0.004	4.931	0.003		1.236	0.006	G	1.17	0.03	C	4.9636	0.0006	0.005	88		4.95	4.97		C	06394+4229	I 1	1							S
31833											T *	11.6160	0.0064	0.054	103	*	11.53	11.71		D	06393−4918	I 1	2 C C	AB	24	5.063	0.032	1.34	0.13	G
31834	7.743	0.007	7.625	0.010	*	0.114	0.011	T	0.13	0.01	L *	7.6544	0.0013	0.009	77	*	7.64	7.67		D	06393+4200	I 1	2 C S A	AB	21	0.142	0.006	0.65	0.26	
31835	9.884	0.023	8.679	0.015		1.031	0.021	T	1.00	0.02	L	8.7491	0.0013	0.014	92		8.72	8.78		C			1							
31836	9.736	0.016	9.040	0.013		0.630	0.016	T	0.70	0.01	L	9.0977	0.0021	0.023	186		9.06	9.13					1							
31837	8.670	0.010	8.283	0.010		0.366	0.013	T	0.43	0.01	L	8.3428	0.0016	0.015	128		8.32	8.38					1							S
31838	8.984	0.015	8.855	0.018		0.125	0.022	T	0.14	0.02	L	8.9164	0.0025	0.016	69		8.89	8.95		C			1							
31839	9.365	0.018	9.238	0.022		0.123	0.027	T	0.14	0.03	L	9.2572	0.0028	0.027	141		9.20	9.30					1 S							
31840	10.245	0.025	8.316	0.010		1.635	0.022	T	2.15	0.06	O	8.1743	0.0020	0.024	151		8.13	8.21		U			1							S
31841	9.235	0.018	7.370	0.008		1.532	0.045	G	1.85	0.00	A	7.2763	0.0013	0.013	127		7.25	7.30		M			1							S
31842	9.146	0.016	7.720	0.009		1.204	0.014	T	1.16	0.01	L	7.7536	0.0011	0.013	77		7.73	7.77					1							
31843	7.700	0.005	7.738	0.008		−0.030	0.009	T	−0.01	0.01	L	7.7433	0.0013	0.015	178		7.72	7.77			06395+6610	I 1	1							S
31844	8.402	0.008	8.383	0.010		0.018	0.011	T	0.04	0.01	L	8.4011	0.0012	0.016	160		8.38	8.44		C			1							
31845	11.360	0.069	10.583	0.052		0.626	0.015	G	0.69	0.01	H	10.6373	0.0027	0.029	128		10.59	10.69		C			1							G
31846	10.058	0.019	8.775	0.011		1.092	0.017	T	1.05	0.02	L	8.7833	0.0013	0.017	171		8.76	8.81		C			1							
31847	10.170	0.033	9.848	0.036		0.306	0.046	T	0.35	0.06	L	9.8756	0.0025	0.021	78		9.83	9.91					1							G
31848	8.795	0.020	8.587	0.023		0.199	0.029	T	0.22	0.03	L	8.6265	0.0024	0.014	40		8.60	8.65					1							
31849	10.504	0.043	9.421	0.028		0.928	0.040	T	0.97	0.04	L	9.5152	0.0038	0.022	79		9.47	9.55					1							G
31850	7.066	0.007	6.487	0.007		0.523	0.009	G	0.60	0.01	H	6.5456	0.0015	0.007	45		6.53	6.56		C			1							S
31851	7.886	0.010	7.932	0.011		−0.060	0.017	G	−0.04	0.02	H	7.9338	0.0025	0.018	77		7.91	7.97		U	06395−1142	I 1	1 S							S
31852	5.927	0.004	6.038	0.005	*	−0.087	0.007	G	−0.07	0.01	H *	5.9973	0.0007	0.006	98	*	5.99	6.01		D	06396+2816	I 1	2 C A	AB	36	0.891	0.004	1.60	0.01	S
31853	8.205	0.009	8.071	0.011		0.129	0.013	T	0.14	0.01	L	8.0973	0.0012	0.012	100		8.08	8.12					1							S
31854	9.143	0.021	8.933	0.025		0.232	0.009	G	0.26	0.01	H	8.9719	0.0036	0.017	45		8.95	9.01		C			1							
31855	10.786	0.049	8.826	0.017		1.626	0.041	T	1.65	0.04	L	8.7247	0.0019	0.014	78		8.69	8.74		C			1							
31856	9.524	0.018	8.966	0.017		0.522	0.022	T	0.59	0.02	L	9.0412	0.0026	0.017	90		9.01	9.08					1							
31857	8.501	0.015	8.479	0.019		0.025	0.022	T	0.04	0.02	L	8.4875	0.0021	0.013	48		8.47	8.51		C			1							
31858	8.867	0.011	7.704	0.007		0.998	0.010	T	0.98	0.01	L	7.7520	0.0013	0.011	116		7.73	7.77		C			1							S
31859	6.017	0.002	6.043	0.003		−0.031	0.002	G	−0.01	0.00	H	6.0508	0.0007	0.007	208		6.04	6.06			06396−2342	I 1	1							S
31860	9.155	0.015	7.363	0.007		1.492	0.013	T	1.52	0.02	L	7.3159	0.0013	0.012	103		7.30	7.34		M			1							S
31861	8.645	0.011	8.566	0.013		0.071	0.015	T	0.08	0.02	L	8.5950	0.0015	0.014	120		8.57	8.62		C			1							
31862	11.561	0.098	9.937	0.037		1.377	0.067	G	1.62	0.12	I	9.9016	0.0027	0.023	88		9.87	9.93		C			1							G
31863	10.130	0.030	9.655	0.029		0.447	0.038	T	0.52	0.04	L	9.7235	0.0024	0.019	99		9.70	9.76		C			1							G
31864	9.756	0.016	8.997	0.014		0.690	0.020	G	0.75	0.02	H	9.0469	0.0023	0.022	158		9.01	9.10					1							
31866	8.150	0.008	8.217	0.010		−0.057	0.011	T	−0.04	0.01	L	8.2263	0.0017	0.013	101		8.20	8.25		C			1							S
31867	9.440	0.039	8.951	0.034	*	0.460	0.047	T	0.53	0.05	L *	9.6204	0.0020	0.017	89	*	9.60	9.65		D	06397−0523	I 1	2 C A	BA	260	1.760	0.008	0.36	0.03	G
31868	9.873	0.021	8.687	0.013		0.988	0.039	G	1.01	0.02	A	8.7418	0.0016	0.016	112		8.71	8.77		C			1							
31870	7.173	0.004	5.834	0.002		1.134	0.003	G	1.07	0.04	E	5.8707	0.0006	0.006	152		5.86	5.88		C			1							S
31871	7.545	0.006	7.363	0.008		0.174	0.009	T	0.19	0.01	L	7.3989	0.0011	0.009	95		7.39	7.41		C			1							S
31872	8.191	0.019	7.123	0.011	A	0.300	0.495	G	0.95	0.02	L *	7.1282	0.0009	0.007	90	*	7.12	7.14		D	06397+5806	I 1	2 C A	AB	280	1.272	0.007	1.71	0.02	S
31873	9.426	0.027	9.423	0.036		0.007	0.041	T	0.03	0.04	L	9.4427	0.0034	0.016	48		9.41	9.46		C			1							G
31874	8.544	0.008	7.054	0.005		1.255	0.015	G	1.21	0.02	I	7.0941	0.0007	0.007	139		7.08	7.11		C			1							S
31875	7.223	0.006	7.388	0.009		−0.136	0.003	G	−0.13	0.02	A	7.3575	0.0010	0.010	131		7.34	7.37					1							S
31876	6.067	0.004	5.986	0.004		0.063	0.004	G	0.07	0.00	H	6.0109	0.0007	0.006	55		6.00	6.02			06398+1259	I 1	1							S
31877	10.817	0.045	10.327	0.047		0.461	0.059	T	0.53	0.06	L	10.3924	0.0034	0.027	93		10.36	10.44		C			1							G
31878	11.572	0.094	9.852	0.032		1.257	0.020	G	1.53	0.17	K	9.8196	0.0036	0.026	104		9.78	9.86					1							G
31879	9.916	0.022	9.391	0.021		0.502	0.023	T	0.57	0.02	L	9.4504	0.0020	0.018	107		9.42	9.48		C			1							
31880	8.523	0.019	8.589	0.026		−0.056	0.029	T	−0.03	0.03	L	8.5966	0.0019	0.014	48		8.57	8.62					1							
31881	7.942	0.012	8.000	0.017		−0.036	0.001	G	−0.01	0.00	H	8.0005	0.0016	0.012	55		7.98	8.02					1							
31882	8.384	0.007	8.305	0.009		0.071	0.010	T	0.08	0.01	L	8.3454	0.0012	0.014	158		8.32	8.37		C			1							
31883	10.522	0.060	9.478	0.042		0.907	0.055	T	0.91	0.04	L	9.5291	0.0024	0.021	46		9.49	9.57		C			1							G
31884	8.000	0.006	8.060	0.007		−0.050	0.008	T	−0.03	0.01	L	8.0766	0.0010	0.015	200		8.05	8.10		C			1							
31885	8.450	0.009	8.155	0.009		0.257	0.015	G	0.29	0.02	H	8.2109	0.0014	0.016	153		8.18	8.24					1							S
31886	8.112	0.008	6.721	0.006		1.175	0.004	G	1.13	0.04	E	6.7602	0.0009	0.008	107		6.75	6.77		C			1							S
31887	7.886	0.010	7.860	0.014		0.056	0.009	G	0.07	0.01	H	7.8703	0.0021	0.013	54		7.85	7.89					1							S
31888	8.720	0.009	8.683	0.011		0.039	0.013	T	0.05	0.01	L	8.7142	0.0014	0.017	160		8.69	8.74		C			1							
31889	7.936	0.009	6.487	0.005		1.222	0.008	T	1.18	0.01	L	6.5141	0.0009	0.008	86		6.50	6.53		C			1							S
31890	7.834	0.006	7.869	0.010		−0.038	0.002	G	−0.02	0.00	H	7.8748	0.0009	0.010	119		7.86	7.90					1							S
31891	9.990	0.022	9.637	0.024		0.340	0.020	G	0.40	0.03	H	9.6932	0.0025	0.024	139		9.66	9.74		C			1							
31892	8.760	0.010	8.784	0.013		−0.028	0.015	G	−0.01	0.01	H	8.8057	0.0023	0.020	124		8.77	8.86					1							
31893	9.096	0.020	8.748	0.022		0.368	0.015	G	0.43	0.02	H	8.7896	0.0020	0.016	87		8.76	8.82		C			1							
31894	8.862	0.012	8.731	0.014		0.158	0.015	G	0.28	0.02	A	8.7989	0.0048	0.091	104		8.61	8.83		U 2			1							
31895	8.969	0.014	8.140	0.011		0.747	0.014	T	0.79	0.01	L	8.1948	0.0013	0.009	98		8.18	8.21					1							S
31896	8.798	0.023	7.389	0.014		1.190	0.021	T	1.15	0.02	L	7.4495	0.0014	0.009	55		7.44	7.47		C			1							S
31897	5.856	0.003	5.632	0.003		0.214	0.004	T	0.24	0.01	L	5.6721	0.0008	0.007	116		5.66	5.68					1							S
31898	9.451	0.018	8.261	0.011		1.019	0.016	T	0.99	0.01	L	8.3181	0.0016	0.015	123		8.29	8.35					1							
31899	7.881	0.008	7.889	0.013		−0.007	0.003	G	0.01	0.00	H	7.9033	0.0018	0.012	55		7.88	7.93		C			1							S
31900	8.074	0.008	7.564	0.008		0.493	0.015	G	0.57	0.02	H	7.5922	0.0032	0.024	132		7.56	7.63		U 2			1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ (13)	Standard Errors α* mas (14)	δ (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ (18)	Astrometric Correlations (%) δ α* (19)	π α* (20)	π δ (21)	$\mu_{\alpha*}$ α* (22)	$\mu_{\alpha*}$ δ (23)	$\mu_{\alpha*}$ π (24)	μ_δ α* (25)	μ_δ δ (26)	μ_δ π (27)	μ_δ $\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
31901		06 40 04.77	−27 23 53.7	9.21		H	100.019 866 08	−27.398 244 03		2.05	−3.45	2.95	0.71	0.79	1.06	0.80	0.92	−12	+3	−2	+1	−25	−3	−26	+8	−8	−11	0	0.41
31902		06 40 05.32	−08 29 41.8	8.33		H	100.022 185 45	−08.494 953 76		3.24	2.31	5.79	1.03	0.69	1.04	1.21	1.01	−20	+25	−10	−55	+1	−9	−5	−46	−7	+19	0	1.53
31903		06 40 05.35	+23 40 25.7	7.43		G	100.022 298 64	+23.673 804 50		4.85	11.89	−18.30	1.13	0.64	1.29	1.30	0.78	−5	+45	−32	+14	−16	+20	+11	−32	+24	+43	0	0.08
31904		06 40 05.54	−02 21 42.0	7.63		H	100.023 085 26	−02.361 668 58		6.75	−44.52	−7.07	0.69	0.48	0.91	0.74	0.62	−21	+39	−27	−30	−10	−3	−2	−47	+14	+18	1	2.04
31905		06 40 05.58	+07 36 21.0	10.50	2	H	100.023 260 70	+07.605 826 89		−0.28	2.80	−0.92	1.97	1.28	2.12	1.68	1.38	−26	+51	−25	−8	−1	+3	−2	−38	−1	−18	0	1.54
31906	H	06 40 06.31	−10 18 38.7	8.54	1	H	100.026 278 71	−10.310 757 26	A	3.23	1.18	2.13	2.86	1.88	1.82	2.62	1.94	−43	+24	−15	−27	+25	−21	+22	−42	+33	−67	1	2.15
31907		06 40 06.44	−39 18 44.6	9.50		G	100.026 828 79	−39.312 391 76		14.43	−25.89	−6.00	1.39	1.60	1.80	1.52	2.20	−3	+17	−16	+2	−7	+4	−11	+12	−14	+6	0	
31908		06 40 06.82	+15 43 50.9	8.31		H	100.028 432 02	+15.730 804 31		2.95	4.31	−1.80	1.04	0.70	1.13	1.10	0.88	−19	+32	−15	−6	+11	+0	+14	−39	−2	−8	2	0.66
31909		06 40 07.69	+16 43 09.6	8.92		H	100.032 043 45	+16.719 325 93		2.22	2.88	−3.07	1.32	0.84	1.47	1.45	1.00	+6	+39	−32	−21	−29	−11	−31	−39	−7	+38	0	0.58
31910		06 40 07.70	+33 42 40.2	10.23		H	100.032 102 09	+33.711 169 46	B	6.42	−52.61	−5.15	8.48	5.26	5.37	6.63	4.25	−11	+18	−16	−1	−27	+29	−12	−51	+27	+15	1	0.56
31911		06 40 08.06	−05 17 23.4	8.13		H	100.033 591 38	−05.289 833 01		4.95	−4.38	−1.46	0.80	0.60	1.00	0.80	0.69	−15	+29	−23	−8	−13	−17	−15	−22	+9	−4	0	0.04
31912		06 40 09.20	+10 52 17.3	9.63		H	100.038 340 77	+10.871 465 13		−1.76	5.38	−4.71	1.66	0.91	1.90	1.50	1.08	−5	+59	−17	−28	+2	−30	−7	−32	−7	+8	5	1.07
31913		06 40 09.71	+33 42 27.0	10.28		H	100.040 470 60	+33.707 509 76	A	6.76	1.59	−7.12	4.32	3.20	4.26	5.52	3.50	+0	+0	−30	−31	−32	+31	−19	−65	+33	+18	1	0.56
31914	H	06 40 10.00	+67 19 24.6	7.98		H	100.041 665 27	+67.323 512 63	A	4.92	1.10	−22.70	0.87	0.88	1.20	0.90	0.92	+16	+12	−4	−8	+0	−2	+4	−5	+12	−10	1	0.87
31915		06 40 11.46	+13 02 51.8	8.46		H	100.047 746 77	+13.047 719 81		−0.44	−1.16	−1.03	1.12	0.68	1.24	1.11	0.84	−17	+44	−15	+11	+1	−19	−13	−21	−8	−29	0	−0.87
31916		06 40 12.89	+44 19 58.4	6.75		H	100.053 715 50	+44.332 901 42		6.78	18.38	−20.15	0.71	0.51	0.84	0.93	0.68	−2	+25	−7	−4	−12	+12	−7	−27	+10	+6	0	−0.42
31917		06 40 13.37	+10 26 28.7	8.76		H	100.055 709 30	+10.441 317 08		2.08	−0.65	−1.89	1.11	0.70	1.23	1.14	0.83	+4	+39	−16	−13	−5	−11	−10	−29	−8	+11	0	−1.44
31918		06 40 13.64	−43 53 10.4	8.52		H	100.056 823 75	−43.886 235 26		1.22	1.80	7.13	0.62	0.73	0.76	0.67	0.88	−8	+0	−4	+4	+5	+1	+1	−21	−4	−25	0	2.35
31919		06 40 15.16	−19 05 47.3	8.35		H	100.063 168 03	−19.096 465 41		5.02	−3.93	3.77	0.55	0.67	1.21	0.69	0.78	−7	+9	−16	+29	+25	+1	+20	−22	+14	−17	0	0.91
31920		06 40 15.37	−47 17 46.8	8.75		H	100.064 027 30	−47.296 330 17		0.36	1.18	4.02	0.68	0.71	0.78	0.88	0.82	+8	+5	−1	+3	−7	+16	−7	−6	−5	+2	0	1.90
31921		06 40 15.77	−04 27 40.8	7.23		H	100.065 703 11	−04.461 327 50		3.23	−6.36	0.84	0.76	0.52	0.91	0.84	0.67	−19	+36	−16	−10	−13	−12	−11	−31	+20	−27	0	2.50
31922		06 40 16.61	+79 35 58.1	6.74		G	100.069 192 19	+79.599 476 97		8.73	−2.44	15.74	0.45	0.48	0.60	0.50	0.55	+9	+23	−5	+13	+1	+2	+1	−17	−11	+19	1	−0.54
31923		06 40 17.31	+04 54 41.1	9.15		H	100.072 106 86	+04.911 409 82		−1.93	−3.11	1.09	1.38	0.77	1.54	1.17	0.94	−13	+58	−10	−34	−8	−36	−19	−52	−11	+3	0	−0.47
31924		06 40 17.49	−16 28 39.4	8.26		H	100.072 865 81	−16.477 624 60		2.02	−12.07	3.02	0.89	0.83	1.02	0.95	0.91	+34	−7	−29	−49	−22	−1	−27	−66	+32	+12	0	0.09
31925		06 40 18.86	−06 20 46.7	6.91	2	H	100.078 578 11	−06.346 302 58		3.53	14.11	11.24	0.74	0.56	0.97	0.85	0.80	−13	+31	−32	−20	−16	−22	−24	−26	+7	+19	0	1.30
31926		06 40 19.41	+46 36 22.7	9.31		H	100.080 875 76	+46.606 302 44		5.62	−16.68	−26.19	1.23	0.90	1.41	1.66	1.09	−23	+17	+6	+1	+5	−6	+6	−32	−7	−18	0	0.47
31927		06 40 19.77	+55 14 44.8	9.49		H	100.082 369 96	+55.245 764 60		3.05	−7.52	−1.57	1.09	0.89	1.35	1.30	1.00	+15	+17	+7	+27	+13	−12	+11	−3	+4	+5	0	−0.30
31928	H	06 40 21.30	+40 58 10.9	6.82		G	100.088 770 67	+40.969 706 38	A	8.30	−32.79	−4.00	1.91	1.36	1.62	1.72	1.12	+6	+20	−1	−20	+11	+2	+8	−35	+0	−36	0	0.26
31929		06 40 21.88	−59 07 23.6	7.77		G	100.091 181 15	−59.123 225 69		2.04	−5.77	9.49	0.52	0.50	0.55	0.56	0.53	+1	+1	−5	−6	−15	−6	−16	−10	+3	−18	0	0.48
31930		06 40 22.00	−03 22 09.2	8.35		H	100.091 648 34	−03.369 232 30		1.64	−2.10	−0.83	0.85	0.63	1.03	0.81	0.69	−25	+28	−23	−39	+2	−9	+2	−39	+11	−3	0	−0.63
31931		06 40 22.84	−82 22 50.6	10.35		G	100.095 186 06	−82.380 731 12		20.94	−65.82	281.74	2.43	2.58	2.72	2.87	2.86	−8	+12	+1	−6	+2	+16	+0	−23	+1	−21	3	
31932	H	06 40 24.18	−15 51 12.7	8.88		H	100.100 741 78	−15.853 516 49	A	2.95	−7.00	4.73	2.30	2.03	2.29	2.23	1.99	−12	+16	−22	−36	+24	−25	+19	−53	+31	−30	0	0.27
31933		06 40 24.84	+49 31 10.1	8.92		H	100.103 490 50	+49.519 478 68		4.13	−0.41	−18.86	0.91	0.71	1.09	1.20	0.92	+11	+25	−8	−12	−14	+6	−9	−25	+13	+23	0	0.47
*31934		06 40 25.16	+02 33 28.8	7.51	1	H	100.104 825 44	+02.558 012 23		5.93	−1.37	−13.06	0.90	0.53	0.98	0.83	0.66	−10	+33	+11	−36	−2	−12	+0	−62	−23	+13	0	0.75
*31935	H	06 40 25.12	−21 23 24.2	7.46		H	100.104 682 62	−21.390 065 02	A	4.89	−5.39	3.89	1.45	1.84	1.74	1.57	1.72	−21	+11	−17	+22	+11	−9	+9	−8	+1	−23	0	0.02
31936		06 40 25.62	−54 28 05.8	8.89		H	100.106 761 60	−54.468 267 15		1.41	−6.00	20.38	0.71	0.75	0.78	0.75	0.95	−2	+12	+2	+0	+7	+6	+3	−18	−15	−18	0	−0.87
31937		06 40 26.13	−41 14 29.0	9.33		H	100.108 883 43	−41.241 391 33		7.06	−9.95	39.02	0.75	0.89	0.96	0.84	1.14	−17	+8	−21	+12	−8	+12	−8	+14	−24	−15	0	0.38
31938		06 40 26.81	−28 13 38.3	9.46		G	100.111 714 22	−28.227 294 16		9.43	221.71	19.99	0.78	0.96	1.23	0.92	1.05	−5	+14	+11	+14	−19	−3	−19	+15	−8	−8	0	1.07
31939		06 40 28.59	+09 49 04.3	8.15		G	100.119 112 49	+09.817 862 74		2.92	−0.40	−5.01	1.09	0.69	1.23	1.22	0.84	−9	+37	−31	−5	+3	−9	+5	−26	−2	+22	0	0.17
31940		06 40 28.84	+77 59 44.9	5.75		H	100.120 155 19	+77.995 797 10		5.63	14.25	−6.02	0.38	0.41	0.53	0.40	0.45	+11	+12	−8	−1	+4	−1	+4	−13	−9	+23	0	1.77
31941		06 40 29.79	+22 54 44.8	9.21		H	100.124 125 30	+22.912 437 33		6.34	10.58	−27.95	1.86	0.82	2.03	1.42	0.99	−16	+73	−21	−2	−5	−6	+7	−28	+13	+7	0	−0.02
31942		06 40 30.00	−03 31 28.0	8.51	2	H	100.125 020 20	−03.524 450 04		1.79	−36.85	−20.01	3.12	2.14	3.52	3.05	2.58	−21	+30	−20	−40	−3	−9	−8	−41	+0	−8	0	
31943		06 40 30.99	+37 15 39.9	8.68		G	100.129 140 30	+37.261 089 89		3.70	−18.47	−24.67	1.01	0.73	1.28	1.38	0.90	+8	+13	−33	−21	−23	+20	−10	−57	+26	+28	3	−0.89
31944		06 40 31.39	+61 55 20.9	6.58		H	100.130 804 85	+61.922 483 82		9.41	−27.14	16.85	0.58	0.47	0.74	0.80	0.52	+22	+23	−7	+22	−2	+20	−1	−11	+7	+18	0	−2.20
31945		06 40 31.95	+06 22 16.5	6.51		G	100.133 116 12	+06.371 250 90		1.81	−2.71	−0.05	0.75	0.55	0.80	0.72	0.60	−16	+12	+0	−40	+13	+12	+14	−54	−19	−7	0	0.71
31946		06 40 32.24	+71 44 55.5	5.88		H	100.134 349 64	+71.748 759 88		4.92	4.23	10.70	0.32	0.45	0.60	0.35	0.45	+9	+16	−3	+9	+5	+9	+4	−25	−11	+15	0	0.88
31947		06 40 33.23	+71 42 00.8	8.91		H	100.138 441 12	+71.700 235 57		2.66	−4.79	−33.86	0.58	0.86	1.12	0.66	0.87	+11	+3	−1	+11	+7	+7	+7	−13	−6	+16	0	0.90
31948		06 40 33.61	−34 12 44.7	7.59		H	100.140 021 88	−34.212 430 27		9.58	−8.61	41.44	0.51	0.53	0.64	0.61	0.61	−2	+11	+7	+36	−7	+11	−8	+18	−1	−1	1	0.81
31949		06 40 34.57	−28 15 56.0	7.19		H	100.144 032 70	−28.265 565 76		5.79	24.24	−23.02	0.52	0.58	0.81	0.64	0.70	−0	+16	+3	+3	−15	−4	−23	+14	−20	+16	0	−0.37
31950	H	06 40 35.03	+17 38 27.0	7.73		G	100.145 944 72	+17.640 843 46	A	13.64	26.81	−62.17	1.55	1.15	1.51	1.76	1.18	−9	+15	−41	−39	−15	+2	−9	−53	+2	+24	1	0.38
31951		06 40 36.53	+10 23 31.1	8.81		G	100.152 203 96	+10.391 964 74		2.63	−0.65	−3.67	1.07	0.71	1.21	1.19	0.84	+5	+28	−18	−10	+0	−20	−5	−26	−14	+20	0	−1.17
31952		06 40 37.45	+03 22 25.0	7.80		H	100.156 021 05	+03.373 616 73		1.48	−3.73	1.40	0.92	0.58	1.01	0.93	0.75	−21	+36	−12	−15	+5	−4	+16	−58	+0	+6	3	−1.83
31953		06 40 38.18	+35 33 32.6	8.31		H	100.159 088 23	+35.559 047 55		8.23	−23.01	−16.63	0.92	0.52	1.05	1.05	0.61	+1	+43	+4	+10	−8	−16	−6	−32	−6	+9	0	−0.05
31954		06 40 40.55	+31 06 59.9	7.93		H	100.168 975 45	+31.116 648 40		2.93	−12.59	3.10	1.00	0.55	1.03	1.28	0.81	+18	+18	−1	+19	+8	−7	+16	−33	+13	+25	0	−0.58
31955		06 40 42.29	+09 39 21.3	7.96		H	100.176 224 60	+09.655 929 47		1.50	−0.97	−6.08	1.00	0.66	1.09	1.27	0.84	+10	+29	−28	−7	−7	+1	−2	−27	−2	+43	0	0.12
31956		06 40 42.52	+40 10 06.6	7.17		G	100.177 175 59	+40.168 513 52		13.01	−48.29	13.01	1.17	0.68	1.20	1.13	0.83	+17	+51	−8	−22	−1	+3	+7	−55	+19	+14	0	0.28
31957		06 40 43.90	−51 40 08.3	8.66		H	100.182 918 84	−51.668 968 56		11.40	28.06	−131.07	0.65	0.64	0.70	0.75	0.85	+0	+6	−5	−3	−3	−9	−2	+8	+7	−9	0	−2.19
31958		06 40 44.28	−32 46 41.7	7.69		H	100.184 510 66	−32.778 251 00		3.39	9.64	8.84	0.55	0.60	0.77	0.66	0.76	−1	+19	−3	+17	+7	+18	+6	+5	−7	−8	1	1.83
31959		06 40 46.09	−28 51 09.1	8.09		H	100.192 028 36	−28.852 524 94		3.05	−3.30	5.88	0.54	0.65	0.85	0.64	0.77	+0	+14	+3	+5	−18	+2	−18	+12	+0	+6	0	−1.77
31960		06 40 46.94	+33 01 31.9	7.74		H	100.195 569 87	+33.025 536 78		1.41	−6.13	−12.74	0.96	0.64	1.02	1.40	0.83	+36	+10	−24	−24	−57	+22	−41	−63	+31	+56	0	0.82
31961	H	06 40 47.36	+56 53 01.9	7.41		H	100.197 316 32	+56.883 850 82	*	1.23	5.21	−21.95	3.24	3.27	1.11	1.17	0.80	+70	−3	−15	−14	+7	−7	+4	−24	+13	+9	1	0.50
31962		06 40 47.45	−47 37 17.6	6.66		H	100.197 724 37	−47.621 545 19		4.21	−3.05	9.03	0.49	0.49	0.55	0.62	0.54	+2	−10	+2	−4	−12	+11	−11	+3	+6	−6	4	0.74
31963		06 40 47.54	+24 41 32.7	9.11		H	100.198 069 79	+24.692 427 37		4.46	6.19	−4.36	1.59	0.80	1.78	2.04	1.23	−5	+43	−24	+18	−7	+7	+23	−47	+35	+31	0	0.40
31964		06 40 47.70	+40 06 31.7	9.23		H	100.198 732 51	+40.108 811 40		8.36	−41.26	−95.01	1.28	0.91	1.43	1.84	1.13	−2	+15	−4	−26	−4	+26	+0	−55	+4	+9	0	0.61
31965		06 40 49.04	+51 58 44.5	7.60		H	100.204 336 48	+51.979 034 60		23.57	−0.34	−291.68	0.80	0.62	0.96	0.93	0.69	−37	+26	+1	−8	+52	+9	+46	−36	+3	−53	0	0.62
31966		06 40 49.47	−47 40 28.8	6.71		H	100.206 109 76	−47.674 661 51		3.20	3.12	−14.13	0.50	0.50	0.56	0.61	0.56	+5	−3	−4	−4	−11	+17	−10	+3	+5	+1	1	2.29
31967	H	06 40 50.72	+48 15 18.7	8.21		G	100.211 325 02	+48.255 185 54	A	9.74	14.88	−34.91	1.44	1.06	1.50	1.69	1.26	+36	+30	+25	−21	−17	−11	−14	−32	+7	+24	4	−0.12
31968		06 40 51.31	−44 24 55.1	8.68		H	100.213 803 68	−44.415 311 91		13.57	108.54	−62.31	0.67	0.76	0.80	0.67	0.97	−6	−13	+3	−12	+11	+1	+10	−28	−6	−20	0	0.70
31969		06 40 52.58	+30 12 41.1	8.22		H	100.219 069 46	+30.211 421 16		1.94	−2.67	−7.77	0.98	0.56	1.12	1.24	0.87	+9	+21	−10	+6	+3	−10	+5	−41	+32	−1	0	−0.96
31970		06 40 54.64	−38 19 36.4	8.87		H	100.227 652 43	−38.326 786 53		1.03	0.86	5.44	0.74	0.86	0.99	0.94	1.21	−11	+23	−22	+13	−4	−7	−3	+10	+11	−11	0	−1.83
31971	H	06 40 55.35	−36 28 24.5	9.21		H	100.230 613 61	−36.473 468 75	A	8.78	20.31	30.88	1.11	1.46	1.28	0.97	1.66	−29	+0	−17	−2	+5	+5	+7	+7	+8	−12	2	−0.22
31972		06 40 55.61	+34 57 31.7	9.37		H	100.231 712 90	+34.958 806 46		5.05	20.47	−32.78	1.13	0.74	1.35	1.41	0.87	−10	+30	−2	−11	−10	−2	+3	−54	+11	+10	0	−0.85
31973	H	06 40 55.65	−04 34 06.3	8.83	2	H	100.231 854 22	−04.568 412 53	A	4.59	−13.04	−12.38	2.78	1.87	2.88	2.58	2.29	−31	+44	−11	−44	+10	−42	−3	−43	+0	−36	3	3.94
31974		06 40 55.65	+46 21 22.9	9.38		H	100.231 868 98	+46.356 363 67		2.14	6.89	−3.11	1.24	0.83	1.35	1.64	1.04	+1	+23	+4	+8	−14	+0	−15	−29	−4	−4	2	−1.56
31975		06 40 56.69	+23 10 30.0	8.76		H	100.236 191 67	+23.174 991 00		−0.91	1.98	−3.10	1.47	0.69	1.57	1.38	0.86	+2	+60	−9	+8	−12	−1	−2	−29	+7	+23	3	−1.03
31976		06 40 57.31	−12 10 56.1	6.92		H	100.238 783 17	−12.182 256 82		−0.60	−0.91	−0.98	0.69	0.56	0.87	0.84	0.71	−17	+33	−28	+8	−19	+5	−10	−22	+29	−19	0	0.21
31977		06 40 57.56	−71 46 30.3	6.50		H	100.239 843 60	−71.775 093 20		7.53	22.13	−40.85	0.48	0.47	0.51	0.55	0.56	−8	+21	+7	−10	+0	+11	−1	−9	−5	−30	0	−0.76
31978	H	06 40 58.66	+09 53 44.7	4.66	1	G	100.244 421 01	+09.895 760 21	A	3.19	−0.66	−2.51	0.73	0.52	0.73	0.78	0.57	−1	+32	−23	−18	−8	−7	−9	−30	−2	+13	1	−0.82
31979		06 40 59.48	+56 05 57.6	7.18		H	100.247 841 00	+56.099 326 33		4.24	7.99	−15.77	0.86	0.61	0.97	0.92	0.61	−6	+28	−28	+31	+24	−5	+25	−16	+10	+6	0	0.93
31980		06 40 59.61	+64 59 12.8	7.38		H	100.248 388 79	+64.986 898 38		3.52	−10.91	0.97	0.57	0.59	0.90	0.63	0.68	−8	+10	−20	−12	−21	−4	−17	−9	+25	−29	0	0.68
31981		06 40 59.82	−30 33 09.6	8.66		H	100.249 256 60	−30.552 677 83		0.46	4.17	3.20	0.62	0.71	0.91	0.70	0.87	+3	−7	+4	+27	−4	+10	−5	+20	−9	+1	0	1.32
31982		06 40 59.98	+25 19 25.4	7.62	2	H	100.249 896 92	+25.323 724 92		3.22	25.47	−13.86	1.12	0.55	1.10	1.70	0.89	+9	+18	−23	+46	+13	−11	+31	−27	+25	+34	0	2.31
31983		06 41 00.48	+67 04 23.5	9.09		H	100.252 009 12	+67.073 186 47		3.84	2.89	−20.56	0.73	0.69	1.09	0.79	0.84	+12	+18	−5	−36	−8	−3	−2	−26	+15	−18	1	0.30
31984		06 41 01.72	+74 03 01.7	8.28		G	100.257 175 94	+74.050 486 06		8.46	−21.61	2.31	0.55	0.63	0.86	0.60	0.70	+10	+14	+0	+3	+4	+14	+5	−1	+2	+14	1	−0.60
31985		06 41 01.85	−07 34 21.5	6.84		H	100.257 726 16	−07.572 633 78		2.91	−2.40	3.19	0.70	0.49	0.83	0.75	0.66	+6	+39	−12	−37	−24	−16	−28	−34	−2	+32	0	0.55
31986		06 41 02.72	−25 55 02.3	8.48		H	100.261 326 48	−25.917 294 37		3.37	−2.50	2.45	0.55	0.75	1.02	0.68	0.78	−16	−1	+2	+0	−10	+7	−9	−4	+12	−21	0	−0.18
31987		06 41 03.26	+20 38 43.7	7.40		H	100.263 586 04	+20.645 469 69		6.31	1.46	5.95	0.98	0.57	1.02	1.04	0.79	+2	+50	+5	+20	−2	−8	−3	−3	+4	−13	0	0.81
31988		06 41 03.78	+31 21 05.8	8.40		H	100.265 769 02	+31.351 613 05		2.55	−7.85	−12.73	1.20	0.64	1.32	1.35	0.88	−8	+47	−13	+16	+0	−8	+16	−25	+25	+7	0	−0.60
31989		06 41 04.29	+53 23 54.5	7.50	2	H	100.267 876 08	+53.398 461 63		5.61	−4.07	9.01	0.75	0.54	0.90	0.83	0.65	−2	+35	−3	+29	+23	−2	+24	+13	+18	−20	0	1.24
31990		06 41 04.47	−48 28 33.4	9.94		H	100.268 611 68	−48.475 936 34		7.82	−30.74	148.33	1.07	1.05	1.16	1.18	1.13	+7	−5	+1	−26	−10	+10	−9	−2	−2	+3	2	0.48
31991		06 41 04.51	−71 07 32.8	7.99		H	100.268 784 86	−71.125 764 27		4.35	−11.88	−5.72	0.70	0.66	0.69	0.82	0.77	−8	+11	+7	−27	−2	+15	−1	−21	−4	−30	0	−1.49
31992	H	06 41 05.45	+00 29 43.2	5.79		G	100.272 687 82	+00.495 335 40	*	2.82	−7.48	−5.04	0.75	0.47	0.80	0.80	0.60	+12	+31	−23	−47	−28	−12	−30	−52	−1	+44	0	0.45
31993		06 41 07.81	−30 38 44.2	7.23		G	100.282 547 21	−30.645 624 65		5.34	−14.26	9.99	0.44	0.50	0.64	0.50	0.57	+1	−3	+3	+30	−12	+14	−13	+27	−9	−2	0	0.06
31994		06 41 08.73	+01 10 52.0	8.50		H	100.286 367 64	+01.181 124 48	A	4.64	2.80	4.81	3.19	2.03	2.42	2.96	2.29	+7	+0	−31	−50	−14	+1	−23	−57	+15	−3	0	−0.15
31995		06 41 09.42	+39 14 04.1	7.25		G	100.289 233 33	+39.234 472 05		5.45	8.86	6.01	0.98	0.60	1.09	1.05	0.72	+11	+45	−4	−30	−14	−12	−8	−56	+12	+13	0	−0.10
31996	H	06 41 09.42	+08 59 05.2	6.53		H	100.289 234 59	+08.984 771 01	A	4.20	−2.30	−19.45	1.86	1.11	1.61	1.80	1.20	−11	+38	−12	−35	−9	−18	−19	−33	−23	+38	5	0.09
31997		06 41 09.74	+32 24 59.9	8.29		H	100.290 587 70	+32.416 646 56		1.10	3.55	−11.37	1.16	0.76	1.19	1.79	1.13	+44	+16	−21	−30	−52	+21	−37	−65	+31	+63	0	−0.77
31998		06 41 09.89	+01 10 47.6	11.57		H	100.291 215 61	+01.179 878 48	B	4.64	2.80	4.81	80.98	44.82	2.42	2.96	2.29	−23	−5	+3	+9	+1	+1	+6	+2	+15	−3	0	−0.15
31999		06 41 10.08	−07 59 35.8	7.90		G																							
32000		06 41 10.25	−07 59 26.1	7.90		H																							

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
31901	9.075	0.013	9.196	0.018		−0.090	0.015	G	−0.07	0.02	H	9.1867	0.0021	0.023	153		9.14	9.23					1							
31902	10.151	0.029	8.484	0.014		1.393	0.025	T	1.37	0.03	L	8.4769	0.0019	0.013	75		8.46	8.50		C			1							
31903	7.905	0.012	7.451	0.010		0.402	0.015	G	0.47	0.02	H	7.5232	0.0023	0.012	47		7.50	7.54					1							S
31904	7.748	0.007	7.639	0.007		0.091	0.015	G	0.10	0.02	H	7.6653	0.0008	0.009	128		7.65	7.69					1							S
31905	11.965	0.199	10.611	0.094		1.147	0.172	T	1.11	0.16	L	10.6754	0.0423	0.291	60		10.39	11.01	2.71	P 1 A			1 S							G
31906	8.471	0.012	8.514	0.015	*	−0.060	0.001	G	−0.04	0.00	H	*	8.5243	0.0058	0.028	78	*	8.49	8.57	1.03	P 1 A	06401−1019	H 1	2 C B	AB	289	0.444	0.058	3.34	0.31	
31907	10.270	0.029	9.540	0.024		0.645	0.005	G	0.71	0.00	H		9.6393	0.0027	0.021	106		9.61	9.67					1 X							
31908	9.731	0.030	8.440	0.018		1.098	0.027	T	1.06	0.03	L		8.4734	0.0024	0.021	52		8.44	8.50					1							
31909	8.988	0.020	8.894	0.025		0.092	0.030	T	0.10	0.03	L		8.9622	0.0023	0.016	48		8.93	8.98					1							
31910	10.954	0.049	10.111	0.037	B	0.757	0.046	T	0.80	0.03	L		10.3717	0.0140			B				D	06401+3343	I 2	1 C I B							
31911	8.163	0.008	8.119	0.010		0.045	0.012	T	0.06	0.01	L		8.1471	0.0014	0.017	99		8.12	8.18		C			1							
31912	9.775	0.028	9.587	0.035		0.180	0.042	T	0.20	0.05	L		9.6943	0.0037	0.021	58		9.66	9.73		C			1							G
31913	10.554	0.035	10.108	0.036	A	0.421	0.046	T	0.49	0.05	L		10.3674	0.0139	0.041	124	A	10.27	10.43		D	06401+3343	I 2	1 C P B							G
31914	7.976	0.010	7.943	0.015	*	0.035	0.017	T	0.05	0.01	L	*	7.9949	0.0013	0.015	159	*	7.97	8.03		D	06402+6719	I 1	2 C A	AB	93	3.571	0.011	2.67	0.06	S
31915	10.608	0.051	8.635	0.018		1.636	0.043	T	1.66	0.04	L		8.5730	0.0025	0.014	51		8.56	8.60		C			1							
31916	8.062	0.009	6.860	0.006		1.029	0.008	T	1.00	0.01	L		6.9201	0.0009	0.007	82		6.91	6.93					1							S
31917	8.599	0.016	8.745	0.021		−0.126	0.023	T	−0.12	0.03	L		8.7170	0.0045	0.025	62		8.68	8.75					1							
31918	9.755	0.019	8.622	0.013		0.975	0.018	T	0.96	0.01	L		8.6806	0.0018	0.017	115		8.65	8.70		C			1							
31919	8.612	0.010	8.377	0.011		0.219	0.015	T	0.24	0.02	L		8.4160	0.0011	0.016	144		8.39	8.44		C			1 S							S
31920	10.491	0.034	8.927	0.016		1.312	0.030	T	1.27	0.04	L		8.9089	0.0016	0.013	97		8.88	8.93		C			1							
31921	9.270	0.016	7.409	0.007		1.547	0.014	T	1.61	0.03	L		7.3436	0.0017	0.012	97		7.32	7.36			06403−0428	I 1	1							
31922	6.816	0.004	6.741	0.005		0.066	0.003	G	0.08	0.00	H		6.7685	0.0007	0.008	135		6.76	6.79		C			1							S
31923	9.044	0.016	9.129	0.022		−0.073	0.025	T	−0.05	0.03	L		9.1304	0.0022	0.018	72		9.09	9.15					1							
31924	10.341	0.033	8.456	0.013		1.566	0.028	T	1.58	0.03	L		8.3838	0.0015	0.015	122		8.35	8.41		D			1							
31925	9.028	0.016	7.134	0.007		1.607	0.014	T	2.36	0.04	O		6.9495	0.0041	0.036	81		6.90	7.04		U 2			1 S							S
31926	9.804	0.023	9.341	0.023		0.436	0.030	T	0.50	0.03	L		9.4047	0.0034	0.022	76		9.36	9.45		C			1							
31927	10.868	0.063	9.685	0.036		1.014	0.057	T	0.99	0.05	L		9.6550	0.0034	0.021	84		9.61	9.69					1							
31928	7.375	0.007	6.898	0.008	*	0.471	0.015	G	0.54	0.02	H	*	6.9272	0.0010	0.009	88	*	6.91	6.95		D	06404+4058	I 1	2 C A	AB	317	0.483	0.004	0.90	0.01	S
31929	7.640	0.006	7.756	0.008		−0.094	0.002	G	−0.08	0.00	H		7.7476	0.0009	0.010	116		7.73	7.77		C			1							S
31930	8.299	0.008	8.346	0.010		−0.042	0.015	G	−0.02	0.01	H		8.3480	0.0016	0.016	116		8.32	8.38					1 S							
31931	11.727	0.103	10.415	0.046		1.086	0.009	G	1.16	0.01	I		10.4772	0.0028	0.030	109		10.41	10.51					1 X S							G
31932	9.257	0.013	8.944	0.014	*	0.299	0.020	T	0.34	0.03	L	*	8.9501	0.0023	0.023	148	*	8.91	8.99		D	06404−1551	I 1	2 C A	AB	308	0.491	0.004	0.82	0.02	
31933	9.153	0.015	8.928	0.017		0.215	0.021	T	0.24	0.02	L		8.9879	0.0019	0.015	80		8.96	9.02		C			1							
31934	7.506	0.005	7.518	0.007		−0.006	0.008	T	0.01	0.01	L		7.5178	0.0020	0.015	105		7.50	7.54	0.67	P 1 A			1							S
31935	7.761	0.006	7.505	0.007	*	0.244	0.008	T	0.27	0.01	L	*	7.5305	0.0014	0.013	115	*	7.51	7.55		D	06404−2123	I 1	2 C A	AB	338	0.444	0.003	0.35	0.02	S
31936	10.907	0.047	9.048	0.018		1.545	0.040	T	1.61	0.09	L		9.0036	0.0017	0.017	100		8.97	9.04					1							
31937	9.872	0.021	9.377	0.020		0.477	0.022	T	0.55	0.02	L		9.4316	0.0023	0.017	109		9.40	9.46		C			1							
31938	10.137	0.025	9.491	0.023		0.550	0.015	G	0.62	0.01	H		9.5781	0.0029	0.026	157		9.51	9.62					1							
31939			8.004	0.015		−0.143	0.015	G	−0.14	0.02	H		8.1004	0.0014	0.017	57		8.08	8.12		C			1							P
31940	7.690	0.005	5.904	0.003		1.488	0.005	T	1.51	0.01	L		5.8765	0.0008	0.009	174		5.86	5.89					1							S
31941	9.749	0.030	9.304	0.030		0.420	0.039	T	0.49	0.04	L		9.3028	0.0022	0.016	47		9.28	9.38					1							
31942	9.125	0.014	8.647	0.014		0.450	0.018	T	0.52	0.02	L		8.6050	0.0054	0.045	104		8.52	8.68		U 2			1 X S							
31943	9.185	0.014	8.719	0.014		0.405	0.015	G	0.47	0.02	H		8.7911	0.0017	0.013	93		8.77	8.82		C			1							
31944	6.766	0.005	6.603	0.006		0.156	0.007	T	0.17	0.01	L		6.6344	0.0010	0.009	104		6.62	6.65		C			1							S
31945	6.341	0.006	6.481	0.006		−0.139	0.007	G	−0.13	0.01	H		6.4604	0.0011	0.007	63		6.45	6.48					1							S
31946	7.451	0.004	6.000	0.003		1.223	0.004	T	1.18	0.00	L		6.0418	0.0006	0.007	228		6.03	6.05					1							S
31947	9.275	0.010	8.930	0.011		0.327	0.014	T	0.38	0.02	L		8.9903	0.0021	0.025	213		8.95	9.03					1							
31948	7.954	0.008	7.614	0.007		0.329	0.012	T	0.38	0.02	L		7.6720	0.0012	0.011	130		7.65	7.69		C			1							S
31949	8.384	0.009	7.310	0.006		0.930	0.008	T	0.92	0.01	L		7.3537	0.0011	0.012	155		7.34	7.37		C			1 G							S
31950	8.418	0.019	7.877	0.015	A	0.529	0.015	G	0.60	0.02	H	*	7.8596	0.0015	0.010	49	*	7.84	7.88		D	06406+1738	I 1	2 C A	AB	175	5.208	0.010	2.53	0.05	S
31951	8.681	0.018	8.810	0.025		−0.092	0.005	G	−0.07	0.01	H		8.7864	0.0020	0.021	65		8.76	8.82					1							
31952	9.640	0.018	7.941	0.009		1.419	0.016	T	1.40	0.03	L		7.9398	0.0014	0.014	101		7.92	7.96					1							
31953	8.712	0.010	8.350	0.011		0.353	0.015	G	0.41	0.02	H		8.3947	0.0013	0.013	105		8.38	8.41		C			1							
31954	9.515	0.020	8.060	0.011		1.227	0.018	T	1.19	0.02	L		8.0948	0.0014	0.012	87		8.08	8.11		C			1							
31955	7.729	0.012	7.934	0.014		−0.162	0.008	G	−0.17	0.01	H		7.9042	0.0019	0.013	55		7.88	7.92		C			1							
31956	7.920	0.011	7.224	0.008		0.626	0.015	G	0.69	0.01	H		7.2963	0.0011	0.011	85		7.28	7.32		C			1 G							S
31957	9.231	0.014	8.734	0.013		0.479	0.015	T	0.55	0.02	L		8.7630	0.0015	0.014	118		8.74	8.79					1							
31958	8.993	0.013	7.801	0.008		1.021	0.012	T	0.99	0.01	L		7.8591	0.0013	0.011	123		7.84	7.88		C			1							
31959	7.939	0.007	8.070	0.009		−0.112	0.010	T	−0.10	0.01	L		8.0570	0.0012	0.015	144		8.03	8.09					1							S
31960	7.798	0.007	7.733	0.008		0.065	0.010	T	0.07	0.01	L		7.7630	0.0013	0.011	110		7.75	7.79		C			1							S
31961	7.467	0.007	7.417	0.011	*	0.051	0.012	T	0.06	0.01	L	*	7.4296	0.0013	0.010	75	*	7.41	7.44		D	06408+5653	H 1	2 C A	AB	242	0.208	0.024	1.83	0.20	S
31962	6.477	0.004	6.624	0.005		−0.143	0.010	G	−0.14	0.02	A		6.6132	0.0009	0.007	96		6.60	6.63		C			1							S
31963	10.498	0.045	9.164	0.025		1.132	0.040	T	1.10	0.04	L		9.2777	0.0023	0.021	75		9.25	9.30		C			1							
31964	9.975	0.041	9.276	0.035		0.644	0.044	T	0.71	0.04	L		9.3620	0.0024	0.018	81		9.32	9.38					1							
31965	8.397	0.010	7.664	0.009		0.672	0.011	T	0.73	0.01	L		7.7362	0.0013	0.012	101		7.72	7.75					1							S
31966	8.794	0.013	6.906	0.006		1.601	0.012	G	2.02	0.05	F		6.7880	0.0014	0.011	96		6.77	6.81					1							S
31967	8.771	0.018	8.210	0.016	*	0.543	0.015	G	0.62	0.01	H	*	8.3398	0.0017	0.014	75	*	8.32	8.37		D	06408+4814	I 1	2 C A	AB	57	6.483	0.010	1.94	0.04	S
31968	9.389	0.016	8.738	0.014		0.626	0.003	G	0.68	0.02	A		8.8070	0.0016	0.016	109		8.78	8.84		C			1							
31969	8.177	0.011	8.204	0.014		−0.020	0.016	T	0.00	0.01	L		8.2218	0.0019	0.016	88		8.20	8.25					1							S
31970	10.380	0.030	9.023	0.017		1.150	0.027	T	1.11	0.02	L		9.0378	0.0021	0.016	96		9.01	9.06					1							
31971	9.970	0.023	9.315	0.020	*	0.599	0.022	T	0.67	0.02	L	*	9.3354	0.0022	0.018	126	*	9.30	9.37		C	06409−3628	H 1	2 C D	AB	140	0.498	0.097	3.96	0.38	D
31972	9.943	0.023	9.416	0.022		0.495	0.029	T	0.57	0.03	L		9.4757	0.0017	0.020	109		9.44	9.51		C			1							
31973	9.345	0.019	8.962	0.020	A	0.353	0.072	G	0.47	0.07	L	*	8.9171	0.0064	0.050	95	*	8.85	9.00		U 2	06409−0434	H 1	2 C D	AB	170	3.092	0.029	2.65	0.20	D
31974	9.587	0.022	9.428	0.026		0.153	0.032	T	0.17	0.03	L		9.4381	0.0023	0.023	80		9.39	9.50		C			1							
31975	8.748	0.018	8.745	0.023		0.007	0.027	T	0.03	0.03	L		8.7656	0.0025	0.015	56		8.74	8.79		C			1							
31976	6.972	0.006	6.927	0.006		0.046	0.008	T	0.06	0.01	L		6.9414	0.0012	0.010	73		6.93	6.96		C			1							S
31977	7.920	0.007	6.624	0.004		1.110	0.015	G	1.05	0.04	E		6.6645	0.0007	0.007	115		6.65	6.68		C	06410−7147	I 1	1							S
31978	4.371	0.005	4.635	0.005	A	−0.233	0.005	G	−0.22	0.02	A	*	4.5554	0.0030	0.015	56	*	4.53	4.57		U 2	06410+0953	I 1	2 C A	AB	213	2.909	0.012	3.33	0.06	S W
31979	8.449	0.012	7.282	0.008		1.001	0.011	T	0.98	0.01	L		7.3424	0.0015	0.011	81		7.32	7.36		C			1							S
31980	8.610	0.010	7.473	0.007		0.978	0.010	T	0.96	0.01	L		7.5423	0.0011	0.012	143		7.52	7.57					1							S
31981	10.425	0.028	8.806	0.013		1.356	0.024	T	1.32	0.03	L		8.8136	0.0016	0.017	147		8.78	8.85					1							
31982	9.708	0.022	7.840	0.010		1.585	0.020	T	2.39	0.06	O		7.6488	0.0086	0.058	87		7.58	7.73		U 2			1 S							
31983	9.204	0.013	9.097	0.016		0.104	0.019	T	0.12	0.02	L		9.1259	0.0018	0.017	156		9.09	9.15		C			1							
31984	8.636	0.009	8.313	0.009		0.330	0.015	G	0.38	0.02	H		8.3608	0.0019	0.019	170		8.33	8.39					1							S
31985	8.830	0.013	6.977	0.006		1.541	0.011	T	1.60	0.02	L		6.9520	0.0007	0.007	89		6.94	6.97		C			1							S
31986	8.550	0.009	8.484	0.011		0.060	0.013	T	0.07	0.01	L		8.5076	0.0018	0.019	153		8.48	8.55					1							S
31987	8.648	0.030	7.538	0.020		0.957	0.028	T	0.94	0.02	L		7.5672	0.0019	0.010	51		7.55	7.60		C	06411+2039	I 1	1							S
31988	9.636	0.024	8.483	0.015		0.990	0.022	T	0.97	0.02	L		8.5669	0.0013	0.012	91		8.54	8.59		D			1							S
31989	8.135	0.010	7.571	0.008		0.528	0.011	T	0.60	0.01	L		7.6126	0.0048	0.030	99		7.56	7.66		U 2			1							S
31990	10.781	0.048	9.978	0.038		0.711	0.047	T	0.77	0.04	L		10.0828	0.0025	0.025	96		10.04	10.12		C			1							G
31991	9.356	0.018	8.097	0.011		1.073	0.016	T	1.04	0.01	L		8.1535	0.0015	0.012	88		8.13	8.17					1							
31992	5.656	0.003	5.769	0.003	*	−0.094	0.007	G	−0.08	0.01	H	*	5.7558	0.0005	0.004	110	*	5.75	5.76		D	06411+0030	H 1	2 C S B	AB	312	0.187	0.083	2.73	0.36	S
31993	7.154	0.005	7.220	0.006		−0.055	0.004	G	−0.03	0.00	H		7.2200	0.0007	0.009	148		7.20	7.24					1							S
31994	9.702	0.031	8.591	0.021	A	0.958	0.029	T	0.95	0.02	L		8.6588	0.0189	0.027	97	A	8.61	8.71		D	06411+0111	I 2	1 C P D							D
31995	8.610	0.011	7.355	0.007		1.060	0.015	G	1.03	0.01	H		7.4136	0.0015	0.012	91		7.39	7.43		C			1 G							S
31996	7.281	0.011	6.581	0.008	*	0.645	0.011	T	0.71	0.01	L	*	6.6714	0.0017	0.008	42	*	6.66	6.69		D	06412+0859	I 1	2 C A	AB	330	7.161	0.004	0.52	0.02	S
31997	10.042	0.032	8.434	0.015		1.347	0.028	T	1.31	0.03	L		8.4463	0.0025	0.013	83		8.43	8.47					1							
31998											T		11.3985	0.2071			B				D	06411+0111	I 2	1 C F D							D
31999						−0.090	0.015	G	−0.07	0.02	H		7.8928	0.0047	0.047	74		7.86	8.18		D	06412−0800	I 2	S							S G
32000						0.100	0.495	G	−0.01	0.12	L		7.8972	0.0064	0.066	74		7.87	8.12		D	06412−0800	I 2	S							Y

Number HIP	Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag		Position: epoch J1991.25 α (ICRS) deg	δ deg	Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ	Standard Errors α* mas	δ	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ	Astrometric Correlations (%)	Soln F1 %	F2
1 2	3	4	5	6 7	8	9 10	11	12	13	14	15	16	17	18	19 20 21 22 23 24 25 26 27 28	29	30
32001	06 41 10.35	+61 08 09.6	11.47	H	100.293 110 21	+61.136 005 68	23.86	−77.18	−209.27	2.55	2.43	3.54	2.81	2.34	−18 +38 −30 + 8 +26 −14 +21 −19 − 7 +10	9	0.04
32002	06 41 10.95	−34 30 38.1	7.33	H	100.295 623 15	−34.510 576 77	4.17	24.12	−61.56	0.47	0.51	0.63	0.54	0.59	+ 3 +10 − 9 +14 − 6 +12 − 6 +12 − 8 + 4	0	0.73
32003	06 41 11.65	+24 39 21.8	8.47	H	100.298 536 69	+24.656 049 72	3.15	−10.92	−12.41	1.32	0.73	1.50	2.33	1.31	+16 +20 −37 +20 −38 +27 + 6 −60 +47 +67	4	0.45
32004	06 41 12.69	+24 05 03.4	8.66	H	100.302 880 92	+24.084 289 12	1.77	−5.11	−2.49	1.45	0.73	1.52	1.83	1.03	+21 +31 − 8 − 3 −23 +11 − 4 −52 +16 +50	0	1.06
32005	06 41 13.19	+18 34 34.9	8.90	H	100.304 972 10	+18.576 348 63	4.04	1.37	0.19	1.25	0.86	1.44	1.61	1.18	+ 5 +31 −45 −11 −36 +16 −19 −44 +29 +40	0	0.69
32006	06 41 14.14	+04 08 41.7	7.92	G	100.308 937 45	+04.144 909 37	6.19	−8.50	−38.60	0.88	0.55	1.01	0.98	0.75	− 9 +38 −12 − 9 − 9 −19 + 4 −55 − 2 +26	3	0.17
32007	06 41 14.17	−40 20 59.5	6.16	H	100.309 056 81	−40.349 873 12 A	3.08	−5.68	10.64	0.49	0.56	0.56	0.48	0.67	+ 8 + 1 −23 − 6 − 2 +20 − 1 +24 + 0 +17	1	0.49
32008	06 41 14.25	−06 38 19.5	8.63	H	100.309 372 96	−06.638 738 32	3.16	3.06	−3.11	1.09	0.78	1.42	1.38	1.08	−32 +45 −39 − 4 −19 − 2 − 8 −26 +19 + 4	0	0.11
32009	06 41 14.55	+14 51 02.7	9.63	H	100.310 611 84	+14.850 753 40	18.44	177.06	−184.03	1.63	1.00	2.10	2.38	1.55	− 3 +28 −19 −10 + 7 −50 + 5 −39 −33 +44	0	−1.28
32010	06 41 15.58	+23 57 30.2	8.08	H	100.314 916 11	+23.958 387 94	57.07	206.01	−276.84	1.22	0.64	1.37	1.51	0.88	+ 5 +34 −17 + 5 −15 +24 +11 −50 +28 +43	0	−0.95
32011	06 41 15.93	−64 21 34.6	8.29	H	100.316 393 06	−64.359 613 68	15.15	24.57	−20.55	0.63	0.63	0.65	0.68	0.74	+ 4 + 5 + 9 +10 −20 +17 −24 + 5 + 4 − 6	1	0.63
32012	06 41 17.22	+11 00 11.4	6.19	2 H	100.321 738 64	+11.003 179 22	1.28	4.99	7.49	0.83	0.54	0.93	0.81	0.61	+ 2 +42 −13 −11 − 1 −12 − 9 −25 −16 + 9	0	1.13
32013	06 41 18.13	−40 17 34.2	7.78	G	100.325 528 92	−40.292 834 43	4.62	−2.82	−3.38	0.50	0.60	0.64	0.53	0.80	+ 8 + 7 −14 − 5 − 4 +19 − 8 +35 − 5 +17	0	−1.20
32014	06 41 18.51	+29 42 49.2	7.05	H	100.327 127 97	+29.713 676 43	5.17	5.28	−30.64	0.90	0.51	0.98	1.15	0.76	+13 +26 − 6 +10 + 6 + 8 + 9 −40 +19 + 9	0	1.09
32015	06 41 18.89	+82 16 03.8	9.30	3 H	100.328 724 49	+82.267 710 59	11.77	41.58	−152.91	0.84	0.87	1.07	0.95	1.17	+22 +26 + 8 −15 − 5 + 0 − 7 + 4 − 5 +26	0	0.10
32016	06 41 19.18	+19 58 00.6	8.21	H	100.329 926 82	+19.966 833 85	3.53	3.39	5.96	1.07	0.65	1.13	1.28	0.96	−11 +48 − 5 +10 + 5 − 1 + 4 −29 − 4 − 6	0	−0.08
32017	06 41 19.85	−52 41 49.9	7.67	G	100.332 719 22	−52.697 206 20	6.39	−14.74	−20.63	0.61	0.55	0.62	0.65	0.64	−10 +10 − 8 −24 + 1 +14 + 4 −22 +10 −20	3	−0.33
32018	06 41 20.65	−22 12 49.9	8.61	H	100.336 046 21	−22.213 848 42	7.56	−0.08	−20.19	0.50	0.75	1.12	0.56	0.77	− 2 + 7 − 4 +17 −37 + 5 −32 − 2 + 0 +14	3	0.57
32019	06 41 20.90	+28 11 47.9	6.45	H	100.337 072 87	+28.196 644 31	2.31	0.58	−2.49	0.93	0.53	0.98	1.13	0.72	+ 3 +26 +11 − 8 +14 +24 +20 −60 + 4 +12	0	−0.15
32020	06 41 21.94	+16 23 51.6	6.28	G	100.341 434 69	+16.397 660 33	4.15	−4.72	−4.24	0.75	0.48	0.83	0.77	0.56	−16 +44 −29 −10 − 7 −11 − 8 −31 −11 +22	0	1.47
32021	06 41 22.04	+65 04 03.1	8.97	H	100.341 843 09	+65.067 524 07	4.23	−2.57	−3.40	0.74	0.84	1.24	0.85	0.99	− 1 + 1 −25 −17 −21 + 3 −21 −25 +26 −28	0	1.01
32022	06 41 22.42	−07 10 07.4	6.96	H	100.343 435 99	−07.168 717 97	1.80	−5.78	4.61	0.71	0.53	0.87	0.72	0.67	− 2 +37 −16 −30 −14 −12 −19 −40 −13 +21	0	0.41
32023	06 41 22.89	+18 55 59.8	8.58	H	100.345 381 68	+18.933 289 55	2.17	−9.78	5.81	1.17	0.77	1.33	1.56	1.12	+ 5 +23 −38 − 5 −30 +19 −16 −45 +31 +28	3	0.64
32024	06 41 23.27	−02 20 58.9	7.69	H	100.346 974 32	−02.349 690 77	13.91	66.40	−136.86	0.76	0.53	0.98	0.91	0.76	−22 +25 −24 −26 − 6 −18 − 9 −35 − 1 + 9	0	0.78
32025	06 41 23.33	+08 28 10.1	9.78	G	100.347 209 43	+08.469 470 75	2.37	1.85	−7.95	1.49	0.98	1.71	1.65	1.27	−14 +29 −13 −21 + 7 −15 − 1 −35 −22 − 4	0	0.57
32026	06 41 24.03	−20 50 53.2	8.64	H	100.350 130 97	−20.848 115 33	5.77	1.88	−20.19	0.77	0.78	1.19	1.03	0.99	+ 1 +14 −20 +41 + 4 − 6 + 6 − 6 +24 + 1	0	−0.65
32027	06 41 25.87	+00 57 26.2	7.43	H	100.357 795 73	+00.957 272 23	2.29	−6.94	−2.03	0.89	0.55	0.95	0.96	0.72	+ 6 +26 −26 −43 −23 − 2 −20 −55 + 9 +30	0	1.07
32028	06 41 25.92	−27 35 13.4	7.96	H	100.357 979 52	−27.587 063 10	4.54	8.69	11.23	0.53	0.70	0.87	0.61	0.79	−10 + 2 − 2 + 3 −21 − 1 −21 +28 −13 − 8	0	0.03
32029 H	06 41 26.03	−11 18 44.5	8.04	H	100.358 454 05	−11.312 355 64 A	8.93	2.15	−10.91	1.15	0.94	1.33	1.35	1.18	−30 +42 −21 −18 + 9 − 8 +12 −32 +14 −32	0	0.30
32030	06 41 27.31	+09 51 14.4	7.52	H	100.363 772 51	+09.854 008 94	3.03	−1.82	−4.48	0.90	0.58	0.99	1.09	0.73	− 1 +27 −29 + 3 − 1 − 4 + 7 −26 + 1 +37	2	−0.18
32031	06 41 27.49	−24 22 59.0	8.28	G	100.364 521 91	−24.383 065 07	3.08	−3.39	7.02	0.47	0.62	0.88	0.57	0.74	− 2 + 5 −19 +12 −19 +10 −17 − 1 + 1 − 1	0	0.60
32032	06 41 28.71	+68 38 50.4	8.26	H	100.369 609 95	+68.647 327 04	2.87	−25.25	−9.63	0.52	0.68	0.89	0.56	0.80	+26 +10 + 4 −25 − 7 −13 − 6 −34 − 8 +26	1	0.39
32033	06 41 29.18	−13 56 45.5	8.06	H	100.371 568 28	−13.945 969 96	2.03	−8.33	1.38	0.91	0.67	1.14	1.18	0.92	−10 +35 −17 −18 − 1 −21 + 6 −21 +30 −27	2	0.75
32034	06 41 29.83	+06 06 39.0	7.00	H	100.374 282 20	+06.110 826 16	0.11	−2.10	−0.44	0.81	0.57	0.91	0.86	0.72	−14 +15 +13 −14 +14 + 4 +20 −53 −28 + 8	0	−0.23
32035 H	06 41 30.05	−65 28 06.6	7.89	G	100.375 194 37	−65.468 490 56 A	15.94	−10.86	−73.64	1.08	0.85	0.80	0.92	0.85	− 3 − 7 +15 − 4 −12 +12 − 9 +14 +24 −17	1	0.65
32036	06 41 30.31	−12 55 49.2	8.72	H	100.376 293 07	−12.930 331 10	−0.06	−8.04	2.79	0.97	0.80	1.21	1.16	0.91	−25 +35 −43 −12 −21 +14 − 6 −23 +22 −17	0	0.61
32037	06 41 30.78	−20 19 03.2	6.88	H	100.378 266 23	−20.317 546 35	6.75	58.38	−30.33	0.47	0.54	0.81	0.61	0.65	− 5 +16 −26 +14 +15 −10 +13 −10 +12 − 5	1	0.51
32038	06 41 33.22	−60 41 17.3	8.41	H	100.388 425 94	−60.688 145 70	6.57	−17.60	71.61	0.64	0.60	0.64	0.75	0.76	− 6 + 0 + 3 +21 − 5 + 3 − 7 + 8 − 1 −16	0	1.70
32039	06 41 33.99	−17 32 01.0	8.13	H	100.391 607 77	−17.533 611 13	2.38	3.23	4.26	0.71	0.70	1.00	0.83	0.85	+11 + 7 − 8 −36 − 1 −17 − 4 −41 − 4 − 2	0	−1.39
32040	06 41 37.77	+35 55 55.2	6.48	H	100.407 374 05	+35.931 990 76	12.71	−17.81	−25.90	0.70	0.42	0.80	0.81	0.50	+ 1 +39 + 8 + 9 + 8 −14 + 6 −32 − 8 + 2	2	0.41
32041 H	06 41 37.80	−55 59 56.7	8.69	H	100.407 497 87	−55.999 086 67 A	4.70	11.25	34.23	1.23	1.36	1.07	1.27	1.38	−10 − 5 − 2 +19 − 8 + 5 −14 − 9 − 4 −15	1	−1.33
32042	06 41 38.70	−01 54 11.7	8.50	H	100.411 238 96	−01.903 236 16	8.38	1.97	6.20	1.02	0.68	1.24	1.13	0.91	−41 +38 −33 −41 +11 − 9 +11 −53 +10 −18	0	−0.11
32043	06 41 39.55	−35 33 13.4	9.63	H	100.414 782 59	−35.553 735 59	35.25	204.66	3.51	0.79	0.89	1.08	1.01	1.14	−10 − 3 + 1 − 5 − 6 +11 − 6 +17 − 6 −13	5	2.42
32044	06 41 42.74	+27 04 53.7	7.54	H	100.428 098 59	+27.081 577 38	3.65	−13.70	−2.56	1.06	0.62	1.22	1.64	0.88	+20 + 4 − 9 −22 −21 +48 − 5 −65 +26 +50	0	0.71
32045	06 41 42.95	−33 28 11.1	8.49	H	100.428 960 41	−33.469 744 13	3.06	5.59	−4.17	0.58	0.69	0.85	0.70	0.88	− 4 +17 − 4 +13 + 5 +28 + 3 − 3 −12 −12	0	2.11
32046	06 41 43.26	−02 09 46.1	9.68	H	100.430 243 93	−02.162 813 47	−0.48	0.66	−1.62	1.30	0.93	1.58	1.44	1.28	−50 +30 −22 −42 +23 −16 +19 −54 + 1 −31	0	0.90
32047	06 41 44.00	−27 44 29.1	8.46	H	100.433 320 96	−27.741 412 76	3.54	−5.32	16.18	0.64	0.79	1.09	0.76	0.97	− 4 + 3 − 6 + 2 −11 + 5 −12 +17 −20 − 2	1	0.69
32048 H	06 41 45.06	+44 01 32.1	9.38	G	100.437 731 59	+44.025 579 37 B	5.35	2.94	−12.38	3.03	2.24	3.16	3.47	2.44	−22 +28 −18 + 1 − 7 +18 + 2 −33 + 9 −10	1	−0.34
32049	06 41 47.46	+14 24 48.5	7.74	1 G	100.447 762 71	+14.413 480 68	5.33	2.08	−13.88	1.02	0.58	1.15	0.98	0.69	− 3 +55 −10 −13 +13 −30 + 5 −40 −15 +15	0	−0.13
32050 H	06 41 47.48	+30 41 02.7	8.46	H	100.447 820 04	+30.684 071 04 *	7.94	2.27	2.52	2.74	1.95	1.51	2.01	1.27	−42 +24 −11 + 6 + 1 +14 +17 −30 +24 +44	2	−0.68
32051	06 41 47.91	+32 38 13.0	7.71	G	100.449 619 97	+32.636 955 86	0.26	1.27	−2.43	1.01	0.65	1.01	1.59	0.95	+43 +17 −18 −27 −53 +21 −36 −65 +27 +67	0	0.88
32052	06 41 48.43	−14 28 27.8	8.00	H	100.451 802 30	−14.474 396 86	5.39	−21.92	−15.71	0.86	0.65	1.07	1.02	0.77	+ 8 +30 − 7 −33 +15 −18 +17 −43 +21 −10	0	−0.47
32053	06 41 49.71	+09 30 29.4	8.99	H	100.457 137 06	+09.508 165 60	4.27	−0.26	−4.47	1.45	0.91	1.45	1.83	1.22	+27 +23 −20 −36 −29 −11 −31 −43 − 8 +50	2	0.00
32054	06 41 50.04	−49 23 10.4	8.64	H	100.458 503 01	−49.386 209 33	4.52	2.59	25.55	0.64	0.60	0.69	0.74	0.74	− 4 +13 − 3 + 4 − 4 − 3 − 5 + 0 − 8 − 8	1	−0.07
32055	06 41 50.62	+14 13 00.3	6.80	H	100.460 909 44	+14.216 741 30	6.52	7.96	−24.10	0.93	0.51	1.04	0.88	0.60	+ 8 +57 −14 −12 + 2 −31 − 4 −35 −11 +31	0	−0.52
32056	06 41 51.11	+32 16 15.5	9.41	H	100.462 938 50	+32.270 978 85	3.38	−2.78	−1.24	1.46	0.94	1.47	2.32	1.43	+44 +15 −26 −25 −54 +25 −36 −63 +34 +67	0	0.86
32057	06 41 53.10	+26 18 28.8	9.53	H	100.471 244 86	+26.307 994 77	4.20	−3.82	−12.24	1.29	0.72	1.43	1.61	0.99	− 1 +29 − 7 + 8 − 7 +18 +13 −51 +19 +30	0	0.29
32058	06 41 53.40	−00 17 11.7	8.99	H	100.472 508 92	−00.286 571 09	3.40	4.94	2.80	1.00	0.68	1.19	1.03	0.85	− 5 +26 −17 −35 −21 −12 −27 −41 − 3 +12	0	0.31
32059	06 41 53.88	−39 47 15.6	7.75	G	100.474 484 20	−39.787 675 38	3.61	−14.68	4.19	0.51	0.63	0.66	0.55	0.87	+10 + 6 − 6 + 3 + 1 +14 − 3 +37 + 6 +21	3	1.30
32060	06 41 54.10	−18 16 19.0	8.64	H	100.475 425 38	−18.271 931 88	1.24	−2.51	18.04	0.55	0.68	1.22	0.68	0.80	+ 2 + 4 − 7 +23 +26 + 3 +20 −15 − 9 −10	0	0.63
32061 H	06 41 54.19	+47 47 36.9	7.59	H	100.475 781 46	+47.793 590 57 *	9.19	−23.32	−22.57	0.84	0.61	0.96	1.11	0.84	− 6 +36 − 1 − 7 −11 + 5 −13 −20 − 7 −15	0	0.61
32062	06 41 54.69	+02 34 54.4	7.14	H	100.477 865 00	+02.581 765 27	3.70	−0.82	−2.05	0.91	0.58	1.04	0.78	0.71	−17 +42 +14 −47 + 9 −23 + 3 −69 −35 + 3	0	0.49
32063	06 41 55.80	+45 44 00.8	7.67	G	100.482 503 70	+45.733 560 98	5.47	−5.33	−26.63	0.90	0.64	1.00	1.27	0.82	+19 +15 + 0 + 5 −28 + 6 −21 −35 +14 +25	2	0.05
32064	06 41 56.37	−09 10 02.7	5.21	H	100.484 859 39	−09.167 424 68	8.63	34.99	−46.05	0.73	0.50	0.77	0.77	0.60	−17 +20 −20 −43 − 4 + 8 − 2 −29 +16 −10	0	2.47
32065 H	06 41 57.18	−20 14 58.6	6.85	H	100.488 267 62	−20.249 617 85 *	6.71	−5.95	−52.74	1.20	1.01	0.89	0.67	0.69	+ 0 + 8 −33 − 5 +15 −24 + 7 −11 + 5 − 8	1	−0.71
32066	06 41 58.90	+38 01 35.9	10.07	H	100.495 419 93	+38.026 644 99	4.29	−6.84	−27.45	1.53	1.07	1.71	2.08	1.24	+21 +15 −30 −19 −42 +19 −29 −56 +19 +41	0	1.93
32067	06 41 59.23	+06 20 43.5	6.36	H	100.496 793 54	+06.345 418 97	−0.08	0.81	2.35	0.69	0.47	0.77	0.65	0.53	−12 +29 − 3 −26 + 0 − 5 + 9 −54 −14 +26	0	−1.60
*32068	06 41 59.77	−79 36 32.4	9.49	H	100.499 037 33	−79.609 000 98	8.16	−0.81	92.09	0.78	0.76	0.83	0.79	0.81	− 3 + 8 + 9 + 1 − 9 + 6 −10 + 5 − 2 −13	2	−0.33
*32069 H	06 41 59.70	−16 00 26.0	6.94	G	100.498 751 80	−16.007 220 09 A	3.79	−2.23	4.30	1.06	0.94	1.24	1.03	0.95	+14 + 8 −37 −48 + 6 −24 + 3 −54 +34 + 3	1	0.43
32070	06 42 04.02	−45 11 44.7	10.40	G	100.516 769 77	−45.195 754 31	1.23	25.16	34.71	0.95	1.12	1.13	1.15	1.65	−19 +10 − 3 − 8 +10 + 2 +12 − 4 − 1 −28	0	−0.31
32071	06 42 04.33	−48 35 00.7	9.42	G	100.518 059 80	−48.583 523 47	5.72	42.07	−88.73	0.85	0.82	0.92	0.97	1.02	+ 2 + 0 −10 −20 − 8 +14 − 8 + 1 − 5 + 4	0	0.15
32072	06 42 04.70	+03 14 54.1	7.05	H	100.519 567 38	+03.248 356 20	5.67	−7.35	−22.06	0.71	0.48	0.80	0.72	0.60	− 7 +28 + 3 −18 − 6 −10 − 2 −57 −16 +11	0	−0.91
32073	06 42 04.88	−69 42 23.7	7.58	H	100.520 341 33	−69.706 583 61	2.97	−15.42	15.11	0.59	0.54	0.59	0.58	0.67	+ 9 +17 − 4 −46 + 2 − 1 + 5 −19 + 7 +15	4	0.41
32074	06 42 05.19	−51 45 34.6	8.15	H	100.521 610 86	−51.759 611 93	3.43	−4.95	8.62	0.63	0.60	0.66	0.76	0.70	− 4 + 5 + 1 + 2 −13 −11 −14 − 4 + 8 −23	0	0.69
*32075 H	06 42 05.53	−38 00 13.7	8.35	H	100.523 036 04	−38.003 799 25 A	15.16	14.18	24.27	1.04	1.16	1.22	1.03	1.52	− 1 +37 −12 − 3 + 3 + 3 + 8 − 4 + 6 + 7	1	1.21
*32076	06 42 05.31	−15 12 53.8	6.97	G	100.522 117 85	−15.214 939 58	33.75	−173.28	−128.85	0.70	0.56	0.82	0.85	0.66	−12 +25 −17 −52 +28 −10 +30 −59 +31 −28	0	−1.20
32077	06 42 05.85	+63 24 54.5	9.22	H	100.524 356 97	+63.415 133 56	1.49	−1.32	−20.21	0.97	0.90	1.38	1.30	1.03	+16 +15 −19 +36 +20 − 1 +17 +22 + 2 + 6	0	−0.04
32078	06 42 06.52	−09 52 47.5	9.31	G	100.527 154 05	−09.879 863 82	3.05	−1.00	2.52	1.03	0.83	1.24	1.41	1.17	−27 +33 −19 −28 + 0 −11 + 6 −24 +22 −36	0	−0.17
*32079 H	06 42 07.36	−64 31 26.3	8.11	H	100.530 646 11	−64.523 963 61 A	6.02	3.05	18.00	1.77	1.93	1.56	1.55	1.66	+ 3 + 2 + 5 +15 −17 +20 −20 − 6 − 3 − 2	12	3.22
*32080	06 42 07.31	−06 06 51.4	7.04	H	100.530 476 50	−06.114 269 92	4.06	−5.74	−1.49	0.71	0.54	0.89	0.76	0.63	− 5 +28 −37 −26 −18 −10 −23 −28 + 8 +17	0	0.16
32081	06 42 07.83	−71 53 22.4	7.68	H	100.532 636 99	−71.889 564 89	2.92	13.61	49.14	0.59	0.56	0.61	0.66	0.65	− 9 +22 + 5 − 5 + 4 +10 + 2 − 9 − 6 −33	0	−0.36
32082	06 42 08.41	−46 28 24.4	9.10	H	100.535 047 69	−46.473 445 97	0.35	−6.69	10.02	0.83	0.93	0.95	1.01	1.13	− 9 + 6 + 0 −19 +23 + 8 +20 −31 − 6 −28	0	−0.06
32083	06 42 08.59	+31 27 17.6	8.23	2 H	100.535 774 72	+31.454 890 44	1.13	0.68	−4.41	1.06	0.59	1.08	1.36	0.83	+22 +21 − 5 +27 + 1 − 4 + 7 −20 +11 +31	0	−0.62
32084 H	06 42 09.16	−22 26 36.8	8.11	G	100.538 148 68	−22.443 546 19 A	2.63	−3.91	2.88	0.59	0.88	1.18	0.61	0.87	−21 +15 −14 +26 −34 + 4 −30 +20 −14 + 8	1	−0.31
32085 H	06 42 11.25	+74 28 50.9	9.09	2 H	100.546 888 64	+74.480 816 64 *	2.35	−2.21	3.86	0.71	0.87	1.18	0.78	0.95	+ 7 + 4 + 1 + 4 + 2 +26 + 2 −13 + 1 + 7	1	1.06
32086	06 42 11.96	+25 28 06.8	7.35	H	100.549 832 41	+25.468 562 72	2.69	−6.67	−13.91	1.03	0.49	0.99	1.40	0.73	+15 +21 − 7 +39 + 0 − 2 +26 −35 +15 +49	2	1.64
32087	06 42 12.08	−21 06 44.2	9.33	G	100.550 342 54	−21.112 281 64	0.85	−8.43	1.84	0.92	0.91	1.35	1.22	1.04	+ 6 +18 −16 +44 + 4 + 3 + 4 −16 +14 + 5	0	0.12
32088	06 42 12.94	−10 29 53.1	8.79	2 H	100.553 922 25	−10.498 085 12	2.35	−1.10	3.60	1.04	0.77	1.21	1.30	1.06	− 5 +43 −11 −20 −13 − 6 − 3 − 7 +19 − 8	0	−0.07
32089	06 42 14.99	+36 25 04.3	9.63	H	100.562 465 19	+36.417 874 59	6.19	−14.61	3.44	1.24	0.81	1.44	1.54	1.06	−11 +35 +20 − 7 +18 + 4 + 8 −53 −20 −25	0	−0.12
32090	06 42 15.97	+12 00 28.5	8.00	H	100.566 534 77	+12.007 903 30	6.51	49.46	11.40	0.97	0.58	1.08	1.11	0.81	+12 +43 − 4 +14 + 8 −26 − 7 −12 −27 +17	0	−0.82
32091 H	06 42 16.39	−38 23 55.7	6.28	1 G	100.568 298 83	−38.398 799 25 A	10.95	−15.02	3.33	0.71	0.74	0.79	0.84	0.98	− 4 +29 −13 +13 + 2 − 6 + 1 + 4 − 1 −18	1	1.51
32092	06 42 16.63	+42 50 55.3	9.92	H	100.569 306 16	+42.848 684 22	3.87	−13.84	−35.82	1.34	0.98	1.58	1.79	1.25	−10 +13 −28 + 9 −19 + 2 −18 −33 +25 −15	0	0.50
32093 H	06 42 16.80	−36 01 43.0	9.41	H	100.569 995 60	−36.028 619 64 A	1.80	12.74	−8.73	1.29	1.51	1.59	1.26	1.89	− 5 −11 −11 + 7 + 5 + 4 + 7 + 9 − 7 − 4	1	−0.07
32094	06 42 17.14	+07 23 52.2	6.86	1 G	100.571 402 94	+07.397 844 44	0.60	4.95	−8.16	0.85	0.49	0.90	0.70	0.57	−19 +53 −18 −26 + 2 −12 + 0 −50 + 5 −14	0	0.53
32095	06 42 17.90	+25 21 49.5	8.82	H	100.574 564 68	+25.363 737 47	9.66	−5.44	9.61	1.32	0.64	1.26	1.81	0.96	+23 +20 − 3 +33 − 7 − 6 +13 −38 +11 +48	0	0.91
32096	06 42 19.07	−31 39 57.7	7.79	G	100.579 468 03	−31.666 022 14	2.98	−4.00	16.26	0.48	0.58	0.74	0.56	0.67	+11 + 6 +11 − 3 − 6 +19 − 8 + 7 + 1 + 6	0	−0.30
32097	06 42 19.86	−20 05 18.2	8.75	G	100.582 757 14	−20.088 386 60	1.83	−8.92	4.49	0.66	0.77	1.21	0.90	0.97	− 5 + 6 −30 +23 +14 −13 +10 −15 +12 − 8	0	0.83
32098	06 42 20.20	−41 43 43.6	7.96	H	100.584 148 68	−41.728 769 53	2.96	−5.17	2.10	0.56	0.62	0.68	0.59	0.74	− 7 + 7 −12 + 0 −10 + 9 −10 + 1 − 8 − 5	0	1.24
32099 T	06 42 21.02	−58 10 58.9	9.25	2 H	100.587 568 02	−58.183 014 49	7.16	14.84	−13.37	19.48	19.69	20.29	20.45	20.57	+ 3 − 3 − 5 −16 −14 − 3 −17 −34 + 5 −10	0	
32100	06 42 23.05	+37 05 46.4	8.05	H	100.596 057 53	+37.096 226 54	3.02	−0.43	−5.21	0.95	0.59	1.11	1.14	0.71	− 6 +39 −21 + 0 − 1 − 1 +10 −41 +16 +16	0	0.37

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
32001											T	11.6090	0.0063	0.062	70		11.49	11.71					1							G
32002	9.277	0.015	7.505	0.007		1.476	0.013	T	1.49	0.02	L	7.4572	0.0012	0.011	137		7.43	7.48					1							S
32003	8.598	0.013	8.474	0.015		0.120	0.019	T	0.13	0.02	L	8.5180	0.0021	0.015	78		8.50	8.53					1							
32004	8.675	0.015	8.662	0.019		0.017	0.022	T	0.04	0.02	L	8.6772	0.0018	0.013	70		8.65	8.71		C			1	S						
32005	9.171	0.022	8.946	0.025		0.215	0.031	T	0.24	0.04	L	8.9698	0.0022	0.016	54		8.93	9.00		C			1							
32006	8.470	0.011	7.991	0.010		0.451	0.014	T	0.52	0.01	L	8.0282	0.0011	0.010	109		8.01	8.05		C			1							
32007	5.952	0.003	6.122	0.004	A	−0.146	0.004	T	−0.14	0.01	L	6.1131	0.0041	0.011	128	A	6.09	6.13		D	06412−4021	I 1	2 C	A	AB	108	15.448	0.017	3.40	0.09	S
32008	10.920	0.057	8.838	0.017		1.640	0.015	G	1.65	0.09	H	8.7425	0.0020	0.015	83		8.71	8.78					1							
32009	10.501	0.058	9.720	0.048		0.694	0.057	T	0.75	0.05	L	9.7597	0.0029	0.027	43		9.72	9.83		D			1							G
32010	9.427	0.024	8.213	0.015		1.021	0.021	G	1.07	0.03	I	8.2173	0.0015	0.012	75		8.20	8.24		C			1							
32011	8.976	0.012	8.368	0.011		0.565	0.012	T	0.64	0.01	L	8.4146	0.0015	0.015	117		8.39	8.44		C			1							S
32012	8.368	0.016	6.391	0.007		1.675	0.014	T	2.10	0.05	O	6.2607	0.0053	0.024	51		6.22	6.31		U 2			1							S P
32013	7.813	0.008	7.775	0.008		0.024	0.002	G	0.04	0.00	H	7.8001	0.0012	0.012	123		7.78	7.82		C			1							S
32014	8.603	0.013	7.173	0.007		1.207	0.012	T	1.17	0.01	L	7.2166	0.0009	0.009	88		7.20	7.23		D			1							S
32015	10.204	0.024	9.411	0.019		0.703	0.023	T	0.76	0.02	L	9.4377	0.0072	0.141	126		9.33	10.05	0.59	P 1 A			1							
32016	8.391	0.017	8.238	0.019		0.147	0.024	T	0.16	0.03	L	8.2614	0.0019	0.012	48		8.23	8.29					1							
32017	8.104	0.010	7.702	0.010		0.404	0.015	G	0.47	0.02	H	7.7556	0.0012	0.011	103		7.73	7.78					1							S
32018	9.853	0.015	8.715	0.010		0.979	0.014	T	0.96	0.01	L	8.7802	0.0016	0.020	250		8.75	8.81					1							
32019	7.832	0.009	6.551	0.005		1.090	0.015	G	0.91	0.04	E	6.6054	0.0007	0.008	103		6.59	6.62		C	06414+2812	I 1	1							S
32020	6.251	0.005	6.281	0.007		−0.016	0.005	G	0.01	0.01	H	6.2767	0.0007	0.004	57		6.27	6.28		C			1							S
32021	10.455	0.036	9.078	0.019		1.165	0.032	T	1.13	0.03	L	9.1335	0.0021	0.020	141		9.10	9.17					1							
32022	6.817	0.005	6.946	0.006		−0.115	0.015	G	−0.10	0.02	H	6.9294	0.0006	0.007	90		6.92	6.95		D	06414−0710	I 1	1	S						S
32023	10.078	0.038	8.743	0.022		1.132	0.034	T	1.10	0.04	L	8.7466	0.0020	0.014	57		8.71	8.78		C			1							
32024	8.397	0.010	7.762	0.008		0.576	0.015	G	0.65	0.01	H	7.8188	0.0012	0.009	107		7.80	7.84		C			1							S
32025	9.904	0.038	9.681	0.043		0.112	0.015	G	0.13	0.01	H	9.8145	0.0039	0.020	51		9.78	9.85		C			1							G
32026	9.170	0.013	8.684	0.013		0.469	0.014	T	0.54	0.01	L	8.7424	0.0021	0.019	132		8.71	8.79		C			1							
32027	7.432	0.007	7.429	0.008		0.007	0.010	T	0.03	0.01	L	7.4457	0.0009	0.008	99		7.43	7.46		C	06414+0057	I 1	1							S
32028	8.027	0.008	7.963	0.009		0.064	0.011	T	0.07	0.01	L	7.9880	0.0013	0.012	149		7.96	8.01					1							S
32029	8.224	0.013	8.123	0.016	A	0.100	0.495	G	0.13	0.05	L *	8.0836	0.0018	0.014	64	*	8.06	8.11		C	06414−1119	I 1	2 C	A	AB	346	2.393	0.019	3.21	0.10	
32030	7.297	0.009	7.493	0.010		−0.143	0.007	G	−0.14	0.01	H	7.4695	0.0013	0.008	55		7.46	7.48			06415+0951	I 1	1							S
32031	8.135	0.006	8.253	0.008		−0.099	0.015	G	−0.08	0.02	H	8.2548	0.0015	0.016	203		8.23	8.29					1							
32032	9.579	0.013	8.377	0.009		1.029	0.012	T	1.00	0.01	L	8.4314	0.0014	0.019	188		8.40	8.47					1							
32033	8.021	0.010	8.047	0.012		−0.016	0.015	G	0.01	0.01	H	8.0585	0.0018	0.012	78		8.04	8.08		C			1							S
32034	7.258	0.007	7.021	0.006		0.221	0.009	T	0.24	0.01	L	7.0644	0.0013	0.009	86		7.05	7.08		C			1							S
32035	8.461	0.012	7.947	0.010	*	0.511	0.015	G	0.58	0.02	H *	7.9865	0.0013	0.014	98	*	7.97	8.01			06415−6528	H 1	2 C	B	AB	285	0.589	0.027	3.67	0.14	S
32036	8.762	0.014	8.754	0.017		0.008	0.019	T	0.03	0.02	L	8.7319	0.0019	0.013	68		8.71	8.75		C			1							
32037	8.114	0.007	6.988	0.006		0.969	0.007	T	0.95	0.01	L	7.0427	0.0011	0.010	134		7.03	7.06					1							S
32038	8.938	0.012	8.465	0.011		0.476	0.006	G	0.55	0.01	H	8.5206	0.0017	0.015	115		8.49	8.54		C			1							
32039	10.272	0.026	8.324	0.010		1.616	0.022	T	1.64	0.02	L	8.2414	0.0021	0.021	137		8.21	8.28					1							
32040	7.081	0.006	6.538	0.004		0.509	0.006	T	0.58	0.01	L	6.5872	0.0006	0.005	100		6.58	6.60					1							S
32041	9.922	0.024	8.808	0.016	*	0.960	0.023	T	0.95	0.02	L *	8.8566	0.0021	0.019	96	*	8.83	8.88		D	06416−5600	H 1	2 C	A	AB	157	0.552	0.016	2.63	0.06	
32042	9.014	0.012	8.540	0.012		0.446	0.015	T	0.52	0.02	L	8.6008	0.0012	0.012	107		8.58	8.61					1							
32043	11.148	0.056	9.777	0.028		0.984	0.005	G	1.03	0.01	I	9.7706	0.0024	0.023	116		9.73	9.80					1	S						
32044	8.660	0.010	7.633	0.007		0.890	0.015	G	0.90	0.01	H	7.7026	0.0011	0.010	101		7.69	7.72		C			1							
32045	9.867	0.020	8.615	0.012		1.050	0.015	G	1.02	0.01	H	8.6596	0.0018	0.015	134		8.64	8.68		C			1							
32046	9.680	0.020	9.635	0.026		0.046	0.030	T	0.06	0.02	L	9.7045	0.0019	0.021	102		9.66	9.74					1							G
32047	9.908	0.019	8.561	0.011		1.142	0.017	T	1.11	0.02	L	8.6257	0.0019	0.018	150		8.59	8.66					1							
32048	9.398	0.038	8.933	0.034	*	0.480	0.015	G	0.55	0.02	H *	9.4704	0.0033	0.020	81	*	9.43	9.51		D	06418+4402	I 1	2 C	A	BA	139	2.167	0.007	0.42	0.03	
32049	8.056	0.016	7.751	0.016		0.254	0.004	G	0.29	0.01	H	7.8025	0.0042	0.021	47		7.77	7.83		U			1							S
32050	8.922	0.015	8.496	0.015	*	0.402	0.019	T	0.47	0.02	L *	8.5548	0.0023	0.016	83	*	8.53	8.59		D	06418+3041	I 1	2 C	A	BA	56	0.210	0.008	0.03	0.18	S
32051	8.563	0.015	7.794	0.012		0.700	0.015	T	0.76	0.01	L	7.8428	0.0012	0.009	80		7.83	7.86		C			1							S
32052	9.393	0.016	8.127	0.010		1.079	0.015	T	1.04	0.01	L	8.1644	0.0017	0.017	124		8.14	8.19					1							
32053	8.801	0.022	8.987	0.032		−0.133	0.004	G	−0.12	0.01	H	8.9421	0.0021	0.019	49		8.90	8.97					1							G
32054	9.100	0.014	8.704	0.014		0.375	0.018	T	0.44	0.02	L	8.7233	0.0016	0.015	121		8.70	8.75		C			1							
32055	6.863	0.007	6.813	0.013		0.051	0.014	T	0.06	0.01	L	6.8234	0.0009	0.005	43		6.81	6.83		C			1							S
32056	9.867	0.028	9.427	0.029		0.415	0.037	T	0.48	0.04	L	9.5040	0.0029	0.018	77		9.47	9.54		C			1							
32057	9.870	0.020	9.531	0.022		0.322	0.028	T	0.37	0.04	L	9.6158	0.0024	0.023	105		9.56	9.66					1							G
32058	10.284	0.024	9.082	0.015		1.029	0.022	T	1.00	0.02	L	9.1619	0.0022	0.022	134		9.13	9.20		C			1							
32059	7.669	0.007	7.756	0.010		−0.062	0.002	G	−0.04	0.00	H	7.7388	0.0010	0.010	110		7.73	7.76		C			1							S
32060	10.777	0.032	8.818	0.011		1.660	0.028	T	1.81	0.08	O	8.7321	0.0019	0.021	166		8.69	8.76					1							
32061	7.952	0.009	7.629	0.009	*	0.307	0.012	T	0.35	0.02	L *	7.6704	0.0019	0.013	81	*	7.65	7.69			06419+4748	H 1	2 C S	A	AB	282	0.169	0.029	1.00	0.61	S
32062	8.715	0.011	7.285	0.006		1.207	0.010	T	1.17	0.01	L	7.3088	0.0009	0.009	101		7.29	7.33		C			1							S
32063	8.584	0.012	7.775	0.010		0.731	0.012	T	0.78	0.01	L	7.8103	0.0013	0.011	77		7.79	7.83		C			1							S
32064	7.197	0.006	5.384	0.003		1.525	0.001	G	1.65	0.05	F	5.3245	0.0008	0.007	63		5.31	5.34		C			1							S
32065	8.002	0.009	6.966	0.005	*	0.901	0.008	T	0.90	0.01	L *	7.0117	0.0007	0.008	136	*	7.00	7.02		D	06420−2015	H 1	2 C	A	AB	16	0.222	0.010	1.83	0.17	S
32066	10.676	0.040	10.113	0.039		0.527	0.050	T	0.60	0.05	L	10.1884	0.0031	0.028	99		10.11	10.23		C			1							G
32067	6.259	0.004	6.357	0.004		−0.084	0.005	T	−0.06	0.01	L	6.3393	0.0007	0.005	99		6.33	6.35		C			1							S
32068	10.244	0.027	9.543	0.023		0.633	0.027	T	0.70	0.02	L	9.6195	0.0024	0.019	103		9.59	9.65		C			1							
32069	6.853	0.006	6.893	0.009	*	−0.027	0.005	G	−0.01	0.01	H *	6.9246	0.0010	0.011	162	*	6.91	6.95		D	06420−1600	I 1	2 C	A	AB	168	3.708	0.008	2.11	0.02	S
32070	11.555	0.085	10.597	0.057		0.850	0.015	G	0.86	0.01	H	10.5803	0.0033	0.027	113		10.51	10.63					1							G
32071	10.036	0.027	9.527	0.027		0.510	0.020	G	0.58	0.02	H	9.5387	0.0019	0.018	104		9.51	9.58					1							
32072	7.195	0.005	7.067	0.007		0.116	0.008	T	0.13	0.01	L	7.0943	0.0009	0.007	122		7.08	7.11		C	06421+0315	I 1	1							S
32073	7.610	0.007	7.585	0.007		0.028	0.009	T	0.04	0.01	L	7.5987	0.0009	0.011	103		7.58	7.62		C			1							S
32074	9.743	0.019	8.290	0.011		1.225	0.017	T	1.18	0.02	L	8.3137	0.0013	0.012	132		8.29	8.34					1							
32075	9.177	0.014	8.576	0.013	A	0.596	0.096	G	1.27	0.09	S *	8.5073	0.0029	0.021	106	*	8.48	8.56		R	06421−3800	I 1	2 C	A	AB	275	3.923	0.010	2.11	0.04	S
32076	7.639	0.005	7.037	0.004		0.563	0.011	G	0.64	0.01	H	7.0822	0.0008	0.012	156		7.06	7.10					1							S
32077	10.624	0.038	9.357	0.022		1.079	0.034	T	1.04	0.03	L	9.3880	0.0023	0.019	107		9.34	9.44		C			1							
32078	9.257	0.019	9.279	0.025		−0.040	0.015	G	−0.02	0.01	H	9.3046	0.0027	0.016	74		9.28	9.33					1							
32079	8.490	0.012	8.093	0.012	*	0.388	0.014	T	0.45	0.01	L *	8.1981	0.0013	0.014	119	*	8.17	8.22		D	06421−6431	I 1	2 C	A	AB	234	5.608	0.028	2.54	0.09	S
32080	6.859	0.005	6.992	0.006		−0.142	0.013	G	−0.14	0.02	H	6.9884	0.0012	0.009	86		6.97	7.00		C			1							S
32081	9.320	0.015	7.833	0.009		1.252	0.014	T	1.21	0.01	L	7.8453	0.0014	0.012	116		7.82	7.87		C			1	S						S
32082	10.193	0.031	9.183	0.022		0.882	0.028	T	0.89	0.02	L	9.2569	0.0024	0.020	88		9.23	9.28		C			1							
32083	11.991	0.149	8.554	0.013		2.420	0.190	G	2.42	0.20	J	8.2555	0.0102	0.103	96		8.10	8.38		U 2 C			1							
32084	7.924	0.005	8.074	0.007	A	−0.134	0.015	G	−0.13	0.01	L *	8.0579	0.0011	0.016	285	*	8.03	8.09		D	06422−2227	I 1	2 C	A	AB	13	1.202	0.017	3.13	0.06	S
32085	11.329	0.052	9.369	0.016	*	1.661	0.045	T	2.81	0.06	O *	9.0538	0.0127	0.106	170	*	8.88	9.23		U 2	06422+7429	H 1	2 C S	D	AB	238	0.197	0.021	0.74	0.31	W
32086	9.448	0.017	7.539	0.008		1.619	0.015	T	1.86	0.05	O	7.4445	0.0012	0.011	97		7.42	7.46		C	06422+2528	I 1	1							S
32087	9.308	0.015	9.345	0.020		−0.034	0.002	G	−0.01	0.00	H	9.3331	0.0022	0.025	120		9.29	9.38					1							
32088	9.115	0.016	8.811	0.017		0.289	0.022	T	0.33	0.03	L	8.8612	0.0077	0.035	72		8.81	8.92		U 2			1							
32089	10.064	0.024	9.671	0.026		0.372	0.033	T	0.43	0.04	L	9.7135	0.0023	0.017	100		9.68	9.74		C			1							G
32090	9.062	0.023	8.096	0.017		0.849	0.021	T	0.86	0.01	L	8.1593	0.0012	0.008	52		8.14	8.18					1							
32091	6.652	0.005	6.281	0.005	*	0.346	0.008	G	0.41	0.01	H *	6.3609	0.0010	0.008	105	*	6.35	6.39		U 2	06423−3824	I 1	2 C	A	AB	277	7.913	0.003	1.33	0.01	S
32092	10.579	0.049	9.918	0.043		0.613	0.055	T	0.68	0.05	L	10.0463	0.0031	0.025	77		10.01	10.08		C			1							G
32093	10.849	0.038	9.603	0.022	A						T *	9.5745	0.0025	0.024	141	*	9.54	9.63		C	06423−3602	I 1	2 C	B	AB	317	2.931	0.038	3.06	0.16	
32094	8.968	0.014	7.052	0.006		1.630	0.015	G	1.64	0.09	H	6.9573	0.0015	0.014	93		6.94	6.99		U 2			1							S
32095	9.322	0.017	8.839	0.017		0.450	0.015	G	0.52	0.02	H	8.9162	0.0021	0.017	98		8.89	8.95		C			1							
32096	7.662	0.006	7.773	0.009		−0.093	0.006	G	−0.07	0.01	H	7.7655	0.0013	0.012	149		7.75	7.79		C			1							S
32097	9.345	0.015	8.810	0.014		0.463	0.004	G	0.53	0.00	H	8.8564	0.0020	0.020	135		8.82	8.89		C			1							
32098	9.237	0.015	8.071	0.010		1.000	0.014	T	0.98	0.01	L	8.1255	0.0012	0.012	104		8.11	8.15					1							
32099	10.322	0.031	9.811	0.031		0.480	0.040	T	0.55	0.04	L	9.3609	0.0038	0.038	108		9.32	9.55		U 2	06424−5811	I 1	1 X	S						G
32100	9.285	0.014	8.164	0.010		0.965	0.013	T	0.95	0.01	L	8.2139	0.0013	0.011	108		8.19	8.23		C			1							S

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion μα* mas/yr 12	μδ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	μα* mas/yr 17	μδ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	μα*/α* 22	μα*/δ 23	μα*/π 24	μδ/α* 25	μδ/δ 26	μδ/π 27	μδ/μα* 28	Soln F1 % 29	F2 30
32101		06 42 23.25	−22 21 38.4	8.90		H	100.596 894 41	−22.360 672 60		1.24	−2.51	3.22	0.47	0.72	1.07	0.54	0.80	−16	+5	−2	+27	−36	−1	−32	+12	−1	+9	1	−0.41
*32102		06 42 23.39	−24 14 03.4	8.76		H	100.597 457 24	−24.234 275 27		4.19	−10.17	−2.13	0.60	0.77	1.16	0.86	0.92	+0	−2	−13	+5	−18	+20	−14	+3	+5	−1	0	0.54
*32103		06 42 23.36	−61 13 31.1	8.53		H	100.597 348 96	−61.225 308 67		18.67	−97.59	140.40	0.71	0.63	0.72	0.88	0.83	−7	+4	+8	+1	−6	−21	−5	+4	−3	−22	0	−0.16
32104		06 42 24.32	+17 38 43.9	5.20		G	100.601 344 02	+17.645 514 21	+	23.41	6.97	−86.87	0.89	0.63	2.44	1.32	0.79	+9	+7	−33	−25	−43	+47	−35	−49	+16	+49	0	1.47
32105		06 42 24.42	+63 28 36.0	8.34		H	100.601 731 97	+63.476 671 03		0.69	4.79	−4.37	0.83	0.74	1.14	1.14	0.92	+25	+9	−17	+44	+19	+2	+15	+22	+7	+10	0	−2.03
32106		06 42 25.58	−67 50 35.5	6.72		H	100.606 569 73	−67.843 190 35		7.58	−20.68	37.45	0.51	0.47	0.52	0.51	0.51	−1	+29	+8	−11	−8	−8	−6	−8	+4	−22	0	0.02
32107		06 42 25.73	−46 26 46.3	10.06		H	100.607 194 60	−46.446 202 65		6.50	−36.24	−14.43	1.06	1.20	1.22	1.31	1.50	−14	+1	−3	−22	+28	+7	+26	−29	−12	−35	0	0.05
32108		06 42 25.85	−68 16 07.0	8.93		H	100.607 720 11	−68.268 605 49		1.53	−5.95	11.69	0.69	0.65	0.72	0.77	0.78	−9	+27	+3	−10	−8	−13	−3	−5	+17	−29	0	0.13
32109		06 42 26.17	−25 41 11.3	8.11		H	100.609 036 06	−25.686 477 98		4.05	−9.89	−18.96	0.49	0.63	0.91	0.57	0.66	−10	+6	−3	+7	−10	+11	−9	−11	+15	−13	0	−1.27
*32110		06 42 27.12	+39 02 03.5	8.34		H	100.613 006 66	+39.034 316 47		3.11	−7.63	−4.49	1.14	0.66	1.27	1.16	0.71	−13	+50	−10	−6	−2	−5	+1	−45	−7	+12	0	0.18
*32111	H	06 42 27.10	−42 34 17.7	7.94		G	100.612 899 96	−42.571 577 97	A	18.68	−59.15	39.16	0.92	0.94	0.98	0.91	1.00	−16	−3	−3	+20	+1	+0	−4	−6	+12	−24	2	0.96
*32112	H	06 42 27.58	−23 13 57.4	7.07		H	100.614 901 99	−23.232 597 54	A	2.72	−4.39	6.47	0.52	0.60	0.82	0.52	0.62	−2	+19	−15	+34	−28	+12	−22	+13	−13	+28	1	0.39
*32113		06 42 27.56	+51 05 09.7	8.76		H	100.614 839 53	+51.086 017 56		1.38	1.14	−10.34	1.27	1.08	1.38	1.59	1.14	−52	+11	+12	−24	+67	+26	+58	−53	−16	−64	0	−0.31
32114	H	06 42 27.62	+70 35 19.7	8.46		H	100.615 073 27	+70.588 813 89	A	12.09	−13.06	−68.02	1.37	1.80	2.01	1.33	1.81	+18	+0	+11	+4	+3	+10	+3	−20	−5	+27	1	0.22
32115		06 42 28.41	−42 22 16.7	9.20	3	T	100.618 382 13	−42.371 315 52	*	1.42	−2.89	−2.69	0.92	0.96	1.06	0.97	1.08	+2	+14	−5	−6	−7	−3	−10	−16	+3	−10	3	2.09
32116		06 42 29.12	−03 18 18.1	8.05		H	100.621 317 73	−03.305 028 16		3.18	9.89	−19.23	0.81	0.54	0.97	0.75	0.63	−11	+42	−9	−36	−9	−11	−9	−45	+3	+2	0	0.86
32117	H	06 42 29.33	+66 11 52.2	7.07		G	100.622 191 04	+66.197 842 32	A	14.03	−16.81	−30.31	0.70	0.78	1.05	0.72	0.78	−10	+16	−21	−25	−3	+1	−3	−25	+9	−30	1	−0.62
32118		06 42 32.14	−34 21 40.0	8.14		H	100.633 897 35	−34.361 108 22		5.16	−10.74	9.94	0.55	0.56	0.70	0.68	0.72	+1	+4	−7	+22	−9	+7	−8	+18	+2	+6	0	0.46
32119		06 42 32.60	−09 33 59.4	8.52		G	100.635 826 79	−09.566 487 67	A	1.79	−0.65	−3.82	1.79	1.41	1.92	1.80	1.50	−30	+35	−21	−36	+5	−15	+5	−38	+7	−7	3	1.46
32120		06 42 32.83	+29 22 30.9	7.46	1	H	100.636 795 64	+29.375 252 51		3.00	4.86	−4.53	0.91	0.50	0.98	1.19	0.76	+17	+23	+0	+10	+3	+5	+4	−43	+18	+12	2	1.00
32121		06 42 32.99	+59 41 51.0	7.41	1	H	100.637 477 55	+59.697 502 98		3.79	14.73	−21.45	0.80	0.68	0.98	1.10	0.76	−18	+20	−24	−9	+16	+14	+20	−31	+12	−8	0	−0.68
32122		06 42 33.23	+22 07 50.1	8.90		H	100.638 455 08	+22.130 577 83		6.72	−11.26	−23.21	1.55	0.72	1.70	1.70	1.07	+1	+61	−23	+12	−23	+25	+23	−55	+39	+55	0	2.06
*32123		06 42 34.29	+75 41 54.2	8.63		H	100.642 863 89	+75.698 384 26		2.33	−5.25	−12.05	0.59	0.60	0.83	0.71	0.67	+13	+12	−8	+28	−2	+0	+2	−9	+0	+23	0	1.30
*32124		06 42 34.27	+34 05 48.1	8.05		H	100.642 804 14	+34.096 694 28		3.75	−9.39	−11.13	0.97	0.69	1.23	1.33	0.84	+2	+21	−34	−21	−36	+23	−12	−68	+36	+32	2	1.41
32125		06 42 34.40	+38 53 32.1	7.04		H	100.643 343 90	+38.892 250 93		16.25	−18.34	−89.12	0.85	0.51	0.92	0.92	0.57	−4	+42	−1	−12	−4	−3	−1	−48	−8	+12	0	−0.46
32126		06 42 34.42	−41 48 55.1	7.45		H	100.643 421 13	−41.815 298 18		5.35	−0.90	−14.53	0.53	0.56	0.65	0.55	0.64	−5	+20	−3	−3	−6	+7	−6	+0	+0	−7	1	1.60
32127		06 42 34.63	−56 26 43.1	9.48		H	100.644 302 51	−56.445 297 79		18.28	267.95	79.67	0.79	0.87	0.87	0.91	1.07	−1	+5	+10	+19	−6	+1	−9	−4	−10	−9	0	1.92
32128		06 42 34.89	+83 54 15.3	9.82		H	100.645 393 82	+83.904 256 74		2.87	9.58	15.93	0.86	0.97	1.14	0.98	1.25	+8	−2	+14	+17	+1	+7	+0	+8	−1	+14	0	1.74
32129		06 42 35.84	−62 46 37.7	8.78		H	100.649 324 62	−62.777 134 26		5.35	−4.88	−41.98	0.73	0.69	0.73	0.91	0.90	−4	+11	+0	+3	−1	−2	−3	+23	−6	+4	1	0.57
32130		06 42 36.38	−33 37 55.2	9.94		G	100.651 602 71	−33.632 008 37		2.55	−3.73	6.19	0.86	1.03	1.24	1.05	1.27	−4	+5	+5	+2	+7	+17	+6	+2	−3	−11	1	0.37
32131		06 42 37.05	−10 44 58.6	7.59		H	100.654 391 50	−10.749 613 25		5.90	16.70	12.91	0.81	0.62	0.93	1.07	0.79	−7	+19	−25	−30	−25	+8	−15	−18	+24	−9	0	−0.41
32132	H	06 42 37.43	+39 55 13.1	9.23		H	100.655 950 07	+39.920 298 61	*	12.16	1.31	−22.90	1.33	0.89	1.38	1.73	1.14	+14	+20	−1	−29	−14	+7	−15	−55	+2	+8	0	−0.40
32133		06 42 37.58	−03 50 08.7	7.28		H	100.656 588 91	−03.835 759 45		5.29	−7.23	6.98	0.72	0.51	0.83	0.62	0.52	−6	+34	−10	−38	−8	−2	−9	−41	−1	+4	0	0.33
32134		06 42 39.70	−12 56 27.0	8.53		H	100.665 433 64	−12.940 822 72	A	−3.28	5.43	0.29	2.09	1.63	2.17	2.25	1.65	−46	+45	−39	−33	+8	+2	+16	−44	+16	−35	3	0.43
32135		06 42 40.24	+47 44 08.8	7.29		G	100.667 655 32	+47.735 779 66		18.05	12.53	−97.95	0.79	0.57	0.91	1.05	0.67	−5	+22	−14	−12	+6	−9	+5	−30	−2	+6	0	−1.33
32136		06 42 40.45	−36 37 49.5	7.86		H	100.668 532 86	−36.630 427 57		4.79	−12.76	7.75	0.51	0.61	0.69	0.55	0.83	+2	+8	−8	+11	+3	+17	+4	+22	−5	+6	0	−0.93
32137	H	06 42 40.55	+01 42 58.2	7.88		G	100.668 950 94	+01.716 176 09	A	−0.66	−0.42	1.52	1.49	0.98	1.32	1.38	1.11	−36	−25	−8	−46	+17	+14	+15	−56	−4	−36	4	0.45
32138		06 42 41.46	+01 42 24.9	9.00		G	100.672 766 13	+01.706 908 32		4.03	−8.95	−12.44	1.59	0.95	1.51	1.55	1.17	−18	+28	−11	−65	+5	−20	−2	−66	−17	+5	0	−0.02
32139		06 42 41.51	+10 19 54.0	8.03		H	100.672 971 05	+10.331 660 94		5.75	−19.91	−27.35	0.98	0.65	1.12	1.12	0.81	−20	+37	−34	−4	+5	−8	+16	−41	+11	+17	0	0.69
32140	H	06 42 43.38	−32 42 46.0	6.76		H	100.680 769 77	−32.712 771 78	*	5.37	15.19	6.70	0.81	0.69	0.72	0.61	0.67	−2	+10	−1	+5	+0	+7	+0	+1	−2	−10	2	1.17
32141		06 42 43.56	+08 51 18.8	8.51		H	100.681 496 61	+08.855 233 40		2.49	−4.04	−2.10	1.08	0.62	1.15	1.05	0.74	−2	+46	−10	−10	−3	−16	−11	−33	−15	+7	0	−0.95
32142	H	06 42 43.68	+11 46 17.3	7.87		H	100.682 017 42	+11.771 476 78	A	2.49	1.37	−4.54	1.65	1.26	1.41	1.44	1.21	−2	+42	+1	−14	−8	−10	−12	−27	−11	−4	1	−0.33
32143		06 42 45.03	+32 33 32.0	6.74		G	100.687 644 28	+32.558 883 51		2.38	−7.37	−6.62	0.97	0.63	0.97	1.54	0.91	+47	+8	−27	−31	−56	+31	−39	−68	+32	+70	0	0.71
32144		06 42 46.08	−22 26 55.8	6.26		G	100.691 992 98	−22.448 835 50	A	20.45	−54.07	100.90	0.68	0.97	1.11	0.67	0.93	−8	+10	−11	+9	−34	+4	−33	+6	−2	+9	2	2.10
32145		06 42 46.84	−22 27 10.5	8.57		H	100.695 171 20	−22.452 928 33	B	6.79	−51.12	93.00	11.84	17.58	10.45	7.93	11.47	−8	+13	−9	+8	−33	+5	−31	+3	−2	+6	2	2.10
32146		06 42 47.49	−04 08 27.2	6.57		H	100.697 863 82	−04.140 882 97		14.21	−41.87	1.01	0.71	0.50	0.83	0.60	0.50	−20	+44	−24	−36	−2	−9	−2	−39	+4	+4	0	2.60
32147		06 42 48.15	−19 21 16.4	8.98		H	100.700 615 05	−19.354 550 16		4.58	−5.10	5.92	0.61	0.73	1.20	0.75	0.93	−4	−6	+3	+16	+17	−18	+15	−13	−1	−16	0	0.16
32148		06 42 48.84	−50 27 06.5	7.02		G	100.703 516 24	−50.451 811 58		2.03	−6.81	9.80	0.49	0.46	0.51	0.58	0.60	−4	+9	−9	+17	−4	−2	−5	+14	−5	−5	1	2.08
32149		06 42 50.74	−56 00 58.0	8.29		H	100.711 407 86	−56.016 097 27		3.76	−4.74	10.05	0.60	0.62	0.63	0.72	0.79	+3	+0	−7	+25	−9	+7	−12	−16	+2	−4	0	1.21
32150		06 42 51.49	+16 08 25.5	8.21		H	100.714 531 01	+16.140 410 39		3.57	0.01	−14.52	1.11	0.65	1.24	0.99	0.72	−19	+59	−30	+1	−6	−4	−4	−27	−2	+11	0	−0.12
32151		06 42 52.00	+56 41 35.1	7.34		G	100.716 660 90	+56.693 085 73		5.04	−13.64	−2.45	0.72	0.56	0.86	0.82	0.63	+9	+26	−14	+17	+15	−5	+16	−4	+15	+8	0	2.13
32152		06 42 52.31	+41 36 41.6	9.71		H	100.717 947 31	+41.611 545 58		2.76	−4.99	−12.77	1.31	0.86	1.56	1.54	1.03	−17	+39	−19	+4	−15	−13	−8	−17	+15	−4	0	2.27
*32153		06 42 52.62	−58 29 01.9	7.95		H	100.719 259 46	−58.483 851 02		2.34	0.58	4.61	0.57	0.53	0.58	0.62	0.59	+8	−2	−8	+2	−20	+4	−23	−15	+3	−8	1	−0.28
*32154		06 42 52.61	−33 35 30.2	9.84		G	100.719 202 24	−33.591 708 57		3.19	13.15	−17.02	0.76	0.96	1.13	0.94	1.22	−1	+4	+0	−5	+7	+21	+7	−10	−5	−4	0	0.38
32155		06 42 53.46	−30 07 39.6	9.98		G	100.722 745 06	−30.127 670 53		16.33	−129.98	98.34	0.90	1.09	1.36	1.06	1.45	−8	+12	+4	+13	−7	+2	−9	+15	−8	−5	0	3.34
32156	H	06 42 53.64	−55 06 54.7	7.88		H	100.723 508 18	−55.115 205 95	A	3.53	−8.86	9.50	0.71	0.78	0.73	0.72	0.95	−4	+20	+6	+12	+4	+0	−1	−8	−8	−21	1	−0.81
32157		06 42 53.98	+23 12 49.9	7.84		G	100.724 907 64	+23.213 856 90		1.81	−2.35	−8.69	1.15	0.56	1.22	1.21	0.74	+4	+45	+8	+8	+4	+8	+18	−52	+11	+19	2	−0.11
32158		06 42 55.27	+39 17 13.4	9.28		H	100.730 296 67	+39.287 059 83		3.70	0.14	−4.77	1.55	0.96	1.60	1.72	1.20	+2	+47	−10	−31	−9	−8	−7	−62	+8	+3	0	−2.10
32159		06 42 56.41	−30 51 22.2	12.31	2	H	100.735 043 28	−30.856 175 36		14.47	13.90	−65.10	2.55	3.28	4.12	2.98	4.29	+1	+2	+21	+16	−4	+0	−5	+18	−4	−6	0	1.29
32160		06 42 56.84	−11 45 57.9	7.77		H	100.736 839 24	−11.766 084 80		5.71	−24.19	−2.99	0.79	0.63	1.03	0.98	0.82	−24	+35	−27	−6	−14	−8	+0	−17	+38	−27	0	0.12
32161		06 42 57.06	−15 44 03.0	7.80		G	100.737 755 77	−15.734 162 26		10.52	38.94	−5.11	0.82	0.60	0.90	0.91	0.72	+1	+16	−16	−60	+15	−7	+20	−56	+30	−12	1	−2.48
32162		06 42 58.69	+34 07 40.0	7.68		H	100.744 550 56	+34.127 789 73		3.20	−9.88	−11.31	0.92	0.65	1.23	1.26	0.79	+0	+20	−39	−11	−41	+25	−11	−66	+42	+40	2	−0.35
32163		06 42 58.72	+44 38 52.6	9.12		H	100.744 655 11	+44.647 930 90		2.38	−5.10	−2.30	1.11	0.82	1.33	1.42	1.00	+1	+16	−3	−3	−19	+6	−15	−27	+5	+8	2	−0.09
32164		06 42 58.91	+21 35 34.3	9.04		H	100.745 463 60	+21.592 849 79		2.57	5.26	−1.13	1.27	0.56	1.34	1.17	0.77	−3	+63	−9	+5	−1	−3	+21	−47	+19	+23	0	0.02
32165		06 42 59.06	+58 17 39.6	8.57		H	100.746 070 96	+58.294 343 87		2.32	−9.26	3.31	0.95	0.74	1.19	1.16	0.99	−12	+29	−9	+18	+19	−5	+15	−13	+12	−34	0	−0.07
32166		06 42 59.42	−38 57 51.2	8.93		G	100.747 589 34	−38.964 234 27		2.75	−6.68	15.55	0.67	0.79	0.91	0.79	1.15	−2	+23	−23	+20	−1	+22	+8	+14	+16	+18	0	−1.29
32167		06 43 00.48	+24 08 10.8	8.93		H	100.751 990 65	+24.136 330 00		3.59	−6.39	−14.29	1.41	0.68	1.53	1.58	1.01	+13	+44	+1	+4	−5	−6	+4	−55	+21	+12	0	0.27
32168		06 43 01.20	+34 03 51.1	9.35		H	100.755 020 23	+34.064 201 67		6.25	−42.05	−14.50	1.31	0.92	1.66	1.77	1.12	+0	+25	−34	−24	−32	+22	−7	−70	+36	+32	0	0.97
32169		06 43 01.86	+52 53 57.1	8.26		H	100.757 738 56	+52.899 189 95		2.23	−7.90	−9.98	0.84	0.57	1.01	0.97	0.75	−15	+31	−9	+18	+27	−7	+29	−7	+28	−33	2	−0.79
32170		06 43 02.04	+13 22 54.1	9.22		H	100.758 487 01	+13.381 689 40		2.80	−4.45	−6.63	1.11	0.71	1.28	1.11	0.80	−19	+49	−30	−4	+18	−27	+12	−28	−7	+12	0	−1.30
32171		06 43 02.27	−13 41 53.0	7.14		G	100.759 452 42	−13.698 065 65		5.93	−4.90	−21.64	0.93	0.66	1.03	1.13	0.85	−29	+42	−19	−35	+14	−10	+18	−36	+17	−40	0	−0.31
32172		06 43 02.37	−37 22 11.6	8.00		G	100.759 895 65	−37.369 884 19		2.44	−0.67	4.34	0.53	0.62	0.71	0.61	0.90	+12	+7	−10	+8	+7	+22	+13	+5	+9	+13	0	−1.39
32173		06 43 05.01	+44 31 28.3	5.04		H	100.770 867 94	+44.524 523 51		10.66	−45.05	−30.28	0.61	0.45	0.71	0.78	0.55	+5	+21	−1	−9	−22	+7	−18	−32	+9	+8	0	0.12
32174		06 43 05.90	+76 40 43.3	9.69		H	100.774 580 04	+76.678 688 27		3.43	−0.03	−10.76	0.89	0.81	1.17	1.03	0.82	−3	+30	−17	+17	+4	+3	+6	−9	+3	+8	0	0.08
32175		06 43 06.05	−29 14 14.4	7.28		H	100.775 204 77	−29.237 335 60		4.85	−2.23	2.20	0.46	0.52	0.71	0.54	0.59	+0	+8	+2	+5	−18	+13	−18	+13	+7	+8	0	−0.70
32176		06 43 06.25	−08 02 36.1	8.96		H	100.776 024 69	−08.043 372 86		2.01	2.32	3.38	1.12	0.95	1.34	1.11	1.00	+19	+25	−27	−48	−39	+3	−33	−50	+21	+34	4	0.31
32177		06 43 06.61	+03 02 01.8	6.18		G	100.777 536 50	+03.033 823 19		3.94	9.28	−9.25	0.76	0.48	0.88	0.70	0.59	+10	+46	+10	−27	−15	−21	−16	−56	−26	+30	0	−0.82
32178		06 43 06.66	−69 17 52.1	8.90		H	100.777 732 84	−69.297 806 51		3.11	−3.56	12.48	0.70	0.68	0.72	0.78	0.88	−4	+4	−7	+4	−10	−1	−11	−1	+8	+2	0	−0.22
32179		06 43 06.76	−19 28 24.1	8.71		H	100.778 176 57	−19.473 358 66		4.64	−3.11	−1.26	0.60	0.72	1.09	0.80	0.97	−3	−2	−5	+13	+15	−16	+12	−15	−3	−13	0	0.16
32180		06 43 07.51	+20 56 20.8	9.79	3	T	100.781 300 23	+20.939 113 73		−0.18	−1.74	1.88	1.49	0.92	1.60	1.73	1.33	−13	+34	+2	−1	+16	+3	+13	−44	+6	−25	0	−1.20
32181	H	06 43 08.75	+50 03 36.5	8.91		H	100.786 453 68	+50.060 147 38	A	2.37	−5.97	−1.89	1.78	1.38	1.97	1.99	1.37	−20	+36	−27	−23	+0	+5	+9	−50	+4	+4	1	−0.10
32182		06 43 08.97	+17 57 47.7	7.93		H	100.787 362 17	+17.963 252 39		4.00	1.43	−19.76	1.36	0.83	0.99	1.66	1.25	+64	−3	−18	−55	−65	+2	−69	−75	+11	+63	0	0.49
32183		06 43 09.25	−11 46 43.6	10.29		G	100.788 520 86	−11.778 785 98		1.05	−5.55	3.62	1.34	1.14	1.75	1.68	1.36	−24	+40	−31	−8	−7	−3	+3	−22	+25	−26	0	−0.23
32184		06 43 09.82	+49 44 53.5	8.87		H	100.790 915 98	+49.748 192 93		3.08	−10.20	−15.48	1.04	0.76	1.25	1.27	0.87	−3	+38	−16	−13	−14	+1	−6	−41	+6	+19	0	−1.68
32185	H	06 43 09.90	−28 21 09.9	7.29		H	100.791 247 92	−28.352 746 00	*	5.20	1.47	−11.77	3.95	0.87	0.78	0.64	0.74	−53	+2	−3	+8	−9	−2	−9	+16	−9	−9	3	−0.16
*32186		06 43 12.48	−15 50 00.4	7.68		H	100.802 011 77	−15.833 431 59		6.31	−36.98	8.41	0.87	0.66	1.02	0.93	0.79	+0	+6	−34	−62	+18	−18	+17	−60	+33	−13	1	−1.65
*32187		06 43 12.48	−08 45 30.2	9.91	2	G	100.801 996 27	−08.758 388 45		1.50	−2.44	4.18	1.47	1.11	1.62	1.38	1.20	−34	+32	−20	−47	+15	−16	+17	−47	+21	−30	0	−0.69
32188		06 43 13.15	−00 01 16.7	7.49		H	100.804 808 80	−00.021 303 45		5.14	−8.65	8.54	0.80	0.53	0.96	0.77	0.60	−13	+35	−24	−38	−17	−2	−17	−44	+2	+16	0	0.29
32189		06 43 13.57	−50 39 03.1	9.28		H	100.806 561 57	−50.650 858 36		4.85	−13.87	52.27	0.83	0.78	0.88	0.97	1.03	−5	+22	+2	−7	−6	+2	−8	−4	−8	−13	0	0.90
32190		06 43 13.72	+37 08 50.7	6.21		H	100.807 183 25	+37.147 430 34		6.82	25.24	−22.54	0.74	0.41	0.82	0.76	0.46	−5	+50	−5	+5	+5	−4	+9	−37	−3	+13	0	−1.31
32191		06 43 13.86	−02 45 05.1	7.79		H	100.807 753 95	−02.751 422 18		3.00	−9.16	1.38	1.41	1.00	1.59	1.45	1.25	−22	+24	−14	−33	−2	−3	−4	−42	+3	−15	0	
32192		06 43 13.92	−48 13 24.0	8.04		H	100.807 997 03	−48.223 345 57		4.08	−14.96	8.52	0.65	0.66	0.73	0.74	0.79	+7	−6	+1	−13	−10	+9	−10	−9	+0	+7	3	0.47
32193		06 43 14.35	−21 51 44.6	7.27		H	100.809 799 42	−21.862 396 66		3.51	−5.83	6.91	0.45	0.59	0.81	0.56	0.68	−23	+22	−17	−19	+9	−21	+9	−31	+20	−30	0	0.85
32194		06 43 14.78	+26 56 24.6	8.95		H	100.811 595 56	+26.940 178 92		2.81	7.30	−31.70	1.55	0.96	1.92	2.42	1.53	−32	+12	−27	−14	+1	+50	+38	−76	+37	+18	2	0.39
32195		06 43 15.11	+54 06 46.7	7.80		H	100.812 969 20	+54.112 962 21		7.57	−3.07	−20.19	0.80	0.52	0.88	0.86	0.55	+1	+29	−18	+43	+22	−7	+23	+12	+13	+5	0	−1.94
32196	H	06 43 15.26	+06 07 01.2	7.87		H	100.813 583 65	+06.117 009 47	A	4.13	−6.45	−6.68	1.27	0.87	1.24	1.14	0.96	−33	+42	−1	−21	+9	−2	+15	−60	−5	−15	1	−0.10
32197		06 43 15.94	−13 51 42.5	8.97		H	100.816 422 40	−13.861 816 05		1.51	−1.41	−10.75	1.18	0.94	1.40	1.44	1.21	−22	+47	−21	−31	+9	−4	+11	−30	+7	−43	2	2.21
32198		06 43 16.36	−56 35 42.6	9.03		H	100.818 183 11	−56.595 178 00		3.54	−8.06	6.97	0.67	0.74	0.73	0.74	0.89	−1	+4	+11	+17	−2	−1	−7	−29	−10	−11	0	0.78
32199		06 43 16.87	−63 08 10.1	8.08		H	100.820 294 89	−63.136 129 22		1.10	−1.58	28.37	0.67	0.63	0.68	0.81	0.76	−1	+14	+7	+1	−11	+3	−11	−3	−1	−10	1	0.95
32200	H	06 43 17.14	−66 30 03.7	8.05		H	100.821 409 11	−66.501 032 15	A	2.87	−1.81	6.38	0.99	0.87	0.90	0.66	0.92	−5	+37	+10	−68	+1	−26	+11	−9	+8	−19	2	−0.13

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
32101	8.726	0.007	8.874	0.010		−0.119	0.015	G	−0.10	0.02	H	8.8595	0.0016	0.023	271		8.82	8.90					1							P
32102	10.354	0.022	8.890	0.011		1.234	0.019	T	1.19	0.02	L	8.9277	0.0017	0.024	204		8.89	8.97					1							
32103	9.470	0.016	8.609	0.013		0.755	0.016	T	0.80	0.01	L	8.6750	0.0016	0.017	110		8.66	8.71					1							
32104			5.286	0.007		0.063	0.008	G	0.06	0.00	L	5.2513	0.0008	0.004	42		5.24	5.27		C			1 O							S
32105	10.384	0.028	8.496	0.012		1.568	0.024	T	1.59	0.03	L	8.4601	0.0017	0.018	107		8.43	8.50					1							
32106	6.663	0.004	6.702	0.005		−0.039	0.002	G	−0.02	0.00	H	6.7114	0.0006	0.007	114		6.70	6.73		C			1							S
32107	10.884	0.056	10.125	0.045		0.677	0.055	T	0.74	0.05	L	10.1926	0.0030	0.020	79		10.15	10.23		C			1							G
32108	8.758	0.011	8.898	0.015		−0.120	0.016	T	−0.11	0.02	L	8.8903	0.0019	0.017	104		8.86	8.92		C			1							
32109	8.225	0.007	8.114	0.008		0.108	0.010	T	0.12	0.01	L	8.1539	0.0012	0.017	169		8.13	8.18					1							S
32110	8.482	0.011	8.349	0.013		0.128	0.016	T	0.14	0.02	L	8.3840	0.0012	0.014	91		8.36	8.41			06425+3902	I 1	1							S
32111	8.698	0.010	8.091	0.009	A	0.597	0.005	G	0.67	0.00	H *	8.0734	0.0013	0.013	114	*	8.05	8.09		D	06425−4234	I 1	2 C A	AB	191	2.412	0.021	2.89	0.08	S
32112	6.854	0.004	7.000	0.005	*	−0.126	0.005	T	−0.12	0.01	L *	7.0324	0.0006	0.010	237	*	7.01	7.05		D	06425−2314	I 1	2 C A	AB	215	5.834	0.006	2.82	0.03	S
32113	10.550	0.038	8.926	0.017		1.360	0.033	T	1.33	0.04	L	8.9069	0.0016	0.015	96		8.87	8.93		C			1 S							
32114	9.217	0.009	8.572	0.008	*	0.599	0.010	T	0.67	0.01	L *	8.5880	0.0014	0.019	271	*	8.55	8.62		D	06425+7035	I 1	2 C A	AB	246	0.542	0.003	0.64	0.01	S
32115	11.039	0.065	9.357	0.025		1.405	0.055	T	1.38	0.07	L	9.5895	0.2011	1.251	113		8.08	11.46	188.70	P 1 A			1 V							G
32116	9.359	0.016	8.156	0.010		1.029	0.015	T	1.00	0.01	L	8.2199	0.0011	0.010	107		8.20	8.24		C			1							
32117	7.779	0.007	7.209	0.007	A	0.578	0.015	G	0.65	0.01	H *	7.1908	0.0008	0.011	178	*	7.18	7.21		D	06425+6612	I 1	2 C A	AB	309	1.628	0.006	2.12	0.02	S
32118	8.257	0.008	8.155	0.010		0.092	0.012	T	0.10	0.01	L	8.1779	0.0013	0.013	136		8.15	8.21					1							S
32119	8.589	0.015	8.515	0.018	A	0.060	0.015	G	0.07	0.01	H	8.5657	0.0298	0.032	62	A	8.46	8.61		D	06425−0934	M 1	2 C A	AB	26	19.797	0.024	1.65	0.14	P
32120	7.447	0.006	7.464	0.009		−0.011	0.010	T	0.01	0.01	L	7.4622	0.0012	0.010	88		7.44	7.48		M			1							S
32121	9.522	0.021	7.597	0.010		1.598	0.018	T	1.62	0.02	L	7.5225	0.0014	0.016	78		7.49	7.54		M	06425+5942	I 1	1							S
32122	9.377	0.021	8.947	0.021		0.406	0.027	T	0.47	0.03	L	8.9880	0.0021	0.013	72		8.96	9.01		C			1							
32123	9.955	0.019	8.728	0.011		1.048	0.017	T	1.02	0.01	L	8.7955	0.0014	0.018	182		8.77	8.83					1							
32124	8.012	0.007	8.029	0.009		−0.011	0.010	T	0.01	0.01	L	8.0494	0.0011	0.011	116		8.03	8.07		C			1							S
32125	7.464	0.007	7.085	0.006		0.359	0.009	T	0.42	0.01	L	7.1244	0.0009	0.008	99		7.11	7.14		C			1							S
32126	8.875	0.016	7.573	0.010		1.107	0.015	T	1.07	0.02	L	7.6154	0.0012	0.009	103		7.60	7.63					1							S
32127	10.314	0.031	9.557	0.026		0.726	0.015	G	0.77	0.01	H	9.6136	0.0024	0.017	95		9.58	9.64		C			1							
32128	10.976	0.048	9.928	0.030		0.910	0.043	T	0.91	0.03	L	9.9818	0.0034	0.030	122		9.93	10.03					1							
32129	9.142	0.014	8.808	0.015		0.317	0.019	T	0.37	0.03	L	8.8570	0.0015	0.015	108		8.82	8.89					1							
32130	11.167	0.058	10.023	0.033		0.990	0.015	G	0.97	0.01	H	10.1183	0.0028	0.024	130		10.07	10.16					1							G
32131	7.774	0.010	7.622	0.010		0.146	0.013	T	0.16	0.01	L	7.6409	0.0016	0.010	61		7.63	7.66		C			1							S
32132	10.110	0.033	9.336	0.026	*	0.704	0.033	T	0.76	0.03	L *	9.3765	0.0029	0.019	83	*	9.34	9.41			06426+3955	H 1	2 C S C	AB	185	0.151	0.063	1.92	1.15	
32133	7.340	0.006	7.289	0.007		0.052	0.009	T	0.06	0.01	L	7.3085	0.0009	0.009	95		7.30	7.33		D			1							S
32134	10.390	0.040	8.676	0.017	A	1.431	0.034	T	1.42	0.05	L	8.6725	0.0150	0.025	71	A	8.63	8.71			06427−1256	M 1	2 C A	AB	178	14.528	0.024	2.54	0.16	
32135	7.887	0.008	7.347	0.007		0.498	0.015	G	0.57	0.02	H	7.3985	0.0010	0.010	82		7.38	7.42		C			1							S
32136	7.864	0.007	7.854	0.009		−0.006	0.003	G	0.01	0.00	H	7.8687	0.0012	0.014	127		7.85	7.89		C			1							S
32137	8.042	0.028	7.988	0.033	A	0.147	0.007	G	0.16	0.01	R *	7.8946	0.0015	0.012	87	*	7.87	7.92		D	06427+0143	I 2	2 C A	AB	194	6.659	0.007	2.71	0.03	S
32138	9.369	0.017	8.957	0.017		0.350	0.020	G	0.41	0.03	H	9.0803	0.0020	0.019	77		9.05	9.11		C	06427+0143	I 2	1							
32139	9.483	0.023	8.159	0.014		1.124	0.021	T	1.09	0.02	L	8.2024	0.0012	0.012	72		8.18	8.22					1							
32140	7.098	0.006	6.802	0.005	*	0.281	0.008	T	0.32	0.01	L *	6.8320	0.0012	0.011	124	*	6.81	6.85		D	06427−3243	H 1	2 C A	AB	0	0.281	0.003	1.28	0.04	S
32141	8.530	0.012	8.497	0.015		0.035	0.018	T	0.05	0.01	L	8.5302	0.0013	0.015	88		8.51	8.56					1							
32142	7.865	0.012	7.873	0.012	*	−0.003	0.016	T	0.02	0.01	L *	7.8761	0.0016	0.011	55	*	7.86	7.90		D	06427+1146	H 1	2 C A	AB	31	0.473	0.012	2.40	0.04	S
32143	8.689	0.014	6.902	0.007		1.470	0.020	G	1.48	0.03	H	6.8811	0.0009	0.007	76		6.87	6.89		C			1							S
32144	6.621	0.003	6.269	0.003	A	0.321	0.002	G	0.37	0.00	H	6.3324	0.0066	0.039	283	A	6.27	6.39		D	06428−2227	I 2	1 C P A							S
32145	9.025	0.010	8.303	0.008	B	0.663	0.010	T	0.72	0.01	L	8.8953	0.0550			B				D	06428−2227	I 2	1 C I A							
32146	7.138	0.006	6.626	0.006		0.501	0.007	G	0.57	0.01	H	6.6849	0.0009	0.008	96		6.67	6.70		C			1							S
32147	8.964	0.011	8.971	0.014		−0.005	0.016	T	0.02	0.01	L	8.9888	0.0025	0.025	159		8.95	9.04					1							
32148	6.807	0.004	6.974	0.006		−0.140	0.002	G	−0.13	0.00	H	6.9652	0.0010	0.010	108		6.95	6.98			06428−5027	I 1	1							S
32149	8.254	0.009	8.276	0.012		−0.035	0.002	G	−0.01	0.00	H	8.2842	0.0014	0.012	91		8.27	8.30		C			1							S
32150	10.333	0.036	8.403	0.014		1.602	0.031	T	1.62	0.03	L	8.3231	0.0017	0.012	56		8.30	8.35					1							
32151	7.626	0.009	7.348	0.008		0.237	0.001	G	0.26	0.00	H	7.4023	0.0013	0.012	73		7.39	7.43					1							S
32152	10.258	0.035	9.816	0.036		0.417	0.046	T	0.48	0.05	L	9.8031	0.0028	0.023	93		9.76	9.84			06429+4137	I 1	1							G
32153	9.945	0.019	8.118	0.009		1.520	0.017	T	1.56	0.03	L	8.0700	0.0015	0.014	122		8.05	8.10					1							
32154	10.409	0.031	9.957	0.032		0.451	0.004	G	0.52	0.00	H	9.9541	0.0023	0.022	126		9.92	9.99		C			1							G
32155	11.056	0.051	10.051	0.034		0.860	0.015	G	0.90	0.01	H	10.1065	0.0023	0.030	132		10.06	10.16					1							G
32156	7.731	0.009	7.873	0.015	*	−0.093	0.003	G	−0.07	0.00	H *	7.8565	0.0012	0.012	101	*	7.84	7.88		D	06429−5507	I 1	2 C A	AB	359	5.641	0.017	3.30	0.09	S
32157	8.638	0.012	7.905	0.010		0.686	0.015	G	0.74	0.01	H	7.9786	0.0014	0.010	92		7.96	8.00		C			1							S
32158	9.368	0.018	9.282	0.023		0.084	0.027	T	0.10	0.03	L	9.3110	0.0033	0.022	95		9.27	9.35					1 G							
32159											T	12.4484	0.0090	0.115	116		12.29	12.68		U			1							D G
32160	7.810	0.011	7.772	0.011		0.040	0.014	T	0.06	0.01	L	7.7903	0.0015	0.012	77		7.77	7.82		C			1							S
32161	8.326	0.010	7.880	0.009		0.430	0.015	G	0.50	0.02	H	7.8992	0.0010	0.015	159		7.88	7.93					1							S
32162	7.769	0.007	7.681	0.008		0.086	0.010	T	0.10	0.01	L	7.7190	0.0013	0.010	114		7.70	7.73		C			1							S
32163	10.573	0.041	9.205	0.021		1.158	0.036	T	1.12	0.03	L	9.2903	0.0019	0.016	82		9.26	9.33		C			1							
32164	8.944	0.015	9.025	0.021		−0.069	0.023	T	−0.05	0.02	L	9.0268	0.0016	0.014	91		9.00	9.05		C			1							
32165	9.665	0.026	8.639	0.018		0.894	0.024	T	0.90	0.02	L	8.7327	0.0020	0.014	71		8.71	8.76		C			1							
32166	8.894	0.013	8.916	0.017		−0.023	0.002	G	0.00	0.00	H	8.9297	0.0023	0.016	96		8.90	8.96		C			1							
32167	9.241	0.015	8.972	0.016		0.256	0.021	T	0.29	0.03	L	8.9990	0.0022	0.015	98		8.97	9.03		C			1							
32168	9.860	0.023	9.379	0.023		0.453	0.030	T	0.52	0.03	L	9.4453	0.0020	0.019	114		9.42	9.48		C			1							
32169	9.750	0.021	8.375	0.012		1.164	0.019	T	1.13	0.02	L	8.4223	0.0017	0.013	108		8.40	8.44		C			1							
32170	9.109	0.021	9.244	0.031		−0.117	0.033	T	−0.10	0.04	L	9.1850	0.0025	0.018	56		9.16	9.22		C			1							
32171	7.209	0.006	7.131	0.009		0.053	0.015	G	0.07	0.01	H	7.1627	0.0013	0.010	66		7.15	7.19		C			1							S
32172	7.883	0.007	7.965	0.009		−0.081	0.009	G	−0.06	0.01	H	7.9797	0.0010	0.012	124		7.96	8.00		C			1							S
32173	6.983	0.006	5.208	0.004		1.479	0.006	T	1.50	0.01	L	5.1674	0.0009	0.006	78		5.16	5.18		C			1							S
32174	10.140	0.022	9.745	0.024		0.374	0.030	T	0.44	0.03	L	9.7746	0.0027	0.033	168		9.71	9.83					1							
32175	7.281	0.005	7.272	0.006		−0.004	0.005	G	0.02	0.00	L	7.2927	0.0008	0.010	150		7.27	7.31					1							S
32176	10.156	0.033	9.042	0.020		0.960	0.030	T	0.95	0.02	L	9.1210	0.0024	0.019	73		9.09	9.16		C			1							
32177	7.978	0.009	6.339	0.004		1.366	0.003	G	1.28	0.04	E	6.3418	0.0007	0.006	103		6.33	6.35					1							S
32178	8.848	0.014	8.894	0.018		−0.039	0.020	T	−0.02	0.02	L	8.8904	0.0018	0.014	91		8.86	8.91		C			1							
32179	9.963	0.020	8.824	0.013		0.979	0.019	T	0.96	0.01	L	8.8724	0.0019	0.018	152		8.84	8.90		C			1							
32180	10.597	0.044	9.864	0.036		0.672	0.045	T	0.73	0.04	L	9.9898	0.0381	0.248	91		9.66	10.27	3.79	P 1 A			1							G
32181	9.216	0.020	9.002	0.023	A	0.800	0.495	G	0.43	0.07	L *	8.9984	0.0024	0.015	69	*	8.98	9.02		C	06431+5004	I 1	2 C C	AB	263	5.980	0.063	3.73	0.30	
32182	8.202	0.010	7.961	0.016		0.230	0.018	T	0.26	0.02	L	7.9980	0.0012	0.010	67		7.97	8.02		C			1							S
32183	10.326	0.037	10.195	0.051		0.013	0.004	G	0.03	0.00	H	10.2772	0.0028	0.028	79		10.23	10.32		C			1							G
32184	10.267	0.031	8.966	0.018		1.106	0.028	T	1.07	0.03	L	9.0350	0.0018	0.014	81		9.01	9.05		C			1							
32185	7.351	0.005	7.305	0.005	*	0.047	0.006	T	0.06	0.01	L *	7.3150	0.0012	0.013	166	*	7.29	7.34			06432−2821	H 1	2 C C	AB	8	0.114	0.037	1.60	0.88	S
32186	9.276	0.013	7.835	0.007		1.216	0.012	T	1.18	0.01	L	7.8407	0.0015	0.015	152		7.82	7.88					1							
32187						3.100	0.015	G	3.11	0.01	J	9.8857	0.0107	0.098	61		9.72	9.98		U 2			1 S							G P
32188	8.817	0.010	7.614	0.007		1.029	0.010	T	1.00	0.01	L	7.6613	0.0009	0.010	138		7.64	7.68			06432−0001	I 1	1							S
32189	10.600	0.038	9.356	0.021		1.061	0.034	T	1.03	0.03	L	9.4474	0.0017	0.017	106		9.42	9.47		C			1							
32190	7.523	0.006	6.324	0.004		1.026	0.006	T	1.00	0.01	L	6.3777	0.0008	0.007	112		6.37	6.39		C			1							S
32191	9.394	0.018	7.957	0.010		1.212	0.016	T	1.17	0.02	L	7.9576	0.0015	0.014	98		7.94	7.98		C	06432−0245	I 1	1 X S							
32192	9.409	0.018	8.182	0.011		1.048	0.016	T	1.02	0.01	L	8.2064	0.0016	0.014	107		8.18	8.24		C			1							S
32193	7.064	0.004	7.232	0.005		−0.145	0.006	T	−0.14	0.01	L	7.2231	0.0010	0.013	184		7.20	7.25					1							S
32194	9.502	0.021	8.992	0.021		0.479	0.027	T	0.55	0.03	L	9.0590	0.0026	0.015	80		9.03	9.08		C			1							
32195	8.339	0.012	7.843	0.010		0.466	0.014	T	0.54	0.01	L	7.9062	0.0013	0.011	99		7.88	7.93		C			1							S
32196	8.084	0.007	7.994	0.009	A	0.030	0.064	G	0.11	0.07	B *	7.9063	0.0013	0.010	102	*	7.89	7.92		D	06433+0607	I 1	2 C A	AB	300	4.478	0.010	2.27	0.03	
32197	9.160	0.019	9.006	0.023		0.140	0.028	T	0.15	0.03	L	9.0177	0.0014	0.020	68		8.99	9.06		D			1							
32198	10.181	0.027	9.114	0.018		0.924	0.025	T	0.92	0.02	L	9.1928	0.0019	0.016	104		9.17	9.22		C			1							
32199	9.713	0.020	8.186	0.011		1.283	0.018	T	1.24	0.02	L	8.2394	0.0020	0.016	107		8.21	8.28		C			1							
32200	7.974	0.009	8.006	0.011	*	−0.025	0.013	T	0.00	0.01	L *	8.0521	0.0019	0.014	95	*	8.03	8.07		D	06433−6630	I 1	2 C A	AB	75	8.923	0.010	2.85	0.06	S

Number		Descriptor: epoch J1991.25					Position: epoch J1991.25			Par.	Proper Motion		Standard Errors					Astrometric Correlations (%)										Soln	
HIP		RA h m s	Dec ±° ′ ″	V mag			α (ICRS) deg	δ deg		π mas	$\mu_{\alpha*}$ mas/yr	μ_δ mas/yr	α* mas	δ mas	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ mas/yr	δ/α*	π/α*	π/δ	$\mu_{\alpha*}$/α*	$\mu_{\alpha*}$/δ	$\mu_{\alpha*}$/π	μ_δ/α*	μ_δ/δ	μ_δ/π	μ_δ/$\mu_{\alpha*}$	F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
32201		06 43 17.37	+75 04 07.0	8.04		G	100.822 392 48	+75.068 618 50		6.86	−16.97	−32.46	0.49	0.57	0.78	0.56	0.65	+11	+0	−5	+6	+1	+15	+2	−12	+5	+10	0	2.50
32202		06 43 18.37	+18 08 43.3	7.79		H	100.826 523 46	+18.145 354 03		1.26	−3.78	−5.25	1.08	0.68	1.05	1.48	0.98	+38	+9	−21	−28	−41	−13	−42	−61	+9	+47	0	0.18
32203		06 43 18.92	−35 37 52.0	8.55		H	100.828 845 37	−35.631 102 49		4.78	−3.24	3.80	0.62	0.77	0.87	0.72	0.99	−2	+12	−18	+12	+6	+6	+2	+34	−19	+11	0	0.94
32204		06 43 19.38	+49 24 13.5	7.46		H	100.830 749 09	+49.403 738 76		6.19	44.99	−13.03	0.77	0.57	0.94	0.97	0.67	−6	+33	−25	+10	−11	+17	+9	−31	+25	+28	0	0.23
32205		06 43 19.74	−26 28 14.1	8.13		H	100.832 235 53	−26.470 572 65		9.07	−4.10	−10.76	0.51	0.68	0.85	0.61	0.80	−10	−6	−3	+4	−20	−11	−21	+9	+11	−11	0	−0.85
32206		06 43 21.32	−40 54 32.2	7.70		H	100.838 852 26	−40.908 957 59		2.08	1.09	3.38	0.50	0.56	0.62	0.54	0.69	−4	+10	−11	+6	−9	+10	−9	+8	−1	−3	0	0.11
32207		06 43 21.66	−62 36 59.7	8.62		H	100.840 233 49	−62.616 573 41		4.14	4.61	−1.59	0.72	0.68	0.72	0.93	0.92	+6	+8	+3	−9	−5	+4	−6	+18	−4	+7	1	0.02
32208		06 43 23.35	−39 11 35.1	6.30		G	100.847 311 79	−39.193 081 57		5.94	−2.92	−15.13	0.48	0.78	0.62	0.58	2.15	+15	+2	−34	+11	−14	+18	−2	−9	+6	+31	1	−2.52
32209		06 43 23.54	+27 15 08.4	10.92		H	100.848 074 29	+27.252 334 97		−4.35	−11.99	−17.27	2.47	1.55	2.83	3.96	2.44	+6	+0	−5	−38	−4	+49	−3	−75	+13	+9	4	0.77
32210		06 43 24.20	−05 43 01.3	8.77		H	100.850 848 77	−05.717 026 37		3.40	−0.77	−0.03	1.00	0.78	1.37	1.12	1.01	−6	+29	−25	−24	−15	−30	−21	−21	+18	+5	0	1.93
32211		06 43 24.78	+39 57 39.0	9.05		H	100.853 243 10	+39.960 821 64		7.61	39.07	−30.67	1.31	0.87	1.45	1.64	1.12	+3	+36	−8	−29	−18	+2	−17	−54	+3	+2	0	−0.33
32212		06 43 26.90	+05 50 55.7	7.16		H	100.862 088 83	+05.848 797 51		3.40	−17.49	−0.04	0.82	0.63	0.92	1.08	0.83	−6	+32	+2	−31	+11	−21	+3	−76	−5	−18	0	−1.24
32213		06 43 30.70	−29 38 07.5	8.43		H	100.877 905 45	−29.635 417 63		6.03	14.73	6.10	0.60	0.67	0.91	0.72	0.81	−1	+7	−7	+19	−7	+4	−8	+19	−17	+15	0	1.10
32214		06 43 32.24	−03 24 09.5	9.47		G	100.884 336 40	−03.402 651 58		3.66	1.28	−3.99	1.14	0.81	1.30	1.18	1.03	−7	+32	−2	−42	−6	−6	−9	−54	−1	−8	0	0.25
32215		06 43 32.49	+31 22 26.0	8.32		H	100.885 354 33	+31.373 894 45		4.09	−2.12	2.35	1.17	0.58	1.26	1.29	0.76	−14	+51	−25	+30	−10	−1	+8	−16	+20	+17	0	0.94
32216		06 43 32.87	−13 11 45.6	8.20		G	100.886 941 79	−13.196 001 94		3.03	−10.43	1.42	0.96	0.77	1.14	1.37	1.26	+10	+24	−34	−39	−38	+5	−38	−36	+17	+45	0	0.79
*32217		06 43 33.15	+41 18 04.9	9.11	2	H	100.888 104 68	+41.301 354 29		4.47	3.31	−5.83	1.10	0.74	1.32	1.40	0.95	−15	+25	−20	+20	−28	+3	−17	−18	+26	−1	4	2.57
*32218		06 43 33.09	−53 01 26.3	8.59	2	H	100.887 862 78	−53.023 967 82		2.29	4.22	8.52	0.76	0.64	0.75	0.78	0.78	+4	+20	+3	−18	−3	+13	−3	−15	−1	−9	0	−1.61
32219		06 43 33.61	−44 03 18.3	8.27		G	100.890 028 34	−44.055 073 04		5.72	−9.03	24.79	0.62	0.71	0.76	0.65	1.04	−5	−3	−4	+13	+5	+5	+6	+0	−3	−11	0	0.77
32220	H	06 43 33.81	+11 09 04.9	8.86		H	100.890 867 26	+11.151 349 32	A	3.67	−3.62	−0.15	2.37	1.53	2.39	2.28	1.83	−8	+26	+9	−4	+12	−14	+8	−53	−19	−9	1	1.43
32221		06 43 36.09	−01 20 48.4	7.53	2	H	100.900 375 39	−01.346 781 54		2.89	−4.61	−4.55	0.76	0.49	0.89	0.89	0.72	−20	+27	−17	−20	−11	−6	−17	−30	+0	−14	0	−0.79
32222		06 43 36.73	−73 07 04.7	6.36		H	100.903 053 37	−73.117 969 53		7.76	12.43	−98.28	0.49	0.45	0.49	0.49	0.52	−7	+15	+4	−10	−8	+18	−11	−6	−10	−23	0	−0.43
32223		06 43 37.17	−37 46 25.7	7.32		H	100.904 873 23	−37.773 815 88		4.53	−17.00	18.16	0.50	0.56	0.65	0.56	0.82	+5	+16	−12	+8	+6	+17	+12	+10	+8	+12	0	−0.83
32224		06 43 37.29	+16 46 58.5	7.85		H	100.905 385 22	+16.782 912 61		4.43	0.39	−5.68	0.88	0.52	0.94	0.93	0.65	−11	+43	−21	−8	−12	−10	−8	−41	+2	+14	0	−1.27
32225		06 43 38.16	+28 24 06.5	8.25		H	100.908 983 62	+28.401 810 54		4.47	14.20	−38.85	1.19	0.66	1.31	1.77	1.09	+2	+25	−14	+14	+9	+2	+12	−53	+24	+0	0	0.46
32226		06 43 38.65	+03 55 57.1	5.88		H	100.911 024 53	+03.932 534 83		−0.14	−0.60	−2.88	0.67	0.44	0.76	0.66	0.52	−7	+36	−15	−10	−9	−12	−1	−47	−1	+24	0	−2.13
32227		06 43 39.59	+61 44 45.4	9.37		H	100.914 938 59	+61.745 951 62		−1.15	11.73	−0.45	1.04	0.95	1.42	1.55	1.16	+20	+12	−7	+31	+7	+6	+6	+0	−2	+18	0	0.28
32228		06 43 40.25	+48 06 48.3	9.07		H	100.917 721 17	+48.113 404 18		1.91	−0.81	−7.77	1.09	0.78	1.20	1.42	0.93	+3	+28	−5	−21	−7	+2	−6	−40	−8	+16	0	−1.16
32229		06 43 41.33	+52 08 14.3	9.04		G	100.922 206 98	+52.137 296 00		−1.08	−2.23	−0.91	0.93	0.70	1.16	1.14	0.93	−25	+21	+9	−2	+46	+9	+42	−21	+1	−56	0	−0.15
32230		06 43 41.95	+59 06 28.7	8.92		H	100.924 792 40	+59.107 965 88		2.51	0.75	7.98	1.18	0.85	1.33	1.46	0.99	−9	+39	−15	−7	+22	+13	+25	−30	+18	−9	0	−0.82
32231		06 43 42.74	−39 51 53.8	7.67		H	100.928 103 75	−39.864 946 83		5.28	1.65	−29.10	0.51	0.59	0.67	0.54	0.77	+3	+12	−17	+1	−6	+13	−3	+13	+17	+9	3	1.33
32232		06 43 43.04	+26 13 33.5	9.41		H	100.929 351 21	+26.225 963 64		2.51	−0.50	−1.70	1.50	0.81	1.51	1.94	1.19	−12	+12	+6	+15	+19	+16	+37	−57	−2	+14	0	−0.02
32233		06 43 43.66	+05 16 15.8	9.15		H	100.931 924 28	+05.271 066 06		−1.14	2.85	−1.20	1.10	0.70	1.26	1.17	0.93	−1	+24	+14	−25	−11	−27	−14	−60	−20	+3	2	−0.46
32234		06 43 45.25	+22 27 56.3	8.32		H	100.938 540 24	+22.465 636 13		1.93	4.24	−15.23	1.33	0.62	1.47	1.66	0.94	+10	+47	−16	+11	−24	+19	+11	−56	+35	+48	0	−0.43
32235		06 43 46.23	−71 58 35.9	8.94	1	H	100.942 631 54	−71.976 644 99		17.70	7.27	60.59	0.73	0.77	0.79	0.84	0.89	−6	+26	+8	−13	+9	+8	+5	−23	−6	−30	0	−1.41
32236		06 43 46.56	+35 15 04.0	8.32		H	100.944 003 39	+35.251 098 39		5.28	−7.62	−22.24	0.94	0.66	1.15	1.26	0.79	+19	+9	−32	−26	−50	+32	−33	−67	+36	+42	0	0.85
32237		06 43 46.74	+50 08 43.6	8.45		H	100.944 764 53	+50.145 434 04		9.00	−29.37	−105.75	1.00	0.78	1.19	1.32	0.90	−2	+15	−10	−7	+4	+15	+8	−28	+1	+15	0	0.54
32238		06 43 47.21	+18 39 21.3	7.48		H	100.946 700 70	+18.655 917 39		8.53	−61.91	−6.89	0.97	0.62	1.02	1.41	1.01	+23	+10	−28	−27	−28	−11	−29	−64	+24	+27	0	−1.29
32239		06 43 50.00	+39 41 11.2	9.08		H	100.958 320 38	+39.686 438 05		7.22	−3.29	12.73	1.22	0.79	1.36	1.54	1.04	−19	+32	−11	−23	+4	−7	+6	−53	+11	−20	2	−1.60
32240		06 43 51.00	−54 10 55.5	8.53		G	100.962 484 63	−54.182 075 24		3.66	−6.15	10.47	0.64	0.62	0.65	0.70	0.73	−17	−2	+0	−15	+11	+0	+12	−17	−3	−28	0	−1.98
32241		06 43 51.46	−40 59 59.5	8.96		H	100.964 436 61	−40.999 860 96		13.03	−15.82	−139.44	0.66	0.69	0.79	0.69	0.83	−6	+12	−3	+3	−7	+10	−8	+8	−6	−13	0	1.24
32242	H	06 43 52.03	−54 34 03.5	8.46		H	100.966 810 89	−54.567 648 50	*	19.79	−41.13	151.02	0.69	0.73	0.78	0.74	0.98	+0	+3	+13	+4	+8	+13	+6	−6	−21	−18	2	−1.16
32243		06 43 53.56	−25 32 05.9	6.70		H	100.973 166 83	−25.534 971 31		8.01	−46.85	8.32	0.38	0.48	0.71	0.45	0.53	+7	+10	−5	+2	−17	+18	−15	−14	+9	+6	1	0.71
32244		06 43 53.66	−27 35 29.2	7.46		H	100.973 569 27	−27.591 439 54		2.55	2.13	9.65	0.48	0.56	0.73	0.57	0.65	−9	+8	−1	+9	−19	−1	−18	+8	+5	−11	0	0.08
32245		06 43 53.97	+09 03 50.2	8.35		H	100.974 879 00	+09.063 952 75		3.27	−0.26	−4.63	0.96	0.56	1.02	0.99	0.71	−3	+36	−6	−10	−3	−8	−4	−47	+0	−1	2	1.61
32246		06 43 55.93	+25 07 52.2	3.06	1	H	100.983 040 88	+25.131 155 31		3.61	−5.93	−12.81	0.97	0.45	0.91	1.25	0.66	+19	+32	+1	+33	−11	+2	+23	−44	+6	+63	0	0.48
32247		06 43 58.28	+11 46 18.6	8.58		H	100.992 841 71	+11.771 841 62		−1.38	−3.11	−1.48	1.26	0.66	1.42	1.12	0.81	+7	+56	−5	−8	−7	−27	−17	−40	−20	+22	0	0.28
32248		06 43 58.52	−32 25 52.4	7.71		H	100.993 852 96	−32.431 235 67		1.16	10.59	1.92	0.53	0.61	0.80	0.61	0.67	+14	+20	+29	+7	+4	+16	−2	+7	−6	+1	0	0.39
32249		06 43 59.29	+13 13 41.3	4.49		H	100.997 058 57	+13.228 143 19		11.82	−2.29	−51.80	0.75	0.43	0.83	0.68	0.51	−6	+56	−12	−6	+13	−23	+11	−34	−1	+5	0	−1.14
32250		06 44 00.61	+51 27 10.8	7.70		H	101.002 561 41	+51.452 988 13		2.75	2.19	−27.28	0.86	0.63	1.04	0.98	0.79	−27	+31	−8	+0	+43	−2	+44	−14	+17	−45	0	1.93
32251		06 44 01.44	−42 42 54.2	8.53		G	101.005 987 06	−42.715 059 73		20.04	−81.42	215.12	0.57	0.68	0.71	0.62	0.80	−8	−3	−1	+7	−11	−5	−10	+23	−2	−16	1	0.77
32252	H	06 44 05.22	+62 57 46.9	6.61		H	101.021 737 05	+62.963 037 48	*	4.13	−1.70	−20.65	0.59	0.52	0.87	0.82	0.68	+23	+13	−10	+22	−5	+10	−1	+5	+29	+11	2	2.06
32253		06 44 06.65	−57 24 00.7	9.35		H	101.027 707 23	−57.400 186 87		9.32	−54.20	56.85	0.78	0.72	0.80	0.93	0.82	+0	+13	+2	−2	−8	−4	−12	−22	−1	−23	1	2.08
32254		06 44 07.99	+24 32 54.6	8.83		H	101.033 298 75	+24.548 506 56		1.63	−20.62	−23.63	1.25	0.64	1.38	1.49	0.96	+8	+39	−13	+4	−14	+10	+11	−59	+34	+32	0	0.92
32255		06 44 09.26	−10 59 58.1	8.87		H	101.038 585 11	−10.999 483 44		12.05	−23.40	−184.82	1.14	0.90	1.38	1.46	1.01	−14	+34	−33	−13	−8	+15	+4	−37	+26	−23	0	−1.24
*32256		06 44 09.81	−54 43 50.7	6.68		H	101.040 861 17	−54.730 759 95		4.19	−8.59	13.76	0.45	0.50	0.52	0.48	0.64	+5	+3	+5	+4	+4	+12	+1	−7	−21	−11	0	−1.46
*32257		06 44 09.74	+05 12 32.8	8.51		H	101.040 599 47	+05.209 115 92		4.44	2.77	−41.94	0.99	0.60	1.12	1.07	0.80	−9	+38	−3	−16	−10	−21	−2	−54	−6	+18	0	0.57
32258		06 44 10.49	+37 12 27.9	9.39		H	101.043 690 18	+37.207 749 14		5.49	−8.99	−12.36	1.20	0.75	1.38	1.38	0.86	−15	+37	−8	−4	−5	+3	+2	−48	+1	+1	0	0.72
32259		06 44 10.85	−18 23 54.9	8.67		H	101.045 219 33	−18.398 575 48		2.28	−6.45	−0.52	0.60	0.66	1.19	0.72	0.82	+12	+15	−13	+40	+38	+5	+37	−3	+1	+6	0	−1.06
32260		06 44 10.98	+08 25 04.6	9.34		H	101.045 770 48	+08.417 953 60		3.79	−0.88	−4.18	1.22	0.70	1.25	1.05	0.83	−30	+49	−21	−29	+14	−8	+13	−56	+12	−29	0	1.23
32261		06 44 11.48	+53 17 47.1	6.28		H	101.047 819 66	+53.296 427 33		13.27	34.68	−200.98	0.61	0.43	0.74	0.68	0.47	−4	+29	−4	+33	+17	+4	+15	−3	+8	−12	0	0.31
32262		06 44 11.48	+34 10 00.6	8.47		H	101.047 847 99	+34.166 832 89		13.26	33.47	−78.02	1.15	0.73	1.27	1.59	0.96	+23	+26	−17	−29	−47	+9	−31	−68	+22	+46	0	−0.97
*32263		06 44 11.74	+36 59 38.5	7.49	1	H	101.048 935 07	+36.994 035 56		10.62	5.69	−14.28	0.83	0.47	0.95	0.91	0.54	+2	+47	−10	−2	−2	−6	+2	−40	−6	+27	2	1.57
*32264		06 44 11.74	+66 17 47.4	7.66		H	101.048 905 27	+66.296 489 31		15.04	24.85	−17.44	0.52	0.61	0.94	0.59	0.68	−11	+12	−16	−26	−5	+5	−2	−28	+15	−25	1	0.54
32265		06 44 12.05	+27 28 47.6	8.01		H	101.050 189 11	+27.479 885 67		−0.44	−2.09	−5.11	1.11	0.65	1.20	1.44	1.09	−18	+33	−14	−11	+24	+5	+29	−63	+21	−19	0	−0.26
32266		06 44 12.50	+23 53 08.4	8.73		H	101.052 068 25	+23.885 669 53		2.24	−7.49	−30.11	1.32	0.62	1.41	1.42	0.89	+23	+46	+13	+6	−6	−5	+2	−49	+19	+13	0	1.29
*32267		06 44 12.53	+43 02 35.5	8.79		H	101.052 192 46	+43.043 193 96		1.83	−2.45	−17.79	0.91	0.67	1.07	1.17	0.75	−14	+24	−28	+10	−5	−8	−4	−25	+7	−8	0	0.14
*32268		06 44 12.52	+36 06 33.3	6.37		H	101.052 166 34	+36.109 258 53		3.59	5.17	−0.09	0.70	0.41	0.83	0.72	0.46	−16	+48	−2	−4	+10	−10	+12	−49	−9	+2	0	−0.79
32269		06 44 12.81	−54 41 43.9	6.47	1	H	101.053 364 72	−54.695 523 42		4.43	−16.64	6.68	0.45	0.49	0.51	0.46	0.63	+5	+5	+5	+1	+4	+11	+2	−5	−21	−10	0	−0.55
32270		06 44 14.07	−00 55 31.6	11.61		G	101.058 604 88	−00.925 437 66		23.79	−209.49	15.30	2.45	1.55	3.13	2.83	2.20	−17	+41	−28	−35	−19	−8	−18	−43	+5	+24	2	−0.27
32271		06 44 14.30	−41 40 31.4	11.11		G	101.059 566 42	−41.675 378 18		8.53	207.92	120.69	1.35	1.40	1.63	1.36	1.61	−1	+23	−3	−7	−6	−1	−4	+4	+5	−11	0	−1.06
32272		06 44 14.37	−67 42 09.5	8.88		H	101.059 874 92	−67.702 628 70		2.07	−5.35	8.97	0.64	0.64	0.68	0.62	0.69	−3	+27	+9	−21	+0	−8	+4	−11	+10	−20	1	0.60
32273		06 44 16.30	+54 44 13.5	9.32		H	101.067 925 23	+54.737 078 83		3.02	−1.42	−13.04	1.06	0.78	1.28	1.15	0.77	+4	+21	−14	+44	+28	−10	+24	+9	+9	+3	0	0.59
32274	H	06 44 16.70	−39 57 54.9	9.02		H	101.069 567 87	−39.965 261 75	A	1.80	3.31	−16.41	0.96	1.13	1.13	0.97	1.37	+5	+2	−29	−25	−17	+29	−9	−26	+25	+12	2	−0.29
32275		06 44 17.39	+40 37 23.9	6.84		G	101.072 475 95	+40.623 317 75	A	6.69	−21.43	−152.76	2.66	2.01	2.34	3.26	2.27	+7	+17	−16	−21	−39	+5	−33	−43	+15	+13	1	1.74
32276		06 44 18.74	+02 48 29.2	7.94		H	101.078 080 16	+02.808 102 72		0.45	−11.70	−22.02	0.88	0.61	1.04	0.96	0.81	+2	+30	−2	−28	−8	−28	−12	−49	−26	+22	0	2.29
32277		06 44 19.42	+40 37 22.9	9.78		H	101.080 917 58	+40.623 029 55	B	29.13	193.09	37.94	86.18	56.93	49.92	67.35	48.97	+16	+10	−24	−23	−41	+14	−35	−51	+27	+26	1	1.74
32278		06 44 20.37	−17 50 35.6	8.65		H	101.084 878 61	−17.843 220 37		7.26	6.35	−11.28	0.70	0.80	1.19	0.92	1.01	−23	+25	−26	+6	+39	−21	+37	−37	+36	−31	0	−0.25
32279	H	06 44 20.41	+28 22 08.7	9.13		H	101.085 053 34	+28.369 070 34	A	6.91	−2.36	−34.05	3.38	2.01	3.06	4.80	2.98	−2	+12	−23	−12	−35	+27	−6	−67	+28	+46	1	−0.18
32280		06 44 21.00	+55 52 04.9	8.40		H	101.087 505 01	+55.868 018 70		11.96	−3.85	−58.15	0.93	0.73	1.11	1.11	0.78	−4	+15	−21	+20	+36	−21	+30	−18	+3	−5	4	1.03
32281		06 44 21.80	−30 10 18.5	8.79		H	101.090 815 70	−30.171 807 61		15.90	−30.32	−51.76	0.66	0.73	0.97	0.79	0.97	+3	+12	−1	+21	−7	+5	−9	+11	−14	+6	0	0.49
32282		06 44 21.84	−04 36 06.5	8.69	2	H	101.090 985 12	−04.601 801 18		8.25	−2.28	18.85	1.85	1.39	2.30	2.08	1.80	−14	+20	−26	−29	+3	−20	−3	−27	−12	+18	2	
32283		06 44 22.03	+45 12 59.6	9.78		H	101.091 810 65	+45.216 542 97		5.59	−5.31	−19.94	5.23	3.76	5.88	6.92	4.82	−1	+16	−10	−12	−9	+3	−9	−42	+10	−7	0	
*32284		06 44 24.66	+56 55 59.1	6.90		H	101.102 746 61	+56.933 069 55		3.00	5.71	−19.94	0.78	0.56	0.86	0.86	0.63	+9	+32	−12	+35	+2	+2	+5	−6	+11	+11	2	2.42
*32285		06 44 24.65	+22 34 44.9	8.04		H	101.102 726 78	+22.579 144 49		2.45	−0.32	−9.82	1.19	0.56	1.28	1.53	0.85	+11	+41	−7	+12	−16	+10	+13	−53	+29	+43	0	−0.07
32286		06 44 24.75	−02 25 50.6	7.95		H	101.103 125 21	−02.430 716 54		1.28	2.02	−1.56	0.82	0.60	0.96	0.95	0.74	−22	+14	−5	−30	+2	+9	+1	−42	+3	−29	0	1.42
32287		06 44 25.22	+06 16 54.9	7.61		G	101.105 084 73	+06.281 921 84		7.89	7.08	−47.47	0.92	0.50	1.01	0.81	0.62	−20	+53	−13	−16	+2	−19	+7	−54	−3	+5	0	−0.86
32288		06 44 25.40	+03 08 29.7	6.81		H	101.105 848 95	+03.141 577 42		0.69	−1.78	−2.43	0.81	0.51	0.97	0.81	0.67	+14	+45	+8	−34	−20	−38	−26	−53	−35	+38	0	1.13
32289		06 44 26.09	−77 14 45.5	9.02		H	101.108 688 15	−77.245 984 34	A	12.28	7.69	100.37	1.04	0.98	0.96	1.12	1.05	−4	+8	+5	−23	−5	−2	−4	−15	−3	−13	0	1.86
32290		06 44 26.81	+05 12 21.9	7.24		H	101.111 727 88	+05.206 080 43		4.33	−0.22	7.29	0.85	0.54	0.96	0.85	0.68	−3	+31	+6	−33	−12	−20	−4	−61	−23	+31	0	−0.95
32291		06 44 27.98	−38 04 05.4	8.48		H	101.116 604 00	−38.068 171 13		8.72	7.62	−90.49	0.61	0.70	0.80	0.69	1.04	−3	+21	−1	+2	+3	+4	+5	−13	+7	−1	1	−0.75
32292		06 44 28.47	−31 04 13.9	5.23	2	T	101.118 620 78	−31.070 537 87		1.25	−3.04	6.24	0.40	0.43	0.56	0.46	0.49	+3	+1	−1	+21	−16	+17	−16	+16	+3	+4	2	−1.05
32293		06 44 28.81	+76 35 09.5	7.15		H	101.120 053 53	+76.585 984 85		5.15	−7.09	−49.25	0.47	0.47	0.64	0.56	0.49	+8	+26	−9	+19	+6	−3	+8	−11	−1	+23	0	−0.61
32294		06 44 29.98	−51 19 20.1	9.41		H	101.124 917 71	−51.322 249 22		1.16	−2.57	3.78	0.76	0.75	0.82	0.91	0.94	−7	+8	−5	−11	+1	+3	+2	−11	+7	−16	1	0.62
32295		06 44 30.07	+20 41 34.9	7.05		H	101.125 302 27	+20.693 025 08		6.53	−8.99	−5.27	0.90	0.46	0.93	0.95	0.62	+7	+49	+14	+12	−1	−7	+13	−46	−6	+29	0	0.97
32296		06 44 30.30	+82 06 55.7	6.61		H	101.126 245 88	+82.115 464 95		14.48	13.37	−54.61	0.49	0.49	0.65	0.53	0.65	+16	+37	+25	−1	+10	+8	+6	−2	−8	+8	1	−1.22
32297		06 44 31.10	−19 39 31.9	7.82		H	101.129 566 93	−19.658 860 01		3.06	−8.03	5.59	0.49	0.56	0.84	0.65	0.73	−3	+2	−11	+15	+11	−17	+7	−5	−1	−13	1	−0.31
32298		06 44 34.55	+30 29 08.2	8.28		H	101.143 972 26	+30.485 601 63		2.07	−5.69	−6.31	1.09	0.56	1.15	1.32	0.82	+20	+33	−16	+24	−4	−2	+8	−27	+28	+31	0	−0.83
32299		06 44 36.31	+31 58 12.9	7.89		G	101.151 278 11	+31.970 252 00		17.39	−15.52	−106.09	0.93	0.50	0.95	1.11	0.64	+9	+32	−7	+29	+0	−1	+8	−19	−1	+30	4	−0.86
32300		06 44 36.55	+00 35 21.5	7.83		G	101.152 307 67	+00.589 307 53		2.24	0.29	−0.38	0.85	0.60	1.02	0.91	0.74	−28	+5	+9	−46	+8	+10	+6	−55	−19	−12	0	0.31

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
32201	8.493	0.007	8.062	0.007		0.403	0.015	G	0.47	0.02	H	8.1235	0.0013	0.015	189		8.10	8.15		C			1							S
32202	7.679	0.009	7.769	0.013		−0.077	0.014	T	−0.06	0.02	L	7.7658	0.0012	0.010	75		7.75	7.79		C			1							S
32203	8.981	0.011	8.573	0.012		0.399	0.014	T	0.46	0.01	L	8.6459	0.0016	0.021	128		8.62	8.69					1							
32204	8.800	0.013	7.567	0.008		1.053	0.012	T	1.02	0.01	L	7.6238	0.0013	0.010	82		7.60	7.65		C			1							S
32205	8.691	0.009	8.179	0.009		0.481	0.015	G	0.55	0.02	H	8.2337	0.0016	0.018	162		8.21	8.27					1							S
32206	9.523	0.016	7.876	0.008		1.378	0.014	T	1.35	0.02	L	7.8518	0.0009	0.010	126		7.83	7.87					1 S							
32207	10.063	0.025	8.737	0.014		1.125	0.022	T	1.09	0.02	L	8.7884	0.0017	0.015	108		8.76	8.81		C			1							
32208	6.617	0.004	6.318	0.004		0.258	0.006	G	0.29	0.01	H	6.3661	0.0008	0.006	105		6.35	6.38					1 G							S
32209						0.569	0.107	G	0.64	0.10	R	11.0452	0.0050	0.038	75		10.98	11.09					1 S							G
32210	10.523	0.035	8.924	0.016		1.340	0.030	T	1.30	0.04	L	8.9176	0.0026	0.018	81		8.86	8.96		C			1							
32211	9.589	0.023	9.112	0.022		0.449	0.029	T	0.52	0.03	L	9.1524	0.0017	0.015	82		9.14	9.19		C			1							
32212	8.437	0.009	7.273	0.005		0.999	0.008	T	0.98	0.01	L	7.3248	0.0012	0.010	115		7.31	7.34					1 G							S
32213	8.865	0.011	8.468	0.011		0.384	0.015	G	0.45	0.02	H	8.5154	0.0018	0.019	145		8.49	8.55					1							
32214	9.850	0.023	9.502	0.025		0.330	0.020	G	0.38	0.03	H	9.5566	0.0016	0.017	98		9.53	9.59					1							G
32215	8.582	0.011	8.333	0.013		0.237	0.016	T	0.26	0.02	L	8.3875	0.0017	0.015	87		8.36	8.41					1							S
32216	8.240	0.010	8.194	0.012		0.029	0.015	G	0.05	0.01	H	8.2180	0.0013	0.010	66		8.20	8.24		C			1							
32217	9.154	0.016	9.127	0.021		0.030	0.024	T	0.05	0.02	L	9.1241	0.0018	0.021	97		9.06	9.15		U			1 S							
32218	10.713	0.046	8.841	0.017		1.589	0.040	T	2.63	0.05	O	8.5882	0.0080	0.075	98		8.51	8.69		U 2			1 S							P
32219	8.482	0.010	8.275	0.011		0.164	0.002	G	0.17	0.02	A	8.3274	0.0015	0.015	100		8.31	8.36		C			1							S
32220	8.896	0.037	8.608	0.025	*	0.274	0.042	T	0.31	0.05	L *	8.9339	0.0019	0.016	76	*	8.91	8.96		D	06436+1109	I 1	2 C A	AB	181	1.922	0.006	1.45	0.03	
32221	7.376	0.006	7.505	0.008		−0.123	0.015	G	−0.11	0.02	H	7.4942	0.0025	0.024	109		7.46	7.53		U 2			1							S
32222	7.591	0.006	6.462	0.004		0.960	0.000	G	1.00	0.04	E	6.5228	0.0008	0.008	110		6.51	6.54		C			1							S
32223	8.643	0.010	7.434	0.006		1.034	0.009	T	1.01	0.01	L	7.4831	0.0013	0.010	123		7.47	7.50					1							S
32224	7.855	0.012	7.824	0.012		0.033	0.016	T	0.05	0.01	L	7.8650	0.0013	0.009	71		7.85	7.88		C			1							S
32225	9.708	0.025	8.374	0.015		1.132	0.023	T	1.10	0.02	L	8.4176	0.0016	0.013	78		8.39	8.44		C			1							
32226	5.812	0.003	5.868	0.003		−0.046	0.004	T	−0.02	0.00	L	5.8690	0.0009	0.008	100		5.85	5.88					1							S
32227	11.286	0.062	9.500	0.022		1.488	0.052	T	1.51	0.08	L	9.5027	0.0021	0.025	99		9.45	9.54					1							
32228	10.883	0.049	9.226	0.021		1.386	0.042	T	1.36	0.05	L	9.2188	0.0027	0.022	87		9.19	9.26					1							
32229	9.353	0.017	9.022	0.018		0.355	0.015	G	0.42	0.02	H	9.1067	0.0017	0.014	107		9.08	9.14		C			1							
32230	10.520	0.048	9.037	0.024		1.249	0.042	T	1.21	0.04	L	9.0830	0.0025	0.014	68		9.05	9.12					1							
32231	8.224	0.009	7.713	0.009		0.501	0.015	G	0.57	0.02	H	7.7780	0.0010	0.009	106		7.76	7.79		C			1							S
32232	10.837	0.049	9.486	0.025		1.145	0.043	T	1.11	0.04	L	9.5854	0.0017	0.020	88		9.55	9.62		C			1							
32233	9.058	0.013	9.124	0.017		−0.056	0.019	T	−0.03	0.02	L	9.1358	0.0022	0.017	120		9.11	9.16		C			1							
32234	9.622	0.020	8.438	0.013		1.015	0.019	T	0.99	0.01	L	8.4884	0.0016	0.014	89		8.46	8.51		C			1							
32235	9.818	0.019	9.030	0.016		0.699	0.019	T	0.76	0.02	L	9.0824	0.0030	0.031	102		9.03	9.14		U			1							
32236	8.550	0.009	8.344	0.010		0.197	0.013	T	0.22	0.01	L	8.3808	0.0016	0.013	125		8.35	8.40					1							S
32237	9.617	0.022	8.527	0.015		0.942	0.020	T	0.93	0.01	L	8.6152	0.0023	0.014	76		8.59	8.65		C			1							S
32238	8.677	0.013	7.574	0.009		0.951	0.012	T	0.94	0.01	L	7.6407	0.0012	0.013	84		7.62	7.67					1							S
32239	9.653	0.021	9.084	0.020		0.532	0.026	T	0.60	0.03	L	9.1943	0.0018	0.018	90		9.16	9.23		C			1							
32240	8.476	0.010	8.481	0.012		−0.039	0.003	G	−0.02	0.00	H	8.5212	0.0014	0.011	102		8.50	8.54		C			1							
32241	9.572	0.017	8.988	0.015		0.547	0.017	T	0.62	0.02	L	9.0809	0.0016	0.015	126		9.06	9.11		C			1							
32242	9.493	0.017	8.549	0.013	*	0.819	0.016	T	0.84	0.01	L *	8.5999	0.0027	0.017	101	*	8.57	8.63			06439−5434	H 1	2 C S B	AB	73	0.128	0.011	0.22	0.82	
32243	7.891	0.007	6.813	0.004		0.933	0.006	T	0.93	0.00	L	6.8657	0.0008	0.010	178		6.85	6.88					1							S
32244	7.517	0.005	7.469	0.006		0.043	0.007	T	0.06	0.01	L	7.4831	0.0013	0.011	158		7.46	7.50		C			1							S
32245	8.407	0.010	8.345	0.012		0.062	0.015	T	0.07	0.02	L	8.3731	0.0015	0.012	106		8.35	8.39		C			1 S							
32246	4.852	0.003	3.170	0.002		1.377	0.015	G	1.22	0.01	G	3.1915	0.0011	0.007	82		3.18	3.20		M	06440+2508	I 1	1							S
32247	9.160	0.017	8.620	0.016		0.506	0.021	T	0.58	0.02	L	8.6933	0.0026	0.019	84		8.67	8.73		C			1							
32248	9.865	0.020	7.898	0.008		1.667	0.018	T	1.85	0.06	O	7.8067	0.0021	0.018	134		7.77	7.84					1							
32249	6.002	0.005	4.624	0.003		1.167	0.006	G	1.11	0.03	G	4.6618	0.0007	0.004	81		4.65	4.67			06440+1314	I 1	1							S
32250	7.750	0.007	7.703	0.008		0.048	0.010	T	0.06	0.01	L	7.7240	0.0012	0.012	99		7.71	7.75		C			1							S
32251	9.379	0.016	8.584	0.013		0.685	0.013	G	0.72	0.02	A	8.6731	0.0012	0.012	123		8.64	8.70		C			1							
32252	8.451	0.011	6.776	0.005	*	1.400	0.009	T	1.38	0.01	L *	6.7494	0.0012	0.008	97	*	6.74	6.76		C	06441+6258	H 1	2 C S A	AB	356	0.135	0.013	1.65	0.45	S
32253	10.168	0.026	9.494	0.023		0.624	0.029	T	0.69	0.03	L	9.4780	0.0019	0.017	97		9.44	9.51		C			1							
32254	9.139	0.016	8.825	0.017		0.298	0.022	T	0.34	0.03	L	8.9014	0.0017	0.016	102		8.88	8.93		C			1							
32255	9.650	0.023	8.912	0.020		0.676	0.024	T	0.74	0.02	L	9.0127	0.0029	0.018	66		8.99	9.05		C			1							
32256	6.574	0.004	6.663	0.006		−0.076	0.006	T	−0.06	0.01	L	6.6651	0.0012	0.009	102		6.65	6.68			06442−5443	I 2	1							S
32257	8.995	0.013	8.576	0.013		0.396	0.017	T	0.46	0.02	L	8.5972	0.0019	0.016	109		8.57	8.62					1							
32258	9.811	0.021	9.422	0.023		0.368	0.029	T	0.43	0.03	L	9.4765	0.0022	0.019	113		9.44	9.51					1							
32259	8.624	0.008	8.647	0.011		−0.045	0.015	G	−0.02	0.01	H	8.6624	0.0014	0.017	163		8.64	8.69					1							
32260	9.442	0.016	9.347	0.020		0.093	0.024	T	0.11	0.03	L	9.3736	0.0019	0.019	115		9.34	9.40		C			1							G
32261	7.686	0.006	6.406	0.005		1.089	0.006	T	1.05	0.01	L	6.4529	0.0008	0.006	99		6.44	6.47		C			1							S
32262	9.160	0.015	8.551	0.014		0.567	0.018	T	0.64	0.02	L	8.5969	0.0020	0.014	98		8.58	8.62		C			1							
32263	7.860	0.008	7.528	0.010		0.315	0.012	T	0.36	0.02	L	7.5626	0.0026	0.026	113		7.52	7.59	1.15	P 1 A			1							S P
32264	8.285	0.007	7.727	0.007		0.522	0.009	T	0.59	0.01	L	7.7735	0.0012	0.014	185		7.76	7.80					1							S
32265	8.023	0.010	8.030	0.013		−0.002	0.015	T	0.02	0.01	L	8.0139	0.0019	0.013	78		8.00	8.03		C			1							
32266	10.323	0.031	8.888	0.016		1.211	0.027	T	1.17	0.03	L	8.8952	0.0011	0.013	100		8.88	8.93		D			1							
32267	9.044	0.016	8.845	0.019		0.190	0.023	T	0.21	0.03	L	8.8578	0.0026	0.014	75		8.84	8.89		C			1							
32268	6.456	0.003	6.384	0.004		0.065	0.004	T	0.07	0.00	L	6.3979	0.0006	0.005	115		6.39	6.41					1							S
32269	6.320	0.004	6.459	0.005		−0.119	0.006	T	−0.10	0.01	L	6.4382	0.0015	0.013	101		6.42	6.46		M	06442−5443	I 2	1							S
32270						1.348	0.015	G	1.57	0.03	I	11.7397	0.0047	0.048	108		11.64	11.81					1							D
32271						0.693	0.015	G	0.75	0.01	H	11.2598	0.0055	0.044	98		11.20	11.34					1							G
32272	8.867	0.012	8.850	0.015		0.016	0.017	T	0.04	0.02	L	8.8917	0.0014	0.013	109		8.87	8.92		C			1							
32273	10.788	0.048	9.437	0.025		1.145	0.042	T	1.11	0.04	L	9.4884	0.0024	0.020	104		9.45	9.52		C	06443+5444	I 1	1							
32274	9.354	0.017	9.081	0.018	*	0.260	0.023	T	0.29	0.03	L *	9.0916	0.0012	0.012	104	*	9.07	9.11		D	06443−3958	I 1	2 C A	AB	344	0.906	0.009	2.24	0.04	
32275	8.884	0.016	7.036	0.008	A	1.590	0.015	G	2.59	0.10	O	6.8803	0.0377	0.058	82	A	6.81	6.95		D	06443+4037	I 2	1 C P B							S P
32276	9.653	0.021	8.082	0.011		1.318	0.019	T	1.28	0.02	L	8.0930	0.0012	0.009	87		8.07	8.11		C			1							
32277	11.175	0.091	9.675	0.036	B	1.262	0.077	T	1.22	0.08	L	9.3480	0.2746			B				D	06443+4037	I 2	1 C I B							
32278	8.785	0.010	8.657	0.011		0.116	0.014	T	0.13	0.01	L	8.6906	0.0019	0.022	142		8.66	8.73					1							
32279	9.982	0.030	9.490	0.030	A	0.600	0.495	G	0.58	0.07	B *	9.2402	0.0014	0.021	76	*	9.21	9.27		D	06443+2822	I 1	2 C A	AB	156	1.509	0.005	0.89	0.04	
32280	8.994	0.015	8.446	0.014		0.490	0.015	G	0.56	0.02	H	8.5053	0.0021	0.013	73		8.48	8.56					1							
32281	9.526	0.016	8.860	0.014		0.607	0.016	T	0.68	0.01	L	8.9158	0.0019	0.017	126		8.89	8.95					1							
32282	9.148	0.015	8.734	0.015		0.391	0.020	T	0.46	0.02	L	8.7844	0.0035	0.028	79		8.69	8.82		U 2			1 X S							
32283	10.399	0.038	9.913	0.037		0.457	0.048	T	0.53	0.05	L	9.8812	0.0027	0.025	85		9.84	9.92		D			1 X S							G
32284	9.063	0.015	7.107	0.007		1.658	0.014	T	2.10	0.04	O	6.9747	0.0017	0.015	78		6.95	7.00					1							S
32285	9.982	0.024	8.207	0.011		1.479	0.021	T	1.50	0.03	L	8.1735	0.0014	0.012	94		8.15	8.19		C			1							
32286	7.858	0.009	7.934	0.008		−0.065	0.011	T	−0.04	0.01	L	7.9330	0.0010	0.011	98		7.91	7.96		C			1							S
32287	8.070	0.009	7.649	0.008		0.403	0.015	G	0.47	0.02	H	7.7067	0.0010	0.010	114		7.69	7.72		C			1							S
32288	7.799	0.008	6.936	0.006		0.789	0.026	G	0.94	0.02	A	6.9766	0.0007	0.009	92		6.96	6.99					1							S
32289	9.639	0.019	8.891	0.016	A	0.669	0.019	T	0.73	0.02	L	9.1606	0.0363	0.019	113	A	9.13	9.20			06444−7715	I 1	2 C D	AB	51	16.337	0.037	1.03	0.12	D
32290	8.565	0.011	7.355	0.007		1.035	0.010	T	1.01	0.01	L	7.4075	0.0012	0.010	104		7.39	7.43					1							S
32291	9.145	0.014	8.556	0.013		0.551	0.014	T	0.62	0.01	L	8.5983	0.0014	0.013	118		8.58	8.62		C			1							
32292	5.061	0.004	5.209	0.004		−0.127	0.005	T	−0.12	0.01	L	5.1843	0.0043	0.032	142		5.12	5.23		U 2	06445−3104	I 1	1 S							S
32293	8.306	0.007	7.251	0.006		0.915	0.007	T	0.91	0.01	L	7.3123	0.0009	0.012	165		7.30	7.33		C			1							S
32294	10.815	0.038	9.539	0.021		1.086	0.034	T	1.05	0.03	L	9.5814	0.0029	0.020	132		9.55	9.61		C			1							
32295	7.048	0.005	7.045	0.006		0.007	0.007	T	0.03	0.01	L	7.0600	0.0010	0.007	96		7.05	7.07					1							S
32296	6.843	0.004	6.645	0.004		0.182	0.005	T	0.20	0.01	L	6.6760	0.0006	0.007	136		6.66	6.69					1							S
32297	8.093	0.007	7.861	0.009		0.221	0.011	T	0.24	0.01	L	7.8889	0.0011	0.016	154		7.86	7.92			06445−1940	I 1	1 S							S
32298	8.327	0.010	8.297	0.013		0.032	0.015	T	0.05	0.01	L	8.3021	0.0018	0.009	82		8.28	8.32		C			1							
32299	8.531	0.011	7.954	0.010		0.563	0.015	G	0.64	0.01	H	8.0214	0.0015	0.013	85		8.00	8.04		C			1							S
32300	7.887	0.007	7.867	0.010		0.023	0.011	T	0.04	0.01	L	7.8716	0.0009	0.010	115		7.86	7.89					1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
32301		06 44 37.45	−38 26 12.3	8.80		H	101.156 050 02	−38.436 752 52		−0.45	5.30	−0.21	0.75	0.76	0.91	0.97	1.19	−3	+17	−9	+12	+0	−4	+2	−13	+13	−3	0	−2.25
32302		06 44 38.52	+19 59 15.4	8.68		G	101.160 515 05	+19.987 620 00		2.28	−0.89	−2.08	1.17	0.69	1.34	1.45	1.02	+12	+27	−32	−12	−29	+31	−3	−63	+40	+41	6	3.43
32303		06 44 39.94	−14 43 42.4	8.83		H	101.166 427 36	−14.728 444 16		8.48	−18.80	−31.95	0.94	0.82	1.07	1.26	1.07	−4	+32	+2	−25	+2	−8	+4	−30	+10	−36	0	−1.53
32304		06 44 41.19	+38 46 41.4	9.56		H	101.171 613 91	+38.778 176 56		5.72	−1.90	−24.34	1.33	0.85	1.47	1.69	1.08	+7	+29	−1	−17	−19	+9	−16	−53	−4	+15	0	−2.67
32305		06 44 42.19	+59 38 26.0	9.69		G	101.175 777 63	+59.640 564 09		2.61	−0.75	−5.55	1.22	1.13	1.58	1.60	1.15	−2	+25	−26	+6	+29	+8	+28	−4	+5	+23	0	−0.40
*32306		06 44 42.94	+26 07 48.7	9.20		H	101.178 897 28	+26.130 197 74		2.23	5.54	−22.38	1.55	0.84	1.51	2.08	1.30	−20	+16	+8	+23	+20	+16	+45	−53	−6	+18	0	0.08
*32307		06 44 42.89	−57 26 25.6	8.55		G	101.178 694 46	−57.440 432 20		10.93	−52.24	56.74	1.21	1.18	1.29	1.37	1.27	−6	+12	+3	+4	−6	−6	−11	−21	−3	−28	0	
32308		06 44 42.97	+14 54 37.4	10.73		H	101.179 036 65	+14.910 388 44		18.07	12.45	−168.02	2.21	1.27	2.26	2.40	1.72	−10	+43	−12	−17	+4	−7	+11	−64	+5	+7	0	−0.06
32309		06 44 44.22	−61 13 27.3	6.95		H	101.184 250 53	−61.224 248 79		3.31	−8.59	8.03	0.55	0.49	0.54	0.61	0.58	−2	+11	+10	+8	−7	−7	−8	+5	−5	−16	0	−0.79
32310		06 44 44.35	−19 03 10.7	7.32		H	101.184 780 68	−19.052 981 12		3.00	−6.54	1.13	0.42	0.48	0.74	0.51	0.60	+5	−2	−2	+15	+11	−10	+7	−5	−1	−13	0	−0.87
32311		06 44 45.46	+28 58 15.6	5.42		H	101.189 436 33	+28.970 989 12		5.72	−8.75	−23.65	0.79	0.43	0.84	0.96	0.64	+19	+33	−7	+3	−13	+2	−4	−42	+22	+24	0	0.31
32312	H	06 44 45.63	−04 23 36.8	8.55	1	G	101.190 105 63	−04.393 555 80	A	4.10	−5.45	−1.18	2.03	2.00	1.92	1.62	1.42	−25	+20	−11	−27	+1	−32	−8	−17	−26	+14	0	1.33
32313		06 44 45.92	+71 53 20.3	10.92		H	101.191 327 78	+71.888 964 31		44.43	−118.98	−549.44	2.67	3.56	4.88	2.94	4.18	+4	+11	+2	−5	+3	+9	+3	−13	+6	+7	1	
32314	H	06 44 46.27	−52 25 25.0	8.29		H	101.192 792 15	−52.423 618 21	A	4.98	−6.12	12.63	1.24	1.23	1.18	1.25	1.33	−6	−4	−1	−21	−9	+19	−9	−18	−1	−22	1	−0.36
32315		06 44 46.60	+44 30 20.0	6.64		H	101.194 150 53	+44.505 542 19		2.53	1.32	−16.23	0.68	0.51	0.79	0.89	0.61	−9	+11	−2	+2	−16	+8	−14	−25	+10	−11	0	1.72
32316		06 44 46.66	−09 23 38.7	7.79		H	101.194 436 11	−09.394 078 52		4.88	11.76	−4.50	0.86	0.68	0.96	0.93	0.80	−26	+36	−14	−39	+8	−4	+12	−50	+7	+0	0	−0.04
32317		06 44 48.95	−28 23 39.8	9.97		H	101.203 976 55	−28.394 400 35		2.64	−13.78	6.92	0.94	1.14	1.56	1.15	1.34	−6	+8	+14	+6	−8	+17	−10	−3	−4	−4	0	2.81
32318		06 44 49.57	+03 40 47.7	7.63		H	101.206 552 04	+03.679 903 28		0.65	−1.82	−0.29	0.89	0.54	1.05	0.87	0.68	−5	+45	−4	−9	−6	−24	−11	−45	−11	+1	0	0.52
32319		06 44 50.94	−18 34 13.6	7.07		H	101.212 241 21	−18.570 445 70		11.21	−16.00	−18.46	0.43	0.48	0.79	0.52	0.59	+1	+5	−13	+22	+24	−9	+20	−12	+2	−12	0	−1.39
32320	H	06 44 51.63	+59 26 57.3	7.07		H	101.215 130 15	+59.449 252 74	A	9.43	−2.67	11.42	1.10	0.89	1.24	1.30	0.81	−22	+51	−30	+12	+5	+29	+16	−19	+13	−1	2	1.54
32321		06 44 51.80	+49 20 37.1	7.99		G	101.215 818 18	+49.343 650 45		7.42	−41.40	−14.85	0.78	0.64	1.04	1.02	0.73	−13	+31	−37	−1	−18	+15	+1	−33	+25	+26	0	1.58
32322		06 44 51.96	−27 20 32.6	6.43		H	101.216 483 45	−27.342 380 72		37.60	−6.18	293.89	0.41	0.50	0.65	0.50	0.55	−5	+2	+3	+7	−19	−8	−17	+3	+8	−10	2	0.91
32323		06 44 52.08	−59 18 13.9	9.53		H	101.216 982 02	−59.303 872 91		1.30	−2.14	7.28	0.72	0.77	0.80	0.79	0.93	−3	−4	+2	+7	+0	−23	+1	+12	−2	−5	0	0.46
32324		06 44 52.52	+19 31 39.5	8.12		H	101.218 853 55	+19.527 631 57		3.61	−4.73	1.98	1.82	1.13	1.79	2.11	1.54	+19	−8	−18	−41	−19	+14	−22	−66	+18	+15	2	
32325		06 44 53.37	+23 13 40.2	8.85		H	101.222 362 82	+23.227 843 36		1.73	−23.86	1.91	1.61	0.70	1.77	1.79	1.11	+16	+56	−2	+2	−5	−6	+17	−52	+37	+17	6	0.57
32326		06 44 53.45	−66 51 56.4	8.71	1	H	101.222 705 66	−66.865 662 50		16.46	−38.05	−48.55	0.69	0.66	0.72	0.49	0.70	−2	+27	+17	−68	−1	−19	+0	−19	−5	−10	2	−0.22
32327		06 44 53.81	+00 37 12.6	9.24		G	101.224 228 42	+00.620 163 64		1.82	1.57	0.72	1.30	0.92	1.33	1.42	1.17	−53	+19	+1	−56	+35	−7	+34	−69	−6	−43	0	−0.11
32328		06 44 54.55	−48 42 28.7	9.18		H	101.227 271 29	−48.707 964 14		6.84	8.98	64.34	0.76	0.72	0.81	0.85	1.01	−9	+11	−1	−17	−1	+9	−2	−14	−7	−9	1	−1.03
32329		06 44 54.86	+20 51 38.2	7.20		H	101.228 599 62	+20.860 622 25		21.77	93.72	12.86	1.02	0.45	1.07	0.98	0.61	+6	+62	+2	−2	+0	−15	+16	−45	+7	+29	0	−0.20
32330		06 44 55.61	−50 34 20.1	9.09		G	101.231 692 88	−50.572 243 64		1.94	−7.26	10.08	0.71	0.66	0.75	0.84	0.85	−8	+22	−13	+9	−8	+4	−9	+3	−5	−9	3	2.03
32331		06 44 55.62	+22 02 01.4	8.63	2	H	101.231 768 59	+22.033 728 98		2.44	0.54	−1.99	1.10	0.52	1.18	1.12	0.69	+3	+51	−1	+8	−2	−10	+14	−43	+15	+17	0	−0.17
32332		06 44 55.67	−70 26 01.6	6.10		H	101.231 974 46	−70.433 772 84		5.18	−15.57	5.94	0.50	0.45	0.49	0.53	0.51	−6	+14	−3	−48	+14	+2	+16	−27	+13	−4	0	0.59
32333		06 44 56.36	+22 50 14.6	6.76		H	101.234 828 69	+22.837 382 14		8.42	−15.80	−0.18	1.04	0.45	1.04	1.18	0.64	+13	+43	+4	+29	+9	−7	+25	−36	+18	+24	0	−0.29
32334		06 44 57.88	−35 07 18.1	8.04		G	101.241 164 23	−35.121 702 79		3.55	−2.34	10.74	0.52	0.58	0.69	0.61	0.75	+2	+10	−14	+6	−7	+1	−10	+23	−5	+11	0	1.35
32335		06 44 59.04	−27 15 59.2	8.90	1	H	101.246 015 57	−27.266 453 67		2.07	−3.67	4.17	0.68	0.88	1.15	0.83	1.02	−16	−1	+0	+7	−14	−14	−14	+4	+5	−18	1	0.35
*32336		06 44 59.18	−67 49 33.6	8.57		H	101.246 577 18	−67.825 994 92		1.44	−12.38	2.71	0.69	0.67	0.72	0.68	0.77	−2	+29	+6	−20	−4	−6	+0	−7	+7	−18	0	−1.00
*32337	H	06 44 59.14	+10 45 09.6	8.00		H	101.246 430 63	+10.752 673 67	*	3.05	2.71	−12.71	1.64	1.05	1.16	1.40	1.05	−32	+22	−1	−24	+14	+2	+17	−67	+5	−25	2	−0.67
32338		06 44 59.76	−05 56 33.6	8.06		H	101.249 010 03	−05.942 678 53		2.13	−0.91	−0.40	0.81	0.59	1.02	1.05	0.85	+3	+38	−12	−15	−24	−11	−14	−32	+13	+33	0	1.04
32339	H	06 45 02.56	−30 35 11.1	6.53		G	101.260 675 92	−30.586 414 96	A	3.51	−7.96	4.44	0.55	0.64	0.73	0.57	0.73	+0	+1	−3	+16	−5	+8	−7	+4	+1	−7	7	−0.33
32340		06 45 03.08	+09 34 18.9	10.64		H																							
32341		06 45 03.65	+45 58 35.3	8.35		H	101.265 223 36	+45.976 477 62		2.02	3.59	−4.57	0.94	0.71	1.16	1.31	0.98	−2	+24	−18	+5	−16	+15	−8	−30	+17	+7	0	1.06
*32342		06 45 05.57	−46 56 09.1	7.78		H	101.273 190 10	−46.935 862 90		3.72	−6.28	10.99	0.57	0.60	0.66	0.74	0.77	−4	−3	−6	−10	+7	+13	+4	−34	+25	−14	0	1.07
*32343		06 45 05.54	−52 21 44.7	7.84		H	101.273 062 89	−52.362 430 36		5.02	−6.03	39.23	0.64	0.55	0.64	0.71	0.63	+7	+6	−7	−9	−10	+5	−10	−19	+21	−9	0	−1.78
32344		06 45 06.32	−11 24 47.8	8.92		H	101.276 321 13	−11.413 269 09		9.32	17.23	−17.13	1.12	0.92	1.26	1.58	1.18	−35	+29	−13	−22	+11	−4	+16	−27	+18	−47	5	0.72
32345		06 45 06.70	−01 01 15.5	7.45		H	101.277 919 88	−01.020 985 94		2.20	−1.14	−1.91	0.77	0.50	0.98	0.87	0.68	−21	+45	−34	−27	−11	−9	−5	−39	+5	+36	0	−1.99
32346		06 45 06.79	+13 45 10.8	8.56		H	101.278 307 25	+13.752 999 45		3.77	−3.68	−8.37	0.94	0.59	1.10	1.06	0.77	−17	+32	−7	−6	+18	−37	+15	−47	−1	−18	0	−0.80
32347		06 45 07.20	−13 12 28.1	9.31		H	101.279 995 54	−13.207 795 33		6.29	−27.11	−3.21	1.20	0.90	1.38	1.44	1.08	+3	+24	−7	−3	−27	−9	−20	−17	+25	−10	0	−0.41
32348		06 45 07.23	−31 39 15.6	7.61		H	101.280 136 83	−31.654 326 31		1.67	−7.30	5.13	0.48	0.52	0.66	0.57	0.57	−3	+10	+5	+22	−20	+2	−18	+18	+1	−7	0	−1.22
32349		06 45 09.25	−16 42 47.3	−1.44	2	G	101.288 541 05	−16.713 143 06	+	379.21	−546.01	−1223.08	1.21	1.04	1.58	1.33	1.24	+5	+22	−30	−50	+13	−31	+12	−54	+32	−5	0	
32350		06 45 09.73	+39 22 06.5	6.93		H	101.290 561 19	+39.368 467 56		18.38	−13.15	−135.45	0.79	0.50	0.86	0.99	0.68	+2	+32	+9	−6	−2	−8	−5	−35	−3	−8	0	−0.69
32351		06 45 09.93	−82 53 45.1	7.60		G	101.291 373 91	−82.895 866 43		12.43	−32.71	9.80	0.55	0.56	0.60	0.62	0.63	−6	+20	+7	+14	+5	+13	+0	−24	+7	−22	1	1.45
32352		06 45 10.01	−18 16 05.7	6.90		H	101.291 721 67	−18.268 244 82		7.65	0.27	−27.46	0.48	0.51	0.87	0.60	0.68	+0	+11	−7	+29	+38	−6	+37	−14	+10	−8	0	−0.98
32353	H	06 45 10.02	+30 49 33.5	7.27		H	101.291 754 57	+30.825 973 01	A	14.41	−10.34	−15.49	1.46	0.81	1.37	1.66	0.98	+15	+25	−27	+0	−19	+18	−8	−48	+40	+24	3	1.23
32354		06 45 10.49	−47 13 21.8	7.22	2	H	101.293 703 55	−47.222 733 54		2.69	−1.53	6.55	0.54	0.57	0.62	0.77	0.76	+3	−4	+1	−9	+7	+23	+2	−34	+17	−7	0	−0.38
32355		06 45 11.21	−00 02 35.4	7.02		G	101.296 706 32	−00.043 173 63		1.90	0.40	−1.71	0.71	0.48	0.87	0.80	0.61	−32	+25	−29	−41	−1	+8	+6	−51	+19	+2	0	−0.70
32356		06 45 13.35	−46 51 12.1	7.49		G	101.305 614 09	−46.853 371 41		3.29	−6.27	11.64	0.55	0.57	0.62	0.72	0.73	−5	+5	−6	−10	+12	+12	+9	−37	+16	−18	0	1.61
32357		06 45 13.85	+05 12 47.7	7.53		H	101.307 707 36	+05.213 263 81		4.58	−11.77	3.57	0.99	0.62	1.03	0.98	0.78	−17	+24	+2	−43	+4	−14	+10	−66	−24	+14	0	−1.11
32358		06 45 14.46	+53 05 10.0	7.04	1	H	101.310 233 15	+53.086 115 14		2.58	−14.49	−21.48	0.67	0.48	0.83	0.74	0.53	−12	+31	−3	+24	+34	+2	+30	−14	+12	−26	0	0.13
32359		06 45 14.58	+13 20 09.4	7.28	1	H	101.310 748 60	+13.335 933 34		1.44	−0.51	−0.57	0.81	0.45	0.89	0.85	0.60	−6	+49	−8	−4	+1	−21	+9	−48	+6	+10	0	−3.02
32360		06 45 14.66	−25 38 24.5	8.40		H	101.311 082 82	−25.640 144 89		0.03	−3.31	3.43	0.52	0.66	0.95	0.61	0.79	+8	+11	+2	+13	−19	+8	−20	−11	−1	+9	2	−1.44
32361		06 45 17.17	+46 51 52.8	8.81		H	101.321 540 91	+46.864 654 84		6.97	−24.86	0.83	1.03	0.71	1.09	1.46	0.90	+12	+25	+2	−7	−13	+5	−12	−31	−4	+16	0	−0.20
32362		06 45 17.43	+12 53 45.8	3.35		H	101.322 639 80	+12.896 055 13		57.02	−115.16	−190.91	0.74	0.43	0.83	0.67	0.50	−10	+54	−10	−15	+7	−31	+4	−43	−7	+8	0	−1.42
32363		06 45 17.51	+82 25 01.4	8.63		H	101.322 968 28	+82.417 042 07		1.71	0.59	−6.14	0.70	0.74	0.92	0.74	0.90	+20	+31	+12	−15	+0	+15	−2	+1	+5	+30	1	−0.63
32364		06 45 21.89	+35 32 06.3	8.82		H	101.341 217 10	+35.535 086 55		18.76	84.57	−210.32	1.59	1.07	1.44	1.88	1.28	+39	+13	−26	−60	−40	+26	−32	−83	+28	+32	0	−0.64
32365		06 45 22.68	−34 37 41.2	9.06		H	101.344 505 61	−34.628 118 31		3.47	−3.77	3.47	0.67	0.83	0.96	0.78	1.16	−4	+10	−23	+12	−4	+17	−2	+21	+4	+10	1	2.39
32366		06 45 23.08	−31 47 34.5	5.92		G	101.346 167 95	−31.792 921 74		41.20	−204.91	−304.13	0.40	0.43	0.56	0.48	0.48	+9	+18	+9	+14	−11	+7	−11	+14	−1	+7	0	0.06
32367		06 45 23.28	+23 38 46.4	7.16		H	101.346 991 57	+23.646 229 46		4.02	24.18	0.04	1.03	0.50	1.05	1.21	0.70	+22	+37	+1	+19	−3	−4	+11	−36	+19	+33	2	−0.22
32368		06 45 23.38	−23 27 45.0	6.04		H	101.347 405 23	−23.462 488 65		6.63	−19.70	23.38	0.34	0.42	0.64	0.37	0.45	+4	+10	−7	+41	−32	+14	−22	−10	+18	+22	1	−0.61
32369		06 45 23.51	+24 40 20.9	6.95	1	H	101.347 942 30	+24.672 478 08		0.62	−0.01	−3.17	1.00	0.54	1.02	1.06	0.64	+21	+41	+10	+9	−10	+9	+1	−40	+9	+35	0	1.95
32370		06 45 24.28	−09 58 48.9	8.45		G	101.351 154 38	−09.980 251 56		3.90	−0.41	−4.41	0.94	0.72	1.02	1.09	0.87	−20	+16	+4	−38	+10	+9	+10	−48	+0	−14	2	1.05
32371		06 45 24.50	−26 09 21.0	9.12		H	101.352 066 94	−26.155 823 35		3.83	−14.42	−3.68	0.71	0.86	1.17	0.87	1.08	−12	−10	+3	+5	−11	+8	−10	−2	−3	+0	0	0.49
32372		06 45 24.58	−28 26 16.0	9.53		H	101.352 419 43	−28.437 789 13		4.16	10.58	3.69	0.96	1.13	1.56	1.20	1.38	−4	+0	+11	+10	−10	+2	−8	−8	−12	+6	0	1.49
32373		06 45 25.15	+47 04 01.5	8.28	1	G	101.354 797 39	+47.067 091 47		3.32	8.94	−11.53	1.77	1.28	1.96	2.32	1.44	−4	+21	−13	−12	−7	+4	−3	−41	+0	+9	0	
32374		06 45 25.28	−65 02 39.2	7.18	2	H	101.355 345 60	−65.044 225 38		2.83	−8.38	−5.80	0.50	0.50	0.52	0.56	0.56	+2	+3	+9	+5	−13	+6	−14	+2	+12	−4	0	0.55
32375		06 45 26.05	−52 12 03.4	6.56	1	G	101.358 555 46	−52.200 931 17		1.49	2.19	2.71	0.50	0.46	0.52	0.58	0.52	+8	+13	+8	−1	−14	−6	−13	−8	+13	−9	1	−0.64
32376		06 45 26.51	+09 45 56.9	6.65		H	101.360 465 17	+09.765 812 72		11.03	41.55	−32.30	0.81	0.50	0.89	0.98	0.72	+7	+27	+18	−9	−12	−23	−3	−65	−28	+27	0	1.44
*32377		06 45 27.04	−17 50 31.1	9.56		H	101.362 669 21	−17.841 965 95		2.65	4.15	5.50	0.92	1.09	1.76	1.20	1.40	−15	+12	−31	+13	+40	−33	+32	−38	+30	−30	0	0.67
*32378	H	06 45 27.02	+29 21 59.8	8.22		G	101.362 577 08	+29.366 618 61	A	11.07	−32.30	−74.61	3.70	2.58	1.74	3.29	2.70	−18	+22	−6	−28	+47	−1	+55	−57	+20	−58	0	−0.75
32379		06 45 27.67	+38 22 57.6	8.02	1	H	101.365 305 89	+38.382 664 01		7.87	−13.76	−32.74	0.93	0.61	1.09	1.20	0.75	−9	+27	−28	−7	−22	+24	−3	−52	+22	+23	0	−0.52
32380		06 45 27.86	−07 08 10.2	8.44		H	101.366 081 97	−07.136 180 22		1.63	−4.89	8.19	0.92	0.69	1.13	0.97	0.81	−9	+41	−34	−33	−23	−11	−18	−37	+23	+7	0	−1.97
32381		06 45 28.78	−36 50 57.9	7.98		H	101.369 899 88	−36.849 420 81		6.04	−4.44	−7.71	0.56	0.62	0.73	0.63	0.76	+15	+3	+5	+16	+5	+21	+4	+27	+2	+15	1	0.67
32382		06 45 28.86	+44 14 01.8	7.47		G	101.370 257 83	+44.233 847 16		22.09	143.37	−189.41	0.74	0.56	0.86	0.97	0.67	−4	+3	−4	+2	−24	−2	−22	−21	+13	−9	0	−0.43
32383		06 45 30.50	+15 28 48.0	8.43		H	101.377 068 44	+15.479 993 86		2.75	0.47	−10.37	1.10	0.55	1.18	1.10	0.70	−11	+52	−25	+7	−1	−16	+14	−46	+12	+23	0	1.61
32384		06 45 30.94	−01 25 47.9	7.82		H	101.378 909 23	−01.429 984 20		1.99	−1.47	−2.74	0.74	0.53	0.87	0.79	0.61	+1	+18	−21	−31	−17	−1	−16	−44	+7	+14	0	0.97
32385	H	06 45 31.19	−30 56 56.4	5.62	2	H	101.379 961 61	−30.948 990 76	A	2.06	−3.11	4.20	0.70	0.78	0.90	0.78	0.87	+7	−23	−26	−14	−9	+16	−14	−37	+25	−8	17	0.54
32386		06 45 32.30	−14 57 26.5	8.95		H	101.384 574 03	−14.957 373 37		4.04	−6.43	3.06	1.09	1.01	1.41	1.65	1.38	−16	+28	−34	−7	−10	−1	−1	−24	+31	−31	0	1.43
32387		06 45 33.10	+04 35 38.9	7.04		H	101.387 903 70	+04.594 130 93		2.66	−12.57	−4.64	0.78	0.51	0.86	0.86	0.64	+7	+22	+2	+1	−10	−5	+1	−46	−13	+35	0	0.10
32388	H	06 45 33.95	−31 30 03.0	8.93		H	101.391 452 39	−31.500 840 45	A	6.22	1.23	−8.39	1.06	1.10	1.29	1.19	1.23	−7	+4	+11	+31	−2	−10	−6	+1	+12	−21	4	0.46
32389		06 45 35.10	+27 40 23.7	6.70		H	101.396 247 38	+27.673 248 53		3.59	−5.28	−0.89	0.88	0.52	0.96	1.17	0.80	−6	+19	−9	+6	+16	+5	+19	−50	+16	−6	0	0.08
32390		06 45 35.52	−20 40 51.4	8.39		G	101.397 982 20	−20.680 934 26		0.38	−5.36	−0.38	0.65	0.74	1.08	0.90	0.94	+2	+12	−10	+19	+12	−2	+11	−31	+6	+3	1	−0.19
32391		06 45 37.69	−24 11 01.2	8.82		H	101.407 059 35	−24.183 665 04		3.98	6.89	10.83	0.55	0.71	1.05	0.66	0.74	+7	+7	+0	+19	−28	+13	−23	−12	+18	+11	0	−0.64
32392		06 45 42.52	−66 20 33.4	8.87		H	101.427 174 48	−66.342 603 95		2.13	−3.29	16.33	0.76	0.72	0.79	0.61	0.80	−1	+16	+13	−56	−4	−9	+1	−3	−5	−14	0	0.08
32393		06 45 43.01	−20 51 09.6	7.44		H	101.429 227 74	−20.852 664 23		2.18	−4.73	0.77	0.59	0.65	0.97	0.79	0.82	−3	+15	−7	+9	+14	+3	+13	−33	+10	−6	0	0.09
32394		06 45 46.40	+37 46 41.4	8.02		H	101.443 336 50	+37.778 180 12		0.61	3.21	−11.71	0.94	0.60	1.09	1.16	0.73	−9	+26	−12	−9	−15	+8	−3	−53	+5	+15	0	−0.04
32395		06 45 48.46	−45 59 51.9	9.00		H	101.451 929 91	−45.997 737 14		11.89	77.31	−1.18	0.66	0.73	0.76	0.86	0.98	−11	+0	+0	−4	+20	−6	+14	−29	+7	−37	0	−0.87
32396		06 45 49.74	−70 31 21.6	7.60		H	101.457 231 97	−70.522 652 79		5.91	18.35	−10.66	0.64	0.56	0.62	0.66	0.65	+0	+19	−2	−51	+9	+1	+13	−27	+19	+3	0	0.27
32397		06 45 49.98	+02 29 57.4	7.22	2	H	101.458 241 96	+02.499 282 46		1.11	−1.77	−2.51	0.82	0.54	0.88	0.86	0.69	+12	+30	−15	−43	−22	−20	−24	−56	−6	+33	0	−1.09
32398		06 45 50.06	−00 42 59.2	6.78		H	101.458 571 45	−00.716 448 83		4.96	−5.90	−4.20	0.73	0.46	0.88	0.80	0.63	−14	+40	−19	−32	−7	−11	−2	−43	+2	+32	0	0.50
32399		06 45 50.91	+62 38 58.5	7.56		H	101.462 145 42	+62.649 572 38		4.23	−0.87	3.41	0.62	0.59	0.94	0.92	0.81	+30	+13	−5	+8	−12	+8	−4	+5	+34	+19	0	−0.84
32400	H	06 45 51.85	+03 24 02.5	8.86		H	101.466 025 74	+03.400 696 07	A	−0.74	−2.70	1.82	3.70	2.44	3.29	4.40	3.30	−27	+19	+7	−25	−5	−33	−8	−51	−8	−5	2	0.79

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
32301	10.740	0.043	8.977	0.017		1.469	0.037	T	1.48	0.06	L	8.9357	0.0023	0.017	109		8.90	8.96					1							
32302	8.578	0.013	8.641	0.017		−0.080	0.015	G	−0.06	0.02	H	8.6647	0.0018	0.019	90		8.62	8.70					1							
32303	9.428	0.022	8.919	0.021		0.489	0.023	T	0.56	0.02	L	8.9418	0.0018	0.017	87		8.91	8.98		C			1							
32304	10.085	0.028	9.581	0.028		0.474	0.036	T	0.55	0.04	L	9.6686	0.0028	0.021	85		9.64	9.71		C			1							
32305	10.121	0.044	9.676	0.046		0.370	0.015	G	0.43	0.02	H	9.7810	0.0046	0.032	80		9.71	9.84					1 S							
32306	10.463	0.043	9.279	0.025		1.015	0.039	T	0.99	0.03	L	9.3625	0.0018	0.016	75		9.34	9.39		C			1							
32307	9.113	0.013	8.603	0.013		0.506	0.015	G	0.58	0.02	H	8.6639	0.0017	0.014	98		8.64	8.69		C			1 X S							
32308	11.700	0.106	10.794	0.079		0.804	0.098	T	0.83	0.07	L	10.8879	0.0039	0.033	86		10.78	10.95					1 S							G
32309	8.820	0.011	7.111	0.006		1.427	0.010	T	1.41	0.02	L	7.0835	0.0011	0.011	107		7.07	7.10					1							S
32310	7.207	0.005	7.296	0.005		−0.076	0.006	T	−0.06	0.01	L	7.3007	0.0008	0.010	201		7.28	7.32		C			1							S
32311	7.321	0.006	5.588	0.003		1.445	0.006	G	1.34	0.04	E	5.5643	0.0012	0.007	78		5.55	5.58					1							S
32312	8.871	0.013	8.575	0.014	*	0.310	0.015	G	0.36	0.02	H	* 8.5680	0.0034	0.024	91	*	8.53	8.61		U	06448−0424	H 1	2 C D	AB	343	0.490	0.053	3.68	0.20	D
32313						1.364	0.133	G	1.60	0.25	I	11.0176	0.0041	0.047	192		10.93	11.10		C			1 X S							G
32314	8.485	0.010	8.340	0.012	*	0.140	0.015	T	0.15	0.01	L	* 8.3396	0.0015	0.013	103	*	8.32	8.36		D	06447−5225	I 1	2 C A	AB	338	0.662	0.003	0.99	0.02	S
32315	8.236	0.011	6.784	0.006		1.224	0.010	T	1.18	0.01	L	6.8062	0.0008	0.008	83		6.79	6.82		C			1							S
32316	9.232	0.020	7.904	0.012		1.127	0.018	T	1.09	0.02	L	7.9630	0.0013	0.010	72		7.95	7.98		C			1							S
32317	11.100	0.045	10.072	0.029		0.884	0.042	T	0.89	0.03	L	10.1130	0.0033	0.035	161		10.06	10.18		C			1							G
32318	7.755	0.008	7.641	0.009		0.111	0.011	T	0.12	0.01	L	7.6682	0.0013	0.012	79		7.65	7.69			06448+0341	I 1	1 S							S
32319	7.363	0.005	7.098	0.006		0.249	0.008	T	0.28	0.01	L	7.1416	0.0009	0.009	168		7.13	7.16		C			1							S
32320	7.476	0.015	7.067	0.018	*	0.387	0.021	T	0.45	0.02	L	* 7.1573	0.0019	0.010	67	*	7.14	7.18		D	06449+5927	I 1	2 C A	AB	130	4.019	0.006	1.88	0.03	S
32321	8.519	0.011	8.032	0.010		0.461	0.015	G	0.53	0.02	H	8.0945	0.0013	0.011	81		8.07	8.11		C			1							S
32322	7.067	0.004	6.499	0.004		0.550	0.021	G	0.64	0.02	A	6.5522	0.0007	0.008	159		6.54	6.56		C			1							S
32323	9.507	0.016	9.483	0.021		0.022	0.023	T	0.04	0.02	L	9.5439	0.0026	0.028	113		9.50	9.60		C			1							
32324	8.368	0.009	8.162	0.010		0.196	0.001	G	0.21	0.00	H	8.1886	0.0013	0.012	94		8.16	8.21		C			1 X							
32325	10.421	0.038	8.983	0.019		1.213	0.033	T	1.17	0.03	L	9.0170	0.0017	0.014	83		9.00	9.04		C			1							
32326	9.435	0.016	8.765	0.014		0.610	0.016	T	0.68	0.01	L	8.8365	0.0015	0.016	108		8.80	8.86		U			1							
32327	9.727	0.017	9.317	0.018		0.441	0.007	G	0.51	0.01	H	9.3444	0.0020	0.020	115		9.31	9.38		C			1							G
32328	9.821	0.024	9.292	0.023		0.505	0.025	T	0.58	0.03	L	9.2872	0.0019	0.018	107		9.26	9.32					1							
32329	7.881	0.008	7.260	0.006		0.562	0.022	G	0.64	0.02	H	7.3212	0.0008	0.006	100		7.31	7.33		C			1							S
32330	9.005	0.013	9.013	0.017		−0.054	0.002	G	−0.03	0.00	H	9.0824	0.0019	0.018	113		9.06	9.11		C			1							
32331	8.517	0.010	8.628	0.013		−0.110	0.015	G	−0.09	0.02	H	8.5997	0.0031	0.026	107		8.55	8.64		U 2			1							
32332	7.838	0.008	6.253	0.004		1.335	0.003	G	1.23	0.04	E	6.2604	0.0010	0.006	108		6.25	6.27					1							S
32333	6.989	0.005	6.783	0.006		0.197	0.007	T	0.22	0.01	L	6.8187	0.0007	0.006	94		6.81	6.83		C			1							S
32334	8.036	0.008	8.041	0.009		−0.013	0.006	G	0.01	0.01	H	8.0478	0.0015	0.016	132		8.03	8.08					1							S
32335	11.147	0.054	9.085	0.016		1.745	0.046	T	1.90	0.12	O	8.9956	0.0030	0.026	153		8.95	9.04		U			1							
32336	9.697	0.020	8.667	0.014		0.897	0.018	T	0.90	0.01	L	8.7263	0.0018	0.013	107		8.70	8.75		C			1							
32337	8.899	0.013	8.100	0.011	*	0.724	0.013	T	0.78	0.01	L	* 8.1479	0.0012	0.010	101	*	8.13	8.16		D	06450+1045	I 1	2 C A	AS	182	0.219	0.002	0.22	0.06	S
32338	7.969	0.008	8.039	0.010		−0.059	0.012	T	−0.04	0.01	L	8.0519	0.0011	0.010	87		8.03	8.07		C			1							
32339	6.368	0.003	6.483	0.005	*	−0.111	0.003	G	−0.10	0.00	H	* 6.4933	0.0010	0.009	142	*	6.48	6.51		D	06450−3035	I 1	2 C A	AB	224	4.545	0.020	3.66	0.12	S
32340											T	10.7798	0.0039	0.037	97		10.71	10.84		C			S							G G
32341	8.417	0.015	8.333	0.018		0.083	0.022	T	0.10	0.02	L	8.3870	0.0019	0.014	69		8.36	8.42		C			1							
32342	7.590	0.007	7.752	0.011		−0.134	0.007	G	−0.13	0.01	H	7.7308	0.0011	0.011	101		7.71	7.75					1							S
32343	9.414	0.017	7.968	0.010		1.219	0.015	T	1.18	0.01	L	8.0027	0.0012	0.010	106		7.98	8.02		C			1							
32344	10.206	0.032	9.051	0.021		0.992	0.030	T	0.97	0.02	L	9.0899	0.0020	0.020	84		9.07	9.15		C			1							
32345	7.356	0.005	7.444	0.007		−0.075	0.008	T	−0.05	0.01	L	7.4325	0.0008	0.009	117		7.42	7.45		C			1							S
32346	8.633	0.011	8.542	0.013		0.089	0.016	T	0.10	0.02	L	8.5932	0.0014	0.013	101		8.57	8.62					1							
32347	9.788	0.028	9.341	0.028		0.435	0.032	T	0.50	0.03	L	9.4055	0.0025	0.022	67		9.37	9.44		C			1							
32348	7.480	0.006	7.591	0.007		−0.095	0.008	T	−0.08	0.01	L	7.5792	0.0012	0.012	151		7.56	7.60		C			1							S
32349						0.009	0.007	G	−0.02	0.00	A	−1.0876	0.0024	0.040	159		−1.17	−0.98		U	06451−1643	I 1	1 O							S X
32350	7.337	0.006	6.966	0.006		0.351	0.008	T	0.41	0.01	L	7.0124	0.0010	0.009	90		7.00	7.03		C			1							S
32351	8.014	0.008	7.626	0.009		0.401	0.015	G	0.47	0.02	H	7.6828	0.0012	0.012	109		7.66	7.70		C			1							S
32352	8.154	0.008	7.003	0.005		0.989	0.007	T	0.97	0.01	L	7.0649	0.0010	0.011	173		7.05	7.08					1							S
32353	7.578	0.011	7.249	0.014	*	0.312	0.017	T	0.36	0.02	L	* 7.3539	0.0013	0.012	81	*	7.33	7.38		D	06452+3050	I 1	2 C A	AB	90	3.739	0.011	2.16	0.04	S
32354	7.015	0.006	7.200	0.009		−0.157	0.006	G	−0.14	0.02	A	7.1679	0.0010	0.010	100		7.15	7.24		U 2			1							S
32355			7.146	0.005		0.208	0.004	G	0.23	0.01	H	7.0870	0.0010	0.009	139		7.07	7.10					1							S
32356	7.300	0.006	7.459	0.009		−0.138	0.001	G	−0.13	0.00	H	7.4423	0.0013	0.011	104		7.43	7.47					1							S
32357	7.503	0.007	7.519	0.008		−0.010	0.010	T	0.01	0.01	L	7.5320	0.0014	0.009	87		7.52	7.54					1							S
32358	9.125	0.014	7.209	0.006		1.591	0.012	T	1.61	0.01	L	7.1506	0.0020	0.014	105		7.13	7.18		M			1							S
32359	7.636	0.007	7.307	0.007		0.312	0.009	T	0.36	0.01	L	7.3564	0.0016	0.012	97		7.34	7.38		M			1							
32360	8.212	0.006	8.354	0.009		−0.124	0.010	T	−0.11	0.01	L	8.3614	0.0015	0.019	190		8.33	8.40					1							
32361	9.177	0.017	8.836	0.018		0.318	0.040	G	0.37	0.05	H	8.8845	0.0019	0.015	75		8.84	8.91		C			1							
32362	3.879	0.003	3.393	0.002		0.443	0.008	G	0.48	0.03	C	3.4417	0.0005	0.004	86		3.44	3.45					1							S
32363	10.223	0.025	8.749	0.013		1.241	0.022	T	1.20	0.02	L	8.7921	0.0016	0.019	133		8.76	8.82					1							
32364	9.639	0.018	8.876	0.015		0.670	0.015	G	0.73	0.01	H	8.9584	0.0018	0.015	112		8.93	8.98					1 G							
32365	10.668	0.034	9.166	0.016		1.263	0.030	T	1.22	0.03	L	9.2222	0.0014	0.018	128		9.20	9.26		C			1							
32366	6.500	0.003	5.977	0.003		0.491	0.015	G	0.57	0.02	A	6.0286	0.0006	0.006	147		6.02	6.04		C			1							S
32367	8.853	0.014	7.306	0.008		1.299	0.013	T	1.26	0.01	L	7.3185	0.0008	0.008	82		7.30	7.33		C			1							
32368	7.593	0.005	6.170	0.003		1.205	0.003	G	1.12	0.04	E	6.2078	0.0005	0.007	246		6.20	6.22		C			1							S
32369	9.128	0.017	7.137	0.008		1.650	0.015	T	1.67	0.01	L	7.0543	0.0025	0.019	80		7.02	7.08		U 2 C	06454+2440	I 1	1 S							S
32370	8.459	0.011	8.450	0.014		0.008	0.015	G	0.03	0.01	H	8.4622	0.0018	0.013	72		8.45	8.49		C			1							
32371	10.303	0.024	9.206	0.015		0.939	0.022	T	0.93	0.02	L	9.2614	0.0024	0.025	170		9.21	9.31					1							
32372	10.862	0.035	9.650	0.020		1.036	0.031	T	1.01	0.03	L	9.7023	0.0027	0.029	151		9.66	9.75		C			1 S							
32373	8.867	0.013	8.347	0.012		0.505	0.015	G	0.58	0.02	H	8.3575	0.0034	0.020	81		8.33	8.39		U			1 X S							
32374	9.312	0.015	7.383	0.007		1.635	0.014	T	2.12	0.04	O	7.2466	0.0035	0.030	121		7.20	7.29		U 2			1							S P
32375	7.921	0.008	6.663	0.005		1.075	0.009	G	1.03	0.04	E	6.7274	0.0010	0.010	113		6.71	6.75		M			1							S
32376	7.039	0.004	6.688	0.004		0.333	0.005	T	0.39	0.01	L	6.7303	0.0007	0.007	102		6.72	6.74		C			1							S
32377	11.170	0.052	9.729	0.023		1.216	0.045	T	1.18	0.04	L	9.7249	0.0027	0.028	149		9.67	9.79					1 S							G
32378	8.939	0.016	8.286	0.014	*	0.560	0.015	G	0.63	0.01	H	* 8.3590	0.0019	0.011	77	*	8.34	8.38		D	06455+2922	I 1	2 C A	AB	42	0.320	0.004	0.49	0.03	
32379	8.381	0.010	8.058	0.010		0.307	0.013	T	0.35	0.02	L	8.0998	0.0021	0.019	89		8.07	8.13		U			1							S
32380	9.545	0.021	8.550	0.015		0.870	0.019	T	0.88	0.01	L	8.5999	0.0017	0.012	85		8.58	8.63		C			1							
32381	8.055	0.009	7.978	0.011		0.069	0.013	T	0.08	0.01	L	8.0064	0.0011	0.012	117		7.98	8.03		C			1							S
32382	8.198	0.008	7.554	0.009		0.614	0.015	G	0.68	0.01	H	7.5987	0.0011	0.010	85		7.58	7.62		C			1							S
32383	8.543	0.010	8.427	0.012		0.112	0.015	T	0.13	0.01	L	8.4709	0.0016	0.011	90		8.45	8.49		C			1							
32384	7.802	0.007	7.828	0.008		−0.004	0.015	G	0.02	0.01	H	7.8311	0.0014	0.013	112		7.81	7.85		C			1							S
32385	5.415	0.010	5.573	0.014	*	−0.138	0.015	T	−0.13	0.02	L	* 5.5752	0.0140	0.134	146	*	5.33	5.68		U 2 C	06455−3057	I 1	2 C B	AB	223	4.982	0.012	2.62	0.07	S P
32386	10.518	0.052	9.118	0.026		1.183	0.046	T	1.14	0.04	L	9.1180	0.0032	0.023	87		9.08	9.16		C			1							
32387	7.092	0.006	7.049	0.007		0.044	0.009	T	0.06	0.01	L	7.0563	0.0012	0.010	91		7.04	7.08			06456+0436	I 1	1 S							S
32388	9.444	0.015	8.998	0.015	A	0.400	0.495	G	0.50	0.04	L	* 9.0247	0.0018	0.018	144	*	8.99	9.07		D	06456−3130	I 1	2 C D	AB	16	6.133	0.058	3.77	0.25	D
32389	8.445	0.012	6.847	0.006		1.339	0.011	T	1.30	0.01	L	6.8521	0.0008	0.008	76		6.84	6.86					1							S
32390	8.310	0.012	8.360	0.016		−0.043	0.011	G	−0.02	0.01	H	8.3857	0.0015	0.015	132		8.36	8.42		C			1							
32391	8.895	0.008	8.813	0.010		0.074	0.012	T	0.09	0.01	L	8.8509	0.0015	0.020	225		8.81	8.89					1							
32392	10.930	0.046	9.082	0.017		1.569	0.040	T	2.22	0.09	O	8.9268	0.0031	0.022	105		8.89	8.96					1							
32393	9.072	0.015	7.561	0.008		1.271	0.013	T	1.18	0.06	F	7.6027	0.0015	0.016	130		7.58	7.63		C			1							S
32394	10.058	0.027	8.182	0.011		1.559	0.023	T	1.58	0.02	L	8.1396	0.0010	0.012	97		8.12	8.16		D			1							
32395	9.662	0.019	9.067	0.018		0.575	0.009	G	0.64	0.02	A	9.1214	0.0019	0.012	101		9.10	9.15		C			1							
32396	9.189	0.014	7.730	0.008		1.230	0.013	T	1.19	0.01	L	7.7591	0.0012	0.011	103		7.74	7.78					1							S
32397	7.142	0.009	7.216	0.010		−0.063	0.012	T	−0.04	0.01	L	7.2075	0.0042	0.046	91		7.16	7.44		P 1 A			1							S
32398	6.735	0.004	6.767	0.004		−0.025	0.005	T	0.00	0.01	L	6.7768	0.0007	0.005	113		6.77	6.79					1							S
32399	7.690	0.008	7.576	0.008		0.111	0.011	T	0.12	0.01	L	7.5996	0.0010	0.010	100		7.58	7.61		C			1							S
32400	9.111	0.035	8.619	0.029	*	0.463	0.041	T	0.53	0.04	L	* 8.9554	0.0021	0.016	78	*	8.92	8.99		R	06459+0324	I 1	2 C A	AB	159	1.531	0.006	0.04	0.02	

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α (ICRS) deg (8)	δ deg (9)	(10)	π mas (11)	$\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	σ α* mas (14)	σ δ mas (15)	σ π mas (16)	σ $\mu_{\alpha*}$ mas/yr (17)	σ μ_δ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	F1 % (29)	F2 (30)
32401		06 45 52.33	−60 15 43.6	8.87		H	101.468 021 61	−60.262 108 10		4.16	0.27	35.99	0.77	0.69	0.76	0.83	0.79	−2	−6	+12	+21	−2	+6	−5	+2	+0	−11	1	1.16
32402		06 45 53.72	−52 24 35.0	5.81		H	101.473 838 63	−52.409 713 51		2.37	−3.55	9.14	0.49	0.44	0.50	0.53	0.50	+11	+3	−2	−15	−14	+11	−13	−9	+11	−2	0	−1.98
32403		06 45 53.75	−06 53 46.6	7.89		H	101.473 947 02	−06.896 290 48		3.51	−4.84	−5.13	0.87	0.66	0.99	0.87	0.73	+20	+26	−12	−29	−37	−11	−32	−31	+22	+13	2	0.30
32404		06 45 54.20	+12 41 36.8	6.47		H	101.475 831 93	+12.693 567 75		2.86	−2.18	−2.62	0.96	0.47	0.99	0.81	0.60	+17	+63	+6	−29	−18	−26	−13	−60	−5	+29	0	−0.93
32405		06 45 55.17	−32 47 20.1	9.19	1	H	101.479 864 64	−32.788 904 79		3.93	−16.61	−1.31	0.65	0.78	0.97	0.77	1.00	+11	+6	+0	+25	+1	+23	+0	+14	−24	+5	0	−0.59
32406		06 45 57.46	−20 46 30.1	6.91		G	101.489 431 31	−20.775 041 09		2.45	−3.68	−0.97	0.51	0.53	0.83	0.67	0.66	+10	+14	+0	+19	+12	−3	+9	−19	+20	−3	0	−1.35
32407		06 45 57.75	−07 20 20.2	7.13		H	101.490 645 69	−07.338 948 70		5.27	−4.13	−0.64	0.79	0.55	0.92	0.79	0.63	−5	+45	−33	−28	−21	−7	−13	−41	+20	+11	4	−1.07
32408		06 45 57.94	−28 48 43.4	7.64	1	G	101.491 402 44	−28.812 062 80		2.84	−0.93	−5.35	0.50	0.53	0.74	0.68	0.70	−1	+6	+3	+16	−17	−2	−16	+2	−9	+9	1	1.01
32409		06 45 58.68	−03 48 14.0	8.93		H	101.494 495 67	−03.803 882 50		3.76	1.73	0.05	0.85	0.60	1.07	1.08	0.87	−14	+31	−9	−20	+4	−31	+4	−29	−2	+7	0	2.20
32410		06 45 59.10	+38 58 12.8	7.29		H	101.496 268 91	+38.970 213 71		2.67	−3.92	−4.08	0.81	0.49	0.90	1.05	0.70	+1	+33	−11	−4	−21	−2	−17	−35	+7	+9	0	−0.80
32411		06 45 59.40	−14 47 45.9	5.30		H	101.497 505 07	−14.796 084 41		8.19	−11.02	−17.63	0.62	0.50	0.73	0.80	0.61	−10	+30	−23	−6	−12	−3	−4	−21	+30	−34	0	1.99
32412		06 45 59.63	+52 13 49.2	8.69		H	101.498 441 37	+52.230 333 02		1.67	−5.45	−7.26	0.86	0.62	1.03	0.93	0.67	+2	+26	−2	+35	+42	−2	+36	+7	+8	−19	0	0.77
32413		06 45 59.96	+16 17 00.4	8.15		H	101.499 829 91	+16.283 430 88		2.80	1.73	−7.96	0.99	0.56	1.02	1.25	0.83	−3	+26	+1	+12	+3	−13	+3	−55	+1	−5	0	−0.26
32414		06 46 00.82	−66 24 28.9	11.13	2	H	101.503 433 20	−66.408 017 30		21.48	177.68	−72.87	5.48	5.62	5.64	4.13	5.97	−5	+22	+13	−68	+2	−17	+5	−32	−5	−17	2	
32415		06 46 02.73	+33 01 46.9	7.60		G	101.511 357 06	+33.029 686 89		18.52	166.81	−6.77	1.05	0.68	1.21	1.71	0.99	+15	+28	−37	−15	−46	+25	−11	−67	+36	+67	0	2.25
32416	H	06 46 03.17	−01 41 07.2	8.25		H	101.513 208 72	−01.685 340 28	A	3.18	14.40	−24.05	2.15	1.47	2.04	2.15	1.61	−2	+33	−3	−6	−12	−1	−15	−18	−3	−3	8	3.08
32417		06 46 03.18	−20 43 18.6	8.92		H	101.513 266 64	−20.721 836 71		3.23	−5.63	0.55	0.75	0.77	1.21	1.03	1.01	+4	+9	−10	+25	+15	−5	+13	−25	+18	−1	1	−1.54
32418		06 46 03.23	−39 32 25.0	6.62		H	101.513 443 72	−39.540 275 40		2.45	−8.79	7.69	0.44	0.48	0.56	0.48	0.61	+5	+2	−14	+7	−7	+12	−7	−13	+27	+0	1	−2.25
32419		06 46 03.72	+67 13 45.9	9.14		H	101.515 490 85	+67.229 417 93		9.68	−17.69	−16.94	0.69	0.70	1.09	0.67	0.75	+27	+14	+1	−44	−10	−3	−7	−38	+3	+7	0	1.42
32420		06 46 03.87	−13 50 17.5	9.06		H	101.516 115 08	−13.838 203 84		1.08	−3.44	2.13	1.07	0.82	1.19	1.21	0.96	−21	+38	−12	−12	−8	−1	−3	−26	+14	−32	0	−0.35
32421		06 46 04.03	+41 46 30.6	8.11		H	101.516 791 73	+41.775 163 53		3.07	17.30	7.12	0.97	0.62	1.09	1.18	0.77	+7	+36	−6	−2	−20	−2	−14	−35	+8	+13	0	1.43
32422		06 46 04.84	−20 36 24.9	7.80		H	101.520 179 02	−20.606 916 63		1.50	−5.55	−0.54	0.63	0.72	1.05	0.89	0.98	+4	+9	−3	+13	+17	−1	+13	−34	+7	−4	3	0.74
32423		06 46 05.37	+32 33 19.6	8.80		H	101.522 360 05	+32.555 436 54		40.02	−454.45	98.94	1.16	0.67	1.22	1.49	0.88	−3	+23	−9	+19	+3	+0	+17	−33	+4	+26	0	1.87
32424	H	06 46 06.97	−27 18 41.9	9.37		H	101.529 042 82	−27.311 651 32	A	1.42	−2.24	1.89	2.38	2.76	2.98	2.83	3.37	−6	−7	+3	+17	−12	−9	−16	+4	+1	−39	0	0.65
32425		06 46 07.09	−15 35 29.0	8.54		G	101.529 539 52	−15.591 383 73		3.84	−2.77	5.06	1.07	0.86	1.17	1.16	1.14	+11	+5	−23	−42	−19	−12	−20	−31	+29	−19	0	1.50
32426		06 46 07.21	−20 45 15.5	7.25		H	101.530 051 23	−20.754 316 74		3.32	−3.65	0.44	0.54	0.55	0.89	0.70	0.69	+6	+18	−1	+25	+9	−3	+8	−15	+21	−4	0	−0.18
32427		06 46 09.12	+34 24 52.9	11.35	2	H	101.538 009 53	+34.414 693 38		−3.69	8.88	−7.80	3.09	1.95	3.31	5.21	2.95	+15	+21	+2	−13	−12	+19	+1	−55	+7	+47	0	0.08
32428		06 46 09.19	+70 44 54.5	8.60		H	101.538 287 87	+70.748 466 25		4.70	7.15	16.51	0.46	0.73	1.01	0.55	0.87	+20	+15	+23	+9	+0	+6	+0	−11	−1	+24	0	0.15
32429		06 46 09.52	−49 59 13.7	9.08		G	101.539 667 15	−49.987 149 44		2.53	−5.71	18.28	0.76	0.76	0.86	0.86	0.97	−5	+12	+17	+0	−4	+5	−7	−1	−14	−21	1	0.08
32430		06 46 09.62	+02 39 07.2	8.15		H	101.540 103 38	+02.652 001 42		−0.33	−0.38	−3.16	0.91	0.62	1.02	1.03	0.81	+1	+24	−20	−31	−17	−15	−9	−54	−1	+39	0	0.03
32431		06 46 10.38	+23 22 16.0	6.51		H	101.543 239 62	+23.371 115 07		3.12	−11.15	45.14	0.90	0.45	0.94	1.19	0.67	+16	+34	−5	+21	−11	−4	+10	−36	+22	+40	0	−0.18
32432	H	06 46 10.57	+42 02 44.2	7.81		H	101.544 036 75	+42.045 622 88	A	4.73	−9.86	−5.15	1.87	1.47	1.84	2.15	1.45	−6	+32	−9	−15	−16	+3	−14	−40	+13	−6	0	−0.11
32433		06 46 11.31	+42 15 56.1	6.88	1	H	101.547 118 62	+42.265 583 67		3.02	0.68	−11.87	0.90	0.56	0.92	1.01	0.70	+4	+41	−9	−6	−16	−3	−16	−36	+0	+10	0	0.49
32434		06 46 12.16	−37 46 31.3	6.19	2	G	101.550 648 09	−37.775 347 88		2.25	−8.48	9.51	0.42	0.47	0.55	0.48	0.65	+9	+12	+2	+2	−1	+19	−4	+11	−4	+15	0	−0.76
32435		06 46 13.43	−83 59 30.1	7.46		G	101.555 966 16	−83.991 684 35		17.46	18.91	62.52	0.54	0.55	0.59	0.64	0.71	−17	+13	+6	+3	+12	+15	+9	−17	−8	−29	0	−0.12
*32436		06 46 13.63	−34 14 34.4	7.05		H	101.556 787 31	−34.242 875 88		5.39	−3.33	18.52	0.44	0.52	0.64	0.54	0.72	+3	+8	−7	+17	−2	+18	−2	+17	−13	+6	0	2.54
*32437		06 46 13.60	−44 36 30.4	9.08	1	H	101.556 687 03	−44.608 431 35		3.92	−13.35	−0.05	0.66	0.70	0.79	0.70	0.90	−5	−2	+10	−5	+1	−2	+3	+9	+17	−16	0	1.21
32438	H	06 46 14.15	+59 26 30.1	4.86		G	101.558 969 51	+59.441 691 08	A	14.26	−18.11	−8.67	1.04	0.82	0.97	1.11	0.69	+11	+22	−7	+5	+2	+16	+9	−25	+8	+14	1	−1.23
32439		06 46 14.47	+79 33 58.6	5.44		H	101.560 289 79	+79.566 278 08		56.02	−99.03	−603.61	0.39	0.41	0.53	0.44	0.52	+2	+28	−9	+8	+4	+1	+7	+9	+9	+8	1	−0.37
32440		06 46 14.94	−20 48 17.8	8.47		G	101.562 256 94	−20.804 944 55		3.01	−3.77	0.73	0.68	0.73	1.14	0.90	0.92	+9	+22	−7	+18	+4	+7	+6	−21	+20	+5	0	−0.11
32441		06 46 15.24	+51 49 42.1	8.33		G	101.563 490 65	+51.828 354 52		11.61	−11.77	37.04	1.13	0.73	1.29	1.21	0.96	−24	+49	−20	+19	+41	+6	+57	−19	+37	−12	0	0.43
32442		06 46 15.51	−12 52 52.5	10.13	2	G	101.564 626 45	−12.881 260 59		0.31	0.10	3.58	1.63	1.43	1.98	2.11	1.74	+15	+36	+1	−27	−25	−22	−21	−47	+10	+0	5	1.41
32443		06 46 16.17	+49 22 28.5	8.26		H	101.567 378 47	+49.374 572 27		5.60	−0.97	−0.79	0.85	0.67	1.08	1.08	0.81	−9	+31	−11	−6	−15	+12	−7	−31	+11	+4	0	−0.37
32444	H	06 46 16.40	−29 33 39.9	6.91		H	101.568 352 82	−29.561 084 36	*	4.68	5.08	−2.39	0.46	0.51	0.68	0.55	0.63	+4	+7	−1	+12	−11	+7	−11	+11	−8	+14	0	0.93
32445		06 46 17.31	+07 19 41.6	9.69		G	101.572 130 45	+07.328 212 43		4.46	17.18	33.36	1.36	0.84	1.43	1.44	1.09	−20	+31	+0	−19	+6	+2	+7	−54	−5	−11	2	−1.18
32446		06 46 19.91	+35 02 34.4	9.01		H	101.582 952 89	+35.042 878 59		3.91	1.32	13.21	1.17	0.79	1.52	1.73	0.96	−2	+20	−29	−13	−30	+39	−4	−64	+24	+38	0	0.40
32447		06 46 20.18	+15 23 03.9	9.42		H	101.584 102 97	+15.384 403 56		1.75	0.00	−2.75	1.44	0.69	1.53	1.54	0.96	−14	+45	−17	+0	−1	−25	+12	−57	+19	+3	0	−0.35
32448		06 46 20.53	+27 48 58.3	8.89		H	101.585 549 41	+27.816 187 52		0.18	−2.63	−4.18	1.31	0.79	1.48	1.84	1.22	+31	−2	−22	−23	−32	+37	−28	−55	+38	+37	0	−0.05
32449		06 46 20.71	+50 22 49.7	7.31		H	101.586 306 77	+50.380 473 55		5.29	−0.53	−28.28	0.78	0.65	0.93	1.14	0.92	−24	+6	−2	−15	+21	+14	+22	−32	+12	−19	0	1.14
32450		06 46 20.93	+73 40 44.9	10.04		H	101.587 193 07	+73.679 148 78		5.14	0.56	−43.45	0.87	1.08	1.40	0.94	1.19	+17	+6	−1	+19	+5	+1	+5	+13	−3	+18	1	0.84
32451		06 46 21.09	+18 50 15.8	7.07		H	101.587 889 54	+18.837 727 05		3.33	6.00	−14.21	0.92	0.58	0.82	1.41	0.91	+48	+12	−5	−41	−53	−12	−42	−75	+0	+68	2	2.42
32452		06 46 21.21	−30 44 38.6	8.10		H	101.588 367 58	−30.744 066 52		5.36	41.21	−31.72	0.58	0.64	0.86	0.65	0.76	+2	−6	−9	+14	−18	+17	−18	−1	+6	+0	0	−1.18
32453		06 46 24.08	−51 11 59.6	8.13		H	101.600 335 74	−51.199 894 74		7.01	1.68	18.49	0.57	0.54	0.62	0.66	0.60	−3	+17	+3	−5	−5	+12	−4	−11	+10	−13	1	−0.98
32454		06 46 25.80	−23 08 57.6	8.28		G	101.607 484 69	−23.149 337 12		−0.18	−3.07	2.59	0.50	0.60	0.97	0.56	0.67	+4	+18	−1	+51	−31	+24	−15	−12	+22	+30	1	−0.36
32455		06 46 25.82	−19 52 40.4	6.75		H	101.607 591 09	−19.877 901 00		7.23	8.93	−3.22	0.46	0.47	0.73	0.61	0.60	+4	+6	+2	+13	+13	−9	+8	−20	+13	−15	0	−0.89
32456		06 46 26.01	+20 42 15.8	8.29		H	101.608 360 19	+20.704 380 46		2.58	0.21	−9.28	1.07	0.61	1.21	1.16	0.74	+2	+41	−29	+4	−23	+21	+4	−43	+32	+43	0	0.64
32457	H	06 46 26.35	−28 30 27.8	10.90		H	101.609 790 70	−28.507 729 59	A	5.94	−12.78	14.87	4.14	6.20	6.89	4.83	7.60	−5	+6	+15	−6	−4	+5	−10	+15	−16	+0	1	2.69
32458		06 46 27.30	−85 44 46.0	9.91		H	101.613 758 26	−85.746 097 45		3.75	−1.45	9.70	0.87	0.80	0.93	1.01	0.94	−9	+12	−7	−12	+5	−12	+5	−14	+10	−20	0	−1.57
32459		06 46 28.68	+20 50 37.0	8.84	2	H	101.619 515 54	+20.843 602 01		2.86	2.20	−8.25	1.18	0.62	1.24	1.28	0.82	+14	+47	−18	−21	−23	−4	−6	−57	+19	+39	0	1.72
32460		06 46 29.72	−82 11 07.5	8.61		H	101.623 829 38	−82.185 423 58		8.70	5.08	−28.94	0.65	0.74	0.74	0.76	0.82	−12	+21	+7	−14	+12	+0	+10	−35	+7	−28	0	0.42
32461		06 46 31.79	−08 55 07.0	7.20		H	101.632 448 51	−08.918 602 52		3.40	3.82	−10.26	0.68	0.52	0.79	0.73	0.61	+0	+30	−11	−18	−16	+3	−9	−38	+16	+10	0	−0.21
32462		06 46 31.84	−47 41 33.8	8.49		G	101.632 662 15	−47.692 728 85		2.56	−1.69	9.47	0.69	0.70	0.79	0.86	1.12	+2	−9	−6	+2	+3	+19	+7	−21	+11	+12	0	−0.07
32463		06 46 32.42	+08 35 13.8	5.92	1	G	101.635 078 23	+08.587 169 10		2.92	−4.99	−6.76	0.76	0.44	0.81	0.70	0.55	−19	+50	−17	−25	+7	−17	+6	−52	+13	−22	3	0.31
32464		06 46 32.85	+09 12 15.3	7.31		H	101.636 871 61	+09.204 242 14		3.52	3.58	−14.84	0.90	0.55	0.94	0.83	0.68	−29	+48	−17	−20	+19	−2	+22	−63	+13	−25	0	0.57
32465		06 46 32.88	+17 22 01.2	8.77		H	101.637 019 24	+17.366 991 06		2.49	1.77	−17.32	1.07	0.63	1.17	1.32	1.02	+6	+25	−12	−14	−2	−23	−6	−63	+26	−8	0	0.95
32466		06 46 33.01	−14 31 25.5	6.69		H	101.637 552 07	−14.523 756 13		8.68	−13.46	19.65	0.67	0.55	0.77	0.92	0.70	−19	+28	−22	−22	+5	−3	+10	−24	+17	−36	2	0.61
32467		06 46 33.28	−20 48 42.6	7.77		G	101.638 665 90	−20.811 840 70		1.31	−5.21	1.19	0.63	0.71	1.08	0.85	0.93	+5	+14	−8	+17	+14	+12	+15	−19	+19	+1	0	0.09
32468		06 46 33.49	+29 50 24.8	8.03		H	101.639 543 30	+29.840 230 78		2.87	−1.80	−3.05	1.06	0.56	1.17	1.13	0.74	−2	+49	−25	+11	−11	+7	+9	−34	+25	+29	0	−0.53
32469		06 46 37.23	−49 59 47.5	9.50		H	101.655 115 88	−49.996 535 95		1.75	8.09	−7.01	0.79	0.79	0.87	0.95	1.01	−12	+10	+5	−5	−2	+5	−5	−8	−13	−24	3	−0.45
32470		06 46 37.65	+57 46 08.8	7.66		H	101.656 859 38	+57.769 115 76		12.23	27.82	−154.51	0.85	0.64	0.96	0.97	0.69	+1	+18	−5	+40	+20	+3	+13	−14	−14	−3	0	0.45
32471		06 46 37.73	−24 08 37.9	8.17		H	101.657 198 54	−24.143 850 75		4.05	−5.55	2.96	0.44	0.58	0.86	0.54	0.65	+4	+6	−3	+18	−24	+13	−19	−11	+18	+13	0	−2.93
32472		06 46 37.97	−58 39 25.0	8.56		H	101.658 189 89	−58.656 942 02		3.50	14.64	−32.09	0.62	0.65	0.67	0.70	0.81	+1	+2	+2	+12	−9	−16	−10	+6	+3	−2	0	0.18
32473		06 46 38.20	−06 34 00.3	8.43		G	101.659 165 48	−06.566 748 01		3.85	−7.85	−3.54	0.87	0.66	1.04	0.99	0.81	+6	+27	−27	−40	−29	−9	−24	−52	+22	+24	4	−0.47
32474		06 46 39.02	−10 06 26.5	5.66		H	101.662 596 05	−10.107 361 96		6.09	−10.77	0.77	0.67	0.47	0.71	0.77	0.53	−13	+16	−22	−39	−2	+20	+5	−36	+23	+4	0	0.38
32475	H	06 46 40.72	+08 21 47.3	7.04		G	101.669 684 76	+08.363 149 76	A	14.37	11.41	−4.84	1.18	0.81	1.06	1.01	0.79	+3	+27	−6	−38	−7	−2	−14	−54	+3	−2	2	−0.05
32476		06 46 41.61	−36 35 46.3	7.95		G	101.673 372 39	−36.596 198 79		3.84	7.52	3.60	0.55	0.67	0.75	0.57	0.82	+9	+0	+7	−1	+7	+15	+4	+31	+0	+16	1	−2.67
32477	H	06 46 41.70	−54 41 42.2	6.45		G	101.673 734 29	−54.695 062 25	A	7.87	−42.54	14.08	0.61	0.62	0.60	0.57	0.72	+7	+9	+3	−12	−1	+14	−6	−24	−9	−6	1	−0.29
32478		06 46 43.40	+04 21 34.9	7.90		H	101.680 826 71	+04.359 698 51		2.67	−9.26	−8.62	0.85	0.57	0.95	0.89	0.69	−2	+29	−5	−24	−7	−18	−2	−56	−8	+20	2	0.40
32479		06 46 43.47	−33 40 08.0	8.53		H	101.681 134 24	−33.668 894 66		1.78	−2.66	−4.12	0.56	0.69	0.85	0.67	0.98	−4	+6	−4	+14	+3	+22	+4	+17	−20	−2	0	−1.42
32480		06 46 44.34	+43 34 37.3	5.24		H	101.684 745 93	+43.577 024 83		60.56	−0.28	165.49	0.63	0.44	0.73	0.82	0.55	−6	+13	−10	+13	−18	+6	−12	−26	+12	+3	0	−0.33
32481		06 46 44.64	−47 48 16.2	6.95		H	101.685 986 42	−47.804 502 89		3.72	4.17	17.37	0.55	0.55	0.60	0.65	0.81	+7	−10	−10	−13	−4	+8	−6	−25	+13	+3	2	0.90
32482		06 46 44.72	+31 17 37.2	8.98		H	101.686 323 49	+31.293 676 92		2.98	−1.48	−9.48	1.34	0.73	1.46	1.67	0.98	+9	+36	−19	+6	−16	+14	+2	−45	+15	+40	2	1.60
32483		06 46 46.53	−06 08 41.2	8.34		H	101.693 886 99	−06.144 765 95	A	1.00	−2.39	−2.44	1.34	1.02	1.45	1.56	1.31	−12	+8	−3	−25	−17	−17	−18	−31	+22	−19	1	−0.23
32484		06 46 46.55	−44 58 26.7	7.99		H	101.693 948 79	−44.974 086 58		1.69	−8.45	4.66	0.53	0.58	0.63	0.59	0.72	−1	+9	−4	−11	+0	−5	+1	−6	+5	−22	0	−1.44
32485		06 46 46.65	−47 44 45.7	9.62		G	101.694 372 46	−47.746 014 97		4.29	−12.98	−4.03	0.92	0.98	1.06	1.12	1.56	+3	−17	−8	+7	+0	+10	+1	−17	+6	+5	0	−0.81
32486		06 46 46.87	+40 14 17.6	8.28		H	101.695 288 05	+40.238 235 39		2.22	−12.16	−11.52	0.90	0.55	1.01	1.10	0.74	−13	+32	−8	+13	−17	−11	−14	−16	+12	−11	0	−0.71
32487		06 46 47.23	+10 44 04.6	7.54		H	101.696 810 91	+10.734 623 58		5.55	−6.56	−5.83	0.95	0.55	0.95	1.13	0.78	+24	+41	+5	−19	−34	−13	−25	−67	−11	+46	2	−1.00
32488		06 46 49.33	+16 46 21.0	6.83		H	101.705 535 84	+16.772 491 10		9.98	11.52	−13.98	0.79	0.44	0.82	1.00	0.66	+15	+20	+13	+16	−11	−19	−12	−43	+3	+7	0	0.07
32489		06 46 49.49	+57 10 09.4	5.34		H	101.706 226 99	+57.169 270 50		15.69	13.90	−38.79	0.67	0.48	0.74	0.70	0.51	+5	+38	+1	+38	+10	+9	+5	−21	+2	−4	0	1.84
32490		06 46 50.20	−09 09 52.5	8.36		H	101.709 184 49	−09.164 580 72		3.74	−8.81	3.83	0.91	0.71	1.11	0.99	0.85	−9	+44	−11	−18	−6	−8	−5	−29	−5	+17	0	1.03
32491		06 46 50.83	+23 40 49.5	7.78		H	101.711 809 29	+23.680 403 97		−1.06	−0.51	−1.30	1.12	0.58	1.17	1.29	0.76	+10	+44	−4	+16	−10	+0	+12	−36	+17	+40	0	0.23
32492		06 46 51.09	−14 25 33.6	5.28		H	101.712 890 80	−14.425 995 69		5.08	−3.14	10.24	0.72	0.52	0.77	0.89	0.62	−24	+36	−27	−16	−2	+3	+6	−28	+20	−36	0	0.72
32493		06 46 51.80	+42 02 17.8	7.94		H	101.715 850 81	+42.038 270 69		8.18	−19.46	2.53	0.89	0.59	1.06	1.09	0.73	−22	+41	−30	+7	−8	+5	+6	−34	+14	+7	0	1.11
32494		06 46 52.69	−51 15 55.6	5.39	1	G	101.719 557 30	−51.265 449 40		3.60	−22.01	−89.56	0.43	0.40	0.45	0.50	0.48	+1	+8	+2	−8	−9	+6	−9	−8	+5	−9	0	−0.75
32495		06 46 53.20	+45 02 10.6	9.39	2	H	101.721 670 71	+45.036 281 57		0.45	−2.61	−13.80	1.23	0.87	1.43	1.66	1.15	−21	+25	−17	+13	−5	−6	−3	−15	+10	−17	0	0.90
32496		06 46 54.17	+36 22 09.4	8.33		H	101.725 700 25	+36.369 287 32		0.61	−5.08	−2.97	0.93	0.56	1.13	1.04	0.64	−13	+45	−22	−17	−17	+4	−4	−57	+11	+14	0	−0.04
32497		06 46 54.97	−29 36 27.3	8.68		H	101.729 059 24	−29.607 569 91		3.15	−3.98	−0.06	0.58	0.69	0.89	0.66	0.78	+3	+10	−2	+18	−12	+4	−12	+16	−9	+7	0	−0.04
32498	H	06 46 55.41	−18 47 40.5	8.02		H	101.730 874 95	−18.794 589 95	A	0.86	−2.89	3.82	0.85	0.92	1.24	0.95	1.09	+13	+10	+5	+1	+3	−6	−2	−24	−3	−2	1	0.93
32499		06 46 56.93	+50 46 28.5	8.77		H	101.737 206 87	+50.774 595 30		3.77	−5.75	−7.33	1.09	0.80	1.26	1.48	1.17	−10	+19	−8	−34	+9	−3	+12	−45	+18	−12	0	0.74
32500		06 46 58.52	−87 01 29.9	6.46		H	101.743 832 18	−87.024 974 54		25.55	4.64	4.20	0.46	0.47	0.52	0.54	0.57	+2	−8	−18	+12	−11	+6	−13	−17	+18	−4	0	−1.58

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″		ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65		66	67	68-70
32401	10.304	0.028	8.991	0.016		1.115	0.025	T	1.08	0.03	L	9.0339	0.0013	0.017	118		9.00	9.07		D			1								
32402	7.821	0.009	5.960	0.004		1.551	0.003	G	1.53	0.00	J	5.9363	0.0007	0.007	105		5.92	5.95					1								S
32403	7.996	0.009	7.898	0.010		0.096	0.013	T	0.11	0.01	L	7.9327	0.0016	0.014	90		7.90	7.96		C			1								
32404	6.866	0.004	6.506	0.004		0.344	0.020	G	0.40	0.03	H	6.5481	0.0009	0.006	96		6.54	6.56		C			1								S
32405	9.720	0.018	9.262	0.018		0.432	0.023	T	0.50	0.02	L	9.2848	0.0025	0.024	140		9.23	9.33		U			1								
32406	8.853	0.018	7.052	0.009		1.508	0.024	G	1.41	0.06	F	7.0497	0.0010	0.011	136		7.03	7.07					1								S
32407	7.184	0.005	7.130	0.006		0.042	0.002	G	0.06	0.00	H	7.1528	0.0010	0.009	84		7.14	7.17		C			1								S
32408	7.459	0.006	7.599	0.008		−0.115	0.008	G	−0.10	0.01	H	7.5973	0.0033	0.027	150		7.56	7.64	1.07	P 1 A			1								S P
32409	8.967	0.013	8.925	0.016		0.043	0.019	T	0.06	0.01	L	8.9457	0.0018	0.014	84		8.92	8.97		C			1								G
32410	7.255	0.006	7.269	0.007		−0.033	0.007	G	−0.01	0.01	H	7.2906	0.0010	0.008	88		7.27	7.30		C			1								S
32411	5.384	0.002	5.308	0.003		0.075	0.003	T	0.09	0.00	L	5.3291	0.0008	0.007	86		5.32	5.34					1								S
32412	8.682	0.010	8.677	0.013		0.000	0.015	G	0.02	0.01	H	8.6991	0.0014	0.017	122		8.67	8.73		C			1 S								
32413	8.280	0.010	8.157	0.011		0.119	0.014	T	0.13	0.01	L	8.1985	0.0012	0.010	85		8.19	8.22		C			1								
32414											T	11.2744	0.0096	0.078	104		11.19	11.45		U 2			1 X S								G P
32415	8.331	0.012	7.687	0.009		0.624	0.015	G	0.69	0.01	H	7.7296	0.0015	0.009	74		7.72	7.75		C			1								S
32416	10.100	0.023	8.460	0.011	A	1.088	0.197	G	1.17	0.04	L *	8.4176	0.0017	0.018	118	*	8.39	8.44		D	06461−0141	I 1	2 C C	AB	196	7.377	0.046		3.37	0.27	
32417	8.861	0.019	8.899	0.026		−0.043	0.012	G	−0.02	0.01	H	8.9119	0.0020	0.019	131		8.89	8.95		C			1								D
32418	6.461	0.004	6.611	0.004		−0.125	0.006	G	−0.11	0.01	H	6.5819	0.0009	0.007	108		6.57	6.59					1								S
32419	9.751	0.017	9.209	0.016		0.508	0.021	T	0.58	0.02	L	9.2538	0.0015	0.018	199		9.22	9.29		C			1								
32420	9.193	0.021	9.068	0.025		0.130	0.015	G	0.14	0.01	H	9.1132	0.0017	0.016	81		9.07	9.14		C			1								
32421	9.417	0.018	8.242	0.012		1.008	0.017	T	0.98	0.01	L	8.2800	0.0020	0.015	92		8.26	8.31					1								S
32422	9.287	0.018	7.924	0.011		1.144	0.005	G	1.11	0.01	H	7.9668	0.0016	0.016	133		7.94	8.00		C			1								
32423	10.063	0.034	8.899	0.021		0.964	0.009	G	1.01	0.01	I	8.9426	0.0021	0.016	78		8.92	8.99		C			1								
32424	9.077	0.018	8.863	0.024	*	0.198	0.029	T	0.22	0.03	L *	9.4385	0.0026	0.024	151	*	9.40	9.48		D	06461−2719	I 1	2 C A	AB	217	2.508	0.008		0.15	0.03	
32425	8.524	0.011	8.545	0.014		−0.013	0.004	G	0.01	0.00	H	8.5400	0.0019	0.017	75		8.51	8.57		C			1								
32426	7.927	0.011	7.317	0.008		0.568	0.012	T	0.64	0.01	L	7.3774	0.0011	0.012	137		7.36	7.40		C	06461−2045	I 1	1								S
32427											T	11.4936	0.0109	0.117	68		11.38	11.90		U 2			1								G P
32428	9.208	0.010	8.633	0.009		0.537	0.012	T	0.61	0.01	L	8.7206	0.0012	0.017	248		8.69	8.76		C			1								
32429	9.107	0.013	9.100	0.016		0.013	0.002	G	0.03	0.00	H	9.1043	0.0021	0.021	117		9.07	9.14					1								
32430	8.096	0.010	8.156	0.013		−0.050	0.015	T	−0.03	0.01	L	8.1437	0.0015	0.017	91		8.12	8.17		C			1								
32431	7.566	0.007	6.602	0.006		0.839	0.008	G	0.86	0.01	H	6.6476	0.0007	0.006	79		6.64	6.66		C			1								S
32432	8.051	0.009	7.866	0.011	*	0.177	0.013	T	0.19	0.01	L *	7.8727	0.0013	0.009	83	*	7.86	7.89		D	06462+4203	I 1	2 C A	AB	3	0.414	0.002		0.37	0.02	S
32433	8.997	0.015	7.073	0.007		1.597	0.013	T	1.62	0.01	L	6.9928	0.0020	0.014	81		6.98	7.01		M			1 G								S
32434	6.045	0.004	6.181	0.004		−0.123	0.006	G	−0.11	0.01	H	6.1540	0.0018	0.023	139		6.13	6.21		U 2 C			1								S
32435	7.980	0.007	7.511	0.007		0.460	0.001	G	0.53	0.00	H	7.5684	0.0011	0.009	115		7.56	7.58		C			1								S
32436	7.224	0.005	7.073	0.005		0.137	0.007	T	0.15	0.01	L	7.1004	0.0010	0.009	124		7.09	7.12		C			1								S
32437	9.442	0.016	9.116	0.017		0.340	0.015	G	0.40	0.02	H	9.1660	0.0026	0.024	115		9.13	9.22		U			1								
32438	7.494	0.016	7.178	0.013	C	0.084	0.012	G	0.10	0.01	R *	4.8903	0.0005	0.007	72	–	4.88	4.91		D	06462+5926	I 1	3 C B								S G
32439	6.057	0.003	5.502	0.003		0.525	0.003	T	0.60	0.00	L	5.5505	0.0006	0.005	134		5.54	5.56		C			1								S
32440	8.355	0.013	8.437	0.017		−0.065	0.008	G	−0.04	0.01	H	8.4526	0.0017	0.021	135		8.42	8.48					1								
32441	8.916	0.013	8.382	0.013		0.543	0.015	G	0.62	0.01	H	8.4464	0.0017	0.014	101		8.42	8.47			06463+5150	I 1	1 G								S
32442						3.350	0.015	G	3.37	0.01	J	9.9016	0.0282	0.161	70		9.74	10.18		U 2			1 S								G
32443	8.437	0.011	8.295	0.013		0.137	0.016	T	0.15	0.02	L	8.3101	0.0020	0.022	83		8.28	8.35					1								S
32444	8.028	0.007	7.017	0.004	*	0.882	0.006	T	0.89	0.00	L *	7.0701	0.0008	0.010	160	*	7.05	7.09		D	06463−2934	H 1	2 C S A	AB	247	0.139	0.011		1.29	0.32	S
32445	10.664	0.048	9.788	0.032		0.780	0.020	G	0.82	0.01	H	9.8497	0.0020	0.016	94		9.82	9.88					1								G
32446	9.448	0.019	9.047	0.020		0.379	0.026	T	0.44	0.03	L	9.0986	0.0017	0.014	92		9.07	9.12		C			1								
32447	9.457	0.017	9.410	0.022		0.048	0.026	T	0.06	0.02	L	9.4465	0.0020	0.016	92		9.42	9.47					1								G
32448	8.934	0.016	8.884	0.020		0.051	0.024	T	0.06	0.02	L	8.9123	0.0019	0.019	75		8.88	8.95		C			1								
32449	7.309	0.006	7.304	0.008		0.009	0.009	T	0.03	0.01	L	7.3211	0.0011	0.010	80		7.30	7.34		C			1								S
32450	11.179	0.047	10.209	0.032		0.852	0.042	T	0.87	0.03	L	10.2000	0.0030	0.036	173		10.09	10.25					1 S								G
32451	7.001	0.005	7.056	0.007		−0.060	0.015	G	−0.04	0.01	H	7.0588	0.0007	0.008	97		7.05	7.07					1								S
32452	8.773	0.011	8.178	0.010		0.555	0.011	T	0.63	0.01	L	8.2183	0.0016	0.015	139		8.19	8.24					1								S
32453	8.340	0.008	8.144	0.009		0.162	0.015	G	0.18	0.01	H	8.1867	0.0014	0.013	133		8.16	8.21		C			1								S
32454	8.074	0.005	8.222	0.007		−0.148	0.002	G	−0.15	0.00	H	8.2246	0.0012	0.016	241		8.20	8.26					1								
32455	7.970	0.006	6.849	0.004		0.965	0.006	T	0.95	0.01	L	6.9123	0.0008	0.009	169		6.90	6.93					1								S
32456	8.246	0.010	8.279	0.013		−0.026	0.015	T	0.00	0.01	L	8.2935	0.0014	0.014	97		8.27	8.32		C			1								S
32457											T *	11.0378	0.0059	0.053	146	*	10.95	11.15		D	06464−2830	M 1	2 C A	AB	175	6.712	0.017		0.13	0.04	G
32458	10.186	0.026	9.921	0.030		0.252	0.037	T	0.28	0.05	L	9.9814	0.0022	0.020	126		9.93	10.02		C			1								
32459	9.126	0.016	8.886	0.018		0.229	0.023	T	0.25	0.03	L	8.9105	0.0079	0.046	88		8.84	8.98	0.13	P 1 A			1								
32460	9.247	0.015	8.676	0.014		0.537	0.015	T	0.61	0.02	L	8.7308	0.0017	0.015	111		8.71	8.75		C			1								
32461	7.206	0.006	7.203	0.007		−0.008	0.003	G	0.01	0.00	H	7.2072	0.0008	0.008	93		7.20	7.22		C			1								S
32462	8.382	0.009	8.465	0.012		−0.070	0.002	G	−0.05	0.00	H	8.4726	0.0016	0.013	100		8.45	8.50		C			1								
32463	5.696	0.003	5.884	0.003		−0.173	0.006	G	−0.18	0.01	H	5.8572	0.0007	0.007	110		5.85	5.87		M			1								S
32464	9.274	0.015	7.467	0.007		1.504	0.013	T	1.53	0.02	L	7.4313	0.0010	0.008	101		7.42	7.44		C			1								S
32465	9.933	0.023	8.845	0.016		0.940	0.021	T	0.93	0.01	L	8.9319	0.0014	0.013	102		8.91	8.95		C			1								
32466	6.789	0.005	6.697	0.006		0.077	0.015	G	0.09	0.02	H	6.7188	0.0014	0.012	90		6.70	6.74					1								S
32467	9.261	0.019	7.915	0.011		1.151	0.012	G	1.11	0.01	H	7.9463	0.0017	0.017	132		7.91	7.98					1								
32468	10.126	0.032	8.209	0.013		1.591	0.027	T	1.61	0.03	L	8.1496	0.0019	0.013	73		8.13	8.17					1								
32469	10.865	0.040	9.594	0.022		1.082	0.036	T	1.04	0.03	L	9.6665	0.0015	0.018	113		9.64	9.69		C			1								
32470	8.238	0.012	7.717	0.012		0.505	0.015	G	0.58	0.02	H	7.7709	0.0016	0.010	63		7.75	7.79		C			1								S
32471	8.084	0.005	8.152	0.007		−0.063	0.015	G	−0.04	0.01	H	8.1538	0.0011	0.015	224		8.13	8.18					1								
32472	9.771	0.018	8.679	0.012		0.944	0.017	T	0.93	0.01	L	8.7205	0.0013	0.014	119		8.69	8.75		C			1								
32473	8.379	0.010	8.389	0.012		−0.004	0.014	T	0.02	0.01	L	8.4188	0.0013	0.010	94		8.39	8.44					1								
32474	5.602	0.003	5.649	0.004		−0.048	0.007	G	−0.03	0.01	H	5.6531	0.0005	0.004	74		5.64	5.66		C			1								S
32475	7.458	0.006	7.077	0.007	*	0.375	0.015	G	0.44	0.02	H *	7.1246	0.0010	0.010	112	*	7.11	7.14			06467+0822	H 1	2 C D	AB	179	0.412	0.031		3.94	0.15	S D
32476	9.351	0.017	8.060	0.010		1.089	0.020	G	1.10	0.02	A	8.1118	0.0015	0.015	121		8.09	8.13		C			1								
32477	7.603	0.010	6.601	0.005	A	0.858	0.004	G	0.87	0.00	H *	6.6119	0.0007	0.008	95	*	6.60	6.62		D	06467−5442	I 1	2 C A	AB	349	1.895	0.007		2.69	0.03	S
32478	9.412	0.019	8.039	0.011		1.140	0.015	G	1.10	0.02	H	8.0666	0.0015	0.012	93		8.05	8.09		C			1								
32479	8.594	0.009	8.535	0.011		0.053	0.013	T	0.07	0.01	L	8.5573	0.0012	0.013	121		8.53	8.58		C			1								
32480	5.930	0.005	5.308	0.004		0.575	0.005	T	0.65	0.01	L	5.3677	0.0006	0.004	73		5.36	5.38		C	06467+4335	I 1	1								S
32481	8.772	0.011	7.104	0.006		1.400	0.015	G	1.38	0.02	H	7.0905	0.0012	0.011	106		7.07	7.11			06467−4748	I 1	1								S
32482	10.291	0.039	9.085	0.024		1.032	0.036	T	1.00	0.03	L	9.1422	0.0020	0.017	63		9.11	9.18					1								
32483	8.460	0.010	8.341	0.012	A	0.115	0.015	T	0.13	0.01	L	8.3832	0.0071	0.017	86	A	8.36	8.41			06468−0609	I 1	2 C D	AB	190	13.043	0.019		2.86	0.10	S D
32484	9.940	0.023	8.161	0.010		1.482	0.020	T	1.50	0.00	A	8.1145	0.0011	0.012	122		8.10	8.14		C			1								
32485	10.216	0.026	9.660	0.025		0.510	0.020	G	0.58	0.02	H	9.7267	0.0022	0.020	100		9.69	9.76		C			1								
32486	8.291	0.010	8.275	0.012		0.019	0.014	T	0.04	0.01	L	8.2943	0.0011	0.012	91		8.27	8.32		D			1								S
32487	7.442	0.008	7.529	0.009		−0.075	0.011	T	−0.05	0.01	L	7.5176	0.0010	0.009	103		7.50	7.53		C			1								S
32488	7.347	0.006	6.853	0.005		0.408	0.004	G	0.47	0.00	H	6.9210	0.0008	0.007	106		6.91	6.93		C			1								S
32489	6.569	0.005	5.450	0.003		0.964	0.005	T	0.95	0.00	L	5.5026	0.0007	0.004	72		5.50	5.52		C			1								S
32490	9.487	0.020	8.480	0.014		0.879	0.018	T	0.89	0.01	L	8.5151	0.0015	0.013	90		8.48	8.54		C			1								
32491	8.536	0.014	7.865	0.012		0.621	0.015	T	0.69	0.01	L	7.9133	0.0018	0.010	79		7.90	7.93					1								S
32492	5.244	0.003	5.275	0.003		−0.024	0.004	T	0.00	0.00	L	5.2764	0.0006	0.005	83		5.27	5.29		C			1								S
32493	8.289	0.010	7.970	0.012		0.303	0.015	T	0.35	0.02	L	8.0178	0.0015	0.011	88		8.00	8.04		C			1								
32494	7.076	0.005	5.529	0.003		1.330	0.002	G	1.35	0.04	E	5.5318	0.0012	0.012	131		5.51	5.55		U 2			1								S
32495	11.710	0.113	9.821	0.034		1.569	0.094	T	1.59	0.10	L	9.5043	0.0087	0.052	72		9.42	9.56		U 2			1 S								
32496	10.102	0.023	8.520	0.011		1.326	0.020	T	1.29	0.02	L	8.4889	0.0013	0.010	115		8.47	8.51		C			1 S								
32497	8.689	0.009	8.681	0.011		0.012	0.013	T	0.03	0.01	L	8.6877	0.0014	0.020	166		8.66	8.72					1								
32498	9.459	0.014	8.173	0.008	*	1.094	0.013	T	1.06	0.01	L *	8.1874	0.0012	0.014	170	*	8.16	8.21		D	06469−1848	I 1	2 C A	AB	66	0.788	0.006		2.03	0.02	
32499	10.939	0.060	8.981	0.020		1.624	0.050	T	1.65	0.05	L	8.8796	0.0017	0.021	68		8.84	8.91		D			1								
32500	6.954	0.004	6.514	0.004		0.429	0.005	T	0.50	0.01	L	6.5596	0.0007	0.008	129		6.55	6.57					1								S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
32501		06 46 59.14	−08 25 06.7	8.07		H	101.746 414 43	−08.418 528 12		1.88	−6.26	−1.62	0.80	0.59	0.92	0.81	0.70	+3	+39	−9	−27	−17	−11	−16	−31	+5	+7	0	0.05
32502		06 46 59.77	−41 28 00.2	8.78		H	101.749 033 02	−41.466 715 25		3.06	−7.14	−2.66	0.61	0.62	0.74	0.66	0.80	−9	+24	−12	+4	+1	+2	+5	+1	+15	−7	1	−0.55
32503		06 47 01.15	+80 14 32.1	7.32		H	101.754 810 82	+80.242 243 30		5.10	27.86	5.49	0.49	0.60	0.69	0.54	0.83	+3	+22	+7	+8	+10	+2	+11	+2	−2	+9	1	1.22
32504		06 47 01.49	−21 00 55.5	6.07	1	H	101.756 219 12	−21.015 416 89		4.88	−15.17	6.24	0.45	0.48	0.72	0.60	0.63	+9	+15	−8	+20	+13	−2	+14	−12	+15	+5	1	−0.48
32505		06 47 01.75	−40 45 13.3	7.78		H	101.757 304 83	−40.753 683 03		2.29	4.61	−22.61	0.53	0.63	0.69	0.58	0.77	−6	+7	−12	+8	+0	+12	+1	−9	+12	−9	0	−1.67
32506		06 47 02.61	+11 02 55.4	7.88		G	101.760 866 22	+11.048 713 05		4.69	2.07	−16.41	0.92	0.53	0.99	1.09	0.74	−1	+33	−16	+6	−18	−4	+1	−57	+15	+29	2	0.22
32507		06 47 02.75	−70 28 06.0	8.53	2	H	101.761 446 90	−70.468 335 81		1.90	3.10	11.25	0.79	0.71	0.75	0.82	0.81	+9	+14	+0	−56	+1	+3	+4	−33	+15	+13	0	0.19
32508		06 47 02.84	−22 40 49.2	8.32		G	101.761 834 52	−22.680 323 44		3.17	−5.13	7.70	0.44	0.59	0.92	0.56	0.72	−3	+12	−9	+20	−17	+15	−7	−22	+20	+16	0	−1.20
32509	H	06 47 03.20	+10 00 45.5	9.27		H	101.763 346 52	+10.012 640 70	*	3.63	−4.25	−31.42	1.32	0.80	1.45	1.45	1.14	−18	+31	−5	−18	+23	−26	+9	−65	+3	−38	0	0.67
32510		06 47 03.34	+46 06 34.4	9.10		H	101.763 915 97	+46.109 567 51		4.81	11.84	−38.08	1.11	0.87	1.29	1.54	1.05	−32	+20	−11	−9	+3	+10	+11	−39	+9	−16	0	1.57
32511		06 47 05.01	−19 38 20.8	8.76		H	101.770 877 39	−19.639 114 32		0.82	−1.31	−4.07	0.63	0.67	0.98	0.85	0.86	+8	+4	+2	+23	+9	+0	+4	−13	+1	−7	0	−0.28
*32512		06 47 07.05	+30 16 34.4	9.41	3	H	101.779 386 56	+30.276 232 30		1.00	−3.19	−15.96	1.73	0.73	1.96	1.68	1.01	+20	+63	−1	−18	−17	−24	−1	−44	+16	+27	5	3.19
*32513		06 47 07.04	−12 11 56.8	7.54		H	101.779 320 16	−12.199 111 28		2.24	−16.64	−4.40	0.89	0.61	0.89	1.28	0.76	+13	+18	−13	−31	−22	+3	−14	−31	+20	−12	0	0.52
32514		06 47 07.56	+17 07 11.9	7.71		H	101.781 504 91	+17.119 969 78		2.49	−2.55	−6.12	1.02	0.55	1.09	1.24	0.85	+5	+39	+1	+16	+4	−22	+7	−35	+9	+1	0	−0.76
32515		06 47 08.63	−59 57 45.8	8.88		H	101.785 951 69	−59.962 713 07		2.20	2.15	34.10	0.78	0.69	0.77	0.78	0.80	−8	−20	+10	+7	−5	+0	−4	+8	−5	−8	1	1.94
32516		06 47 09.40	+03 58 01.5	10.68	2	H	101.789 166 54	+03.967 095 28		−2.42	−0.50	2.76	1.87	1.22	2.28	1.95	1.60	+10	+36	+17	−40	−19	−38	−21	−64	−31	+26	0	0.71
32517		06 47 09.65	−30 57 27.8	7.86	1	H	101.790 228 34	−30.957 712 91		3.25	−9.09	12.27	0.54	0.61	0.80	0.60	0.72	−4	+6	−3	+20	−10	+16	−10	+6	+1	−5	2	0.43
32518		06 47 10.76	+26 33 40.5	8.67		G	101.794 833 32	+26.561 255 12		7.27	−20.34	4.45	1.26	0.72	1.27	1.76	1.17	−8	+23	−10	+18	+27	+1	+33	−40	+10	−4	0	−2.31
32519		06 47 11.26	+33 47 28.7	8.35		H	101.796 931 04	+33.791 293 48		4.83	9.94	6.89	1.35	0.84	1.37	2.26	1.31	+40	−5	−15	−36	−43	+24	−33	−66	+26	+61	0	0.93
32520		06 47 11.52	+01 31 45.7	8.59	2	H	101.798 006 04	+01.529 362 88		3.60	3.09	0.10	1.10	0.86	1.14	1.53	1.22	+5	+37	+12	−58	−16	−19	−16	−76	−14	+11	0	0.55
32521		06 47 11.64	−61 48 47.0	8.41		G	101.798 502 27	−61.813 043 51		3.04	−0.56	−6.06	0.63	0.65	0.68	0.70	0.77	+5	+6	+25	−4	−11	−20	−4	+21	+0	−8	1	0.72
32522		06 47 12.74	+57 15 22.0	8.40		H	101.803 084 96	+57.256 109 73		5.35	−2.05	1.66	0.87	0.73	1.08	1.03	0.84	+1	+21	+0	+24	−4	+0	−6	−14	−2	−2	2	2.03
32523		06 47 13.11	+22 11 40.9	7.00		H	101.804 629 25	+22.194 704 90		6.10	−20.60	−95.09	0.97	0.52	1.08	1.14	0.77	−2	+43	+7	+5	+12	−20	+13	−36	+17	−23	0	0.70
32524		06 47 13.43	−05 36 49.6	8.80		H	101.805 973 75	−05.613 772 53		6.54	0.75	41.69	1.19	0.87	1.49	1.32	1.10	−21	+50	−4	−9	−9	+4	−4	−32	+3	−7	0	1.16
32525		06 47 13.70	+16 55 35.1	7.52		H	101.807 084 45	+16.926 412 87		10.24	−49.91	−25.72	0.91	0.55	0.99	1.15	0.84	+4	+29	−1	+9	−6	−22	−4	−33	+12	−2	0	−0.16
32526		06 47 14.88	+08 31 07.9	8.32		H	101.812 014 66	+08.518 849 15		3.55	8.47	−19.32	1.03	0.62	1.09	0.98	0.79	−2	+39	+0	−27	−2	−14	−10	−55	−3	−13	0	−0.41
32527	H	06 47 15.26	+24 50 11.4	9.63		H	101.813 569 73	+24.836 505 57	*	1.34	−3.68	−2.18	2.83	1.33	1.94	2.06	1.36	+9	+44	+3	−7	+13	+3	+17	−42	+25	−14	0	0.39
32528		06 47 15.37	−23 03 12.5	8.00	1	H	101.814 022 16	−23.053 469 68		1.64	−1.58	−0.52	0.53	0.63	1.02	0.60	0.68	−1	+13	−2	+47	−33	+21	−19	−16	+22	+22	2	0.49
32529		06 47 15.45	−65 05 19.5	8.39		H	101.814 370 45	−65.088 744 26		3.61	1.40	−19.00	0.63	0.64	0.66	0.67	0.72	+7	+9	+5	−1	−15	+9	−16	−6	+8	−2	0	0.37
32530		06 47 15.84	−18 15 32.0	10.56		G	101.815 998 51	−18.258 880 17		31.48	−101.68	66.51	1.13	1.28	1.95	1.38	1.59	−21	+17	−26	−2	+38	−27	+34	−33	+33	−36	0	−0.22
32531		06 47 18.71	−55 32 24.2	5.60	2	T	101.827 958 02	−55.540 049 18		5.45	−0.86	25.08	0.47	0.45	0.49	0.53	0.55	−3	+7	+2	+26	−8	+15	−12	−7	−11	−11	0	0.91
32532		06 47 19.27	+18 19 22.2	7.31		H	101.830 301 67	+18.322 833 41		6.56	−21.76	−18.92	0.80	0.51	0.84	0.94	0.67	+14	+25	−15	−22	−17	−5	−12	−53	+12	+25	0	2.83
32533		06 47 19.84	+08 02 14.2	4.77	1	H	101.832 684 67	+08.037 282 77		6.73	−23.34	−11.84	0.68	0.42	0.75	0.72	0.54	−10	+37	−2	−6	+5	−15	−1	−42	−11	−10	0	−1.37
32534		06 47 19.88	+72 43 13.2	8.58		H	101.832 824 88	+72.720 344 83		7.82	10.77	−66.39	0.56	0.79	1.04	0.63	0.87	+11	+5	−15	+15	−9	+5	−6	−15	+6	+21	2	1.61
32535		06 47 20.69	+05 28 25.7	7.82		H	101.836 215 20	+05.473 812 64		3.39	−1.52	−2.72	0.92	0.54	1.00	0.99	0.70	−14	+34	−18	−7	−4	−15	−1	−47	+4	+3	4	0.77
32536		06 47 21.20	−38 55 16.7	7.63		H	101.838 319 54	−38.921 301 98		4.66	−14.75	11.30	0.56	0.55	0.70	0.68	0.69	+13	+15	−1	+14	−8	+31	−6	−4	+22	+15	1	−2.58
32537		06 47 21.41	−37 55 46.8	5.27		H	101.839 194 91	−37.929 672 46		9.85	−9.92	−10.57	0.44	0.46	0.56	0.50	0.56	+8	+13	+4	+4	−5	+20	−5	+6	+11	+9	0	−1.06
32538	H	06 47 22.79	−48 33 49.2	6.84		H	101.844 937 57	−48.563 661 91	A	5.08	−17.70	36.84	0.63	0.66	0.63	0.63	0.74	+0	+13	+10	−21	−6	−12	−4	−25	+9	−11	2	0.48
32539	H	06 47 23.46	+18 11 36.8	6.35		H	101.847 738 12	+18.193 556 53	A	7.56	−0.02	−43.08	2.04	1.57	1.41	1.75	1.46	−17	+17	−2	−46	+41	+1	+36	−67	+6	−54	1	0.70
32540		06 47 26.04	+48 12 55.7	8.67		H	101.858 514 29	+48.215 469 18		5.26	−4.95	−8.32	0.91	0.66	1.08	1.11	0.77	+2	+27	−8	−12	−12	−10	−10	−25	+3	+12	2	0.81
32541		06 47 26.66	−25 43 31.4	8.67		H	101.861 097 67	−25.725 388 12		5.38	−1.54	−7.41	0.65	0.81	1.17	0.77	0.96	+6	+16	+6	+12	−15	+11	−13	+0	+9	+11	0	0.35
32542		06 47 27.39	−28 33 31.6	7.84		G	101.864 134 15	−28.558 778 89		0.97	−1.94	6.19	0.56	0.62	0.85	0.68	0.77	−6	+0	−2	+3	−8	+7	−7	−3	−1	+2	0	1.24
32543		06 47 27.46	+26 07 46.1	8.47		H	101.864 423 76	+26.129 460 42		3.35	−2.52	−35.91	1.27	0.74	1.29	1.93	1.22	+11	+24	+7	+23	+20	+25	+26	−31	+1	+22	0	0.62
*32544		06 47 27.99	−40 30 54.9	10.70		G	101.866 640 09	−40.515 252 43		28.90	−45.95	−254.29	0.96	1.20	1.26	1.05	1.47	−3	+9	−9	−7	+0	+4	+0	−18	+4	−11	0	−1.77
*32545		06 47 27.96	+63 03 18.8	7.52		H	101.866 516 30	+63.055 232 33		4.54	−7.60	−18.38	0.68	0.61	0.95	0.95	0.83	+24	+14	−10	+19	−6	+11	−2	+3	+28	+17	0	−0.36
32546		06 47 28.04	+33 06 31.9	8.37		H	101.866 853 25	+33.108 859 44		4.35	7.23	−27.76	1.04	0.58	1.10	1.38	0.78	+4	+35	−8	+14	−14	−3	+3	−32	+10	+36	0	1.25
32547		06 47 28.32	−28 34 25.0	8.50		G	101.868 016 08	−28.573 603 12		4.14	6.41	4.47	0.70	0.83	1.11	0.90	1.06	−7	−3	+3	+6	−4	+10	−3	−6	−5	+3	0	−0.64
*32548	H	06 47 28.84	−76 51 05.3	7.00	1	H	101.870 187 32	−76.851 476 89	*	7.05	−14.96	1.68	0.54	0.47	0.54	0.62	0.56	−9	+27	+10	−6	+6	+7	+1	−19	−10	−29	3	0.52
*32549		06 47 28.81	+69 37 44.8	8.24	2	H	101.870 039 82	+69.629 123 77		2.17	−1.69	−8.62	0.44	0.63	0.94	0.48	0.72	+9	+19	+4	+53	+6	+9	+21	−11	+10	+31	0	0.18
32550		06 47 29.01	−33 30 46.6	8.21		H	101.870 880 44	−33.512 942 59		3.92	−1.34	−5.41	0.58	0.71	0.87	0.64	0.97	+5	+11	−2	+20	+8	+22	+6	+34	−18	+11	0	−0.42
32551		06 47 29.44	+33 46 34.9	9.61		H	101.872 685 16	+33.776 365 07		8.92	14.01	−104.16	1.57	1.00	1.67	2.94	1.66	+31	+1	−13	−28	−40	+20	−24	−64	+21	+63	0	1.78
32552		06 47 31.75	−25 41 05.2	7.95		H	101.882 291 51	−25.684 788 00		3.49	−2.54	−0.82	0.49	0.60	0.86	0.60	0.73	+2	+13	−5	+11	−14	+16	−11	+0	+13	+12	0	−0.24
32553		06 47 32.59	−39 09 39.5	8.79		H	101.885 811 10	−39.160 970 29		5.94	−13.28	−3.95	0.72	0.80	0.93	0.78	1.02	+11	+4	−12	+8	−5	+19	−2	−10	+32	+9	1	0.99
32554		06 47 33.38	+18 56 30.6	8.98		H	101.889 103 67	+18.941 844 20		0.38	−5.25	−1.20	1.39	0.87	1.36	1.77	1.15	+32	+21	−5	−38	−37	−9	−34	−60	−17	+52	0	1.30
32555		06 47 33.61	+70 13 23.3	8.21		H	101.890 024 66	+70.223 132 49		4.11	−15.84	−35.31	0.39	0.65	0.92	0.45	0.75	+10	+9	+14	+21	+7	+13	+10	−21	−5	+21	0	0.94
32556		06 47 34.96	+37 01 50.0	10.33		H	101.895 667 85	+37.030 566 43		2.44	−6.15	−15.55	1.62	0.95	1.88	1.88	1.19	+5	+41	+1	−24	−29	−12	−23	−55	+2	+11	0	−2.13
32557		06 47 36.32	−17 30 30.9	7.05		H	101.901 325 63	−17.508 570 82		3.61	−4.91	6.56	0.46	0.52	0.94	0.58	0.66	−8	+24	−38	+1	+43	−31	+41	−47	+47	−15	0	0.08
32558		06 47 37.22	−08 59 54.6	5.08	2	H	101.905 098 33	−08.998 501 09		2.49	−4.21	−0.61	0.62	0.48	0.73	0.70	0.56	+5	+29	−18	−21	−22	+7	−14	−36	+19	+24	0	−0.69
*32559		06 47 38.16	+25 42 08.8	9.20		H	101.908 997 66	+25.702 456 86		5.87	−8.04	−14.63	1.63	1.00	1.89	3.27	1.80	+10	+10	+4	+7	+14	+53	+25	−45	+25	+36	0	−0.47
*32560		06 47 38.16	+37 31 05.3	12.06		G	101.908 993 26	+37.518 132 67		64.91	−225.66	−935.54	2.93	1.80	3.37	3.50	2.32	−13	+39	+14	−2	−14	−9	−16	−38	−6	−24	0	1.35
32561		06 47 39.19	−24 56 36.2	8.00		H	101.913 280 05	−24.943 376 32		2.88	−4.70	−5.28	0.47	0.57	0.87	0.57	0.76	+15	+7	+2	+9	−15	+3	−14	−8	+8	+22	0	0.24
32562		06 47 39.58	+48 47 22.1	5.22		G	101.914 919 74	+48.789 460 87		7.69	−5.25	6.40	0.67	0.47	0.78	0.75	0.51	−6	+45	−18	−10	−18	+3	−9	−30	+8	+14	0	0.11
32563		06 47 39.87	−54 45 06.7	8.07		H	101.916 112 56	−54.751 850 51		5.75	0.10	15.91	0.58	0.59	0.63	0.61	0.76	+3	+12	−3	+4	−2	+15	−4	−11	−10	−5	0	−1.28
32564		06 47 39.98	−81 03 57.0	7.25		H	101.916 602 08	−81.065 836 30		4.36	4.27	73.24	0.53	0.48	0.55	0.61	0.52	−4	+18	+11	−10	−5	+8	−3	−1	+4	−23	0	1.07
32565		06 47 43.53	−55 23 26.5	9.05		H	101.931 385 01	−55.390 706 85		3.01	−3.02	38.68	0.73	0.74	0.78	0.90	0.96	+5	+13	−1	+5	−9	−6	−14	−22	−6	−9	0	0.79
32566		06 47 44.90	+30 06 57.1	7.96		H	101.937 078 20	+30.115 859 00		2.89	−4.83	17.07	0.98	0.56	1.00	1.18	0.70	+18	+31	−8	+16	−14	+6	−4	−24	+12	+36	0	2.16
32567		06 47 44.94	+58 38 38.7	10.32		G	101.937 264 22	+58.644 083 09		3.98	−6.92	−477.52	1.37	1.26	1.81	1.43	1.28	−13	+43	−13	+6	+29	+5	+24	−37	+3	−12	0	−0.04
32568		06 47 45.93	+31 42 10.2	7.98		G	101.941 359 23	+31.702 826 69		8.77	29.47	−43.45	1.01	0.61	1.06	1.30	0.81	−4	+27	−4	+13	+14	+5	+23	−33	+11	+15	2	0.95
32569		06 47 46.55	+06 17 49.1	7.93		H	101.943 953 55	+06.296 982 08		0.73	−0.78	0.55	0.92	0.52	1.00	0.90	0.66	−15	+46	−15	−29	−1	−24	−6	−44	−10	+8	0	1.16
32570	H	06 47 47.12	−22 10 10.1	8.29	1	H	101.946 336 95	−22.169 482 80	A	2.43	−5.99	4.79	0.71	1.02	1.33	0.82	1.11	−41	+19	−24	−12	+12	−6	+13	−22	+15	−35	0	0.71
32571		06 47 47.51	+21 41 29.7	6.81		H	101.947 963 66	+21.691 573 48		3.13	7.97	−13.20	0.91	0.46	1.03	1.17	0.71	+0	+44	+4	+3	+3	−30	+6	−36	+10	−9	0	0.88
32572	H	06 47 47.56	+00 20 24.6	7.00		G	101.948 157 79	+00.340 170 27	A	6.70	−4.42	7.68	2.44	1.90	1.73	1.80	1.60	−62	+9	+1	−60	+44	+1	+54	−66	−12	−49	1	−0.93
32573		06 47 48.44	−03 06 29.7	11.05		H	101.951 843 08	−03.108 241 64		−1.17	0.60	−3.54	2.07	1.47	2.38	2.49	2.13	−36	+26	−2	−35	+17	−23	+13	−41	−7	−30	2	3.24
32574	H	06 47 48.93	−46 19 32.2	9.49		H	101.953 854 68	−46.325 609 84	A	8.46	21.30	−22.25	2.39	2.56	2.03	2.29	2.81	+17	+1	+4	−3	+7	+3	+7	−17	+18	−3	1	−0.26
32575		06 47 49.98	−33 51 56.2	9.19		H	101.958 256 49	−33.865 623 46		1.77	−10.14	5.46	0.73	0.83	1.09	0.95	1.13	+9	−4	−5	+10	+5	+28	+8	+12	−16	+6	0	0.35
32576		06 47 50.62	−30 52 32.1	11.99	2	G	101.960 917 31	−30.875 574 99		7.57	−138.88	−253.92	3.24	3.55	4.62	3.93	4.18	−3	−4	+8	+17	−13	+2	−14	−7	+6	−8	2	
32577		06 47 51.06	+07 52 57.7	7.68		H	101.962 750 06	+07.882 696 80		4.09	1.49	−4.96	0.85	0.53	0.89	0.98	0.70	+7	+32	−2	−15	−11	−6	−10	−54	−7	+15	0	−0.14
32578		06 47 51.66	+02 24 43.9	4.48		H	101.965 236 79	+02.412 189 14	+	8.74	−12.97	−12.36	2.63	2.82	0.91	2.02	2.31	+8	+25	−35	−94	−8	−15	−1	−97	+31	−1	0	−1.46
32579		06 47 52.01	−49 03 36.8	7.66		H	101.966 710 98	−49.060 230 28		9.56	−7.21	−14.10	0.57	0.56	0.63	0.63	0.68	+2	+26	+13	+0	−3	−6	−8	−28	−1	−18	4	−1.00
32580		06 47 52.33	−42 38 15.7	8.52		H	101.968 053 50	−42.637 694 23		2.02	−10.18	23.11	0.64	0.69	0.76	0.66	0.86	−9	−7	+0	+3	−13	−8	−15	+17	−6	−9	0	1.38
32581		06 47 53.86	+04 40 00.9	9.65		G	101.974 408 43	+04.666 903 39		0.39	−1.26	0.04	1.26	0.77	1.36	1.36	1.00	−6	+35	−11	−14	−6	−9	−5	−52	−8	+9	2	0.51
32582		06 47 54.26	+38 57 26.5	10.09		H	101.976 071 16	+38.957 364 93		1.80	1.66	−10.99	1.47	1.06	1.89	2.13	1.59	−12	+16	−35	−13	−7	+12	+2	−54	+37	−4	0	0.28
32583		06 47 56.35	+31 02 48.6	8.08		H	101.984 783 62	+31.046 827 52		4.36	−11.22	−5.00	1.00	0.62	1.09	1.37	0.79	+15	+16	−18	+8	−12	+20	+4	−36	+18	+46	0	0.60
32584	H	06 47 56.86	−05 09 14.4	7.65		G	101.986 933 44	−05.153 994 11	A	5.49	−6.47	−0.76	1.24	1.05	1.24	1.21	1.02	−16	+28	−11	−25	+0	+0	+0	−37	−9	+7	0	0.83
*32585	H	06 47 57.36	−11 06 30.2	7.70		G	101.989 009 90	−11.108 397 69	A	2.25	−3.87	−1.31	1.30	1.01	1.27	1.61	1.22	−33	+10	−10	−12	−2	−20	+0	−26	+15	−14	1	0.46
*32586		06 47 57.27	+00 46 34.0	8.92	2	H	101.988 618 04	+00.776 118 40		3.36	−0.69	−0.59	1.07	0.78	1.18	1.16	0.98	−46	+7	−1	−52	+25	+7	+24	−60	−8	−32	0	−0.21
32587		06 47 57.38	+22 08 50.8	8.65		H	101.989 075 64	+22.147 443 10		4.67	−26.77	−21.15	1.10	0.63	1.19	1.24	0.82	−4	+36	−1	−2	−1	−7	+7	−41	+10	+6	0	1.16
32588		06 47 57.53	+48 00 17.7	8.12		H	101.989 698 88	+48.004 930 36		1.17	−0.80	−6.20	0.91	0.65	1.04	1.11	0.72	−9	+33	−25	+5	+4	−3	+9	−21	+3	+21	0	−0.71
32589		06 47 57.86	−13 42 10.8	7.86		H	101.991 063 70	−13.703 011 41		3.33	−8.12	11.01	0.83	0.61	0.95	0.97	0.74	−10	+40	−15	+13	−15	−11	−10	−6	+19	−20	0	0.02
32590		06 47 58.13	−36 12 59.8	9.81		H	101.992 214 24	−36.216 614 53		1.63	−0.84	2.32	0.73	1.00	1.05	0.73	1.29	+3	−6	−5	+1	+8	+6	+10	+40	−11	+4	0	1.07
32591	H	06 47 58.62	−26 32 05.9	8.56		H	101.994 236 71	−26.534 967 66	*	1.42	−2.03	5.44	0.59	0.71	0.97	0.71	0.85	−3	+0	−4	+1	−9	−7	−10	−2	+1	−13	0	−0.22
32592		06 47 58.87	+41 10 37.7	10.25		G	101.995 288 82	+41.177 145 09		4.10	−4.24	−5.30	1.51	0.98	1.66	1.93	1.26	+14	+24	−9	−18	−35	+0	−29	−47	+10	+23	0	−0.77
32593		06 47 59.04	+14 30 57.4	9.10		H	101.995 986 11	+14.515 957 74		3.64	−6.28	4.37	1.12	0.66	1.22	1.12	0.81	−13	+33	−9	−3	−3	−20	−5	−40	−5	−2	2	0.73
32594		06 47 59.34	−04 15 06.8	7.66		H	101.997 230 84	−04.251 888 94		11.07	6.08	31.39	0.88	0.68	0.95	1.28	0.92	+16	+18	−15	−51	−29	−26	−30	−53	+7	+29	6	3.34
32595		06 48 00.02	+11 28 58.5	7.99		H	102.000 084 34	+11.482 916 93		3.25	−1.07	−5.97	0.85	0.51	0.93	1.02	0.71	−11	+40	−21	+8	−6	−5	+14	−43	+8	+32	0	−0.39
32596		06 48 00.07	+00 19 19.4	7.94		H	102.000 282 16	+00.322 048 73		0.57	−0.46	1.79	1.09	0.79	1.05	1.06	0.93	−65	+21	−10	−59	+40	−2	+44	−68	−5	−30	0	1.41
32597		06 48 00.65	−39 41 22.2	8.34		H	102.002 692 46	−39.689 501 02		9.19	13.82	1.78	0.60	0.66	0.75	0.62	0.83	+9	+5	−12	−1	−9	+3	−10	−11	+18	−4	3	−2.79
32598		06 48 01.94	−48 06 24.7	9.49		H	102.008 082 32	−48.106 874 43		2.89	−3.93	4.15	0.84	0.94	0.98	0.97	1.36	+8	−12	−3	−22	−3	+18	−7	−34	+17	+0	2	0.90
32599		06 48 03.83	+72 49 10.0	9.09		H	102.015 949 97	+72.819 447 32		1.63	−6.06	−29.59	0.69	0.88	1.20	0.72	0.93	+9	+8	−9	+27	−20	+17	−17	−23	+17	+12	3	−0.31
32600		06 48 04.31	−03 02 20.7	10.92		G	102.017 962 29	−03.039 086 75		0.94	3.31	−1.45	2.03	1.43	2.42	2.47	2.04	−31	+35	−16	−38	+10	−27	+1	−27	−7	−22	0	−0.12

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
32501	8.021	0.008	8.069	0.010		−0.039	0.012	T	−0.02	0.01	L	8.0693	0.0018	0.013	90		8.04	8.09					1							
32502	8.956	0.013	8.796	0.015		0.154	0.019	T	0.17	0.02	L	8.8362	0.0014	0.014	114		8.81	8.86					1							
32503	8.851	0.015	7.429	0.009		1.201	0.014	T	1.16	0.01	L	7.4792	0.0010	0.011	128		7.46	7.50		C			1							S
32504	5.862	0.003	6.044	0.004		−0.159	0.004	T	−0.16	0.01	L	6.0149	0.0019	0.015	132		6.00	6.05	2.18	P 1 A			1							S P
32505	9.488	0.015	7.927	0.008		1.310	0.013	T	1.27	0.01	L	7.9333	0.0011	0.012	122		7.92	7.95		C			1							S
32506	8.132	0.009	7.937	0.010		0.216	0.015	G	0.24	0.02	H	7.9544	0.0009	0.009	105		7.94	7.97		C			1							S
32507	10.601	0.036	8.775	0.015		1.551	0.032	T	2.63	0.05	O	8.5249	0.0102	0.073	114		8.42	8.62		U 2			1 S							P
32508	8.224	0.011	8.322	0.015		−0.093	0.001	G	−0.07	0.00	H	8.2919	0.0014	0.021	204		8.27	8.33		R	06470−2241	I 1	1							
32509	9.795	0.025	9.297	0.023	*	0.480	0.026	T	0.55	0.03	L *	9.3701	0.0020	0.016	84	*	9.34	9.40		C	06471+1001	I 1	2 C S C	AB	358	0.107	0.009	0.70	0.70	
32510	9.687	0.026	9.147	0.025		0.506	0.032	T	0.58	0.03	L	9.2138	0.0021	0.018	72		9.18	9.26					1							
32511	9.978	0.020	8.857	0.014		0.965	0.019	T	0.95	0.01	L	8.9221	0.0020	0.021	163		8.88	8.96					1							
32512	10.746	0.060	9.504	0.036		1.069	0.058	T	3.79	0.50	O	8.9826	0.2105	0.732	69		7.99	11.09	260.00	P 1 B			1 S							G P
32513	8.889	0.016	7.651	0.010		1.057	0.015	T	1.02	0.01	L	7.7061	0.0012	0.008	72		7.69	7.73					1							
32514	7.563	0.006	7.694	0.009		−0.114	0.010	T	−0.10	0.01	L	7.6720	0.0013	0.011	89		7.66	7.70		C			1							S
32515	10.175	0.027	8.974	0.017		1.028	0.025	T	1.00	0.02	L	9.0449	0.0018	0.018	114		9.02	9.08		C			1							
32516											T	10.7944	0.0266	0.192	82		10.42	10.88	4.13	P 1 A			1 S							G
32517	8.473	0.010	7.931	0.009		0.508	0.012	T	0.58	0.01	L	7.9756	0.0021	0.021	159		7.95	8.02		U	06472−3057	I 1	1							S
32518	9.125	0.020	8.662	0.019		0.417	0.015	G	0.48	0.02	H	8.7536	0.0018	0.016	64		8.72	8.79					1							
32519	9.660	0.024	8.477	0.015		1.014	0.022	T	0.99	0.02	L	8.5206	0.0019	0.015	68		8.49	8.54		C			1							
32520	10.744	0.042	8.900	0.015		1.565	0.037	T	3.50	0.04	O	8.3224	0.0060	0.080	113		8.19	8.50		U 2			1 G							
32521	9.069	0.026	8.553	0.024		0.470	0.015	G	0.54	0.02	H	8.5577	0.0018	0.014	109		8.54	8.58		C			1							
32522	8.833	0.015	8.437	0.015		0.375	0.020	T	0.44	0.02	L	8.4910	0.0021	0.011	64		8.47	8.52		C			1							
32523	8.480	0.009	7.123	0.007		1.150	0.009	T	1.11	0.01	L	7.1647	0.0010	0.008	79		7.15	7.18		C			1							S
32524	9.351	0.020	8.831	0.019		0.488	0.025	T	0.56	0.03	L	8.9087	0.0018	0.022	88		8.88	8.95		C			1							
32525	8.041	0.007	7.568	0.008		0.471	0.015	G	0.54	0.02	H	7.6246	0.0014	0.010	89		7.60	7.64		C			1							S
32526	9.864	0.022	8.446	0.012		1.198	0.020	T	1.16	0.02	L	8.4847	0.0017	0.014	103		8.46	8.51		C			1							
32527	9.629	0.024	9.625	0.034	*	0.008	0.039	T	0.03	0.04	L *	9.6431	0.0027	0.023	64	*	9.61	9.68		D	06473+2450	H 1	2 C A	AB	63	0.257	0.034	2.24	0.35	G
32528	10.207	0.019	8.168	0.007		1.688	0.016	T	1.71	0.02	L	8.1023	0.0018	0.022	230		8.08	8.14		U			1							
32529	9.657	0.018	8.507	0.012		0.988	0.017	T	0.97	0.01	L	8.5509	0.0014	0.014	112		8.53	8.58		C			1							
32530	12.301	0.159	10.766	0.062		1.306	0.009	G	1.50	0.01	I	10.6563	0.0041	0.041	156		10.58	10.73					1							G
32531	7.633	0.012	5.781	0.009		1.549	0.010	G	1.54	0.03	L	5.7139	0.0153	0.077	102		5.66	5.86		U 2 C			1							S P
32532	7.422	0.007	7.323	0.007		0.097	0.009	T	0.11	0.01	L	7.3508	0.0008	0.005	73		7.34	7.36					1							S
32533	6.600	0.005	4.931	0.003		1.396	0.006	G	1.36	0.00	G	4.9161	0.0009	0.007	94		4.90	4.93		M			1							S
32534	8.966	0.010	8.618	0.011		0.330	0.014	T	0.38	0.02	L	8.6601	0.0018	0.021	179		8.63	8.70					1							
32535	8.974	0.014	7.906	0.010		0.925	0.013	T	0.92	0.01	L	7.9848	0.0011	0.010	92		7.97	8.00		C			1							
32536	7.736	0.007	7.639	0.009		0.087	0.010	T	0.10	0.01	L	7.6622	0.0011	0.011	97		7.64	7.68					1							S
32537	5.160	0.002	5.251	0.003		−0.078	0.003	T	−0.06	0.00	L	5.2453	0.0003	0.004	133		5.24	5.25			06473−3756	I 1	1							S
32538	7.829	0.009	6.953	0.007	A	0.300	0.495	G	0.81	0.01	L *	6.9890	0.0009	0.008	105	*	6.97	7.00		D	06474−4834	I 1	2 C A	AB	187	1.771	0.016	3.65	0.09	S
32539	6.434	0.004	6.361	0.006	*	0.066	0.006	T	0.08	0.01	L *	6.3771	0.0010	0.007	75	*	6.37	6.39		D	06474+1812	I 1	2 C A	AB	226	0.366	0.002	0.25	0.01	S
32540	8.851	0.013	8.709	0.016		0.123	0.015	G	0.14	0.01	H	8.7164	0.0016	0.018	81		8.69	8.75		C			1							
32541	9.928	0.018	8.779	0.012		0.987	0.017	T	0.97	0.01	L	8.8333	0.0018	0.022	201		8.80	8.87		C			1							
32542	7.603	0.007	7.803	0.008		−0.165	0.002	G	−0.17	0.00	H	7.7805	0.0014	0.014	154		7.76	7.80			06475−2834	I 2	1 S							S
32543	8.706	0.016	8.484	0.018		0.212	0.023	T	0.23	0.03	L	8.5406	0.0016	0.012	51		8.52	8.56		D			1							
32544	12.335	0.178	10.802	0.067		1.315	0.015	G	1.52	0.02	I	10.8008	0.0037	0.032	118		10.75	10.85		C			1							G
32545	8.705	0.014	7.635	0.010		0.927	0.013	T	0.92	0.01	L	7.6800	0.0012	0.010	86		7.66	7.70					1							S
32546	8.597	0.012	8.393	0.014		0.195	0.017	T	0.21	0.02	L	8.4300	0.0015	0.014	74		8.41	8.45		C			1							
32547	9.593	0.017	8.523	0.012		0.910	0.020	G	0.91	0.01	H	8.6394	0.0016	0.019	152		8.61	8.67			06475−2834	I 2	1							
32548	8.105	0.010	7.112	0.006	*	0.869	0.009	T	0.88	0.01	L *	7.1591	0.0011	0.011	107	*	7.14	7.18		M	06475−7651	I 1	2 C S D	AC	77	0.139	0.040	2.04	0.60	S D
32549	8.281	0.005	8.253	0.007		0.026	0.008	T	0.04	0.01	L	8.2588	0.0057	0.078	246		8.20	8.53	0.77	P 1 A			1							
32550	9.480	0.014	8.331	0.009		0.987	0.013	T	0.97	0.01	L	8.3786	0.0019	0.017	138		8.34	8.42					1							
32551	10.405	0.044	9.695	0.038		0.653	0.047	T	0.72	0.04	L	9.7439	0.0028	0.018	65		9.71	9.77		C			1							G
32552	8.017	0.007	7.956	0.007		0.061	0.009	T	0.07	0.01	L	7.9811	0.0012	0.015	191		7.96	8.01					1							S
32553	9.916	0.022	8.900	0.016		0.886	0.020	T	0.89	0.01	L	8.9476	0.0016	0.019	113		8.92	8.99		C			1							
32554	8.932	0.015	8.992	0.020		−0.050	0.023	T	−0.03	0.02	L	8.9726	0.0025	0.019	76		8.94	9.01					1							
32555	9.356	0.009	8.306	0.007		0.912	0.009	T	0.91	0.01	L	8.3746	0.0012	0.018	278		8.35	8.41					1							
32556	10.990	0.051	10.347	0.045		0.597	0.059	T	0.67	0.05	L	10.4605	0.0027	0.027	114		10.42	10.51		C			1							G
32557	7.007	0.003	7.043	0.004		−0.029	0.001	G	−0.01	0.00	H	7.0492	0.0008	0.010	197		7.03	7.07					1							S
32558	7.466	0.009	5.304	0.005		1.795	0.039	G	2.05	0.03	C	5.1604	0.0025	0.021	92		5.12	5.22		U 2 C			1 S							S P
32559	9.859	0.034	9.255	0.032		0.563	0.041	T	0.64	0.04	L	9.3240	0.0025	0.015	52		9.30	9.35		C			1							
32560	11.861	0.166	11.717	0.222		−0.098	0.049	G	−0.08	0.06	H	12.0918	0.0083	0.055	84		11.96	12.19					1							G
32561	7.894	0.006	7.965	0.009		−0.060	0.010	T	−0.04	0.01	L	7.9914	0.0009	0.016	197		7.96	8.02					1							S
32562	6.668	0.005	5.341	0.003		1.131	0.001	G	1.09	0.00	H	5.3919	0.0007	0.005	78		5.38	5.40		C			1							S
32563	8.398	0.010	8.089	0.010		0.295	0.015	T	0.34	0.02	L	8.1443	0.0010	0.011	99		8.13	8.16					1							S
32564	9.132	0.014	7.426	0.007		1.424	0.012	T	1.41	0.02	L	7.3896	0.0013	0.011	115		7.37	7.41			06477−8104	I 1	1							S
32565	10.440	0.032	9.173	0.019		1.079	0.029	T	1.04	0.02	L	9.2213	0.0021	0.016	102		9.20	9.24		C			1							
32566	9.702	0.022	8.114	0.011		1.331	0.019	T	1.29	0.02	L	8.1165	0.0016	0.013	80		8.10	8.13					1							S
32567	10.724	0.046	10.324	0.050		0.444	0.031	G	0.51	0.03	H	10.3987	0.0055	0.026	67		10.36	10.45		C			1							G
32568	8.716	0.015	8.078	0.013		0.627	0.015	G	0.69	0.01	H	8.1173	0.0013	0.011	68		8.10	8.14		C			1							S
32569	7.825	0.007	7.910	0.011		−0.073	0.007	G	−0.05	0.01	H	7.9154	0.0012	0.011	96		7.90	7.93		C			1							
32570	8.156	0.008	8.254	0.012	*	−0.084	0.012	T	−0.06	0.01	L *	8.2647	0.0024	0.028	239	*	8.22	8.31	7.04	P 1 A	06478−2210	I 1	2 C A	AB	41	7.017	0.012	2.90	0.06	
32571	8.912	0.015	6.990	0.007		1.630	0.014	T	1.85	0.05	O	6.8971	0.0015	0.011	71		6.88	6.92					1							S
32572	7.226	0.005	7.041	0.006	*	0.160	0.015	G	0.18	0.01	H *	7.0658	0.0008	0.009	116	*	7.05	7.08		D	06478+0020	I 1	2 C A	AB	193	0.373	0.002	0.12	0.01	S
32573	11.124	0.069	10.901	0.094		0.240	0.020	G	0.27	0.03	R	11.1150	0.0050	0.040	87		11.03	11.19		C			1							G
32574	10.462	0.037	9.637	0.029	*	0.727	0.036	T	0.78	0.03	L *	9.6310	0.0016	0.020	110	*	9.59	9.66		D	06478−4620	H 1	2 C A	AB	52	0.450	0.004	0.18	0.02	
32575	10.865	0.047	9.326	0.021		1.293	0.041	T	1.25	0.04	L	9.3514	0.0026	0.022	119		9.30	9.39					1							
32576						1.064	0.015	G	1.12	0.02	I	12.1469	0.0072	0.075	141		12.02	12.29		U			1 X							G
32577	7.758	0.007	7.687	0.010		0.070	0.011	T	0.08	0.01	L	7.7136	0.0011	0.009	90		7.70	7.73		C			1							S
32578	5.912	0.004	4.598	0.002		1.099	0.050	G	1.06	0.02	A	4.6471	0.0006	0.004	82		4.64	4.65		C			1 O							S
32579	7.994	0.010	7.692	0.009		0.287	0.013	T	0.33	0.02	L	7.7295	0.0012	0.010	98		7.71	7.74					1							S
32580	9.786	0.018	8.613	0.011		1.006	0.016	T	0.98	0.01	L	8.6827	0.0013	0.015	123		8.65	8.71					1							
32581	9.656	0.023	9.577	0.029		0.039	0.030	G	0.05	0.02	H	9.6627	0.0016	0.014	85		9.63	9.69		C			1							G
32582	10.773	0.053	10.180	0.050		0.553	0.064	T	0.63	0.06	L	10.2137	0.0030	0.023	79		10.17	10.26		C			1							G
32583	8.217	0.012	8.109	0.014		0.105	0.017	T	0.12	0.02	L	8.1226	0.0017	0.011	70		8.10	8.14		C			1							S
32584	7.564	0.008	7.627	0.010	*	−0.068	0.015	G	−0.05	0.01	H *	7.6287	0.0013	0.013	94	*	7.61	7.65		D	06479−0509	H 1	2 C B	AB	150	0.612	0.027	3.54	0.13	S
32585	7.578	0.009	7.640	0.012	*	−0.062	0.015	G	−0.04	0.01	H *	7.6773	0.0014	0.017	80	*	7.66	7.71		D	06480−1106	I 1	2 C A	AB	317	7.333	0.015	2.18	0.05	S
32586	9.191	0.013	8.966	0.015		0.233	0.017	G	0.26	0.02	H	8.9926	0.0027	0.031	135		8.94	9.04		U 2			1							
32587	10.146	0.032	8.779	0.018		1.158	0.029	T	1.12	0.03	L	8.8141	0.0018	0.013	82		8.80	8.83		C			1							
32588	10.011	0.028	8.252	0.012		1.466	0.024	T	1.48	0.04	L	8.2501	0.0014	0.011	88		8.22	8.27					1							
32589	7.919	0.009	7.860	0.009		0.053	0.011	T	0.07	0.01	L	7.8862	0.0014	0.013	87		7.86	7.91		C			1							S
32590	9.929	0.023	9.803	0.031		0.122	0.036	T	0.14	0.04	L	9.8601	0.0027	0.029	128		9.81	9.91					1							G
32591	8.435	0.008	8.539	0.010	*	−0.089	0.011	T	−0.07	0.01	L *	8.5372	0.0016	0.020	178	*	8.50	8.57		D	06480−2632	I 1	2 C S A	AS	60	0.156	0.005	0.24	0.21	S
32592	10.445	0.048	10.225	0.062		0.162	0.007	G	0.18	0.01	H	10.3238	0.0038	0.024	80		10.29	10.36					1							D
32593	10.194	0.035	9.243	0.024		0.838	0.031	T	0.86	0.02	L	9.2589	0.0022	0.019	87		9.22	9.29					1 S							
32594	7.961	0.008	7.708	0.010		0.241	0.012	T	0.27	0.01	L	7.7312	0.0009	0.009	76		7.72	7.75		C			1 G							S
32595	7.962	0.010	7.987	0.013		−0.018	0.015	T	0.00	0.01	L	7.9946	0.0013	0.011	89		7.98	8.02					1							S
32596	8.439	0.009	7.985	0.009		0.474	0.005	G	0.55	0.01	H	8.0460	0.0012	0.009	110		8.03	8.07		C			1							S
32597	8.811	0.012	8.377	0.012		0.424	0.014	T	0.49	0.01	L	8.4413	0.0014	0.014	108		8.42	8.47					1							
32598	10.606	0.032	9.530	0.021		0.931	0.029	T	0.93	0.02	L	9.6491	0.0021	0.020	109		9.62	9.68		C			1							
32599	11.066	0.044	9.252	0.016		1.510	0.037	T	1.54	0.06	L	9.2194	0.0019	0.027	179		9.18	9.26					1 S							
32600						0.310	0.020	G	0.36	0.03	R	11.0721	0.0062	0.041	83		11.00	11.17		C			1							G

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
*32601		06 48 04.81	−42 08 06.1	10.90		G	102.020 021 58	−42.135 032 32		1.60	13.83	11.10	1.21	1.17	1.39	1.25	1.56	−12	+23	−9	+1	−1	−2	+0	+6	+2	−12	0	−0.06
*32602		06 48 04.70	−44 18 58.5	8.28		H	102.019 599 36	−44.316 245 72		1.16	−5.38	6.07	0.54	0.54	0.63	0.62	0.63	+3	−4	−7	+6	−8	+15	−8	+0	+6	−9	0	−1.03
32603		06 48 06.16	+31 56 26.5	10.51		H	102.025 662 84	+31.940 693 50		5.16	−6.38	−9.09	1.88	1.18	2.03	2.33	1.45	+3	+31	+15	+3	+8	+12	+14	−43	+1	+18	0	1.32
32604		06 48 08.93	−68 25 25.7	9.12		H	102.037 224 18	−68.423 808 27		2.66	4.90	−13.71	0.78	0.74	0.81	0.93	0.89	−1	+22	+2	−5	−8	−13	−9	−3	−5	−9	0	−0.78
32605		06 48 09.90	−37 58 14.8	8.45		H	102.041 257 44	−37.970 790 27		1.13	13.22	24.39	0.61	0.64	0.78	0.72	0.85	+4	+5	−4	+2	+0	+16	+0	+11	+8	+10	1	0.55
32606		06 48 10.62	+10 45 54.9	9.11		H	102.044 258 66	+10.765 238 43		2.29	2.43	−13.34	1.45	0.78	1.63	1.50	1.02	−1	+53	−12	−27	−13	−36	−13	−57	−10	+27	0	−1.19
32607		06 48 11.54	−61 56 31.1	3.24		H	102.048 071 34	−61.941 979 88		32.96	−68.39	242.03	2.22	1.87	2.14	2.34	2.29	−1	+3	−1	−13	−5	−18	−6	−6	+0	−4	1	
32608		06 48 11.54	+00 18 17.6	7.39		H	102.048 079 94	+00.304 875 25		14.35	−61.76	40.29	0.88	0.65	1.02	0.95	0.83	−45	+0	+15	−49	+21	+13	+24	−60	−25	−11	0	1.46
32609	H	06 48 12.23	+55 42 16.0	5.54		H	102.050 968 06	+55.704 449 59	B	21.26	57.71	−104.75	1.54	1.38	1.32	1.29	1.07	−38	+13	−6	−1	+15	−6	+17	−8	+0	−43	7	2.13
32610		06 48 15.81	−57 39 21.4	7.31		H	102.065 878 15	−57.655 957 05		4.13	−12.06	52.56	0.54	0.53	0.58	0.66	0.65	−10	−4	−1	+4	−4	−7	−7	−8	+15	−29	0	0.22
32611		06 48 16.37	−38 39 22.1	7.80		H	102.068 190 54	−38.656 132 46		3.42	−17.04	31.39	0.61	0.58	0.72	0.82	0.71	+14	+10	−3	+17	−9	+18	−7	−7	+17	+11	0	−1.90
32612		06 48 16.47	+14 35 32.8	7.69	2	H	102.068 635 27	+14.592 446 44		0.53	0.34	−2.17	0.88	0.48	0.94	0.88	0.61	−14	+48	−17	+11	−1	−10	+5	−33	+6	+5	0	0.50
32613		06 48 16.53	−21 54 23.7	8.10		H	102.068 862 48	−21.906 582 28		3.08	5.44	6.77	0.48	0.69	1.05	0.59	0.79	−27	+22	−16	−10	+4	−16	+7	−27	+24	−31	1	−2.54
32614		06 48 17.74	+23 13 26.5	7.54		H	102.073 934 41	+23.224 019 28		14.87	−2.69	29.21	1.00	0.52	1.06	1.08	0.67	+5	+44	−5	+14	−6	−4	+10	−31	+15	+29	0	1.13
32615		06 48 18.21	−43 48 03.2	7.41		G	102.075 870 65	−43.800 886 93		7.20	−14.24	42.25	0.51	0.52	0.59	0.53	0.59	+0	+2	−2	+9	−12	+13	−13	+9	+4	−7	0	0.23
32616		06 48 18.90	−20 00 46.8	8.38	2	H	102.078 731 47	−20.013 002 06		3.44	−7.80	4.53	0.64	0.63	1.07	0.83	0.77	+16	+17	−2	+34	+13	+16	+9	−18	+24	+4	2	−0.20
32617		06 48 19.09	−01 19 07.8	5.75		H	102.079 533 02	−01.318 839 01		24.95	−37.74	−34.33	0.65	0.46	0.75	0.61	0.49	−6	+32	−15	−35	−9	+4	−6	−48	+8	+2	0	0.28
32618		06 48 19.54	−56 19 05.2	8.26		H	102.081 426 25	−56.318 097 37		2.28	5.54	17.60	0.64	0.64	0.67	0.76	0.79	−6	+9	+13	+29	−2	+10	−16	−26	−14	−32	1	2.00
32619		06 48 20.79	−43 03 22.3	8.18		H	102.086 605 89	−43.056 200 76		6.84	−7.66	−3.35	0.58	0.61	0.67	0.60	0.73	−4	+1	+0	+8	−9	−4	−10	+20	+2	−7	1	−1.02
32620		06 48 21.04	+22 21 00.0	8.14		H	102.087 672 38	+22.350 000 89		1.11	−1.33	−6.80	1.05	0.57	1.14	1.12	0.73	−5	+48	−7	−6	+0	−13	+14	−44	+15	+15	0	0.13
32621		06 48 21.07	+01 13 08.3	9.03	2	H	102.087 797 85	+01.218 976 04		0.71	−8.88	−1.36	0.96	0.68	1.17	1.23	0.96	−40	+19	−5	−34	+9	+2	+14	−52	+3	−15	0	−0.57
32622		06 48 21.56	−07 45 16.6	6.90		H	102.089 830 92	−07.754 609 87		2.76	−2.90	2.57	0.76	0.52	0.89	0.73	0.61	+5	+49	−13	−27	−24	−16	−24	−24	+1	+10	4	0.07
32623		06 48 21.73	+41 18 08.4	7.28		G	102.090 526 73	+41.302 340 86		0.18	−2.61	−7.83	0.80	0.55	0.96	1.03	0.70	−12	+23	−24	+2	−19	+10	−7	−41	+23	+5	0	−0.08
32624		06 48 22.01	−01 49 04.6	7.59		G	102.091 725 56	−01.817 955 86		2.16	−12.82	10.06	0.78	0.55	0.92	0.79	0.64	−10	+37	−18	−32	−10	−1	−6	−46	+10	+8	0	0.90
32625		06 48 22.07	−37 59 53.1	9.38		H	102.091 941 51	−37.998 075 41		5.22	−39.18	−12.87	0.76	0.81	0.98	0.90	1.05	+5	+6	−4	−4	−3	+14	−2	+11	+7	+10	0	−0.86
32626		06 48 22.12	+40 57 45.2	8.86		G	102.092 162 94	+40.962 545 18		0.91	−1.46	−7.68	1.29	0.79	1.40	1.54	1.02	+25	+35	+2	−31	−43	−14	−40	−52	+0	+32	0	−0.40
*32627		06 48 22.30	+05 32 30.1	7.73	2	H	102.092 903 94	+05.541 685 47		1.65	−0.99	−2.00	0.98	0.58	1.11	1.00	0.72	−16	+43	−27	−13	−1	−22	−7	−37	+5	−7	0	0.38
*32628	T	06 48 22.15	−15 19 47.3	7.96		G	102.092 297 38	−15.329 801 87		−2.80	4.78	−13.25	14.20	12.21	15.40	16.08	14.72	+9	+2	−24	−45	−19	+5	−19	−42	+17	+12	0	
32629		06 48 22.87	−13 27 49.2	8.31		H	102.095 300 42	−13.463 673 57		6.72	−0.07	12.47	0.93	0.69	1.10	1.10	0.84	−12	+41	−19	+5	−12	−19	−6	−5	+23	−21	0	0.10
32630		06 48 23.23	−04 42 07.8	7.64		H	102.096 803 04	−04.702 159 04		1.58	1.00	−3.51	0.80	0.58	0.91	0.86	0.72	+13	+25	−12	−41	−18	−20	−23	−36	−4	+25	0	2.30
32631		06 48 23.98	+06 12 46.9	7.24		H	102.099 933 16	+06.213 022 06		2.15	−7.25	−1.51	0.89	0.52	0.97	0.90	0.65	−14	+33	−12	−30	+2	−26	−4	−46	−10	+0	0	1.40
32632		06 48 25.29	−37 35 52.7	7.75		H	102.105 365 12	−37.597 964 25		9.35	3.42	−39.74	0.53	0.58	0.69	0.61	0.78	−1	+8	−4	+7	−2	+23	−3	+24	−2	+8	3	−1.89
32633		06 48 25.68	−04 49 01.4	8.37		H	102.106 996 74	−04.817 051 81		1.75	−0.46	−4.18	0.96	0.71	1.14	1.06	0.89	+12	+32	−4	−39	−19	−24	−21	−26	+0	+15	0	1.39
32634		06 48 25.71	−53 53 37.0	8.09		H	102.107 119 66	−53.893 621 49		3.38	−1.38	20.20	0.62	0.56	0.62	0.70	0.73	−13	+7	−9	−10	+10	−8	+12	−4	+3	−24	0	−1.31
32635		06 48 26.13	+77 22 39.2	8.86		H	102.108 865 74	+77.377 569 20		5.06	2.59	−29.29	0.60	0.64	0.86	0.59	0.69	+8	+25	+3	+7	+7	+1	+6	+11	−1	+16	1	0.27
32636		06 48 27.00	+33 49 20.4	7.79		H	102.112 498 94	+33.822 321 05		3.55	15.58	−15.12	1.08	0.72	1.16	1.83	1.00	+30	+18	−33	−17	−48	+33	−20	−60	+31	+72	0	2.70
32637		06 48 27.40	−12 50 26.2	7.03		H	102.114 173 50	−12.840 611 80		2.01	−8.85	−2.29	0.74	0.51	0.79	0.82	0.58	+7	+36	−9	−4	−20	−1	−13	−23	+24	−21	2	1.81
32638		06 48 30.29	+34 06 53.0	8.13	2	H	102.126 219 61	+34.114 713 39		4.72	4.40	−4.73	1.15	0.72	1.21	1.97	1.04	+35	+3	−14	−36	−41	+36	−27	−66	+19	+66	0	2.72
32639		06 48 32.44	−07 09 55.2	8.59		H	102.135 160 14	−07.165 341 09		6.14	−8.83	−4.57	0.97	0.76	1.12	1.07	0.89	+11	+20	−29	−45	−30	−3	−27	−51	+25	+23	5	0.48
32640		06 48 32.64	−11 51 08.4	8.54		H	102.136 009 18	−11.852 333 13		0.97	−4.36	6.33	0.89	0.76	0.99	1.16	0.89	−4	+22	−20	−34	−12	+7	−5	−48	+17	−6	0	1.58
32641		06 48 33.28	−10 50 58.3	8.72		H	102.138 680 66	−10.849 531 59		2.81	−0.39	−4.47	0.92	0.80	1.07	1.10	1.01	−26	+14	−2	−24	+19	+0	+22	−37	−9	+0	0	0.36
32642		06 48 34.81	−27 22 51.4	7.83		H	102.145 053 89	−27.380 950 70		1.90	2.24	7.62	0.48	0.59	0.79	0.64	0.69	+6	+5	+18	+4	−15	−7	−13	−19	−2	+1	0	−0.10
*32643		06 48 35.94	−58 28 02.3	8.29		H	102.149 741 13	−58.467 311 37		7.33	−6.58	5.61	0.58	0.68	0.65	0.62	0.89	−10	−7	+3	+13	−2	−15	−2	+23	+10	−10	1	−0.25
*32644	H	06 48 35.78	−04 04 32.6	7.02		H	102.149 098 05	−04.075 709 04	A	22.44	−48.94	−81.11	1.98	1.48	2.23	1.94	1.48	−30	+25	−29	−34	+7	−36	−9	−25	+5	−12	10	2.22
32645		06 48 36.81	+55 15 08.1	8.38		H	102.153 384 14	+55.252 261 69		4.24	−7.03	2.14	0.98	0.70	1.13	0.98	0.75	−29	+43	−25	+33	+20	−5	+25	+1	+26	−27	0	0.95
32646		06 48 37.27	−28 12 55.4	7.38		G	102.155 312 29	−28.215 380 76		4.48	−8.47	−14.88	0.49	0.60	0.78	0.64	0.76	−5	+4	+4	+1	−7	+6	−6	−21	+6	+0	0	0.94
32647		06 48 37.46	+76 59 24.4	7.98	2	H	102.156 081 49	+76.990 117 06		2.96	−0.32	−39.57	0.55	0.60	0.80	0.62	0.61	−1	+27	−6	+18	+0	+3	+4	−9	+5	+13	0	−0.10
32648		06 48 38.58	−54 00 51.4	7.86		H	102.160 735 48	−54.014 274 63		6.13	18.46	32.27	0.61	0.55	0.61	0.68	0.70	−8	+11	−11	−17	+11	−9	+12	−5	−3	−18	0	0.85
32649		06 48 38.72	−32 28 03.1	8.37		H	102.161 352 48	−32.467 524 57		12.36	4.61	−120.45	0.62	0.68	0.90	0.78	0.90	+11	+14	+3	+8	+3	+19	−1	+17	−12	+19	0	1.05
32650	H	06 48 39.41	+07 37 23.7	7.92		G	102.164 219 82	+07.623 248 63	A	19.96	−59.90	−376.07	1.72	1.08	1.57	1.57	1.18	−7	+11	−8	−13	+13	−13	+6	−44	−6	−14	1	−0.28
32651		06 48 39.69	+31 16 00.9	8.81		H	102.165 368 67	+31.266 915 96		5.64	15.28	−21.10	1.19	0.74	1.30	1.56	0.97	+13	+20	−21	+2	−11	+17	+2	−43	+23	+33	0	0.12
32652		06 48 39.90	+62 05 36.2	9.13		H	102.166 250 72	+62.093 394 67		0.43	−7.55	0.34	0.85	0.83	1.28	1.26	1.22	+33	+26	+8	+25	+1	+21	+7	+21	+30	+29	0	−0.17
32653		06 48 40.45	+64 45 15.6	7.90	2	H	102.168 561 56	+64.754 343 94		−0.02	3.47	5.03	0.71	0.64	0.94	0.90	0.69	+0	+25	−8	+23	+12	+17	+14	−20	+11	+4	2	0.37
32654		06 48 40.85	+41 03 59.5	8.64		G	102.170 217 98	+41.066 516 66		1.63	−3.79	−7.79	1.21	0.74	1.24	1.46	0.98	+33	+36	+6	−35	−43	−13	−42	−54	−4	+35	0	−3.70
32655		06 48 43.04	+43 01 47.8	9.43		H	102.179 317 76	+43.029 956 84		6.68	−20.30	−16.88	1.15	0.77	1.31	1.52	1.01	−25	+16	+7	+24	−19	−15	−15	−10	+12	−25	0	−0.78
32656	H	06 48 43.04	−72 27 39.1	9.10		H	102.179 338 18	−72.460 854 21	*	3.84	−4.04	11.24	2.59	3.28	1.30	1.49	1.49	+6	+19	+5	−7	+0	−2	+0	+1	−10	−10	2	0.69
32657		06 48 43.13	−43 48 05.4	7.36		H	102.179 696 56	−43.801 511 53		3.81	−7.91	9.97	0.47	0.50	0.56	0.49	0.56	+2	−2	−5	+1	−12	+6	−12	+6	+4	−6	0	0.19
32658		06 48 43.90	+38 01 58.2	9.36		H	102.182 933 65	+38.032 828 34		8.52	−46.10	−3.06	1.24	0.76	1.40	1.54	1.09	−19	+42	+1	−4	−2	−2	−8	−40	−2	−32	0	−0.24
32659		06 48 44.02	+08 51 58.6	6.92		H	102.183 418 78	+08.866 285 29		4.51	−13.61	−15.88	0.90	0.66	0.92	1.26	1.04	−14	+49	−2	−50	+6	−37	−0	−68	−13	−0	0	−1.21
32660		06 48 44.53	+12 33 49.2	8.62		H	102.185 550 68	+12.563 654 61		1.28	11.02	−17.45	1.06	0.63	1.20	1.10	0.82	−13	+33	−8	−23	+13	−27	+11	−57	−6	−6	0	0.74
32661		06 48 46.63	+02 00 34.2	8.53		H	102.194 278 75	+02.009 495 88		0.50	2.78	−0.47	0.98	0.61	1.19	0.98	0.74	−25	+51	−19	−33	−9	−8	+2	−55	+7	+18	2	0.82
32662		06 48 47.55	−23 12 11.2	7.53		H	102.198 111 17	−23.203 104 51		16.59	−108.73	−58.98	0.45	0.57	0.86	0.50	0.66	+2	+5	−4	+40	−33	+16	−24	−13	+17	+23	0	−1.59
32663		06 48 48.44	+26 17 47.9	9.51		H	102.201 846 39	+26.296 644 07		3.33	−6.49	−27.86	1.65	0.89	1.64	2.11	1.37	+6	+41	−3	+5	+17	+7	+29	−49	+17	+18	0	0.32
32664	H	06 48 48.78	−16 12 41.2	7.58		H	102.203 264 24	−16.211 456 97	A	3.60	10.78	−49.01	1.10	1.03	1.19	1.25	1.20	−33	+30	−31	−18	+11	−8	+10	−9	+2	−31	1	0.09
32665		06 48 49.07	+43 50 05.4	7.92		G	102.204 450 88	+43.834 840 49		9.60	−14.17	−2.96	0.83	0.57	0.98	1.11	0.73	−16	+10	−20	+12	−8	−5	−9	−35	+15	−21	2	−1.55
32666		06 48 49.18	−27 21 57.0	9.22		H	102.204 917 99	−27.365 837 96		3.96	−15.00	5.03	0.79	0.98	1.35	1.05	1.36	+2	−2	+12	+3	−9	−16	−8	−7	−12	+1	0	1.50
*32667		06 48 49.30	−08 18 36.9	8.34		H	102.205 416 27	−08.310 247 42		3.45	−6.02	−2.48	0.86	0.65	1.01	0.91	0.76	−4	+34	−15	−6	−15	−11	−14	−17	+4	+7	0	−0.58
*32668		06 48 49.24	−34 56 12.6	6.91		H	102.205 165 26	−34.936 824 92		5.09	−11.49	10.56	0.42	0.51	0.61	0.48	0.64	+3	+11	−19	+8	−7	+14	−8	+16	−16	+12	0	1.81
*32669		06 48 50.58	−29 44 37.2	6.83		H	102.210 758 32	−29.743 670 63		2.19	−5.56	0.99	0.44	0.50	0.65	0.49	0.55	−3	+0	−7	+12	−16	+9	−15	+8	+1	−1	0	−0.02
*32670		06 48 50.57	−15 26 11.5	9.31		H	102.210 701 33	−15.436 533 79		2.02	−3.47	0.43	1.16	0.99	1.35	1.29	1.17	+13	+9	−35	−34	−12	−21	−20	−41	+30	−15	0	−1.13
32671		06 48 50.59	−20 25 32.2	8.38	2	H	102.210 801 29	−20.425 619 58		−0.18	−0.54	−0.92	0.64	0.69	1.07	0.89	0.97	+12	+11	−2	+16	+14	−1	+14	−17	+16	+9	0	0.59
32672		06 48 51.64	−14 23 21.2	7.49		H	102.215 156 79	−14.389 227 47		4.57	−3.03	11.67	0.83	0.70	1.00	1.02	0.85	−24	+32	−33	−5	−17	+10	−6	−21	+22	−8	0	−1.18
32673		06 48 53.93	+37 30 19.1	8.07		G	102.224 705 74	+37.505 301 48		23.06	−112.00	−62.29	1.20	0.72	1.23	3.85	2.41	−21	+58	−7	−14	+3	−12	−7	−9	−12	+13	0	0.27
32674		06 48 54.04	−73 18 00.8	8.04		G	102.225 174 50	−73.300 209 20		14.54	−148.22	129.03	0.61	0.58	0.62	0.63	0.69	+0	+12	+11	−13	−12	+16	−18	−16	−11	−16	0	−0.55
32675		06 48 56.41	−37 16 33.4	9.92	3	T	102.235 058 38	−37.275 936 38		−1.54	−1.30	4.43	0.84	0.98	1.15	1.14	1.31	−6	−5	+0	−18	+4	+23	+4	−7	−3	+0	1	−1.53
32676		06 48 57.19	+20 33 50.0	7.74		H	102.238 308 59	+20.563 893 52		2.22	−1.48	−1.37	0.94	0.57	0.99	1.12	0.72	+26	+17	−33	−25	−35	+5	−27	−52	+27	+44	2	−0.53
32677	H	06 48 57.74	−15 08 41.0	5.39	1	G	102.240 576 28	−15.144 710 91	A	5.37	−0.56	−6.04	0.98	0.84	0.86	0.86	0.78	+22	+5	−38	−37	−29	−1	−30	−40	+37	+8	1	0.89
32678		06 48 58.44	+23 44 32.9	8.62	1	H	102.243 494 05	+23.742 466 73		−0.83	6.72	−2.99	1.19	0.67	1.27	1.52	0.96	+8	+26	+5	+15	−3	+1	+7	−32	+18	+19	0	−0.01
32679		06 48 59.50	+66 59 07.5	9.71		H	102.247 926 33	+66.985 411 88		0.85	−2.72	−6.69	0.85	0.97	1.48	0.89	1.09	+0	+10	−10	−32	+0	+0	+1	−32	+12	−16	1	1.72
32680		06 49 02.61	+59 55 53.7	8.96		H	102.260 860 56	+59.931 587 97		3.07	−9.61	−12.41	1.12	0.98	1.48	1.42	1.05	−8	+31	−4	+20	+14	+26	+19	−2	+19	+10	3	1.23
32681		06 49 03.41	−42 28 51.7	10.98		H	102.264 217 36	−42.481 020 83		1.21	−8.07	3.28	1.39	1.43	1.64	1.53	1.76	−5	−6	−9	+6	−8	−11	−10	+3	+8	−14	0	0.77
32682		06 49 03.66	+01 00 07.5	6.16	1	H	102.265 237 68	+01.002 071 85		1.65	−0.95	−2.96	0.63	0.46	0.76	0.64	0.51	−23	+25	−22	−36	−4	+5	+2	−49	+8	+13	0	−0.18
32683		06 49 05.47	−49 11 20.9	8.06		H	102.272 806 16	−49.189 139 60		4.42	−1.15	10.15	0.59	0.57	0.64	0.64	0.71	−5	+21	+0	+8	+2	−1	−2	−16	−3	−17	1	−1.42
32684		06 49 06.41	+51 24 23.5	9.48		H	102.276 699 26	+51.406 540 03		1.21	−1.20	−3.64	1.17	0.88	1.29	1.50	0.96	−10	+26	−9	−10	+17	−3	+18	−33	+6	+7	0	0.19
32685	H	06 49 06.68	−26 03 48.4	7.23		H	102.277 820 90	−26.063 440 35	A	5.77	10.67	−19.65	0.67	0.79	1.01	0.73	0.92	−4	+10	−13	+3	−6	+0	−12	+15	−14	+16	0	−0.54
32686		06 49 08.04	+08 20 57.6	7.99		H	102.283 506 17	+08.349 336 90		10.30	35.12	−60.95	0.99	0.64	1.08	0.96	0.79	−25	+45	−11	−30	+12	−25	+7	−56	−7	−15	0	−0.41
32687		06 49 08.16	+13 22 09.4	8.97		H	102.284 003 16	+13.369 268 92		3.71	−4.77	−11.90	1.36	0.70	1.40	1.15	0.85	+14	+58	+5	−35	−21	−22	−28	−52	−19	+21	0	0.87
32688		06 49 08.59	+23 12 07.0	6.80		H	102.285 785 64	+23.201 937 32		3.87	−5.79	−3.60	0.91	0.46	0.96	0.94	0.57	+4	+50	+1	+15	−3	−10	+9	−28	+6	+25	0	−0.16
32689		06 49 10.20	+27 11 25.8	6.66		H	102.292 486 05	+27.190 486 34		7.69	−8.68	−46.57	0.89	0.51	0.88	1.28	0.79	+10	+18	−3	+26	+19	+11	+27	−30	+5	+22	0	0.48
32690		06 49 10.62	+52 28 52.9	8.52		H	102.294 247 34	+52.481 353 79		2.77	7.46	10.92	0.93	0.73	1.19	1.01	0.71	−19	+28	−9	+28	+37	+8	+28	−6	−3	−27	2	0.56
32691		06 49 13.53	−46 42 34.6	7.36		H	102.306 355 71	−46.709 601 01		7.75	7.37	13.87	0.56	0.56	0.64	0.75	0.94	−1	−12	−17	−25	−2	+26	+2	−21	+14	−1	0	0.05
32692		06 49 15.08	+15 44 38.4	8.62		H	102.312 816 19	+15.743 993 47		0.18	−0.13	−3.89	1.07	0.64	1.19	1.22	0.97	−4	+19	−15	+0	−1	−25	−18	−38	+20	−35	0	1.89
32693		06 49 15.34	+22 18 39.0	7.32		H	102.313 903 50	+22.310 837 69		3.53	−1.00	−13.01	0.88	0.49	0.94	0.93	0.57	+5	+40	+1	+8	−6	−16	+3	−28	−2	+27	0	0.68
32694		06 49 15.69	+27 53 20.1	9.27		H	102.315 364 43	+27.888 928 10		0.26	−13.07	3.81	1.26	0.75	1.42	1.68	1.17	−11	+25	−20	+13	+9	+8	+21	−38	+31	+2	0	−0.29
*32695		06 49 15.88	−18 19 10.1	9.02		H	102.316 181 90	−18.319 461 77		2.66	−6.06	6.33	0.73	0.81	1.25	0.91	1.02	−16	+25	−30	−15	+47	−28	+43	−51	+43	−29	1	−0.35
*32696		06 49 15.87	−12 40 04.5	7.24	2	H	102.316 126 19	−12.667 926 73		1.64	−2.57	2.80	0.84	0.59	0.90	1.09	0.72	−7	+35	−10	−14	+7	+4	+6	−31	+8	−35	0	0.64
32697	H	06 49 16.34	−28 58 24.8	6.99		H	102.318 082 77	−28.973 542 86	A	9.30	−26.95	−2.79	0.89	0.95	0.90	0.78	0.79	+25	+2	+1	+15	+4	+12	+2	+9	+6	−5	2	0.64
32698	H	06 49 16.41	−02 16 19.3	5.75		G	102.318 392 28	−02.272 027 83	*	5.84	−8.82	−4.33	0.66	0.46	0.77	0.63	0.51	−13	+38	−18	−31	−1	−12	+0	−37	+3	+11	0	−0.02
32699		06 49 16.55	−18 27 40.1	8.06		H	102.318 938 23	−18.461 142 33		2.49	−1.20	1.37	0.55	0.58	0.91	0.68	0.71	−8	+20	−19	−10	+41	−29	+38	−42	+31	−20	1	0.71
32700		06 49 19.32	+28 32 30.4	8.26		G	102.330 509 23	+28.541 789 31		5.33	20.56	−36.81	1.19	0.73	1.36	1.54	1.02	+26	+9	−34	−17	−41	+34	−24	−57	+42	+50	0	0.54

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
32601	11.648	0.076	10.830	0.061		0.900	0.020	G	0.90	0.01	H	11.0405	0.0039	0.035	128		10.98	11.10					1							G
32602	7.908	0.007	8.242	0.010		−0.270	0.012	G	−0.27	0.00	A	8.1805	0.0010	0.010	121		8.16	8.20		C			1							P
32603	10.795	0.062	10.572	0.087		0.213	0.100	T	0.24	0.12	L	10.5768	0.0047	0.031	67		10.52	10.62		C			1							G
32604	9.629	0.018	9.134	0.018		0.477	0.019	T	0.55	0.02	L	9.2240	0.0018	0.016	108		9.19	9.25		C			1							
32605	10.315	0.045	8.627	0.020		1.410	0.039	T	1.39	0.05	L	8.5912	0.0015	0.012	123		8.57	8.61		C			1							
32606	10.408	0.034	9.218	0.021		1.019	0.031	T	0.99	0.03	L	9.2787	0.0021	0.015	80		9.26	9.31		C			1							
32607	3.525	0.002	3.276	0.002		0.225	0.019	G	0.28	0.02	A	3.3114	0.0005	0.004	98		3.30	3.32					1 X S							S
32608	8.076	0.009	7.475	0.007		0.560	0.010	T	0.63	0.01	L	7.5158	0.0012	0.011	111		7.50	7.54		C	06482+0018	I 1	1							S
32609	6.832	0.008	6.324	0.007	A						T *	5.6455	0.0006	0.007	80	*	5.64	5.66		D	06481+5542	I 1	2 C A	BA	77	4.635	0.002	0.03	0.01	S
32610	8.713	0.011	7.429	0.007		1.093	0.010	T	1.05	0.01	L	7.4829	0.0012	0.010	100		7.46	7.51		C			1							S
32611	9.022	0.015	7.917	0.010		0.953	0.014	T	0.94	0.01	L	7.9645	0.0012	0.012	111		7.94	7.99					1							
32612	7.631	0.009	7.687	0.011		−0.046	0.013	T	−0.02	0.01	L	7.6832	0.0056	0.050	86		7.65	7.98	1.62	P 1 A			1 S							S
32613	10.148	0.017	8.264	0.007		1.565	0.015	T	1.58	0.01	L	8.2223	0.0014	0.017	239		8.19	8.26					1							
32614	8.598	0.012	7.633	0.009		0.848	0.011	T	0.86	0.01	L	7.6924	0.0008	0.008	81		7.68	7.71		D	06483+2313	I 1	1 S							S
32615	7.620	0.006	7.439	0.007		0.159	0.001	G	0.17	0.02	A	7.4675	0.0011	0.012	126		7.45	7.49					1							S
32616	8.273	0.008	8.352	0.010		−0.075	0.015	G	−0.05	0.02	H	8.3631	0.0018	0.022	164		8.33	8.41		U 2			1							
32617	6.085	0.004	5.779	0.004		0.292	0.004	G	0.33	0.01	H	5.8221	0.0008	0.008	102		5.81	5.83					1							S
32618	10.167	0.026	8.435	0.012		1.445	0.023	T	1.44	0.04	L	8.3937	0.0016	0.012	102		8.37	8.41		C			1							
32619	8.421	0.009	8.196	0.010		0.200	0.003	G	0.22	0.00	H	8.2385	0.0013	0.015	111		8.21	8.27		C			1							S
32620	9.945	0.027	8.284	0.013		1.389	0.024	T	1.36	0.03	L	8.2834	0.0012	0.011	80		8.27	8.30		C			1							
32621	10.508	0.030	9.108	0.015		1.181	0.027	T	1.14	0.02	L	9.1677	0.0025	0.028	142		9.12	9.25		U 2			1 S							
32622	6.764	0.005	6.881	0.006		−0.101	0.007	T	−0.08	0.01	L	6.8674	0.0011	0.008	79		6.86	6.89		C			1							S
32623	8.995	0.018	7.385	0.009		1.336	0.001	G	1.30	0.00	H	7.4222	0.0010	0.010	83		7.40	7.44		C			1							S
32624	9.609	0.017	7.762	0.008		1.536	0.015	T	1.59	0.02	A	7.7099	0.0014	0.010	96		7.70	7.73		C			1							
32625	10.085	0.036	9.517	0.033		0.535	0.036	T	0.61	0.04	L	9.4980	0.0023	0.022	125		9.46	9.53					1							
32626	8.972	0.017	8.834	0.020		0.113	0.001	G	0.13	0.00	H	8.8961	0.0021	0.016	78		8.87	8.92		C			1							G
32627	10.019	0.026	7.962	0.010		1.741	0.023	T	2.52	0.04	O	7.7492	0.0041	0.054	77		7.65	7.81		U 2			1 S							P
32628	8.286	0.018	8.276	0.022		0.150	0.001	G	0.17	0.00	R	8.0342	0.0062	0.043	64		7.99	8.11		D	06484−1520	I 1	1 X S							S
32629	8.610	0.012	8.324	0.013		0.272	0.017	T	0.31	0.02	L	8.3793	0.0020	0.017	91		8.35	8.41		C	06484−1327	I 1	1							
32630	7.722	0.007	7.640	0.010		0.081	0.011	T	0.09	0.01	L	7.6771	0.0011	0.009	89		7.65	7.70		C			1 S							
32631	8.808	0.013	7.366	0.008		1.216	0.012	T	1.18	0.01	L	7.4081	0.0009	0.007	83		7.39	7.42		C			1							S
32632	8.067	0.007	7.777	0.009		0.269	0.015	G	0.30	0.02	H	7.8204	0.0013	0.013	135		7.80	7.84		C			1							S
32633	9.607	0.018	8.459	0.012		0.986	0.017	T	0.97	0.01	L	8.5312	0.0017	0.016	91		8.51	8.56		C			1							
32634	8.470	0.012	8.133	0.013		0.320	0.017	T	0.37	0.02	L	8.1656	0.0020	0.018	102		8.14	8.19					1							S
32635	9.002	0.010	8.877	0.012		0.121	0.015	T	0.14	0.01	L	8.9113	0.0016	0.018	177		8.88	8.95		C			1							
32636	8.963	0.016	7.887	0.011		0.931	0.015	T	0.93	0.01	L	7.9497	0.0009	0.013	71		7.92	7.97		D			1							S
32637	6.911	0.006	7.015	0.007		−0.090	0.008	T	−0.07	0.01	L	7.0026	0.0013	0.010	80		6.99	7.02		C			1							S
32638	8.489	0.013	8.167	0.013		0.306	0.017	T	0.35	0.02	L	8.2056	0.0054	0.026	58		8.17	8.24		U 2			1							S
32639	9.104	0.014	8.626	0.013		0.450	0.017	T	0.52	0.02	L	8.6955	0.0018	0.013	89		8.68	8.72		C			1							
32640	8.495	0.013	8.516	0.016		−0.015	0.019	T	0.01	0.02	L	8.5413	0.0011	0.013	64		8.52	8.57		C			1							
32641	8.742	0.014	8.718	0.018		0.027	0.021	T	0.04	0.02	L	8.7332	0.0017	0.014	78		8.71	8.75		C			1							
32642	7.693	0.006	7.809	0.008		−0.099	0.011	G	−0.08	0.01	H	7.8047	0.0014	0.013	158		7.78	7.83					1							S
32643	8.612	0.011	8.331	0.011		0.267	0.015	T	0.30	0.02	L	8.3636	0.0012	0.014	110		8.34	8.39					1							S
32644	7.851	0.011	7.337	0.011	A	0.553	0.072	G	0.58	0.07	B *	7.1304	0.0070	0.070	70	*	7.10	7.35		D	06486−0404	I 1	2 C A	AB	159	4.876	0.007	1.22	0.04	S
32645	8.525	0.013	8.398	0.015		0.123	0.019	T	0.14	0.02	L	8.4270	0.0017	0.015	87		8.41	8.46		C			1 S							
32646	7.359	0.005	7.384	0.006		−0.026	0.002	G	0.00	0.00	H	7.3879	0.0012	0.012	146		7.37	7.41					1							S
32647	9.730	0.016	8.212	0.009		1.297	0.015	T	3.50	0.04	O	7.6919	0.0091	0.078	167		7.61	7.86		U 2			1 S							S P
32648	8.326	0.009	7.902	0.010		0.409	0.015	G	0.48	0.02	H	7.9508	0.0013	0.011	97		7.94	7.97					1							S
32649	9.309	0.018	8.473	0.014		0.736	0.017	T	0.78	0.01	L	8.5050	0.0014	0.016	139		8.48	8.54		C			1							
32650	8.719	0.013	8.060	0.011	A	0.619	0.015	G	0.69	0.01	H *	8.0451	0.0015	0.013	88	*	8.03	8.07		D	06487+0737	I 1	2 C A	AB	60	1.168	0.010	1.32	0.02	S
32651	9.234	0.020	8.824	0.021		0.388	0.027	T	0.45	0.03	L	8.9008	0.0023	0.016	73		8.87	8.93		C			1							
32652	9.757	0.021	9.169	0.019		0.549	0.025	T	0.62	0.02	L	9.2499	0.0021	0.021	126		9.21	9.29		C			1							
32653	10.181	0.028	8.122	0.011		1.704	0.024	T	1.73	0.03	L	7.9998	0.0057	0.044	105		7.94	8.08		U 2			1							P
32654	8.856	0.017	8.616	0.019		0.214	0.005	G	0.24	0.01	H	8.7014	0.0021	0.013	76		8.67	8.73		C			1							G
32655	9.881	0.028	9.454	0.030		0.403	0.038	T	0.47	0.04	L	9.5206	0.0022	0.017	76		9.49	9.56		C			1							
32656	10.197	0.025	9.220	0.017	*	0.857	0.022	T	0.87	0.02	L *	9.2569	0.0023	0.023	109	*	9.22	9.30		D	06487−7228	H 1	2 C A	AB	245	0.297	0.023	1.98	0.20	
32657	7.210	0.005	7.317	0.007		−0.115	0.008	G	−0.11	0.02	A	7.3153	0.0012	0.010	127		7.30	7.34					1							S
32658	10.150	0.030	9.435	0.025		0.657	0.032	T	0.72	0.03	L	9.4938	0.0027	0.018	100		9.46	9.53		C			1							
32659	8.056	0.009	7.023	0.007		0.899	0.009	T	0.90	0.01	L	7.0748	0.0010	0.007	88		7.06	7.08		C			1 G							S
32660	9.208	0.017	8.683	0.016		0.531	0.015	G	0.60	0.02	H	8.7403	0.0019	0.012	79		8.72	8.76		C			1							
32661	9.892	0.021	8.638	0.013		1.069	0.019	T	1.03	0.02	L	8.7013	0.0013	0.011	122		8.68	8.72		C			1							
32662	8.085	0.006	7.581	0.006		0.484	0.006	T	0.56	0.01	L	7.6387	0.0009	0.014	217		7.62	7.67					1							S
32663	10.070	0.038	9.583	0.037		0.458	0.048	T	0.53	0.05	L	9.6096	0.0023	0.014	62		9.58	9.63		C			1							
32664	9.038	0.044	7.657	0.018	*	1.169	0.038	T	1.13	0.03	L *	7.7483	0.0016	0.015	85	*	7.72	7.78		D	06488−1613	I 1	2 C A	AB	28	3.309	0.009	2.48	0.05	
32665	8.397	0.012	7.985	0.014		0.415	0.015	G	0.48	0.02	H	8.0224	0.0013	0.010	73		8.00	8.05		C			1							S
32666	10.018	0.020	9.236	0.016		−0.319	0.015	G	0.66	0.11	S	9.3416	0.0031	0.034	155		9.28	9.41		R			1 S							
32667	8.270	0.011	8.322	0.014		−0.038	0.015	G	−0.02	0.01	H	8.3314	0.0015	0.013	84		8.31	8.36		C			1							
32668	6.880	0.005	6.905	0.006		−0.021	0.007	T	0.00	0.01	L	6.9075	0.0007	0.008	130		6.89	6.92		C			1							S
32669	8.811	0.009	6.986	0.005		1.518	0.008	T	1.55	0.01	L	6.9537	0.0013	0.012	171		6.93	6.97					1							S
32670	9.453	0.027	9.336	0.033		0.106	0.039	T	0.12	0.04	L	9.3568	0.0018	0.017	76		9.32	9.39		C			1							
32671	10.476	0.035	8.685	0.014		1.522	0.031	T	3.19	0.04	O	8.2328	0.0064	0.087	147		8.08	8.40		U 2			1 S							P
32672	9.239	0.018	7.647	0.009		1.334	0.016	T	1.30	0.02	L	7.6477	0.0013	0.013	78		7.62	7.67		C			1							
32673	8.923	0.013	8.154	0.010		0.677	0.015	G	0.74	0.01	H	8.2132	0.0012	0.011	108		8.19	8.23		C			1 G							S
32674	8.604	0.010	8.105	0.010		0.488	0.010	G	0.56	0.01	H	8.1406	0.0012	0.013	116		8.12	8.16					1							S
32675	10.614	0.043	9.987	0.038		0.320	0.020	G	0.52	0.02	A	10.0265	0.0649	0.508	124		9.42	10.84	18.46	P 1 A			1 S							G
32676	7.623	0.006	7.727	0.009		−0.090	0.010	T	−0.07	0.01	L	7.7193	0.0012	0.011	93		7.70	7.74		C			1 S							S
32677	5.277	0.004	5.381	0.004	*	−0.096	0.005	G	−0.08	0.01	H *	5.3632	0.0020	0.012	72	*	5.35	5.38		U 2	06490−1509	I 1	2 C A	AB	327	0.606	0.004	1.75	0.02	S
32678	10.702	0.056	8.790	0.019		1.587	0.047	T	1.61	0.05	L	8.7347	0.0034	0.023	67		8.69	8.78		U			1							
32679	11.146	0.050	9.781	0.024		1.156	0.043	T	1.12	0.04	L	9.8765	0.0028	0.032	204		9.81	9.94					1							
32680	10.512	0.039	9.086	0.021		1.204	0.035	T	1.16	0.03	L	9.1175	0.0030	0.026	74		9.06	9.15					1							
32681	11.849	0.111	11.027	0.087		0.741	0.107	T	0.79	0.08	L	11.1277	0.0054	0.044	119		11.04	11.18					1							G
32682	5.968	0.003	6.131	0.003		−0.134	0.008	G	−0.13	0.01	H	6.1186	0.0011	0.010	133		6.10	6.13		U 2			1							S
32683	8.013	0.008	8.052	0.010		−0.038	0.003	G	−0.02	0.00	H	8.0604	0.0012	0.012	107		8.04	8.08		C			1							S
32684	9.559	0.021	9.469	0.027		0.088	0.032	T	0.10	0.04	L	9.5209	0.0023	0.022	75		9.49	9.56		C			1							
32685	8.643	0.015	7.324	0.007	*	1.120	0.013	T	1.08	0.01	L *	7.3977	0.0014	0.017	208	*	7.37	7.43		D	06491−2604	I 1	2 C A	AB	283	2.227	0.016	3.28	0.09	S
32686	8.624	0.013	8.047	0.012		0.563	0.015	G	0.64	0.01	H	8.1147	0.0012	0.010	83		8.10	8.13		C			1							
32687	9.206	0.016	9.004	0.018		0.193	0.023	T	0.21	0.03	L	9.0314	0.0014	0.015	82		9.01	9.06		C			1							
32688	6.805	0.005	6.796	0.005		0.013	0.007	T	0.03	0.01	L	6.8093	0.0009	0.009	84		6.80	6.83		C			1							S
32689	6.828	0.005	6.684	0.006		0.139	0.007	T	0.15	0.01	L	6.7157	0.0008	0.006	70		6.70	6.73		C			1							S
32690	9.891	0.023	8.636	0.014		1.070	0.015	G	1.03	0.01	H	8.6836	0.0018	0.016	101		8.66	8.71					1							
32691	7.367	0.006	7.367	0.008		0.001	0.009	T	0.02	0.01	L	7.3684	0.0009	0.008	100		7.36	7.39		C			1							S
32692	8.654	0.014	8.627	0.018		0.030	0.021	T	0.05	0.02	L	8.6350	0.0017	0.014	74		8.61	8.65		C			1							
32693	7.356	0.006	7.320	0.009		0.038	0.010	T	0.05	0.01	L	7.3373	0.0011	0.010	83		7.33	7.36		C			1							S
32694	10.516	0.041	9.415	0.026		0.950	0.038	T	0.94	0.03	L	9.4336	0.0021	0.017	73		9.40	9.46		C			1							
32695	10.574	0.029	9.128	0.015		1.219	0.026	T	1.18	0.03	L	9.1898	0.0018	0.021	199		9.15	9.23					1							
32696	7.356	0.009	7.265	0.010		0.089	0.013	T	0.10	0.01	L	7.2820	0.0045	0.034	66		7.25	7.37		U 2			1							S
32697	7.292	0.005	7.022	0.006	*	0.254	0.008	T	0.29	0.01	L *	7.0643	0.0010	0.012	142	*	7.05	7.09		D	06493−2858	H 1	2 C A	AB	245	0.386	0.015	3.04	0.08	S
32698	5.625	0.003	5.743	0.004	*	−0.098	0.006	G	−0.08	0.01	H *	5.7301	0.0008	0.007	107	*	5.72	5.74		D	06493−0216	I 1	2 C S A	AB	43	0.141	0.004	0.71	0.16	S
32699	8.088	0.007	8.065	0.008		0.026	0.010	T	0.04	0.01	L	8.0740	0.0011	0.015	190		8.05	8.10		C			1							
32700	9.092	0.018	8.315	0.014		0.684	0.003	G	0.74	0.00	H	8.3909	0.0017	0.013	66		8.37	8.42		C			1							

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
32701		06 49 19.40	−51 45 42.7	8.19		H	102.330 815 77	−51.761 858 06		5.19	−4.98	53.51	0.63	0.62	0.67	0.71	0.71	+12	+14	+15	−11	−19	−8	−17	+2	−4	−3	0	−2.33
32702		06 49 21.36	+43 45 33.2	7.30		H	102.339 020 06	+43.759 229 67		22.41	−35.12	−48.59	0.77	0.51	0.87	1.05	0.63	+0	+22	+3	+12	−13	+0	−7	−35	−3	+13	0	−0.81
32703		06 49 21.48	−13 42 07.0	8.62		H	102.339 486 95	−13.701 950 83		1.80	−3.86	0.17	0.87	0.72	1.06	1.06	0.86	−13	+40	−33	−2	−4	−1	+0	−14	+13	−4	0	−0.55
32704		06 49 23.50	+72 41 24.9	8.81		H	102.347 903 86	+72.690 251 71		1.98	24.01	−49.71	0.57	0.86	1.08	0.60	0.88	+15	+7	−22	+20	−10	+20	−2	−12	+10	+28	2	−0.71
32705		06 49 23.71	+09 34 54.4	7.71		H	102.348 799 04	+09.581 782 69		3.47	−4.22	5.48	0.86	0.54	0.94	0.78	0.64	−13	+45	−7	−13	+5	−14	+1	−41	+6	−25	0	−0.28
32706		06 49 24.92	−27 32 54.7	10.28		H	102.353 841 90	−27.548 522 70		5.86	−30.65	42.31	1.07	1.42	1.79	1.52	1.96	+14	−4	+7	+6	−16	−1	−16	−14	+13	+11	3	0.28
32707		06 49 25.87	+07 06 26.4	8.93		H	102.357 805 46	+07.107 323 34		1.75	0.05	−4.74	1.04	0.70	1.13	1.11	0.94	−30	+31	−11	−27	+16	−15	+12	−52	−6	−26	2	0.02
32708		06 49 26.70	−28 39 08.0	7.43		H	102.361 270 43	−28.652 221 14		2.91	4.42	19.32	0.51	0.60	0.80	0.63	0.70	−7	+5	+0	−1	−1	+7	−1	−17	+15	−6	1	1.28
32709	H	06 49 26.82	−33 24 48.0	9.58		H	102.361 769 47	−33.413 342 37	B	14.74	37.05	52.28	2.76	3.20	2.45	2.14	3.15	+34	+3	−1	+0	+6	+26	+8	−3	−21	−16	2	0.34
32710		06 49 28.14	+12 05 16.8	7.70		H	102.367 239 06	+12.088 008 31		9.79	−31.67	83.91	0.87	0.49	0.95	1.04	0.69	−8	+40	−17	+6	+0	−12	+17	−43	+13	+25	0	1.09
32711		06 49 28.64	−00 12 34.8	9.02		H	102.369 335 63	−00.209 654 15		3.85	−0.66	−1.10	1.20	0.87	1.17	1.12	0.90	−45	+27	−3	−62	+34	−1	+33	−69	−1	−34	0	−0.11
32712		06 49 28.83	−37 00 11.1	8.10		G	102.370 115 12	−37.003 089 63		6.23	−17.28	43.04	0.60	0.63	0.78	0.64	0.76	+7	−1	+5	−1	−7	+18	−10	+8	−15	+7	0	−1.06
32713		06 49 29.45	+03 41 30.3	7.18		H	102.372 721 76	+03.691 743 69		0.73	−7.08	−10.46	0.77	0.52	0.88	0.77	0.57	+14	+31	−14	−33	−12	−29	−18	−37	−15	+39	0	0.00
32714		06 49 31.41	−09 07 13.7	9.16		H	102.380 868 31	−09.120 467 35		0.90	−4.05	−1.77	1.04	0.85	1.31	1.02	0.84	−19	+40	−34	−18	−9	+11	+5	−32	+26	+4	0	0.32
32715	H	06 49 31.58	−45 34 00.9	7.11		G	102.381 592 38	−45.566 910 51	A	5.83	2.19	11.01	0.69	0.67	0.70	0.74	0.77	+4	+0	+5	+18	+3	−16	−3	−2	−1	−20	2	−0.34
32716		06 49 31.80	−32 32 31.9	6.85		H	102.382 518 55	−32.542 184 15		4.32	−3.07	−6.48	0.41	0.47	0.58	0.49	0.63	+10	+11	−2	+13	+4	+17	+4	+20	−1	+18	0	0.13
32717		06 49 32.09	−06 35 46.8	9.07		H	102.383 706 90	−06.596 329 68		3.95	−2.38	−2.44	1.02	0.77	1.14	1.25	0.98	−1	+25	−22	−30	−20	−1	−18	−37	+13	−6	4	−0.41
32718		06 49 33.61	−41 25 45.4	7.01		H	102.390 039 03	−41.429 285 11		15.34	−36.28	110.37	0.46	0.49	0.57	0.51	0.68	−13	+17	−18	+5	−3	−7	−3	+8	+6	−19	0	0.06
32719		06 49 33.89	+40 10 33.1	8.15		G	102.391 203 70	+40.175 858 17		14.44	66.38	−135.43	0.94	0.56	1.07	1.16	0.72	−11	+28	−10	+8	−31	−7	−20	−32	+16	+7	0	−1.65
32721		06 49 35.16	−21 10 52.5	8.27	2	H	102.396 487 79	−21.181 247 00		0.77	−4.51	5.69	0.65	0.76	1.20	0.89	1.06	−24	+9	−6	−20	+16	−21	+9	−27	−11	−2	5	0.88
32722		06 49 35.54	−22 50 58.2	10.08		H	102.398 090 83	−22.849 512 62		4.63	−1.18	6.74	0.80	1.04	1.55	1.05	1.34	−17	+14	−5	+5	−4	+0	+1	−28	+22	−11	0	−0.44
32723		06 49 35.74	+35 08 28.7	10.18		G	102.398 914 51	+35.141 306 69		36.16	157.74	−309.99	1.61	1.03	1.82	2.47	1.43	+12	+29	−24	−6	−27	+27	−2	−50	+28	+55	4	−1.83
32724		06 49 35.75	−07 24 44.6	7.14		H	102.398 959 45	−07.412 378 89		3.17	−3.80	10.11	0.76	0.56	0.90	0.75	0.63	+2	+43	−5	−30	−17	−17	−13	−40	+12	−4	4	−1.47
32725		06 49 35.98	+60 09 47.0	8.39		H	102.399 918 42	+60.163 059 71		11.03	−22.93	−55.50	0.85	0.77	1.12	1.09	0.90	+17	+8	−2	+15	+19	+9	+19	+7	+14	+21	0	0.86
32726		06 49 36.27	+13 11 25.9	7.42		H	102.401 116 32	+13.190 538 83		1.65	−1.29	−11.07	0.92	0.51	1.01	0.88	0.62	−7	+48	−20	−12	−4	−12	+4	−45	+7	+18	0	0.08
32727		06 49 37.43	+19 10 03.8	8.18		H	102.405 961 34	+19.167 726 46		1.51	−6.83	−15.49	1.09	0.65	1.02	1.45	0.85	+39	+22	−15	−41	−45	−10	−40	−61	+0	+63	0	0.73
*32728		06 49 38.11	+36 26 30.5	8.96		H	102.408 803 15	+36.441 796 27		22.39	192.46	−139.36	1.11	0.75	1.39	1.49	0.99	+3	+20	−35	−15	−39	+22	−19	−58	+40	+27	0	0.94
*32729		06 49 38.05	−24 08 36.5	7.14	2	H	102.408 523 08	−24.143 458 91		5.24	0.31	−11.13	0.40	0.50	0.76	0.46	0.65	+8	+2	−8	+30	−25	+11	−21	+0	+20	+30	2	0.82
32730		06 49 38.96	+53 01 52.9	7.80		G	102.412 341 69	+53.031 362 44	A	6.96	−4.98	−64.19	1.74	1.39	1.71	1.66	1.19	−21	+26	−5	+24	+48	+8	+40	−13	−2	−28	3	1.65
32731		06 49 40.11	−15 02 40.4	7.56		G	102.417 134 88	−15.044 560 10		8.58	1.60	−6.33	0.97	0.73	0.96	1.21	0.82	+17	−11	−38	−58	−28	+24	−19	−45	+20	+3	0	1.42
32732		06 49 40.19	−06 16 25.5	8.58		H	102.417 461 44	−06.273 749 87		2.74	−9.52	2.27	0.99	0.77	1.11	1.09	0.88	−12	+25	−32	−41	−8	−4	−4	−48	+23	−15	0	0.79
32733		06 49 40.39	−78 05 24.4	8.36		H	102.418 302 29	−78.090 113 13		3.30	−8.18	58.90	0.63	0.61	0.66	0.73	0.63	−10	+9	+14	+1	−3	−11	−1	+5	+2	−30	0	−0.62
32734		06 49 40.54	−31 15 33.0	8.34		H	102.418 924 48	−31.259 162 67		0.53	4.34	16.05	0.65	0.68	0.90	0.76	0.87	+1	+4	+12	+36	−5	−9	−3	+12	−18	+13	0	0.49
32735		06 49 40.59	−74 33 26.8	8.93		H	102.419 109 95	−74.557 457 16		14.87	−13.08	67.18	0.82	0.80	0.89	0.80	0.89	+0	+30	+5	+0	−6	+17	−13	−1	−20	−9	3	1.88
32736		06 49 40.91	−68 31 01.5	9.09		H	102.420 453 01	−68.517 071 40		0.65	−3.22	17.66	0.84	0.78	0.84	0.99	0.92	+2	+20	+4	−16	−10	−9	−12	−10	−10	+2	2	1.46
*32737		06 49 41.23	+28 19 03.9	8.14		H	102.421 787 14	+28.317 740 16		1.31	2.11	−19.95	1.12	0.73	1.43	1.54	0.98	+6	+25	−49	+1	−38	+43	+0	−56	+47	+56	0	−1.06
*32738	T	06 49 41.01	+53 01 59.3	10.74		H	102.420 873 45	+53.033 152 45	B	−11.62	−41.27	−74.84	48.29	45.12	21.96	21.19	15.50	−33	+21	−4	+13	+39	+4	+35	−19	+0	−33	3	1.65
32739		06 49 41.30	−50 57 31.7	8.71	1	H	102.422 064 96	−50.958 796 97		0.48	−2.45	16.73	0.71	0.70	0.78	0.83	0.85	−7	+19	+9	−4	−4	+12	−6	−9	−1	−23	1	0.34
32740		06 49 41.34	+32 36 24.8	5.72		H	102.422 243 58	+32.606 879 04		10.63	−39.68	−50.71	0.86	0.46	0.87	1.08	0.58	+7	+32	−8	+31	+13	−9	+23	−22	−3	+35	4	0.51
32741		06 49 41.84	−24 04 27.3	8.75		G	102.424 343 51	−24.074 242 86		4.12	1.73	−12.91	0.69	1.01	1.55	0.80	1.24	+12	+1	−3	+25	−22	+12	−19	+4	+16	+32	0	0.82
32742		06 49 43.08	−19 23 02.1	8.03		H	102.429 481 53	−19.383 925 37		9.69	10.86	54.14	0.57	0.62	1.11	0.74	0.76	+11	+6	−1	+17	+19	−8	+16	−16	+11	+1	0	−1.43
32743		06 49 43.23	+25 29 04.0	6.80	2	T	102.430 126 59	+25.484 455 22		−0.33	26.83	−35.61	0.97	0.60	1.06	1.25	0.90	+0	+29	+11	−3	+18	+21	+11	−48	+1	−17	0	0.81
32744	H	06 49 44.00	−24 04 33.7	6.31		H	102.433 339 40	−24.076 033 32	A	5.58	0.99	−13.59	0.52	0.67	0.87	0.55	0.79	+6	+4	−1	+22	−18	+5	−18	+10	+3	+38	3	−0.88
32745		06 49 44.29	−01 20 23.8	7.33	2	G	102.434 556 44	−01.339 950 27		5.32	−7.78	7.79	0.89	0.68	0.96	0.82	0.70	−35	+26	−7	−50	+19	−1	+22	−64	+4	−17	0	−0.47
32746		06 49 44.30	+37 30 45.8	6.49		H	102.434 579 13	+37.512 730 42		4.33	−22.86	7.30	0.73	0.42	0.83	0.84	0.58	−9	+44	−3	−5	−13	−13	−10	−34	+13	−18	2	0.84
32747		06 49 44.77	−16 18 36.3	7.95		H	102.436 524 33	−16.310 072 12		2.40	1.91	−8.33	0.91	0.83	1.16	1.11	1.02	−14	+25	−38	−27	+10	−32	−2	−4	+0	−17	6	0.28
32748		06 49 45.07	+07 50 42.9	7.84		H	102.437 809 19	+07.845 243 05		0.51	−0.03	−0.76	0.89	0.58	0.99	0.95	0.75	−20	+32	−15	−15	+10	−18	+11	−52	+1	−8	0	−1.95
32749		06 49 45.67	−29 33 20.9	10.03		H	102.440 290 24	−29.555 815 14		11.98	−51.47	−61.81	0.99	1.11	1.49	1.11	1.29	−4	+2	+6	+18	+0	+4	+0	−9	+10	−5	0	3.83
32750		06 49 47.18	−17 34 04.8	9.03		H	102.446 593 18	−17.568 003 00		2.27	1.33	−3.63	0.72	0.79	1.30	0.87	0.98	−22	+33	−35	+8	+46	−22	+51	−42	+41	−17	0	0.41
32751		06 49 47.37	−28 43 40.0	10.68		H	102.447 374 13	−28.727 765 48		−1.23	−0.17	5.81	1.15	1.38	1.83	1.44	1.70	−12	+12	−4	+3	+6	+3	+8	−15	+16	−8	0	1.82
32752		06 49 48.56	+32 06 47.0	8.44		H	102.452 340 38	+32.113 048 62		9.15	13.53	−18.47	1.18	0.65	1.29	1.42	0.89	−8	+39	−10	+12	+2	−3	+18	−37	+19	+16	0	2.33
*32753		06 49 49.85	+16 12 10.5	5.87		G	102.457 689 04	+16.202 913 18		3.52	−14.94	−10.44	0.74	0.43	0.83	0.86	0.62	−9	+38	−8	+11	+12	−29	−1	−29	−1	−28	0	0.06
*32754		06 49 49.78	+55 52 58.4	10.39		G	102.457 400 98	+55.882 876 35		27.35	−16.53	−219.71	1.37	1.15	1.78	1.55	1.25	−1	+26	+0	+12	+30	+11	+27	−2	+2	−14	0	−0.52
*32755		06 49 49.94	+17 59 21.6	7.64		H	102.458 079 68	+17.989 345 55		6.63	6.46	−42.95	0.88	0.55	0.95	0.96	0.67	−1	+34	−5	−8	−7	−8	−1	−45	−1	+17	0	0.55
*32756		06 49 49.89	−24 59 52.2	8.28		H	102.457 871 38	−24.997 825 70		2.87	−9.52	0.75	0.46	0.59	0.88	0.55	0.76	+0	+9	−2	+5	−9	+3	−7	−9	+19	+5	0	0.03
32757		06 49 50.00	+39 28 44.8	7.76		H	102.458 320 96	+39.479 109 81		1.57	−5.32	−3.71	0.79	0.49	0.90	0.97	0.64	−5	+32	−7	+3	−18	−2	−11	−30	+14	+3	0	1.16
32758		06 49 50.25	−11 30 23.9	9.41	2	G	102.459 362 26	−11.506 648 33		2.03	−1.56	3.29	1.13	0.92	1.23	1.47	1.14	+1	+14	+0	−21	−10	+0	−13	−43	+18	−29	0	1.41
32759		06 49 50.47	−32 30 30.6	3.50	2	H	102.460 272 85	−32.508 487 52		4.13	−9.18	4.04	0.36	0.41	0.50	0.43	0.57	+10	+11	−4	+13	+3	+13	+3	+17	+1	+19	1	0.70
32760		06 49 50.64	−86 55 57.0	8.98		H	102.461 011 93	−86.932 503 81		5.37	2.00	−33.09	0.69	0.71	0.79	0.80	0.83	−4	+1	−13	+5	−10	+5	−10	−11	+13	−11	0	−0.20
120248		06 49 50.74	+66 21 30.2	11.08		H	102.461 435 43	+66.358 387 38		10.10	202.15	−86.72	1.36	1.95	3.11	1.77	2.28	+5	−20	−2	−49	−3	+38	+1	−53	−25	−26	0	0.32
32761		06 49 51.32	−53 37 21.0	4.41		H	102.463 817 12	−53.622 492 21	+	5.90	−2.27	17.57	0.51	0.44	0.51	0.53	0.56	−4	+18	−9	−18	−1	−4	−5	+16	−18	−3	0	−1.90
32762	H	06 49 51.83	−45 02 54.3	8.29		G	102.465 941 41	−45.048 406 61	A	4.13	0.01	117.53	1.10	1.05	1.10	1.19	1.17	+3	+20	−9	+0	−5	−2	−4	+7	−2	−10	0	0.31
32763		06 49 53.73	+45 42 50.6	8.62		H	102.473 891 98	+45.714 055 94		8.75	−18.99	−105.31	0.99	0.74	1.07	1.21	0.80	−35	+20	−12	−12	+7	+9	+12	−42	−1	−21	0	−0.01
32764		06 49 53.74	−50 08 57.0	8.66		H	102.473 936 05	−50.149 155 74		16.23	27.83	−113.31	0.70	0.67	0.74	0.82	0.75	−8	+0	−1	−20	+2	+15	+2	−24	+3	−22	1	0.42
32765		06 49 54.62	−46 36 55.7	5.14		G	102.477 570 95	−46.615 470 07		39.66	−0.56	374.38	0.49	0.46	0.53	0.61	0.69	+0	−1	−15	−21	+4	+11	+8	−1	+9	−7	0	−1.41
32766		06 49 55.52	−05 30 47.5	7.55	1	H	102.481 343 19	−05.513 200 05		1.30	−2.81	1.69	0.73	0.54	0.85	0.75	0.60	−3	+27	−26	−33	−10	−3	−6	−37	+20	+16	2	1.26
32767	H	06 49 55.68	−28 05 57.4	9.74		G	102.481 986 51	−28.099 280 41	*	14.62	4.66	152.87	0.89	1.06	1.45	1.12	1.33	−1	−6	+0	+2	−16	+0	−16	−12	+15	+3	1	−0.45
32768		06 49 56.14	−50 36 51.8	2.94		H	102.483 903 49	−50.614 399 73	+	17.85	34.23	−65.85	0.44	0.45	0.49	0.86	0.74	+4	+11	+1	−11	−17	+8	−9	−6	−7	−32	1	−0.03
32769		06 49 56.73	+60 20 04.4	8.59		G	102.486 361 88	+60.334 546 34		60.96	251.88	410.14	0.95	0.92	1.30	1.10	1.10	+0	+33	+4	+29	+6	+7	+14	+26	+28	+1	0	0.87
32770		06 49 57.69	+53 46 07.7	8.37		H	102.490 365 67	+53.768 792 32		1.09	6.91	9.07	0.84	0.65	1.08	0.90	0.67	−12	+37	−18	+35	+18	+0	+18	+12	+12	−13	0	0.30
32771	T	06 49 57.70	−45 27 00.9	6.54		G	102.490 399 86	−45.450 259 44		4.42	7.47	−59.96	0.48	0.47	0.54	0.54	0.58	+1	+4	−12	−1	+1	−9	+1	+11	+2	−12	0	−0.20
32772		06 49 58.55	+54 15 55.1	8.98		H	102.493 967 01	+54.265 312 57		3.90	−0.54	−17.98	0.91	0.71	1.15	0.98	0.70	−12	+33	−23	+32	+27	−8	+24	+7	+11	−11	0	−0.45
32773		06 49 58.75	+67 30 47.9	7.68	2	H	102.494 798 30	+67.513 301 95		0.74	−13.64	11.24	0.54	0.57	0.93	0.52	0.57	+16	+14	−2	−36	+10	−1	+12	−23	+3	+9	0	0.84
32774	H	06 50 00.99	+46 11 05.3	7.15		G	102.504 105 65	+46.184 796 02	A	3.53	−5.76	−26.24	3.27	2.65	1.38	1.54	1.01	−15	+12	−3	−7	+0	+6	−7	−37	+3	−11	2	−0.39
32775		06 50 01.01	−60 14 57.9	6.11		H	102.504 205 44	−60.249 408 71		30.16	4.80	107.92	0.72	0.71	0.75	0.82	0.88	−6	+7	+8	+5	−6	+2	−7	+5	−8	−13	0	
32776		06 50 02.18	+12 03 29.3	6.85	2	H	102.509 090 74	+12.058 138 15		−0.36	−2.51	−5.42	0.88	0.52	0.94	1.05	0.73	−11	+37	−8	−4	+4	−12	+20	−50	+4	+23	0	0.00
*32777		06 50 02.47	+27 00 12.7	8.27		H	102.510 289 24	+27.003 536 26		4.66	−4.71	−1.50	1.27	0.67	1.21	1.85	1.04	+18	+16	−12	+38	+18	+3	+21	−28	+15	+21	2	3.96
*32778		06 50 02.44	−55 54 12.8	7.73		G	102.510 182 00	−55.903 561 80		5.55	3.57	−3.61	0.58	0.53	0.59	0.67	0.60	−7	+11	+5	+22	−10	+4	−18	−14	−4	−28	0	0.47
32779		06 50 02.52	−66 17 36.6	6.99		G	102.510 514 26	−66.293 487 85		3.11	−8.63	29.82	0.50	0.48	0.53	0.41	0.55	+4	+19	+16	−50	−12	−13	−6	+0	+1	−14	2	−0.37
32780		06 50 03.35	−42 08 43.4	8.36		H	102.513 955 46	−42.145 377 82		5.04	−5.54	−2.31	0.62	0.73	0.78	0.68	0.91	−16	+14	−20	−9	+3	+0	+5	−4	+6	−23	0	−0.16
32781		06 50 05.86	+06 15 22.7	7.43		G	102.524 419 84	+06.256 315 86		0.75	−0.72	−1.03	0.93	0.60	0.98	0.96	0.74	−15	+25	−1	−30	+9	−3	+6	−56	−22	−6	2	0.44
32782		06 50 05.97	−27 20 02.3	7.05	1	H	102.524 876 86	−27.333 977 61		−0.07	−1.03	3.96	0.46	0.52	0.71	0.61	0.65	+9	−1	+2	+1	−14	+0	−14	−3	+7	+5	0	0.81
32783		06 50 06.37	+17 35 23.3	7.95		H	102.526 526 38	+17.589 808 17		3.11	14.82	−24.55	1.01	0.57	1.13	1.18	0.76	−9	+41	−20	+5	−1	−22	+9	−38	+0	+26	2	1.08
32784		06 50 06.83	+38 49 35.1	8.06		H	102.528 472 85	+38.826 411 55		5.83	−7.86	−47.01	0.87	0.54	1.01	1.03	0.69	−8	+39	−12	−8	−10	−1	−3	−43	+7	+6	0	0.78
32785		06 50 07.73	+10 01 50.8	9.02		H	102.532 205 75	+10.030 770 72		1.94	−1.94	−1.47	1.10	0.64	1.19	0.98	0.77	−25	+52	−24	−9	+8	−14	+11	−48	+14	−18	0	−0.51
32786		06 50 08.09	−12 35 05.1	7.20	2	G	102.533 713 47	−12.584 761 72		0.62	−3.24	3.95	0.71	0.51	0.74	0.92	0.62	+3	+19	−4	−21	−3	+6	+0	−23	+11	−25	0	−0.61
32787		06 50 10.66	−48 52 53.6	8.06		H	102.544 433 93	−48.881 564 91		5.03	3.68	17.15	0.59	0.62	0.68	0.65	0.76	−7	+23	−4	−1	+2	−9	+2	−19	+18	−23	0	0.20
32788		06 50 10.82	−33 53 08.7	7.41		H	102.545 083 81	−33.885 756 12		4.83	−8.38	12.44	0.46	0.50	0.67	0.56	0.60	+13	−5	−17	+16	−9	+36	−3	+27	−14	+9	0	0.55
32789		06 50 11.00	+16 27 13.7	7.05		H	102.545 845 73	+16.453 811 62		7.65	21.09	−30.78	0.78	0.46	0.88	0.95	0.67	−3	+34	−11	+1	+9	−32	+1	−39	+8	−17	0	0.24
32790		06 50 11.17	−39 03 18.2	7.24		H	102.546 525 48	−39.055 053 31		4.91	0.56	−34.53	0.50	0.55	0.61	0.54	0.63	+11	+6	−3	+8	−16	+15	−18	−3	+0	+4	0	−0.39
32791		06 50 11.55	+33 14 20.8	9.22	3	H	102.548 104 41	+33.239 113 49		3.18	−5.84	−11.57	1.26	0.73	1.28	1.59	0.89	+10	+24	+10	+29	+23	+4	+28	−31	−18	+30	0	−0.19
32792	H	06 50 11.87	+39 57 11.3	7.99		G	102.549 443 59	+39.953 143 55	A	4.90	−17.07	−20.58	1.46	0.97	1.55	1.66	1.09	−9	+19	−4	−7	−29	+7	−16	−43	+13	+13	1	0.25
32793		06 50 12.35	+05 40 24.6	6.77		G	102.551 465 53	+05.673 501 05		9.94	−40.84	−0.17	0.86	0.54	0.94	0.99	0.66	+1	+33	−19	−10	−7	−7	−2	−44	−6	+29	0	0.72
32794		06 50 12.44	+35 04 06.7	7.16		H	102.551 814 87	+35.068 534 72		3.00	−16.57	−33.34	1.08	0.65	1.11	1.61	0.90	+32	+41	−24	−28	−51	+19	−26	−66	+21	+74	0	−0.38
32795		06 50 12.99	−27 35 37.2	10.12		H	102.554 139 89	−27.593 659 57		0.79	1.96	8.70	0.71	0.81	1.11	0.96	0.98	+3	+1	+6	+11	−18	+4	−16	−2	+9	+2	0	0.56
32796		06 50 13.92	−52 48 00.2	7.62		H	102.557 999 22	−52.800 042 75		4.00	−6.44	13.77	0.56	0.50	0.57	0.57	0.61	+2	+8	+5	−6	+3	−5	+4	+0	−10	−7	2	−0.59
32797		06 50 14.01	+18 47 52.8	8.04		G	102.558 366 73	+18.798 011 76		1.02	−6.93	−8.13	0.96	0.58	0.99	1.10	0.71	+16	+27	−18	−21	−27	+1	−18	−48	+11	+41	3	2.43
32798	H	06 50 14.13	+36 24 07.0	7.91		H	102.558 880 92	+36.401 957 29	*	5.61	−13.69	−18.00	0.91	0.59	1.13	1.34	0.95	+6	+8	−32	+1	−32	+22	−17	−47	+47	+28	0	1.10
32799		06 50 15.59	−26 46 16.3	8.59		H	102.564 954 09	−26.771 207 45		2.32	−23.40	31.02	0.66	0.84	1.10	0.74	1.05	+9	−3	−2	−12	−19	−11	−19	+7	−6	+1	1	0.61
32800	H	06 50 16.01	+24 09 25.5	8.34		H	102.566 718 49	+24.157 076 07	*	8.64	6.83	−52.32	1.20	0.68	1.26	1.80	1.17	−8	+21	−6	+14	+26	−4	+21	−54	+11	−20	0	0.77

No.	Tycho Magnitudes					Colour Indices					Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
32701	8.534	0.009	8.218	0.010		0.303	0.014	T	0.35	0.02	L	8.2619	0.0013	0.013	113		8.24	8.29		C			1							S
32702	7.911	0.009	7.380	0.010		0.546	0.001	G	0.62	0.00	H	7.4224	0.0009	0.008	74		7.41	7.44		C			1							S
32703	8.614	0.011	8.616	0.015		−0.001	0.016	T	0.02	0.01	L	8.6321	0.0018	0.017	92		8.60	8.67					1							
32704	10.314	0.026	8.930	0.014		1.171	0.023	T	1.13	0.02	L	8.9723	0.0017	0.019	179		8.94	9.00					1							
32705	8.832	0.012	7.802	0.009		0.897	0.011	T	0.90	0.01	L	7.8656	0.0012	0.014	98		7.84	7.89		C			1							S
32706	11.098	0.051	10.310	0.040		0.699	0.049	T	0.76	0.04	L	10.4198	0.0038	0.035	153		10.36	10.48					1 S							G
32707	8.821	0.013	8.906	0.018		−0.073	0.020	T	−0.05	0.02	L	8.9126	0.0015	0.015	88		8.89	8.94		C			1							
32708	8.661	0.010	7.539	0.007		0.966	0.010	T	0.95	0.01	L	7.5980	0.0011	0.012	140		7.58	7.62			06494−2839	I 1	1							S
32709	9.704	0.043	8.931	0.029	*	0.703	0.041	T	0.76	0.03	L *	9.7192	0.0019	0.026	129	*	9.67	9.77		R	06494−3325	I 1	2 C A	BA	37	1.575	0.006	0.10	0.02	
32710	8.325	0.012	7.759	0.009		0.529	0.013	T	0.60	0.01	L	7.8154	0.0011	0.009	83		7.80	7.83		C			1							S
32711	8.945	0.012	8.980	0.016		−0.027	0.018	T	−0.01	0.02	L	9.0246	0.0019	0.015	94		9.00	9.05		C			1							
32712	8.442	0.009	8.122	0.010		0.307	0.015	T	0.35	0.02	L	8.1795	0.0014	0.015	114		8.16	8.21		C			1							S
32713	8.887	0.012	7.271	0.007		1.353	0.011	T	1.32	0.01	L	7.3302	0.0011	0.009	86		7.31	7.35		C			1							
32714	9.204	0.016	9.189	0.020		0.019	0.024	T	0.04	0.02	L	9.1795	0.0023	0.019	91		9.15	9.22		C			1							
32715	7.089	0.005	7.113	0.006	A	−0.031	0.001	G	−0.02	0.02	A *	7.1143	0.0011	0.010	118	*	7.10	7.14			06495−4534	I 1	2 C A	AB	233	1.566	0.021	3.89	0.19	S
32716	6.744	0.005	6.840	0.005		−0.082	0.006	T	−0.06	0.01	L	6.8289	0.0010	0.009	140		6.82	6.85					1							S
32717	8.988	0.015	9.048	0.020		−0.050	0.023	T	−0.03	0.02	L	9.0582	0.0022	0.015	86		9.04	9.08		C			1							
32718	7.653	0.008	7.082	0.005		0.537	0.007	T	0.61	0.01	L	7.1253	0.0011	0.010	118		7.11	7.14					1							S
32719	8.883	0.014	8.225	0.012		0.626	0.015	G	0.69	0.01	H	8.2778	0.0010	0.011	93		8.25	8.30		D			1							S
32721	8.206	0.008	8.261	0.010		−0.070	0.015	G	−0.05	0.01	H	8.2521	0.0033	0.043	182		8.16	8.30		U 2	06496−2111	I 1	1 G							
32722	9.975	0.021	10.042	0.033		−0.057	0.034	T	−0.04	0.03	L	10.0717	0.0027	0.033	173		10.02	10.13					1							G
32723						1.330	0.015	G	1.54	0.02	I	10.2576	0.0025	0.019	73		10.22	10.29		C			1							G
32724	8.965	0.014	7.288	0.007		1.401	0.012	T	1.38	0.01	L	7.2804	0.0012	0.010	86		7.27	7.30		C			1							S
32725	8.984	0.016	8.438	0.015		0.512	0.020	T	0.58	0.02	L	8.4980	0.0025	0.016	79		8.47	8.52					1							
32726	9.179	0.015	7.553	0.008		1.314	0.007	G	1.52	0.01	H	7.5501	0.0023	0.021	81		7.53	7.59		R			1 S							
32727	8.156	0.011	8.173	0.014		−0.011	0.016	T	0.01	0.01	L	8.1879	0.0012	0.010	81		8.17	8.21					1							S
32728	9.769	0.028	9.055	0.024		0.657	0.030	T	0.72	0.03	L	9.0939	0.0020	0.014	86		9.07	9.12		C			1							
32729	7.206	0.005	7.133	0.006		0.066	0.007	T	0.08	0.01	L	7.1678	0.0011	0.015	223		7.13	7.19		U 2			1							S
32730	8.185	0.010	7.857	0.011	A	0.372	0.015	G	0.43	0.02	H	7.9136	0.0158	0.024	110	A	7.85	7.94		D	06497+5302	I 2	1 C P A							S
32731	7.559	0.007	7.550	0.011		0.007	0.004	G	0.03	0.00	H	7.5655	0.0014	0.009	65		7.55	7.58		C			1							S
32732	10.289	0.036	8.695	0.016		1.336	0.031	T	1.30	0.04	L	8.7321	0.0016	0.013	87		8.71	8.76		C			1							
32733	9.602	0.017	8.469	0.011		0.975	0.016	T	0.96	0.01	L	8.5258	0.0015	0.013	113		8.50	8.55		C			1							
32734	9.620	0.019	8.453	0.012		1.020	0.015	G	0.99	0.01	H	8.5034	0.0021	0.016	138		8.48	8.53			06497−3115	I 1	1							
32735	9.879	0.021	9.041	0.016		0.737	0.020	T	0.78	0.01	L	9.0702	0.0019	0.019	112		9.04	9.10		C			1 S							
32736	10.971	0.047	9.245	0.019		1.440	0.040	T	1.44	0.06	L	9.2302	0.0025	0.019	98		9.20	9.26					1							
32737	10.201	0.035	8.341	0.014		1.546	0.030	T	1.61	0.07	L	8.2598	0.0018	0.012	65		8.24	8.28		C			1							
32738											T	10.2576	0.1154			B				D	06497+5302	I 2	1 C I A							
32739	10.896	0.066	8.897	0.023		1.693	0.058	T	1.89	0.15	O	8.8019	0.0019	0.026	117		8.76	8.85		U			1							
32740	7.414	0.006	5.868	0.004		1.298	0.006	T	1.26	0.01	L	5.8757	0.0010	0.006	76		5.87	5.88					1							S
32741	8.921	0.010	8.686	0.012		0.238	0.015	G	0.27	0.02	H	8.7797	0.0025	0.037	214		8.70	8.84		D	06497−2405	I 2	1							
32742	8.843	0.010	8.103	0.008		0.663	0.010	T	0.72	0.01	L	8.1667	0.0013	0.013	163		8.15	8.20					1							S
32743	8.862	0.014	6.983	0.007		1.561	0.012	T	1.58	0.01	L	6.9516	0.0102	0.075	77		6.88	7.06		U 2			1							S
32744	6.256	0.006	6.196	0.005	*	0.054	0.007	T	0.07	0.01	L *	6.3320	0.0006	0.009	234	*	6.32	6.35		D	06497−2405	I 2	2 C A	AB	209	1.794	0.003	1.43	0.01	S
32745	7.238	0.006	7.310	0.008		−0.089	0.015	G	−0.07	0.02	H	7.3008	0.0039	0.028	79		7.27	7.34	2.14	P 1 A			1							S
32746	8.533	0.011	6.665	0.005		1.553	0.010	T	1.57	0.01	L	6.6113	0.0008	0.008	106		6.60	6.62		C			1							S
32747	10.001	0.026	8.100	0.011		1.579	0.022	T	1.60	0.02	L	8.0706	0.0029	0.020	83		8.04	8.11					1							S
32748	8.414	0.012	7.909	0.013		0.475	0.016	T	0.55	0.02	L	7.9448	0.0013	0.009	90		7.93	7.96		C			1							S
32749	10.744	0.042	10.039	0.034		0.636	0.041	T	0.70	0.04	L	10.1607	0.0022	0.032	149		10.09	10.22					1							G
32750	9.296	0.011	9.061	0.013		0.219	0.017	T	0.24	0.02	L	9.0986	0.0020	0.023	174		9.06	9.15					1							
32751	10.752	0.048	10.701	0.068		0.052	0.077	T	0.06	0.06	L	10.7075	0.0045	0.039	135		10.65	10.78		C			1							G
32752	9.083	0.015	8.531	0.014		0.517	0.018	T	0.59	0.02	L	8.5507	0.0018	0.014	71		8.53	8.59		C			1							
32753						−0.136	0.008	G	−0.13	0.01	H	5.8168	0.0008	0.005	80		5.81	5.83			06498+1612	I 1	1							S
32754	11.895	0.164	10.499	0.071		1.277	0.020	G	1.46	0.03	I	10.4997	0.0033	0.024	81		10.44	10.53		C			1							G
32755	8.127	0.010	7.690	0.010		0.420	0.001	G	0.49	0.00	H	7.7368	0.0016	0.012	88		7.72	7.76		C			1							S
32756	8.444	0.008	8.301	0.009		0.130	0.011	T	0.14	0.01	L	8.3261	0.0015	0.014	191		8.30	8.35					1							
32757	7.664	0.008	7.745	0.010		−0.069	0.012	T	−0.05	0.01	L	7.7413	0.0013	0.010	90		7.73	7.76		C	06498+3929	I 1	1							S
32758	9.365	0.019	9.423	0.026		−0.043	0.015	G	−0.02	0.01	H	9.4057	0.0027	0.024	66		9.37	9.61		U 2 C			1							G P
32759	3.370	0.006	3.503	0.005		−0.116	0.007	T	−0.10	0.01	L	3.4644	0.0037	0.048	136		3.40	3.55		U 2 C			1							S
32760	9.484	0.014	9.018	0.014		0.439	0.018	T	0.51	0.02	L	9.0754	0.0018	0.020	133		9.04	9.10					1							
120248	11.889	0.104	10.982	0.071		1.500	0.020	G	0.93	0.20	S	11.2455	0.0043	0.052	190		11.17	11.34		R			1							G
32761	5.564	0.003	4.513	0.002		0.899	0.041	G	0.92	0.02	A	4.5681	0.0006	0.004	92		4.56	4.58		C			1 O							S
32762	8.825	0.012	8.432	0.012	*	0.402	0.015	G	0.47	0.02	H *	8.3841	0.0013	0.011	121	*	8.36	8.41		D	06499−4503	I 1	2 C A	AB	235	0.760	0.003	1.00	0.01	S
32763	9.580	0.021	8.685	0.016		0.796	0.020	T	0.83	0.01	L	8.7753	0.0023	0.017	74		8.74	8.81		C			1							
32764	9.334	0.018	8.720	0.016		0.569	0.018	T	0.64	0.02	L	8.7804	0.0018	0.015	110		8.75	8.81		C			1							
32765	5.679	0.003	5.199	0.002		0.460	0.017	G	0.54	0.02	A	5.2429	0.0004	0.004	100		5.24	5.25					1							S
32766	7.441	0.006	7.533	0.010		−0.079	0.010	T	−0.06	0.01	L	7.5326	0.0014	0.013	91		7.51	7.56		M			1							S
32767	10.891	0.042	9.919	0.028	*	0.877	0.004	G	0.92	0.00	H *	9.8878	0.0031	0.028	160	*	9.85	9.93		C	06499−2806	H 1	2 C S A	AB	54	0.157	0.015	0.01	0.79	G
32768	4.501	0.003	3.071	0.002		1.207	0.003	T	1.14	0.02	A	3.1077	0.0005	0.004	102		3.10	3.12					1 O							S
32769	10.114	0.034	8.730	0.019		1.209	0.006	G	1.35	0.01	I	8.7039	0.0025	0.021	74		8.67	8.74					1							
32770	10.572	0.034	8.598	0.013		1.637	0.029	T	1.66	0.03	L	8.4833	0.0027	0.022	104		8.44	8.52					1							
32771	8.550	0.010	6.737	0.005		1.501	0.038	G	1.66	0.02	A	6.6641	0.0008	0.009	107		6.65	6.68		C	06500−4527	I 1	1							S
32772	8.902	0.015	8.949	0.019		−0.038	0.022	T	−0.02	0.02	L	8.9740	0.0019	0.014	90		8.95	9.01		C			1							
32773	9.664	0.016	7.843	0.007		1.515	0.014	T	1.55	0.02	L	7.7998	0.0012	0.021	222		7.77	7.83		U 2			1							S
32774	8.831	0.015	7.299	0.008	*	1.290	0.015	G	1.25	0.02	H *	7.3020	0.0012	0.009	77	*	7.29	7.32		D	06500+4611	I 1	2 C A	AC	132	0.331	0.030	2.82	0.22	S
32775	6.639	0.003	6.157	0.003		0.457	0.007	G	0.53	0.01	H	6.2089	0.0007	0.007	112		6.20	6.22					1 X							S
32776	9.212	0.016	7.075	0.007		1.807	0.014	T	2.56	0.03	O	6.8630	0.0035	0.028	75		6.83	6.92		U 2 C			1 S							S
32777	8.489	0.013	8.277	0.015		0.202	0.019	T	0.22	0.02	L	8.3392	0.0018	0.012	64		8.32	8.37					1							
32778	8.113	0.009	7.754	0.007		0.344	0.015	G	0.40	0.02	H	7.8106	0.0011	0.011	111		7.79	7.83		C			1							S
32779	8.087	0.007	7.082	0.006		0.879	0.003	G	0.86	0.02	A	7.1551	0.0008	0.008	108		7.14	7.17					1							S
32780	9.883	0.020	8.473	0.011		1.191	0.018	T	1.15	0.02	L	8.5248	0.0016	0.017	119		8.50	8.55		C			1							
32781	7.326	0.007	7.423	0.010		−0.077	0.002	G	−0.06	0.00	H	7.4082	0.0016	0.010	75		7.39	7.42					1							S
32782	6.789	0.004	7.008	0.005		−0.183	0.002	G	−0.19	0.00	H	6.9803	0.0014	0.014	157		6.95	7.00		M			1							S
32783	9.398	0.018	8.079	0.011		1.100	0.020	G	1.06	0.02	H	8.1235	0.0014	0.013	80		8.11	8.15		C			1							
32784	8.356	0.010	8.092	0.011		0.230	0.015	G	0.26	0.02	H	8.1325	0.0014	0.010	101		8.12	8.15		C			1							S
32785	9.317	0.018	9.060	0.020		0.245	0.025	T	0.27	0.03	L	9.0924	0.0013	0.013	94		9.08	9.12					1							
32786	7.006	0.007	7.151	0.007		−0.131	0.002	G	−0.12	0.00	H	7.1494	0.0025	0.020	72		7.11	7.20		U 2			1							S
32787	8.279	0.010	8.080	0.011		0.190	0.014	T	0.21	0.02	L	8.1181	0.0015	0.011	104		8.10	8.14		C			1							S
32788	7.356	0.005	7.390	0.007		−0.043	0.006	G	−0.02	0.01	H	7.3993	0.0011	0.011	128		7.38	7.42					1							S
32789	8.061	0.011	7.128	0.008		0.824	0.010	T	0.85	0.01	L	7.2090	0.0013	0.009	77		7.19	7.22		C			1							S
32790	8.378	0.011	7.336	0.008		0.906	0.010	T	0.91	0.01	L	7.4014	0.0008	0.009	103		7.39	7.42		C			1							S
32791	9.504	0.021	9.314	0.025		0.182	0.031	T	0.20	0.04	L	9.2792	0.0052	0.052	72		9.24	9.88		P 1 A			1							G
32792	9.453	0.020	8.185	0.013	A	1.067	0.015	G	1.03	0.01	H *	8.1675	0.0016	0.013	94	*	8.14	8.19		D	06502+3957	I 1	2 C A	AB	112	5.457	0.022	2.71	0.06	S
32793	7.112	0.006	6.801	0.007		0.321	0.015	G	0.37	0.02	H	6.8518	0.0009	0.006	74		6.84	6.86		C			1							S
32794	8.447	0.013	7.267	0.007		1.011	0.012	T	0.99	0.01	L	7.3291	0.0011	0.008	70		7.31	7.34					1							S
32795	10.973	0.044	10.202	0.034		0.686	0.042	T	0.74	0.04	L	10.2531	0.0018	0.020	164		10.22	10.29		C			1							G
32796	7.506	0.006	7.606	0.008		−0.091	0.001	G	−0.07	0.00	H	7.5984	0.0010	0.010	99		7.58	7.62		C			1							S
32797	8.796	0.013	8.132	0.012		0.636	0.015	G	0.70	0.01	H	8.1692	0.0016	0.014	87		8.15	8.19		C			1							S
32798	8.165	0.012	7.930	0.010	*	0.224	0.015	T	0.25	0.02	L *	7.9717	0.0014	0.010	72	*	7.96	7.99		C	06502+3624	M 1	2 C S B	AS	317	0.107	0.028	0.49	1.14	
32799	10.016	0.019	8.715	0.012		1.106	0.018	T	1.07	0.02	L	8.7581	0.0019	0.021	169		8.73	8.80					1							
32800	8.934	0.020	8.403	0.019	*	0.498	0.025	T	0.57	0.03	L *	8.4537	0.0017	0.011	62	*	8.43	8.48		D	06503+2409	I 1	2 C S A	AB	205	0.160	0.007	0.78	0.28	

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion μα* mas/yr 12	μδ 13	Standard Errors α* mas 14	δ 15	π mas 16	μα* mas/yr 17	μδ 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	μα*/α* 22	μα*/δ 23	μα*/π 24	μδ/α* 25	μδ/δ 26	μδ/π 27	μδ/μα* 28	Soln F1 % 29	F2 30
32801		06 50 16.68	−17 17 30.9	6.62		H	102.569 498 63	−17.291 923 13		8.71	−2.96	−23.29	0.50	0.51	0.82	0.58	0.59	−22	+30	−36	+17	+35	−21	+34	−30	+28	−21	0	0.14
32802		06 50 17.53	+04 32 47.7	9.06		H	102.573 027 73	+04.546 573 67		−0.85	−0.30	−2.02	1.24	0.71	1.44	1.22	0.87	−19	+53	−26	−26	+2	−35	−11	−30	−12	+9	0	−0.54
32803		06 50 17.79	+56 52 28.1	8.42		H	102.574 106 81	+56.874 468 08		4.71	−30.80	−9.37	0.97	0.72	1.18	1.06	0.74	+4	+31	+2	+44	+14	+6	+8	−4	+3	−7	0	−0.52
32804		06 50 18.13	−29 56 52.8	10.03		H	102.575 533 93	−29.948 011 69		16.57	64.38	−49.23	0.88	1.06	1.36	0.94	1.22	+3	+2	−4	+2	−15	+5	−17	−14	+5	−2	0	0.02
32805		06 50 19.77	+53 07 59.0	9.75		G	102.582 389 19	+53.133 065 63		17.22	25.44	−300.17	1.24	1.01	1.65	1.26	1.01	−6	+34	−12	+34	+38	+0	+36	+17	+13	−15	5	1.24
32806		06 50 19.88	+60 55 45.8	8.61		G	102.582 822 97	+60.929 392 50		26.01	−241.49	−184.58	0.90	0.84	1.19	1.03	1.08	+24	+35	+4	+31	+18	+6	+24	+27	+22	+10	0	−0.06
32807		06 50 21.03	−06 11 34.1	7.60		H	102.587 640 65	−06.192 792 70		5.90	−10.01	−3.32	0.80	0.56	0.85	0.80	0.61	−3	+28	−25	−42	−11	+0	−7	−43	+16	+10	0	1.86
32808		06 50 21.42	+39 43 30.2	7.95		H	102.589 247 69	+39.725 059 56		5.13	−1.72	−15.40	0.88	0.54	1.05	1.05	0.69	−8	+38	−15	−6	−16	−9	−6	−37	+13	+15	0	−0.56
32809		06 50 21.77	−17 05 04.4	5.77		H	102.590 721 33	−17.084 557 98		2.10	−6.80	1.27	0.57	0.57	0.81	0.69	0.69	−31	+22	−36	+11	+26	−15	+22	−20	+8	−34	4	0.52
32810		06 50 23.35	−31 42 21.9	5.74	2	T	102.597 291 00	−31.706 094 16		4.54	−1.70	15.12	0.41	0.45	0.56	0.54	0.58	+15	+12	+10	+30	−1	+1	−1	+31	−2	+23	1	−0.55
32811	H	06 50 23.93	−16 01 49.4	8.16		G	102.599 690 65	−16.030 399 48	A	2.30	−2.68	0.64	1.28	1.17	1.44	1.31	1.19	−16	+24	−47	−13	+9	−15	+0	+2	+2	+7	3	−0.01
32812		06 50 24.02	−51 02 46.1	9.94		G	102.600 080 50	−51.046 146 63		19.28	30.06	203.78	0.94	1.02	1.08	1.03	1.22	+1	+32	+6	+1	−11	+7	−13	−12	+0	−19	1	0.52
32813		06 50 25.29	−69 59 10.4	6.80		H	102.605 363 48	−69.986 222 27		6.51	−11.49	−9.20	0.53	0.47	0.53	0.57	0.52	−2	+10	−3	−36	+1	+11	+4	−10	+11	−6	1	−0.60
32814		06 50 25.50	+13 24 47.5	5.68		G	102.606 249 23	+13.413 195 16		2.17	−1.86	−7.55	0.81	0.47	0.88	0.81	0.59	+0	+44	−13	−10	−15	−13	−16	−36	−9	+21	0	−0.11
32815		06 50 26.47	−14 06 48.1	7.97	2	G	102.610 305 50	−14.113 372 88		1.48	−3.74	2.09	0.79	0.67	0.96	0.97	0.79	−1	+33	−36	−11	−19	+5	−9	−27	+21	+9	0	−1.07
32816		06 50 27.87	−23 04 25.1	10.06		H	102.616 127 00	−23.073 641 47		2.46	−5.12	6.93	0.93	1.11	1.72	1.12	1.46	−9	−5	−2	+45	−22	−1	−12	+2	+4	+19	0	1.78
32817		06 50 28.23	+66 16 47.2	8.41		H	102.617 643 94	+66.279 768 81		5.25	−3.89	29.23	0.53	0.61	0.97	0.69	0.71	+1	−3	−18	−21	+3	+11	+5	−23	+10	−20	0	2.74
32818		06 50 28.25	+34 52 29.1	8.94		H	102.617 714 89	+34.874 754 36		2.83	−22.13	−44.18	1.33	0.82	1.40	2.02	1.15	+31	+30	−30	−31	−52	+26	−27	−69	+28	+71	0	0.54
32819		06 50 28.37	−15 57 32.7	9.86		H	102.618 212 92	−15.959 091 83		5.56	4.31	−12.87	1.24	1.06	1.44	1.62	1.44	−7	+28	−24	−33	−3	−16	−7	−18	+1	+2	0	1.43
32820		06 50 30.61	−55 44 33.9	8.73		H	102.627 541 70	−55.742 758 55		2.51	−2.75	11.63	0.66	0.64	0.69	0.75	0.68	−10	+10	+9	+24	−14	+3	−20	−18	−2	−29	1	−0.82
32821		06 50 30.69	−80 08 08.6	8.53		H	102.627 869 05	−80.135 711 20		2.25	−5.25	−6.76	0.71	0.62	0.71	0.77	0.67	−5	+19	+10	+4	−18	+3	−16	+9	+5	−18	0	0.20
32822		06 50 31.79	+07 11 19.2	7.79		H	102.632 473 01	+07.188 664 85		1.68	−2.59	−2.75	0.87	0.59	0.98	0.96	0.78	−15	+32	−8	−24	+8	−26	+3	−48	−10	−8	0	0.01
32823		06 50 32.67	−24 57 32.7	9.35		H	102.636 105 37	−24.959 084 04		1.92	−1.71	4.02	0.62	0.82	1.23	0.72	1.01	+5	+9	−1	+7	−16	+5	−14	−6	+11	+13	0	1.15
32824		06 50 33.14	+19 17 52.7	8.31		H	102.638 082 44	+19.297 968 60		5.23	−5.28	−9.19	1.09	0.73	1.17	1.31	0.90	+32	+10	−45	−38	−45	+19	−32	−64	+41	+53	0	−0.25
32825		06 50 35.19	−48 30 34.2	11.95		H	102.646 631 67	−48.509 506 53		3.19	−2.57	1.12	2.00	2.49	2.45	2.18	3.21	−1	+17	+3	−14	+2	−9	+1	−20	+5	−17	4	0.19
32826		06 50 35.81	−43 29 45.2	9.16		H	102.649 204 09	−43.495 880 63		5.45	−3.28	−6.24	0.76	0.84	0.93	0.81	0.95	−1	+12	−6	+2	−8	+5	−8	+0	+7	−10	1	−1.01
32827		06 50 36.96	−25 46 42.3	6.32		G	102.654 007 72	−25.778 408 76		2.71	−4.20	6.08	0.35	0.44	0.62	0.41	0.53	+12	+11	+6	+2	−17	+0	−17	+2	+3	+14	0	−0.86
32828		06 50 37.28	−75 43 13.9	9.66		H	102.655 350 96	−75.720 516 57		2.32	10.40	25.21	0.85	0.77	0.86	0.96	0.99	−9	+13	+4	−13	−3	+15	−5	−10	−3	−24	0	−0.98
32829		06 50 38.60	+09 15 31.6	8.46		H	102.660 824 44	+09.258 790 59		−0.02	−4.99	−4.88	0.89	0.54	0.97	0.92	0.74	+3	+42	+4	−16	−12	−21	−20	−43	−14	+1	0	−1.42
32830		06 50 38.63	−31 16 35.0	7.16		H	102.660 976 25	−31.276 393 35		4.84	−26.50	24.72	0.45	0.60	0.68	0.52	0.73	+8	+12	+8	+21	+3	+3	+2	+34	−4	+13	0	0.80
32831		06 50 38.97	+05 39 46.3	8.61		H	102.662 390 33	+05.662 873 98		−1.05	−5.24	−0.74	1.32	0.84	1.44	1.41	1.01	−2	+25	−13	−25	+0	−11	−3	−44	−7	+2	0	0.82
32832		06 50 40.03	−46 48 11.6	9.14		H	102.666 773 67	−46.803 232 44		3.53	−3.05	37.66	0.90	0.92	1.05	1.27	1.49	−3	−8	−6	−8	+3	+21	+5	−7	+2	−1	0	−1.57
32833		06 50 40.08	−25 25 18.7	9.18		H	102.666 993 70	−25.421 863 32		3.36	8.59	5.38	0.61	0.80	1.15	0.77	1.08	+2	+15	+10	+10	−4	+6	−4	+4	−1	+14	0	0.02
32834		06 50 41.75	+30 19 44.5	10.14		H	102.673 940 35	+30.329 026 06		9.35	−35.92	−39.72	1.45	0.88	1.56	1.69	1.09	−3	+30	−1	+9	+2	+8	+11	−34	+9	+13	0	−0.48
32835		06 50 41.81	−08 53 19.1	8.99		H	102.674 217 94	−08.888 627 88		0.68	−5.17	−2.80	1.05	0.80	1.28	1.16	0.92	−23	+43	−35	−13	−7	+1	+5	−37	+22	−1	2	−0.29
*32836		06 50 42.02	−22 59 38.3	9.25		H	102.675 070 52	−22.993 962 24		5.42	−4.95	7.45	0.67	0.87	1.31	0.92	1.21	−8	+2	−3	+23	−7	−11	−4	−15	+27	−4	2	1.15
*32837		06 50 41.96	−57 23 11.2	8.93		H	102.674 817 66	−57.386 438 12		5.92	−4.30	17.23	0.66	0.81	0.76	0.75	1.07	−10	−8	+5	+17	−3	+7	−5	−6	+8	−15	3	0.82
32838		06 50 42.31	−08 02 27.6	6.31	1	G	102.676 286 45	−08.041 003 55		9.89	−8.95	2.98	0.63	0.50	0.80	0.65	0.55	−1	+30	−35	−16	−17	−3	−9	−39	+30	+10	0	1.28
32839		06 50 43.27	−04 15 58.4	6.87	1	G	102.680 271 84	−04.266 209 30		5.07	−9.08	−2.89	0.82	0.57	0.86	0.88	0.68	+5	+21	−11	−45	−12	−11	−15	−38	−5	−6	2	−0.16
32840		06 50 44.43	−79 05 01.7	10.15		H	102.685 113 43	−79.083 800 33		7.67	−29.08	59.00	0.97	1.00	1.07	0.98	1.01	−6	+18	+18	+8	−12	+7	−13	+12	+0	−15	0	1.43
32841		06 50 45.22	−20 50 09.1	7.59		G	102.688 417 99	−20.835 860 51		1.10	−0.79	3.98	0.53	0.58	0.88	0.65	0.69	+13	+10	+2	+6	+5	−11	+0	−22	+16	−11	0	−1.12
32842		06 50 45.48	−29 26 51.2	7.98		H	102.689 480 02	−29.447 544 20		14.54	6.23	−3.26	0.55	0.69	0.88	0.65	0.80	−9	−4	+6	+3	−10	+4	−10	+10	+13	−10	0	0.83
32843		06 50 45.61	−36 58 58.6	8.15		H	102.690 037 84	−36.982 953 31		1.59	0.85	15.81	0.58	0.67	0.82	0.67	0.78	−3	−1	+5	+5	−3	+34	−5	+2	−9	−8	0	−1.08
32844		06 50 45.96	+41 46 53.6	4.99		H	102.691 513 15	+41.781 565 48		8.95	−23.94	−138.02	0.69	0.45	0.79	0.88	0.62	−16	+32	−8	+6	−13	−3	−13	−25	+5	−20	0	−0.61
32845	H	06 50 46.05	+29 27 11.5	10.28	2	H	102.691 894 21	+29.453 205 39	A	4.09	16.57	−22.58	5.34	3.37	5.42	7.60	4.13	+14	+29	−44	−3	−44	+35	−3	−61	+40	+64	8	0.56
32846		06 50 46.15	−49 58 49.6	9.01		H	102.692 286 35	−49.980 441 11		1.21	−7.21	12.07	0.75	0.80	0.85	0.90	1.02	−11	+8	+2	−17	−3	−4	+1	+1	+10	−29	0	−0.36
32847		06 50 46.67	−30 34 38.7	8.94		H	102.694 462 95	−30.577 423 21		2.54	−0.38	12.55	0.66	0.79	1.02	0.74	1.07	+1	+0	+9	+14	−1	+12	−2	−2	−11	+1	0	−2.04
32848	H	06 50 48.16	−10 40 37.8	8.96		H	102.700 666 08	−10.677 153 60	A	5.50	−2.99	−1.71	3.04	2.92	2.31	2.37	2.22	−18	+3	−4	−14	−3	+2	−1	−22	+8	+16	1	−0.45
32849		06 50 48.66	−17 18 10.3	8.81		H	102.702 736 74	−17.302 858 13		0.94	−3.10	2.74	0.77	0.88	1.21	0.88	0.94	−44	+31	−32	+9	+32	−8	+32	−33	+20	−41	0	0.32
32850		06 50 49.64	+74 32 52.7	10.31	2	H	102.706 813 14	+74.547 972 29		2.66	5.88	−11.06	0.97	1.09	1.46	0.96	1.09	+5	+17	+8	+5	−1	+6	−2	−13	−4	+3	0	0.02
32851		06 50 49.82	−00 32 25.5	5.78		H	102.707 579 03	−00.540 427 26		33.45	22.12	−187.07	0.77	0.59	0.84	0.71	0.56	−21	+10	+3	−50	+15	+18	+15	−62	−11	−13	0	1.98
32852		06 50 50.28	+19 59 26.0	7.99		G	102.709 480 02	+19.990 558 34		0.05	4.25	−2.96	1.23	0.72	1.19	1.42	0.94	+39	+13	−30	−34	−41	−12	−48	−55	+17	+40	0	0.93
32853		06 50 52.16	−32 58 17.7	9.00		H	102.717 317 69	−32.971 593 40		3.00	19.53	−0.99	0.67	0.80	0.97	0.75	0.99	−1	−10	−18	+18	+1	+10	+5	+18	−11	+1	5	−0.80
32854		06 50 52.27	−01 25 45.2	10.92	3	H	102.717 785 06	−01.429 227 37		0.00	3.54	−2.58	2.60	2.06	2.47	2.46	2.25	−57	+19	−6	−64	+44	−6	+41	−67	−14	−41	0	−0.49
32855		06 50 52.35	−34 22 02.4	4.99		G	102.718 122 09	−34.367 320 59		3.60	4.52	0.85	0.41	0.44	0.56	0.52	0.57	+13	+4	−15	+0	−8	+22	−8	+21	−15	+20	0	1.25
32856		06 50 52.67	−20 54 37.4	7.16	1	G	102.719 458 71	−20.910 383 72		0.39	−2.56	3.33	0.46	0.51	0.79	0.60	0.60	+7	+13	+3	+9	+8	−7	+4	−25	+19	−14	0	0.91
32857		06 50 54.07	+31 55 11.8	9.83		H	102.725 302 35	+31.919 956 01		3.34	0.86	−25.60	1.58	0.95	1.83	2.00	1.25	−8	+36	−33	+8	−11	+23	+15	−49	+33	+26	0	0.48
32858		06 50 54.36	+11 39 49.9	7.76		H	102.726 479 73	+11.663 872 85		3.03	−21.45	−18.65	1.12	0.65	1.12	1.43	0.94	+25	+27	−12	−44	−34	−16	−29	−64	+5	+47	4	1.76
32859		06 50 55.30	−14 15 50.2	8.06		H	102.730 418 01	−14.263 939 18		1.58	−5.30	0.78	0.86	0.80	1.10	1.15	0.93	+18	+7	−45	−14	−37	+11	−28	−39	+41	+18	0	−1.56
32860		06 50 55.90	−52 27 48.8	9.25		H	102.732 923 22	−52.463 552 72		15.09	−26.90	−40.34	0.81	0.76	0.85	0.82	0.93	+5	+3	+3	−13	+0	−6	+3	+13	−15	−4	0	−1.31
32861		06 50 55.92	−24 44 16.4	9.05		H	102.733 015 96	−24.737 887 80		0.22	−1.41	−4.11	0.56	0.75	1.12	0.69	0.91	+14	+9	−3	+9	−16	+12	−13	−7	+15	+24	0	0.03
32862		06 50 56.70	+36 11 15.2	10.86		H	102.736 255 97	+36.187 555 42		4.98	−3.58	−9.75	2.05	1.27	2.43	3.10	2.13	−1	+16	−27	+17	−20	+21	+0	−36	+43	+30	0	2.52
32863		06 50 56.77	−35 08 31.1	9.35		H	102.736 533 52	−35.141 971 79		0.85	8.33	−10.11	0.73	0.89	1.08	0.82	1.14	−9	+29	−23	+8	−2	+19	−5	+26	−18	+6	0	−0.65
32864		06 50 57.09	+67 34 18.9	5.14		H	102.737 867 20	+67.571 923 06		3.76	0.93	4.58	0.40	0.39	0.61	0.38	0.37	+14	+11	−9	−37	+8	+1	+8	−19	+0	+14	1	1.10
32865		06 50 57.89	−56 14 13.2	9.06		H	102.741 217 67	−56.237 003 23	B	8.71	−29.85	36.17	7.47	7.72	3.54	5.66	5.44	−5	+24	+9	+24	−7	+7	−19	−20	−8	−33	17	2.49
*32866		06 50 58.11	−21 54 21.1	9.80		H	102.742 135 42	−21.905 872 72		1.55	−3.45	6.49	0.79	1.07	1.72	0.95	1.31	−15	+9	−5	−13	+5	−9	+5	−26	+20	−22	0	0.27
*32867		06 50 58.09	−24 23 53.8	8.94		H	102.742 050 27	−24.398 279 29		0.79	−1.44	4.71	0.57	0.78	1.21	0.71	0.97	+12	+5	−8	+18	−25	+17	−19	−11	+17	+31	0	0.46
32868		06 50 58.39	−17 51 16.7	8.15		H	102.743 293 96	−17.854 644 03		14.47	41.51	105.25	0.60	0.67	1.06	0.69	0.76	−16	+9	−18	−4	+33	−32	+28	−33	+25	−31	0	−0.23
32869	H	06 50 58.64	−28 42 26.5	8.12		H	102.744 342 74	−28.707 367 57	A	6.37	−10.90	9.43	0.93	0.99	1.24	1.06	1.16	−15	+13	−1	+15	+2	+8	+10	+0	+20	−1	2	−0.37
32870		06 50 59.05	−10 08 29.5	8.52		H	102.746 021 92	−10.141 539 06		0.14	−4.41	−1.07	0.85	0.71	1.06	0.96	0.82	−14	+34	−28	−18	−2	−3	+4	−27	+16	+18	0	0.02
32871		06 50 59.40	−56 14 24.1	8.66		H	102.747 484 05	−56.240 035 93	A	9.99	−27.54	37.84	3.34	3.16	2.71	3.53	3.18	−3	+21	+14	+17	−7	+8	−17	−23	−7	−31	17	2.49
32872	H	06 50 59.53	+05 50 32.6	6.97		G	102.748 042 24	+05.842 395 71	*	8.86	−37.05	−36.30	0.98	0.65	1.04	1.13	0.82	−13	+24	−6	−17	+11	−4	+16	−57	−14	+7	0	−0.27
32873		06 51 00.22	+25 53 42.3	9.02		H	102.750 910 13	+25.895 073 04		4.03	−17.99	−19.04	1.39	0.74	1.50	1.67	1.11	+6	+42	−14	−5	−4	+8	+8	−51	+22	+16	0	−0.58
32874		06 51 00.42	+25 45 39.0	6.98		H	102.751 759 13	+25.760 840 62		27.01	9.01	−197.73	1.00	0.55	1.04	1.20	0.80	+7	+38	−8	+8	+9	+9	+16	−38	+13	+13	0	0.19
32875		06 51 01.59	−19 35 13.7	8.13		H	102.756 608 41	−19.587 129 00		2.61	−5.20	2.30	0.63	0.64	1.13	0.83	0.81	+23	+10	+1	+35	+19	+2	+17	−20	+16	+17	0	−0.54
32876		06 51 02.36	−13 13 54.4	8.50		H	102.759 826 29	−13.231 769 97		1.47	−5.69	2.09	0.94	0.79	1.10	1.18	0.98	−21	+37	−25	−9	+6	−8	+4	−12	+3	−21	0	0.74
32877		06 51 03.98	+64 20 23.7	7.97		H	102.766 570 00	+64.339 917 72		7.46	−10.17	−59.37	0.71	0.67	0.93	0.92	0.67	+8	+23	−3	+16	+20	+10	+13	−20	−11	+10	0	0.26
32878		06 51 04.28	+48 03 14.0	9.76		H	102.767 832 10	+48.053 877 26		9.52	−54.71	−317.61	1.37	0.91	1.68	1.71	1.35	−15	+41	−18	−11	−10	+1	+4	−42	+26	+1	0	1.69
32879		06 51 05.06	+61 31 30.7	10.56		H	102.771 099 17	+61.525 196 40		15.18	−35.46	−9.14	1.64	1.52	2.27	1.98	2.10	+44	+39	+14	+35	+10	+4	+20	+44	+26	+22	3	0.22
32880		06 51 05.71	−34 16 35.9	7.91		H	102.773 771 16	−34.276 629 92		1.88	−3.32	11.93	0.54	0.63	0.81	0.67	0.82	+2	−11	−26	−6	−15	+26	−11	+29	−19	+8	0	0.94
32881		06 51 06.17	+68 13 05.4	7.84		H	102.775 723 86	+68.218 165 52		3.56	−4.07	−9.31	0.53	0.61	0.88	0.49	0.61	+8	+24	−2	−35	+7	−12	+7	−33	+0	+10	0	1.96
32882		06 51 06.29	−24 42 22.6	10.31		H	102.776 205 34	−24.706 275 23		2.23	−1.09	4.57	0.75	1.03	1.52	0.91	1.21	+15	+7	−3	+3	−22	+6	−20	−10	+9	+21	0	0.44
32883		06 51 07.10	−47 19 34.1	7.30		G	102.779 583 09	−47.326 150 47		5.66	−11.90	42.35	0.60	0.62	0.71	0.84	0.76	+6	−3	−8	+5	−6	+21	−11	−26	+23	−12	0	0.72
32884		06 51 07.91	−77 40 28.3	7.57		H	102.782 949 05	−77.674 525 51		6.98	−14.64	74.88	0.50	0.46	0.51	0.54	0.49	−8	+10	+12	+1	+2	+4	+0	−6	−8	−23	0	−1.19
32885		06 51 07.98	+21 25 41.9	8.97		H	102.783 236 07	+21.428 293 77		0.33	−3.85	−6.13	1.15	0.67	1.25	1.34	0.90	+8	+22	−25	−30	−21	+4	−11	−58	+30	+24	0	0.21
32886		06 51 08.28	−19 00 48.8	7.03		H	102.784 503 58	−19.013 555 46		10.16	−9.36	3.25	0.49	0.53	0.77	0.60	0.65	−15	+16	−20	−22	+42	−31	+40	−48	+22	−24	1	−0.77
32887	H	06 51 08.43	+54 25 09.0	7.92		G	102.785 139 31	+54.419 180 29	A	9.16	−5.30	−27.46	1.20	0.88	1.19	1.03	0.78	−33	+36	−30	+29	+14	−8	+9	−11	+14	−44	2	−0.93
*32888		06 51 10.40	+63 03 38.0	9.19		H	102.793 342 29	+63.060 552 21		10.63	26.19	−174.25	1.36	0.85	1.48	1.40	1.22	+22	+49	+10	+9	−13	−0	+3	−16	+30	+7	0	0.06
*32889		06 51 10.36	+62 13 47.1	8.66		H	102.793 171 37	+62.229 749 96		14.68	−26.90	−89.56	0.83	0.72	1.10	1.15	0.87	+15	+26	−8	+21	−6	+21	+4	−6	+24	+27	0	−0.91
32890		06 51 11.11	+58 25 03.7	7.95		H	102.796 297 98	+58.417 698 32		5.07	−3.28	−30.83	0.76	0.71	0.96	0.85	0.78	+7	+21	+12	+27	+27	−3	+18	−29	−7	−9	0	0.37
32891		06 51 11.73	+44 03 34.8	7.87		H	102.798 891 66	+44.059 658 11		6.06	9.47	−27.36	0.85	0.57	1.00	1.08	0.68	−17	+34	−8	+4	+0	−4	+5	−46	−6	+2	2	−0.62
32892	H	06 51 11.82	+40 29 43.1	8.94		H	102.799 267 37	+40.495 298 68	A	10.65	−0.80	17.47	2.22	1.57	2.44	2.64	1.73	−32	+34	−9	−6	−3	+15	+5	−49	−1	−14	1	0.50
32893		06 51 12.06	−10 05 06.5	7.12		H	102.800 252 66	−10.085 134 62		2.10	4.62	−14.78	0.73	0.55	0.86	0.79	0.63	+4	+35	−17	−21	−15	−1	−8	−34	+13	+24	0	2.21
32894		06 51 12.47	−29 34 33.3	9.04		G	102.801 960 93	−29.575 919 54		14.11	32.62	106.64	1.24	1.55	1.96	1.36	1.86	−7	+3	+0	+1	−4	−2	−4	−10	+13	−10	0	
32895		06 51 14.45	+10 42 07.8	9.33		H	102.810 218 01	+10.702 178 95		3.90	−2.40	−2.54	1.20	0.77	1.36	1.23	0.97	−10	+28	−28	−16	+6	−19	−1	−50	+25	−26	0	0.49
32896		06 51 14.88	+15 04 35.7	7.29	2	H	102.811 997 22	+15.076 580 83		3.51	21.34	−31.19	0.85	0.52	0.93	0.96	0.74	−12	+39	−9	+13	+9	−18	−1	−24	−4	−26	2	0.99
32897		06 51 15.66	−88 32 07.2	8.69		H	102.815 261 24	−88.535 332 93		15.94	−47.92	187.50	0.73	0.71	0.82	0.90	0.90	−13	+8	−7	−13	−8	+7	−5	−8	+20	−25	0	0.91
32898		06 51 16.02	+02 08 20.6	7.84		H	102.816 742 44	+02.139 069 17		3.87	−2.29	−14.82	0.73	0.50	0.94	0.81	0.61	−24	+31	−19	−20	−13	−14	−8	−35	+9	+17	0	−2.59
32899		06 51 17.40	+08 30 40.3	9.00		H	102.822 492 30	+08.511 195 86		0.65	−5.52	−1.29	1.07	0.69	1.20	1.25	0.94	−9	+32	−16	−9	−8	−12	−4	−44	+9	+4	0	−1.67
32900		06 51 18.47	+47 40 24.2	10.13	2	H	102.826 970 17	+47.673 399 90	*	10.05	0.78	−9.55	2.10	1.62	2.21	3.28	2.49	+47	+21	−12	−17	−12	+26	−13	−26	+44	+61	5	0.24

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
32801	6.664	0.004	6.621	0.005		0.030	0.001	G	0.05	0.00	H	6.6383	0.0008	0.008	138		6.63	6.66				1							S
32802	9.823	0.025	9.153	0.021		0.620	0.027	T	0.69	0.02	L	9.1965	0.0019	0.015	78		9.17	9.23				1							
32803	9.812	0.025	8.553	0.015		1.073	0.023	T	1.04	0.02	L	8.5903	0.0014	0.017	76		8.56	8.62		D		1							
32804	11.257	0.060	10.110	0.033		0.978	0.054	T	0.96	0.04	L	10.1761	0.0024	0.031	157		10.13	10.24				1							G
32805	11.044	0.056	9.786	0.031		0.939	0.004	G	0.99	0.00	I	9.9483	0.0035	0.025	106		9.90	9.99				1	S						
32806	9.618	0.024	8.668	0.018		0.790	0.020	G	0.83	0.02	H	8.7555	0.0020	0.021	98		8.71	8.80		C		1							
32807	7.464	0.007	7.572	0.011		−0.100	0.015	G	−0.08	0.02	H	7.5694	0.0010	0.008	90		7.55	7.58				1							S
32808	9.152	0.016	8.049	0.011		0.951	0.015	T	0.94	0.01	L	8.1136	0.0014	0.010	93		8.09	8.13		C		1							S
32809	7.616	0.006	5.939	0.003		1.435	0.001	G	1.37	0.04	E	5.9175	0.0008	0.008	106		5.90	5.93		C		1							S
32810	5.856	0.003	5.752	0.003		0.094	0.004	T	0.11	0.00	L	5.7596	0.0028	0.025	141		5.72	5.79	14.30	P 1 A	06504−3142	I 1	1						S
32811	8.051	0.016	8.156	0.025	*	−0.042	0.003	G	−0.02	0.00	H *	8.1436	0.0020	0.018	92	*	8.11	8.18		D	06504−1602	I 1	2 C	A	AB	356	3.264	0.017	2.83	0.09	
32812	11.083	0.067	10.002	0.041		0.942	0.015	G	0.99	0.02	I	10.0688	0.0032	0.023	107		10.03	10.11		C			1							G
32813	8.071	0.008	6.909	0.006		0.997	0.008	T	0.98	0.01	L	6.9623	0.0009	0.007	102		6.95	6.98		C			1							S
32814	7.426	0.008	5.837	0.004		1.329	0.004	G	1.20	0.04	E	5.8629	0.0012	0.006	74		5.85	5.87		C			1							S
32815	8.140	0.009	8.002	0.010		0.133	0.013	T	0.15	0.01	L	8.0183	0.0047	0.046	83		7.93	8.10		U 2			1	S						S P
32816	10.238	0.026	10.104	0.035		0.121	0.040	T	0.14	0.04	L	10.1080	0.0030	0.037	185		10.06	10.17					1	S						G
32817	9.020	0.009	8.462	0.009		0.522	0.011	T	0.59	0.01	L	8.5210	0.0012	0.015	207		8.50	8.55					1							
32818	9.561	0.022	8.991	0.021		0.490	0.015	G	0.56	0.02	H	9.0456	0.0017	0.013	73		9.02	9.07		C			1							
32819	10.333	0.036	9.910	0.038		0.440	0.020	G	0.51	0.02	H	9.9639	0.0027	0.025	89		9.92	10.01					1							G
32820	8.670	0.010	8.716	0.013		−0.039	0.014	T	−0.02	0.01	L	8.7208	0.0012	0.017	110		8.70	8.74		C			1							
32821	10.288	0.027	8.661	0.013		1.362	0.024	T	1.33	0.03	L	8.6817	0.0013	0.015	122		8.65	8.71		C			1							
32822	9.478	0.020	7.908	0.010		1.317	0.018	T	1.28	0.02	L	7.9480	0.0014	0.011	92		7.93	7.97		C			1							
32823	9.195	0.011	9.324	0.016		−0.111	0.017	T	−0.10	0.02	L	9.3174	0.0021	0.022	193		9.28	9.36		C			1							
32824	8.382	0.011	8.312	0.013		0.069	0.016	T	0.08	0.02	L	8.3371	0.0014	0.013	87		8.32	8.35		C			1							S
32825											T	12.0580	0.0077	0.065	95		11.93	12.17					1							D
32826	10.676	0.038	9.292	0.019		1.171	0.033	T	1.13	0.03	L	9.3279	0.0023	0.021	120		9.29	9.37					1							
32827	6.074	0.002	6.287	0.003		−0.183	0.002	G	−0.19	0.00	H	6.2593	0.0009	0.009	196		6.25	6.28					1							S
32828	11.009	0.049	9.774	0.026		1.054	0.043	T	1.02	0.04	L	9.8285	0.0015	0.020	122		9.79	9.87		D			1							
32829	8.615	0.011	8.485	0.013		0.126	0.016	T	0.14	0.02	L	8.5109	0.0015	0.011	99		8.49	8.53		C			1							
32830	8.266	0.010	7.253	0.006		0.884	0.009	T	0.89	0.01	L	7.3133	0.0011	0.011	135		7.30	7.33					1							S
32831						0.728	0.126	G	0.78	0.09	R	8.7574	0.0024	0.016	60		8.73	8.78		C			1							
32832	10.549	0.054	9.302	0.031		1.064	0.049	T	1.03	0.04	L	9.3053	0.0028	0.020	90		9.28	9.34					1							
32833	9.693	0.015	9.203	0.015		0.461	0.019	T	0.53	0.02	L	9.2859	0.0019	0.023	184		9.25	9.33					1							
32834	10.925	0.069	10.269	0.061		0.609	0.078	T	0.68	0.07	L	10.2702	0.0035	0.022	75		10.23	10.31		C			1							G
32835	10.646	0.050	9.085	0.022		1.310	0.043	T	1.27	0.04	L	9.1498	0.0023	0.015	77		9.13	9.17					1							
32836	9.359	0.016	9.283	0.021		0.068	0.024	T	0.08	0.03	L	9.2759	0.0019	0.021	171		9.24	9.32		C			1	S						
32837	9.404	0.015	8.938	0.015		0.452	0.017	T	0.52	0.02	L	9.0335	0.0019	0.015	106		9.01	9.07		C			1							
32838	6.343	0.004	6.309	0.005		0.011	0.006	G	0.03	0.01	H	6.3167	0.0012	0.012	85		6.30	6.34	2.98	P 1 A			1							S P
32839	6.752	0.005	6.854	0.007		−0.085	0.015	G	−0.07	0.02	H	6.8497	0.0022	0.016	85		6.83	6.89	1.14	P 1 A			1							S
32840	11.380	0.086	10.425	0.060		0.841	0.078	T	0.88	0.08	L	10.2947	0.0032	0.031	109		10.25	10.34					1							G
32841	7.466	0.005	7.574	0.007		−0.105	0.007	G	−0.09	0.01	H	7.5606	0.0013	0.016	162		7.54	7.59					1							S
32842	8.804	0.010	8.061	0.009		0.665	0.010	T	0.73	0.01	L	8.1151	0.0016	0.017	148		8.09	8.14					1							S
32843	9.418	0.015	8.242	0.010		1.008	0.014	T	0.98	0.01	L	8.3110	0.0018	0.015	128		8.28	8.34		C			1							
32844	6.619	0.005	5.123	0.003		1.256	0.010	G	1.23	0.06	F	5.1485	0.0006	0.005	82		5.14	5.16			06508+4147	I 1	1							S
32845	11.448	0.100	10.773	0.091	A	0.657	0.126	G	0.72	0.11	R *	10.4202	0.0351	0.165	72	*	10.31	10.71	0.36	P 1 A	06508+2927	H 1	2 C	A	AB	26	6.377	0.025	1.16	0.08	G
32846	10.365	0.030	9.096	0.018		1.081	0.027	T	1.04	0.02	L	9.1777	0.0022	0.018	103		9.15	9.21					1							
32847	10.850	0.043	9.068	0.016		1.484	0.036	T	1.50	0.05	L	9.0655	0.0025	0.023	148		9.03	9.10					1	S						
32848	9.229	0.017	9.028	0.020	*	0.192	0.024	T	0.21	0.03	L *	9.0206	0.0019	0.018	80	*	9.00	9.05		D	06508−1041	I 1	2 C	A	AB	11	0.402	0.003	0.10	0.03	
32849	8.735	0.010	8.813	0.014		−0.060	0.015	G	0.00	0.01	L	8.8141	0.0018	0.019	113		8.79	8.85					1							
32850	10.717	0.036	10.339	0.039		0.358	0.049	T	0.42	0.05	L	10.3946	0.0028	0.036	160		10.28	10.46		U			1							G
32851	6.234	0.003	5.820	0.004		0.396	0.007	G	0.46	0.01	H	5.8655	0.0006	0.005	98		5.86	5.88		C	06508−0032	I 1	1							S
32852	10.089	0.030	8.176	0.012		1.550	0.020	G	1.62	0.03	H	8.1012	0.0015	0.015	78		8.08	8.13		C			1							
32853	9.532	0.016	9.077	0.016		0.429	0.021	T	0.50	0.02	L	9.0945	0.0015	0.022	140		9.06	9.15					1							
32854											T	11.0842	0.0644	0.284	81		10.83	11.50	8.70	P 1 A			1							G
32855	6.801	0.004	5.149	0.002		1.379	0.002	G	1.28	0.02	A	5.1659	0.0006	0.005	132		5.16	5.17		C			1							S
32856	6.934	0.004	7.136	0.005		−0.168	0.003	G	−0.17	0.00	H	7.1062	0.0011	0.014	180		7.09	7.14		U 2 C			1							S
32857	10.245	0.032	9.881	0.038		0.345	0.046	T	0.40	0.06	L	9.9108	0.0028	0.020	76		9.87	9.94		C			1							G
32858	8.988	0.014	7.893	0.010		0.946	0.013	T	0.94	0.01	L	7.9301	0.0013	0.010	77		7.91	7.95		C			1							S
32859	8.030	0.009	8.056	0.012		−0.019	0.014	T	0.00	0.01	L	8.0604	0.0016	0.013	71		8.01	8.08					1							
32860	10.135	0.028	9.304	0.021		0.732	0.027	T	0.78	0.02	L	9.3909	0.0018	0.018	94		9.35	9.41					1							
32861	8.972	0.010	9.034	0.014		−0.053	0.015	T	−0.03	0.01	L	9.0351	0.0016	0.021	216		9.00	9.07					1							
32862	11.559	0.100	10.966	0.100		0.574	0.072	G	0.65	0.07	R	10.9805	0.0046	0.032	68		10.93	11.03		C			1							G
32863	11.020	0.046	9.496	0.021		1.281	0.040	T	1.24	0.04	L	9.5128	0.0017	0.020	130		9.47	9.54		C			1							
32864	4.935	0.001	5.109	0.002		−0.152	0.002	T	−0.15	0.00	L	5.0838	0.0006	0.006	212		5.08	5.09		C			1							S
32865	9.611	0.020	8.958	0.018	B	0.606	0.023	T	0.68	0.02	L	8.9572	0.0220			B				D	06510−5614	I 2	1 C I A							
32866	10.143	0.019	9.866	0.022		0.264	0.027	T	0.30	0.03	L	9.8681	0.0027	0.039	247		9.80	9.93					1	S						G
32867	8.730	0.007	8.917	0.011		−0.153	0.001	G	−0.15	0.00	H	8.8900	0.0019	0.023	217		8.86	8.93					1							
32868	8.909	0.010	8.210	0.008		0.632	0.010	T	0.70	0.01	L	8.2848	0.0015	0.017	168		8.26	8.33					1							S
32869	8.298	0.009	8.192	0.010	*	0.096	0.012	T	0.11	0.01	L *	8.1562	0.0015	0.014	141	*	8.13	8.18		D	06510−2842	I 1	2 C	A	AB	124	0.943	0.005	1.61	0.02	S
32870	8.538	0.013	8.508	0.016		0.032	0.019	T	0.05	0.01	L	8.5413	0.0013	0.014	87		8.51	8.56		D	06510−1009	I 1	1	S						
32871	9.309	0.016	8.707	0.015	A	0.560	0.016	T	0.63	0.01	L	8.7842	0.0203	0.124	101	A	8.66	9.09		D	06510−5614	I 2	1 C P A							
32872	7.528	0.009	7.012	0.007	*	0.506	0.001	G	0.58	0.00	H *	7.0752	0.0013	0.009	65	*	7.06	7.09		C	06510+0551	H 1	2 C S A		AB	161	0.111	0.008	0.21	0.64	S
32873	9.333	0.021	9.004	0.022		0.312	0.028	T	0.36	0.04	L	9.0940	0.0024	0.017	78		9.07	9.12		C			1							
32874	7.697	0.007	7.051	0.007		0.600	0.009	T	0.67	0.01	L	7.1084	0.0011	0.008	85		7.09	7.13		C			1							S
32875	9.287	0.012	8.226	0.009		0.920	0.011	T	0.92	0.01	L	8.2937	0.0014	0.017	164		8.26	8.32					1							
32876	8.478	0.013	8.484	0.016		0.082	0.015	G	0.09	0.02	H	8.5301	0.0035	0.020	75		8.50	8.57					1							
32877	8.269	0.010	8.002	0.011		0.254	0.014	T	0.29	0.02	L	8.0462	0.0016	0.013	89		8.03	8.07		C			1							S
32878	10.821	0.060	9.843	0.038		0.858	0.053	T	0.87	0.04	L	9.9080	0.0024	0.018	66		9.88	9.96					1							
32879	11.876	0.123	10.710	0.066		1.000	0.109	T	0.98	0.09	L	10.7198	0.0037	0.036	117		10.64	10.78		C			1							G
32880	9.710	0.018	8.065	0.009		1.376	0.016	T	1.35	0.02	L	8.0566	0.0015	0.013	126		8.03	8.08		C			1							
32881	9.260	0.012	7.943	0.007		1.118	0.011	T	1.08	0.01	L	8.0041	0.0012	0.015	188		7.98	8.04					1							
32882	10.194	0.022	10.293	0.037		−0.085	0.039	T	−0.07	0.05	L	10.2882	0.0027	0.034	210		10.24	10.34					1	S						G
32883	8.780	0.014	7.448	0.008		1.150	0.015	G	1.11	0.01	H	7.4743	0.0012	0.010	85		7.45	7.50					1							S
32884	7.829	0.007	7.599	0.007		0.219	0.009	T	0.24	0.01	L	7.6405	0.0011	0.011	122		7.62	7.66		C			1							S
32885	9.089	0.022	8.987	0.027		0.099	0.033	T	0.11	0.04	L	9.0105	0.0015	0.011	67		8.98	9.03					1							
32886	7.266	0.004	7.048	0.005		0.208	0.006	T	0.23	0.01	L	7.0945	0.0009	0.011	184		7.08	7.11		C			1							S
32887	8.557	0.012	8.018	0.011	*	0.505	0.015	G	0.58	0.02	H *	8.0233	0.0010	0.009	93	*	7.99	8.05		D	06511+5425	M 1	2 C	A	AB	93	1.053	0.007	1.98	0.02	S
32888	9.999	0.029	9.308	0.025		0.638	0.031	T	0.70	0.03	L	9.3296	0.0024	0.020	84		9.30	9.36		C			1 G							
32889	9.421	0.017	8.748	0.015		0.623	0.019	T	0.69	0.02	L	8.7932	0.0022	0.018	104		8.76	8.83		C			1							
32890	8.107	0.010	7.962	0.012		0.140	0.015	T	0.15	0.01	L	8.0060	0.0015	0.011	74		7.99	8.03		C			1							S
32891	8.121	0.012	7.926	0.013		0.398	0.015	G	0.46	0.02	H	7.9642	0.0017	0.011	69		7.95	7.98		C			1							S
32892	9.656	0.033	8.873	0.025	*	0.711	0.032	T	0.77	0.03	L *	9.0776	0.0024	0.020	88	*	9.04	9.11		D	06512+4030	I 1	2 C	A	AB	308	5.641	0.010	1.47	0.02	
32893	9.102	0.017	7.296	0.008		1.503	0.015	T	1.53	0.02	L	7.2397	0.0009	0.009	83		7.23	7.26			06512−1005	I 1	1	S						S
32894	9.800	0.019	9.110	0.017		0.630	0.012	G	0.67	0.02	A	9.1713	0.0018	0.021	138		9.13	9.21					1 X							
32895	9.226	0.019	9.280	0.026		−0.045	0.029	T	−0.02	0.03	L	9.3181	0.0036	0.022	85		9.29	9.35					1							
32896	9.395	0.023	7.521	0.010		1.557	0.020	T	1.57	0.02	L	7.4074	0.0037	0.022	71		7.37	7.44		U 2			1							S
32897	9.427	0.016	8.759	0.014		0.608	0.016	T	0.68	0.01	L	8.8215	0.0017	0.020	124		8.79	8.85					1							
32898	8.039	0.007	7.851	0.007		0.180	0.009	T	0.20	0.01	L	7.8975	0.0012	0.011	140		7.88	7.92		C			1							
32899	9.061	0.017	8.981	0.021		0.079	0.025	T	0.09	0.03	L	9.0369	0.0015	0.016	80		9.01	9.07		C			1							
32900	11.068	0.064	10.120	0.043		0.822	0.060	T	0.84	0.04	L	10.2765	0.0054	0.027	63		10.23	10.32		P 1 A			1 V							G

Number HIP 1 2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5 6 7		Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9 10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) 19 20 21 22 23 24 25 26 27 28	Soln F1 % 29	F2 30
32901	06 51 18.53	−03 30 49.6	7.23	H	102.827 223 92	−03.513 768 67	2.39	−6.26	−2.13	0.74	0.55	0.87	0.83	0.71	+12 +26 − 3 −33 −14 −20 −21 −35 −20 +10	0	−0.30
32902	06 51 19.65	−20 40 47.4	9.86	H	102.831 855 11	−20.679 820 78	1.75	−0.98	0.48	0.94	0.94	1.42	1.21	1.15	+13 + 1 − 6 + 6 + 3 − 9 − 2 −35 +10 + 1	1	1.24
32903	06 51 21.12	+32 09 33.5	8.22	H	102.837 987 64	+32.159 305 71	7.62	1.74	−7.46	1.04	0.62	1.14	1.31	0.76	+ 5 +26 −16 + 9 − 6 +12 + 8 −43 +14 +31	0	1.99
32904	06 51 21.73	−36 28 32.3	9.57	H	102.840 560 30	−36.475 636 77	7.40	5.36	24.67	0.77	0.93	1.06	0.80	1.21	+ 5 + 2 − 9 + 2 − 1 +13 − 1 − 8 −21 − 4	3	1.13
*32905	06 51 21.95	−32 11 01.3	7.55	H	102.841 452 30	−32.183 684 22	6.66	5.27	5.16	0.48	0.53	0.66	0.62	0.70	+ 7 + 9 − 4 +13 − 1 + 0 − 5 +29 − 6 +25	0	−0.19
*32906	06 51 21.90	+23 21 50.1	7.93	H	102.841 270 51	+23.363 920 28	12.77	−32.98	−55.09	1.03	0.56	1.12	1.22	0.86	− 8 +43 − 1 +11 + 5 −12 + 6 −34 +14 −20	0	0.61
32907	06 51 22.63	−46 48 58.5	8.72	H	102.844 290 53	−46.816 243 79	2.32	3.02	11.88	0.76	0.79	0.87	1.06	1.20	+ 3 − 9 − 8 −23 − 2 +19 + 0 −14 − 8 − 1	0	−0.36
32908	06 51 23.37	−18 02 48.1	8.22	H	102.847 390 39	−18.046 704 31	5.21	−10.89	−14.01	0.70	0.68	1.02	0.84	0.87	−14 +37 −23 + 9 +42 −22 +46 −31 +17 + 3	0	0.26
32909	06 51 25.16	−23 38 47.9	8.24	H	102.854 821 94	−23.646 651 56	3.53	−4.15	−9.59	0.56	0.74	1.19	0.62	0.93	+13 + 4 − 9 +36 −28 +22 −19 −10 +22 +37	0	−0.51
32910	06 51 25.99	−40 33 01.0	7.45	G	102.858 285 85	−40.550 268 15	4.69	−7.46	−7.54	0.48	0.54	0.62	0.51	0.72	− 3 + 4 − 7 + 8 − 3 +12 − 3 + 0 +11 − 5	0	−0.38
32911	06 51 26.42	−25 22 09.7	8.79	H	102.860 067 57	−25.369 352 52	3.49	−1.87	3.68	0.53	0.71	1.02	0.62	0.91	+ 4 +20 +10 +11 − 6 + 6 − 5 + 2 + 2 +13	0	0.00
32912	06 51 26.98	−70 57 48.5	5.41	H	102.862 412 94	−70.963 473 36	5.84	4.02	25.56	0.45	0.38	0.45	0.47	0.44	+ 0 +24 + 9 −31 + 6 + 0 +10 − 2 + 8 −10	2	0.57
32913	06 51 27.67	−49 17 36.6	7.58	H	102.865 272 31	−49.293 512 44	6.29	−4.23	4.04	0.53	0.58	0.62	0.56	0.66	−13 +27 − 8 + 3 + 4 − 2 + 6 − 9 +15 −21	0	−1.16
32914	06 51 27.75	−87 58 59.7	11.43	H													
32915 H	06 51 27.85	−01 22 15.9	10.29	3 H	102.866 040 14	−01.371 091 53 A	−0.80	−23.07	−10.10	11.25	7.41	8.34	10.30	7.84	−37 −22 + 1 −77 +26 +22 +26 −76 − 5 −20	12	3.85
32916	06 51 30.49	+40 52 05.0	8.10	G	102.877 039 24	+40.868 054 98	24.55	34.96	−122.85	0.98	0.59	1.14	1.18	0.79	−21 +39 −19 + 3 −10 −12 − 4 −30 +15 − 9	0	−0.50
32917	06 51 30.63	−59 42 34.6	9.12	H	102.877 618 44	−59.709 599 56	7.53	34.31	21.76	0.75	0.75	0.80	0.82	0.94	− 8 −16 + 8 + 5 + 0 −16 + 1 + 1 + 2 −15	0	1.31
32918	06 51 32.56	−48 17 33.8	6.42	G	102.885 680 11	−48.292 729 06	4.69	18.97	−10.41	0.49	0.56	0.56	0.54	0.67	− 4 + 2 − 7 −25 + 4 + 4 + 3 −32 +13 −21	0	1.77
32919	06 51 32.60	+47 22 10.2	8.95	H	102.885 854 12	+47.369 503 10	53.12	−247.10	−692.77	1.10	0.72	1.23	1.38	1.03	+12 +30 −11 −21 −23 + 3 −15 −43 +19 +23	0	0.44
32920	06 51 32.75	−29 22 30.2	8.09	H	102.886 475 64	−29.375 053 32	2.98	−2.48	12.15	0.58	0.69	0.90	0.74	0.91	−12 − 6 +10 + 3 + 1 + 4 + 0 − 8 +14 −10	1	0.04
32921	06 51 33.05	+21 45 40.4	5.28	H	102.887 707 33	+21.761 231 62	6.16	−6.11	−34.48	0.80	0.44	0.85	0.84	0.52	− 9 +38 −12 +19 + 2 − 8 +15 −27 + 7 +21	0	0.03
32922	06 51 33.13	+26 39 47.1	9.17	H	102.888 046 19	+26.663 078 24	5.35	6.66	−23.68	1.44	0.85	1.62	2.36	1.36	+22 + 7 −25 − 4 −26 +35 − 5 −52 +36 +55	0	−0.17
32923	06 51 33.40	−06 57 59.5	6.58	2 H	102.889 171 45	−06.966 523 74	3.46	−4.62	4.95	0.71	0.51	0.80	0.69	0.56	+11 +39 −15 −32 −17 −13 −17 −34 + 3 +22	0	1.13
32924	06 51 33.54	−58 19 41.9	8.36	G	102.889 738 15	−58.328 293 05	0.99	−0.75	9.07	0.58	0.64	0.64	0.71	0.82	−15 − 5 +15 +19 − 3 −13 − 7 − 9 + 6 −31	0	−1.76
32925	06 51 33.93	+13 37 02.2	9.16	H	102.891 369 46	+13.617 265 10	−1.65	−1.49	−1.82	1.40	0.72	1.55	1.34	1.08	−23 +60 −25 −15 + 1 −24 −13 −34 + 4 −32	0	2.80
32926	06 51 35.79	+09 26 24.5	6.84	H	102.899 134 12	+09.440 127 98	4.52	9.08	−19.34	0.84	0.52	0.94	0.76	0.60	− 5 +55 − 9 −22 − 8 −25 −17 −34 −16 + 8	0	0.06
32927	06 51 36.28	+02 39 04.0	7.29	H	102.901 174 89	+02.651 106 55	7.16	14.56	−47.61	0.73	0.47	0.87	0.73	0.54	− 2 +37 − 1 −35 −18 −14 −18 −39 − 4 +24	2	−0.58
32928	06 51 36.89	+00 25 07.7	8.65	G	102.903 703 14	+00.418 815 29	1.97	−1.11	−2.63	0.97	0.65	1.11	1.01	0.79	−12 +35 − 8 −34 − 6 − 3 − 5 −46 + 4 − 4	0	0.43
32929 H	06 51 37.43	−26 32 06.6	7.68	H	102.905 943 57	−26.535 157 69 *	3.95	−6.98	−1.48	0.68	1.14	0.94	0.61	0.81	− 1 + 7 + 6 +12 −14 −25 −19 + 9 −19 + 1	2	0.20
32930	06 51 37.98	−38 12 54.1	7.89	G	102.908 240 76	−38.215 021 57	2.07	−4.73	9.58	0.55	0.58	0.72	0.66	0.67	+11 + 7 −13 − 2 − 2 +24 + 1 + 0 − 4 +10	0	−1.97
32931	06 51 39.37	+03 02 31.4	6.37	G	102.914 058 12	+03.042 063 33	10.95	4.19	−29.65	0.67	0.43	0.76	0.67	0.48	+ 1 +36 −15 −39 −21 − 9 −19 −44 + 3 +30	0	0.66
32932	06 51 39.50	−12 42 48.2	8.71	H	102.914 601 00	−12.713 400 42	3.91	−10.86	7.47	1.01	0.82	1.10	1.29	1.08	−28 +24 −15 −26 +21 −10 +20 −32 + 0 −25	0	1.32
32933	06 51 40.37	+05 45 18.0	9.61	H	102.918 208 09	+05.754 997 28	22.01	−235.89	−117.62	1.84	1.32	2.07	1.95	1.68	−23 +24 + 8 −23 +22 −14 +18 −58 −28 −17	2	0.23
32934	06 51 40.60	+00 19 36.4	9.13	G	102.919 171 81	+00.326 774 41	0.84	−4.00	−3.98	1.07	0.72	1.27	1.11	0.88	− 9 +42 − 8 −32 −10 − 4 − 9 −45 + 2 + 1	0	−0.87
32935	06 51 41.13	−44 18 22.9	8.12	H	102.921 368 83	−44.306 352 36	8.19	122.81	152.86	0.60	0.60	0.68	0.63	0.72	− 6 − 4 − 5 + 4 − 7 + 0 − 6 +21 − 4 −13	0	−1.00
32936	06 51 41.22	−02 24 09.8	6.64	G	102.921 735 07	−02.402 715 89	3.46	1.91	2.73	0.67	0.51	0.82	0.67	0.59	− 9 +32 − 6 −32 + 2 −17 − 1 −41 −15 +13	0	1.70
32937	06 51 41.35	−23 48 10.4	7.57	1 H	102.922 300 83	−23.802 896 97	1.72	−1.32	1.63	0.46	0.59	0.94	0.51	0.75	+ 6 + 3 + 0 +42 −29 +19 −21 − 3 +25 +33	0	−1.09
32938	06 51 42.45	−36 13 48.5	5.94	H	102.926 874 29	−36.230 126 00	18.14	−40.47	−59.14	0.41	0.44	0.53	0.44	0.54	+ 4 + 8 −10 − 1 − 7 +14 − 7 − 4 − 7 + 5	0	0.51
32939	06 51 42.63	−43 53 14.0	10.06	H	102.927 605 34	−43.887 228 84	39.19	55.68	−27.10	0.87	0.91	1.01	0.98	1.12	− 9 − 2 − 4 + 5 − 6 + 1 − 6 + 7 + 3 −16	0	−1.65
32940	06 51 42.82	+00 33 05.2	10.56	G	102.928 424 78	+00.551 446 38	2.39	−2.97	−2.77	1.56	1.05	1.84	1.71	1.40	−15 +33 − 5 −34 − 3 −14 − 7 −40 + 3 −22	4	1.66
32941	06 51 43.32	−64 01 48.5	9.63	H	102.930 479 37	−64.030 129 58	5.37	1.80	17.42	0.82	0.85	0.88	0.90	0.90	+ 2 +19 +21 +21 −10 +15 −16 − 8 + 2 −14	0	0.26
32942 H	06 51 43.54	+25 02 53.5	8.92	H	102.931 421 56	+25.048 180 79 *	3.78	−26.68	−29.59	1.35	0.80	1.44	1.80	1.33	−20 +32 − 7 − 8 +26 − 2 +29 −57 +17 −24	2	2.20
32943	06 51 44.27	+38 35 03.3	9.82	H	102.934 467 95	+38.584 240 28	1.22	1.17	−1.21	1.32	0.81	1.57	1.49	1.03	−13 +44 −14 −16 −15 − 5 − 8 −49 +12 − 6	2	0.26
32944	06 51 44.64	−54 22 35.2	8.48	H	102.935 980 19	−54.376 440 94	2.13	8.36	−16.05	0.79	0.72	0.81	0.86	0.85	− 4 − 6 − 6 −16 − 3 +13 − 2 −14 − 3 −17	1	−0.12
32945	06 51 45.60	+69 02 28.5	9.75	G	102.940 005 18	+69.041 255 32	20.14	−16.95	−207.24	0.97	1.22	1.74	1.18	1.44	+ 2 + 4 −11 +17 − 0 −18 + 0 + 4 +14 + 7	1	2.13
32946	06 51 45.74	+17 40 25.6	7.87	2 H	102.940 563 75	+17.673 776 43	2.15	−2.70	−14.45	0.91	0.53	1.00	1.21	0.73	+ 3 +24 − 1 +11 + 1 −29 +15 −36 −23 +44	0	−0.33
32947	06 51 45.75	+05 05 03.9	6.91	1 H	102.940 638 99	+05.084 410 60	−0.26	−0.40	−1.52	0.82	0.51	0.93	0.88	0.62	−11 +44 −23 −17 + 5 −24 + 0 −32 −12 +22	2	−0.36
32948	06 51 47.28	+86 41 04.5	6.59	H	102.946 989 42	+86.684 597 03	7.51	0.12	−105.18	0.45	0.47	0.55	0.49	0.57	+ 9 +13 − 9 + 4 + 0 + 9 + 1 +14 + 7 +19	0	0.68
32949	06 51 47.83	+46 29 59.8	7.41	H	102.949 276 45	+46.499 948 14	2.86	−9.35	0.22	0.76	0.53	0.88	1.00	0.66	−16 +21 −21 − 3 − 2 − 8 + 1 −29 +12 − 3	2	−0.52
32950	06 51 48.98	−65 37 10.6	8.54	H	102.954 089 91	−65.619 601 90	1.19	−3.46	9.05	0.60	0.61	0.63	0.62	0.72	+ 2 + 8 + 6 + 4 − 6 − 3 − 6 +11 − 6 −12	3	0.20
32951	06 51 49.12	−43 06 04.6	8.27	H	102.954 646 92	−43.101 274 01	8.04	12.62	6.80	0.65	0.67	0.78	0.73	0.87	− 4 + 7 −12 + 7 + 1 − 0 + 2 −16 +17 − 9	1	0.91
32952 H	06 51 49.38	−26 34 54.4	7.59	H	102.955 756 80	−26.581 783 61 A	2.88	−1.26	5.03	0.77	0.85	1.10	0.78	0.95	− 3 + 0 + 5 +19 − 3 −13 − 6 + 3 − 5 + 5	1	0.10
32953	06 51 49.40	−69 24 57.4	8.64	2 H	102.955 815 00	−69.415 957 68	2.44	−6.00	20.93	0.70	0.68	0.71	0.74	0.79	− 3 + 7 + 0 −11 −12 + 9 −13 −15 + 4 − 5	0	0.14
32954	06 51 50.65	+43 40 07.5	8.35	G	102.961 034 79	+43.668 754 56	5.45	1.23	−33.76	0.91	0.60	1.04	1.16	0.72	+ 1 +27 + 8 +11 − 7 + 1 − 7 −36 −11 + 6	0	1.06
32955	06 51 50.96	+41 34 34.1	7.85	G	102.962 312 82	+41.576 128 89	14.98	−71.34	73.18	0.90	0.53	1.01	1.08	0.76	+ 4 +39 − 3 −11 −22 −10 −25 −40 − 1 − 2	0	−1.37
32956 H	06 51 51.06	+20 20 08.1	8.33	H	102.962 754 53	+20.335 580 45 A	3.90	26.20	−14.56	2.55	1.54	2.18	2.92	1.78	+13 −15 −11 −47 −10 − 3 −17 −58 +22 + 0	1	2.07
32957	06 51 51.82	−02 10 33.7	6.86	G	102.965 927 83	−02.176 033 29	1.45	−1.19	−0.42	0.73	0.53	0.85	0.71	0.61	−17 +33 − 8 −40 + 5 −17 + 3 −50 −18 +10	2	1.24
32958	06 51 52.40	+16 36 47.3	8.05	H	102.968 325 76	+16.613 152 03	2.78	−4.63	0.04	0.89	0.56	0.98	0.92	0.66	−11 +40 − 9 − 9 +18 −22 +13 −43 − 8 − 5	0	0.31
32959	06 51 53.38	+26 24 01.3	7.96	H	102.972 410 18	+26.400 359 37	8.22	−0.20	−54.89	1.08	0.63	1.19	1.36	0.97	+ 5 +25 − 4 − 1 + 2 +16 + 5 −44 +17 + 1	0	−0.58
32960	06 51 53.95	+06 36 24.5	7.44	G	102.974 794 82	+06.606 799 53	4.71	7.47	3.07	0.91	0.63	0.99	0.95	0.78	+12 +31 + 9 −27 − 9 −15 −17 −53 −26 +10	3	1.75
32961	06 51 55.15	−22 18 12.9	7.58	H	102.979 774 71	−22.303 592 75	4.84	−1.87	−5.88	0.47	0.61	0.99	0.62	0.82	− 5 +18 + 0 − 1 − 2 − 4 + 3 −14 +26 − 5	0	0.25
32962	06 51 55.87	+10 48 01.8	7.65	H	102.982 786 50	+10.800 500 71	11.56	−77.11	38.36	0.88	0.55	1.00	0.95	0.71	− 7 +32 −19 −15 + 2 −25 − 1 −42 +16 −14	0	−0.56
32963	06 51 56.55	−17 14 43.4	8.30	G	102.985 642 20	−17.245 387 21	3.22	−11.48	0.23	0.66	0.74	0.99	0.89	0.95	−43 +30 −37 + 1 +38 −21 +32 −26 + 6 −38	0	0.13
32964	06 51 58.21	+25 39 46.7	6.75	H	102.992 527 55	+25.662 979 57	7.18	−13.16	6.88	0.92	0.51	1.01	1.13	0.78	− 2 +36 −11 + 4 + 6 + 0 +13 −41 +21 + 0	0	1.02
32965	06 51 59.23	−01 38 40.4	8.99	H	102.996 799 86	−01.644 554 10	3.47	−4.81	−0.15	1.41	1.06	1.42	1.41	1.31	−53 +24 − 2 −61 +41 −17 +38 −67 −18 −32	0	−1.39
32966 H	06 51 59.63	+51 59 26.6	8.10	H	102.998 452 60	+51.990 728 44 A	3.18	2.62	−4.89	5.16	1.87	1.42	1.56	1.05	+ 5 + 8 −21 − 4 + 6 +10 + 6 −30 +20 +18	0	−0.20
32967	06 51 59.98	+57 08 56.6	7.95	H	102.999 926 60	+57.149 056 15	15.08	−21.85	4.45	0.84	0.69	1.02	0.97	0.70	+ 2 +17 + 5 +33 +30 + 4 +20 − 4 −12 −11	0	0.44
32968	06 52 00.01	+23 36 06.3	5.68	H	103.000 048 86	+23.601 742 56	6.36	−39.29	−10.11	0.86	0.48	0.92	0.98	0.71	+ 1 +45 +15 +10 +19 + 4 +10 −43 − 9 −17	2	0.86
32969	06 52 01.41	+12 14 27.4	8.50	H	103.005 877 49	+12.240 949 95	2.21	−6.39	−5.10	0.97	0.62	1.07	1.17	0.81	+ 0 +35 −20 − 5 −13 − 3 − 4 −34 + 0 +39	0	0.27
32970	06 52 02.07	−33 54 56.6	7.21	H	103.008 636 83	−33.915 726 91	21.16	−69.02	68.52	0.49	0.50	0.68	0.59	0.65	+ 9 − 2 −15 +12 − 7 +26 − 4 +15 −16 +14	0	0.83
32971	06 52 02.42	−11 12 16.3	7.41	H	103.010 067 86	−11.204 535 83	30.26	−57.13	13.88	2.04	1.62	2.17	2.52	1.90	−21 +14 −11 −40 +14 +12 +16 −47 + 3 − 3	4	
32972	06 52 04.69	−27 58 45.5	8.95	H	103.019 528 36	−27.979 306 13	1.86	−20.50	15.25	0.77	0.85	1.20	1.02	1.07	+ 6 − 9 + 7 +13 −12 + 2 −14 + 0 +23 + 3	1	−0.80
32973	06 52 05.44	+27 31 22.0	9.26	H	103.022 672 47	+27.522 780 60	6.37	−21.35	6.82	1.60	0.79	1.53	2.07	1.13	+ 6 +36 −28 +48 +22 + 2 +47 − 9 +22 +54	0	−0.21
32974	06 52 09.04	+04 05 13.3	9.55	G	103.037 684 37	+04.087 014 20	−0.20	−2.06	−2.99	1.32	0.81	1.41	1.44	1.03	+ 0 +41 −21 −40 −15 −30 −21 −34 + 4 + 9	0	0.71
32975	06 52 09.57	−07 07 44.4	9.63	G	103.039 866 09	−07.129 010 18	1.25	−2.40	1.82	1.23	0.87	1.41	1.23	1.03	− 2 +45 − 9 −31 −10 −15 −12 −30 − 2 − 2	0	−0.82
32976	06 52 09.64	−30 25 37.3	7.99	G	103.040 178 39	−30.427 035 17	4.99	−2.25	47.92	0.51	0.62	0.78	0.55	0.81	− 1 + 5 + 3 +27 − 1 +15 − 3 +23 − 4 + 5	0	−1.80
32977	06 52 10.36	−00 17 43.9	8.33	H	103.043 164 30	−00.295 533 62	1.38	−0.36	−1.21	0.98	0.71	1.08	0.96	0.80	−16 +25 − 2 −46 +13 − 2 + 6 −55 −19 −18	2	0.23
32978	06 52 10.84	−56 30 57.4	9.03	H	103.045 170 62	−56.515 941 91	7.16	−8.97	−57.06	0.90	0.87	0.93	0.99	1.01	− 3 +13 + 7 +31 − 9 +10 −18 −10 − 2 −23	1	1.46
32979	06 52 12.15	−05 38 43.4	7.28	H	103.050 612 40	−05.645 393 22	1.93	−3.07	−1.77	0.73	0.53	0.85	0.77	0.60	+ 0 +28 −27 −38 −15 − 8 −14 −35 +16 +14	2	0.65
32980	06 52 12.96	−56 30 30.8	8.18	H	103.054 002 91	−56.508 557 21	8.16	−10.41	−58.40	0.70	0.60	0.67	0.80	0.74	− 4 +15 + 6 +37 − 8 + 8 −15 − 3 + 1 −21	0	0.11
32981	06 52 13.50	−15 12 31.8	8.55	H	103.056 259 72	−15.208 841 97	2.88	6.07	7.67	0.88	0.83	1.06	0.95	0.92	− 4 +10 −35 −28 −10 −13 −16 −14 − 2 −14	0	0.51
32982	06 52 13.80	+77 13 30.7	7.78	H	103.057 487 51	+77.225 181 74	5.79	−3.24	−21.15	0.46	0.51	0.68	0.46	0.54	+11 +18 + 2 + 4 + 4 − 2 + 5 − 6 + 2 +15	0	−0.10
32983	06 52 16.34	+18 17 31.5	10.30	2 H	103.068 068 69	+18.292 097 05	−0.84	0.41	−0.28	1.71	0.92	1.80	1.88	1.20	+ 9 +46 + 1 − 7 − 8 −16 − 1 −42 − 4 +29	2	1.90
32984	06 52 18.37	−05 10 25.3	6.58	H	103.076 537 38	−05.173 705 08	114.94	−544.41	−3.30	0.72	0.54	0.86	0.79	0.61	−10 +26 −37 −34 − 6 − 7 − 2 −39 +25 − 8	0	2.95
32985	06 52 19.80	−32 00 52.1	7.72	H	103.082 488 81	−32.014 464 87	5.26	−1.05	14.66	0.51	0.56	0.72	0.67	0.76	+ 6 + 6 + 4 +20 + 0 + 0 − 2 +29 − 2 +20	0	0.51
32986 H	06 52 19.90	−35 17 26.4	8.38	H	103.082 918 56	−35.290 657 80 A	2.27	−18.17	16.69	1.57	1.63	1.81	1.70	1.78	−13 +16 +11 +21 + 6 +16 + 1 − 6 −26 − 3	2	0.93
32987	06 52 20.04	+50 40 26.4	8.57	H	103.083 509 31	+50.673 988 23	6.70	−34.19	−9.40	0.95	0.69	1.07	1.15	0.77	−11 +36 −15 −23 + 4 + 9 + 9 −40 + 8 + 9	0	−1.00
32988	06 52 21.71	−16 23 02.6	9.68	2 H	103.090 458 37	−16.384 043 02	1.73	−0.75	3.53	1.23	1.44	1.80	1.33	1.21	+10 +14 −59 −50 −15 − 8 −17 −42 +21 + 7	0	1.78
32989	06 52 22.32	+01 00 37.3	7.89	H	103.092 986 69	+01.010 366 68	2.03	−0.84	−3.71	0.81	0.59	1.02	0.87	0.70	−16 +33 −33 −28 −16 + 4 − 5 −49 +24 +11	0	0.57
32990	06 52 22.87	−05 18 58.5	6.30	G	103.095 308 58	−05.316 243 93	6.84	−22.04	−13.70	0.71	0.53	0.84	0.72	0.56	−10 +26 −34 −36 − 6 + 0 + 0 −42 +23 + 9	0	1.41
32991	06 52 23.71	−46 02 52.8	8.34	H	103.098 799 69	−46.047 999 11	9.37	19.62	26.61	0.66	0.63	0.74	0.84	0.79	+ 1 + 6 − 6 − 6 − 6 +16 − 4 + 0 + 9 − 1	0	−0.40
32992	06 52 24.41	−38 37 03.5	8.29	H	103.101 707 06	−38.617 647 07	6.79	−14.47	12.00	0.65	0.65	0.79	0.88	0.74	+10 +10 − 7 + 7 −13 +21 −11 − 1 − 8 + 2	3	−0.07
32993	06 52 24.85	+07 53 46.8	7.60	G	103.103 552 54	+07.896 325 95	9.41	3.14	−57.25	0.82	0.59	0.92	0.91	0.79	−18 +31 − 8 −22 +16 −16 + 7 −46 −12 −24	0	−1.41
32994	06 52 25.07	−37 51 02.4	8.65	H	103.104 457 14	−37.850 655 07	13.17	12.13	20.68	0.60	0.70	0.84	0.68	0.84	− 2 +10 − 7 − 1 + 6 +25 + 8 − 7 − 8 − 1	0	−1.05
32995	06 52 26.24	−66 49 34.7	9.19	H	103.109 347 64	−66.826 293 87	8.91	41.19	−62.54	0.65	0.66	0.72	0.47	0.76	+ 2 +27 + 7 −65 − 7 −19 + 0 + 4 + 1 −13	2	−1.05
32996	06 52 27.87	−45 02 55.9	8.85	H	103.116 109 61	−45.048 855 10	12.73	48.23	8.24	0.70	0.72	0.80	0.75	0.99	+ 4 +16 − 7 + 1 − 1 − 7 + 0 +30 − 9 − 4	0	−1.28
32997	06 52 28.78	+05 08 57.0	8.95	H	103.119 906 82	+05.149 178 73	−0.45	−1.52	−0.28	1.22	0.86	1.37	1.35	1.11	−15 +22 + 5 −31 +14 −12 +10 −53 −28 − 7	0	0.70
32998	06 52 28.82	−03 03 49.0	8.25	H	103.120 084 74	−03.063 603 22	1.73	0.52	−4.31	0.93	0.67	1.08	0.97	0.85	+12 +30 − 5 −41 −17 −26 −20 −50 −20 +34	0	−0.78
32999 H	06 52 29.01	+32 47 45.6	9.11	H	103.120 856 51	+32.795 994 97 *	6.09	−5.41	−33.81	2.65	1.55	1.80	1.96	1.22	−19 +23 + 0 − 4 +13 +24 +27 −52 + 5 −14	1	0.11
33000	06 52 29.54	+49 56 07.2	8.98	H	103.123 081 20	+49.935 329 47	6.51	−21.20	−16.95	0.98	0.74	1.13	1.19	0.80	−29 +29 −22 −17 + 2 +10 +14 −46 +15 − 1	0	1.01

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
32901	7.149	0.006	7.218	0.008		−0.062	0.015	G	−0.04	0.01	H	7.2171	0.0011	0.011	92		7.20	7.24				1							S
32902	9.876	0.018	9.820	0.025		0.056	0.029	T	0.07	0.02	L	9.8806	0.0026	0.028	159		9.82	9.94				1							G
32903	8.295	0.009	8.224	0.011		0.070	0.013	T	0.08	0.01	L	8.2522	0.0014	0.012	79		8.23	8.27				1							S
32904	10.310	0.029	9.669	0.027		0.589	0.029	T	0.66	0.03	L	9.6951	0.0028	0.022	126		9.65	9.73		C		1							
32905	7.633	0.006	7.560	0.007		0.057	0.002	G	0.07	0.00	H	7.5782	0.0009	0.010	135		7.56	7.59		C		1							S
32906	8.487	0.012	7.962	0.013		0.493	0.016	T	0.57	0.02	L	8.0337	0.0016	0.010	71		8.01	8.05		C		1							
32907	10.949	0.065	8.946	0.022		1.660	0.055	T	1.68	0.06	L	8.8324	0.0020	0.016	89		8.81	8.85		C		1							
32908	8.441	0.008	8.241	0.009		0.191	0.011	T	0.21	0.01	L	8.2809	0.0017	0.017	171		8.25	8.32		C		1 G							
32909	10.099	0.018	8.391	0.008		1.426	0.016	T	1.41	0.03	L	8.3759	0.0015	0.019	226		8.35	8.40				1							
32910	7.382	0.005	7.449	0.006		−0.050	0.000	G	−0.03	0.00	H	7.4407	0.0011	0.011	130		7.42	7.46		C		1							S
32911	8.610	0.008	8.761	0.011		−0.134	0.015	G	−0.13	0.02	H	8.7488	0.0021	0.020	181		8.72	8.79				1							
32912	5.263	0.002	5.382	0.003		−0.110	0.002	G	−0.09	0.00	H	5.3734	0.0005	0.005	117		5.37	5.38		C		1							S
32913	7.691	0.006	7.595	0.009		0.087	0.010	T	0.10	0.01	L	7.6176	0.0010	0.010	99		7.60	7.64		C		1							S
32914						1.010	0.015	G	1.05	0.02	I	11.5759	0.0077	0.075	118		11.45	11.72				S							G G
32915											T *	10.4372	0.0828	0.468	91	*	9.87	10.94	32.66	P 1 A	06515−0122 M 1	2 C C	AB	81	6.141	0.029	1.46	0.13	G
32916	9.017	0.016	8.175	0.013		0.729	0.015	G	0.78	0.01	H	8.2432	0.0020	0.013	93		8.22	8.27		C		1							S
32917	10.091	0.022	9.207	0.017		0.773	0.021	T	0.81	0.01	L	9.2652	0.0019	0.018	111		9.23	9.29		C		1							
32918	7.968	0.008	6.547	0.004		1.207	0.004	G	1.14	0.04	E	6.5813	0.0011	0.008	103		6.57	6.59				1							S
32919	10.527	0.050	9.089	0.025		1.232	0.004	G	1.39	0.00	I	9.0709	0.0023	0.014	64		9.05	9.09		C		1							
32920	9.281	0.013	8.180	0.009		0.950	0.012	T	0.94	0.01	L	8.2524	0.0015	0.015	142		8.23	8.28				1							
32921	5.278	0.003	5.266	0.003		−0.020	0.000	G	0.00	0.00	H	5.2794	0.0004	0.004	74		5.27	5.29		C	06516+2146 I 1	1							S
32922	9.786	0.028	9.223	0.026		0.527	0.034	T	0.60	0.04	L	9.2831	0.0023	0.016	66		9.25	9.30				1							
32923	6.612	0.005	6.585	0.007		0.030	0.008	T	0.05	0.01	L	6.5972	0.0061	0.036	82		6.55	6.65		U 2		1							S P
32924	8.284	0.009	8.354	0.012		−0.045	0.002	G	−0.02	0.00	H	8.3478	0.0014	0.012	101		8.32	8.38		C		1							
32925	9.069	0.017	9.176	0.025		0.000	0.020	G	0.02	0.02	H	9.1710	0.0022	0.016	64		9.13	9.19		C		1							
32926	8.617	0.011	6.988	0.006		1.363	0.010	T	1.33	0.01	L	6.9907	0.0012	0.008	93		6.97	7.01		C		1							S
32927	7.848	0.007	7.345	0.007		0.490	0.007	G	0.56	0.01	H	7.3970	0.0010	0.010	137		7.38	7.41		C		1							S
32928	8.577	0.011	8.650	0.015		−0.042	0.011	G	−0.02	0.01	H	8.6442	0.0017	0.014	110		8.62	8.67		C		1							D
32929	7.782	0.006	7.686	0.009	*	0.094	0.010	T	0.11	0.01	L *	7.7134	0.0010	0.013	182	*	7.69	7.74		D	06516−2632 H 1	2 C A	AB	279	0.211	0.004	1.16	0.09	S
32930	7.775	0.007	7.884	0.012		−0.099	0.011	G	−0.08	0.01	H	7.8571	0.0013	0.010	100		7.84	7.88		C		1							S
32931	6.440	0.003	6.373	0.004		0.052	0.004	G	0.06	0.00	H	6.3962	0.0006	0.005	118		6.39	6.41				1							S
32932	10.631	0.057	8.863	0.023		1.160	0.040	G	1.12	0.04	R	8.8732	0.0019	0.015	66		8.84	8.89				1							
32933	10.738	0.070	9.592	0.040		0.977	0.064	T	1.02	0.06	L	9.7450	0.0028	0.022	59		9.70	9.77		C		1							G
32934	9.131	0.015	9.084	0.020		0.081	0.046	G	0.09	0.05	H	9.1464	0.0024	0.017	102		9.12	9.17				1							G
32935	9.310	0.014	8.235	0.010		0.941	0.002	G	0.99	0.00	I	8.2858	0.0013	0.014	124		8.26	8.31		C	06517−4418 I 1	1							
32936	8.472	0.013	6.810	0.006		1.380	0.015	G	1.35	0.02	I	6.7962	0.0010	0.008	97		6.78	6.81		C		1							S
32937	7.550	0.005	7.564	0.006		−0.008	0.007	T	0.01	0.01	L	7.5796	0.0018	0.023	240		7.54	7.61	7.88	P 1 A		1							S
32938	6.172	0.003	5.967	0.004		0.183	0.006	G	0.20	0.01	H	6.0046	0.0007	0.006	122		5.99	6.02				1							S
32939	11.783	0.106	10.288	0.043		1.086	0.020	G	1.05	0.02	I	10.1992	0.0024	0.028	126		10.16	10.24		C		1							G
32940	10.453	0.040	10.503	0.068		−0.009	0.008	G	0.01	0.01	H	10.5933	0.0041	0.031	102		10.55	10.64				1							D
32941	10.093	0.024	9.642	0.024		0.425	0.031	T	0.49	0.03	L	9.7235	0.0027	0.023	111		9.67	9.76				1							
32942	9.574	0.025	8.999	0.023	*	0.537	0.030	T	0.61	0.03	L *	9.0412	0.0021	0.018	71	*	9.01	9.07		D	06517+2503 I 1	2 C S A	AB	344	0.133	0.008	0.51	0.50	
32943	10.249	0.028	9.805	0.029		0.419	0.037	T	0.49	0.04	L	9.9123	0.0021	0.023	116		9.87	9.95		C		1							G
32944	10.319	0.038	8.669	0.017		1.380	0.033	T	1.35	0.04	L	8.6321	0.0022	0.021	82		8.60	8.66				1							
32945	11.088	0.063	9.967	0.043		1.088	0.003	G	1.16	0.00	I	9.8864	0.0035	0.038	171		9.82	9.96		C		1 G							
32946	10.000	0.027	8.077	0.011		1.596	0.023	T	1.62	0.02	L	7.9816	0.0028	0.020	79		7.96	8.03		U 2		1							
32947	6.928	0.007	6.920	0.007		0.008	0.009	T	0.03	0.01	L	6.9234	0.0014	0.013	73		6.89	6.94		U 2		1							S
32948	8.115	0.008	6.723	0.004		1.177	0.007	T	1.14	0.01	L	6.7604	0.0007	0.007	132		6.75	6.77		C		1							S
32949	8.720	0.013	7.515	0.008		1.050	0.015	G	1.02	0.01	H	7.5750	0.0012	0.011	83		7.55	7.60		C		1							S
32950	8.481	0.010	8.525	0.013		−0.036	0.015	T	−0.01	0.01	L	8.5374	0.0017	0.015	107		8.51	8.56		C		1							
32951	9.047	0.014	8.345	0.012		0.634	0.014	T	0.70	0.01	L	8.4072	0.0013	0.015	115		8.38	8.43				1 G							
32952	7.271	0.008	7.434	0.010	*	−0.140	0.011	T	−0.13	0.01	L *	7.5404	0.0014	0.017	180	*	7.52	7.57		R	06518−2635 I 1	2 C A	AB	38	1.757	0.003	1.35	0.02	S
32953	10.769	0.044	8.845	0.016		1.631	0.039	T	2.08	0.10	O	8.7156	0.0038	0.035	89		8.67	8.78		U 2		1							
32954	8.807	0.014	8.388	0.014		0.398	0.015	G	0.46	0.02	H	8.4406	0.0013	0.011	80		8.42	8.46		C		1							
32955	8.349	0.013	7.891	0.011		0.439	0.028	G	0.51	0.03	H	7.9502	0.0014	0.010	83		7.93	7.97		C		1							S
32956	9.715	0.024	8.487	0.015	A						T *	8.4957	0.0021	0.011	67	*	8.48	8.52		C	06518+2020 I 1	2 C B	AB	205	5.772	0.048	3.48	0.12	
32957	7.463	0.007	6.908	0.006		0.520	0.008	T	0.58	0.03	C	6.9662	0.0011	0.007	97		6.95	6.98		C		1							S
32958	7.922	0.009	8.045	0.012		−0.089	0.002	G	−0.07	0.00	H	8.0286	0.0013	0.011	81		8.01	8.05		C		1							
32959	8.257	0.012	7.971	0.011		0.272	0.015	T	0.31	0.02	L	8.0324	0.0018	0.012	72		8.01	8.05		C		1							S
32960	8.747	0.013	7.537	0.009		1.035	0.012	T	1.01	0.01	L	7.6170	0.0011	0.008	75		7.60	7.63		C		1							S
32961	8.813	0.009	7.679	0.006		0.976	0.008	T	0.96	0.01	L	7.7413	0.0010	0.016	210		7.71	7.77				1							S
32962	8.365	0.013	7.725	0.011		0.588	0.013	T	0.66	0.01	L	7.7797	0.0017	0.012	84		7.76	7.79				1							S
32963	8.230	0.009	8.291	0.011		−0.051	0.001	G	−0.03	0.00	H	8.2799	0.0015	0.014	117		8.26	8.30		C		1 G							
32964	6.948	0.005	6.779	0.006		0.162	0.007	T	0.18	0.01	L	6.8046	0.0009	0.007	81		6.79	6.82		C		1							S
32965	9.036	0.013	9.000	0.017		0.033	0.019	T	0.05	0.01	L	9.0108	0.0022	0.016	83		8.99	9.05		C		1							
32966	9.920	0.028	8.220	0.013	*	1.420	0.024	T	1.40	0.04	L *	8.2361	0.0015	0.014	72	*	8.21	8.26		D	06520+5159 H 1	2 C A	AB	263	0.333	0.024	2.54	0.27	
32967	8.540	0.012	8.003	0.011		0.515	0.015	G	0.59	0.02	H	8.0609	0.0020	0.013	69		8.04	8.08				1							S
32968	7.606	0.008	5.846	0.005		1.467	0.007	T	1.48	0.01	L	5.8119	0.0010	0.006	71		5.80	5.83		C		1							S
32969	8.462	0.011	8.497	0.014		−0.027	0.016	T	−0.01	0.02	L	8.5025	0.0019	0.011	72		8.47	8.52		C		1							
32970	7.958	0.009	7.282	0.006		0.614	0.008	T	0.68	0.01	L	7.3379	0.0011	0.010	132		7.32	7.36				1							S
32971	8.301	0.013	7.505	0.008		0.721	0.012	T	0.77	0.01	L	7.5543	0.0012	0.013	77		7.54	7.59				1 X							S
32972	10.251	0.022	9.061	0.014		1.019	0.020	T	0.99	0.02	L	9.1223	0.0020	0.023	164		9.08	9.17				1							
32973	9.634	0.030	9.297	0.032		0.320	0.041	T	0.37	0.06	L	9.3366	0.0028	0.019	56		9.31	9.38		C		1							
32974	9.526	0.022	9.482	0.029		0.010	0.020	G	0.03	0.02	H	9.5699	0.0026	0.017	70		9.54	9.60		C		1							G
32975	9.689	0.026	9.597	0.032		0.080	0.020	G	0.09	0.02	H	9.6517	0.0025	0.020	81		9.62	9.69		C		1							G
32976	8.358	0.007	7.999	0.008		0.327	0.015	G	0.38	0.02	H	8.0676	0.0011	0.013	149		8.04	8.09				1							S
32977	8.373	0.009	8.365	0.011		0.030	0.012	G	0.15	0.02	A	8.3841	0.0018	0.018	97		8.35	8.42				1							
32978	9.760	0.028	9.031	0.023		0.500	0.600	G	0.68	0.04	L	9.1584	0.0032	0.027	107		9.11	9.20		D	06522−5631 I 2	1							
32979	7.195	0.006	7.266	0.007		−0.060	0.008	T	−0.04	0.01	L	7.2631	0.0009	0.008	91		7.25	7.28		C		1							S
32980	8.901	0.014	8.219	0.012		0.665	0.107	G	0.69	0.03	L	8.3130	0.0015	0.017	109		8.29	8.34		D	06522−5631 I 2	1							S
32981	9.866	0.024	8.675	0.015		1.020	0.022	T	0.99	0.02	L	8.7201	0.0017	0.016	85		8.69	8.75		C		1							
32982	7.942	0.006	7.790	0.007		0.146	0.009	T	0.16	0.01	L	7.8273	0.0013	0.016	177		7.80	7.85				1							S
32983	10.389	0.038	10.198	0.049		0.183	0.058	T	0.20	0.07	L	10.3632	0.0048	0.041	77		10.27	10.42		U		1							G
32984	7.969	0.009	6.706	0.005		1.071	0.008	T	1.04	0.01	L	6.7196	0.0008	0.007	87		6.71	6.73		C	06523−0511 I 1	1							S
32985	7.988	0.007	7.763	0.008		0.209	0.011	T	0.23	0.01	L	7.7892	0.0011	0.011	138		7.77	7.81				1							S
32986	8.492	0.009	8.283	0.013	*	0.200	0.015	T	0.22	0.02	L *	8.4422	0.0014	0.016	126	*	8.42	8.47		D	06523−3517 I 1	2 C A	AB	107	2.778	0.004	0.11	0.02	
32987	9.014	0.014	8.623	0.015		0.370	0.019	T	0.43	0.02	L	8.6581	0.0014	0.017	70		8.62	8.68				1							
32988	9.615	0.021	9.655	0.030		−0.032	0.033	T	−0.01	0.03	L	9.6746	0.0050	0.036	81		9.62	9.75		U		1 S							G
32989	9.475	0.017	8.002	0.009		1.241	0.015	T	1.20	0.01	L	8.0426	0.0011	0.011	99		8.02	8.08				1							
32990	7.519	0.007	6.399	0.005		0.977	0.009	G	0.88	0.04	E	6.4592	0.0009	0.007	85		6.45	6.47		C		1							S
32991	9.101	0.014	8.407	0.012		0.636	0.011	G	0.68	0.02	A	8.4696	0.0012	0.015	120		8.45	8.49		C		1							
32992	8.445	0.011	8.303	0.012		0.129	0.015	T	0.14	0.01	L	8.3398	0.0015	0.013	101		8.32	8.36		C	06524−3837 I 1	1							S
32993	8.167	0.008	7.652	0.008		0.491	0.015	G	0.56	0.02	H	7.7136	0.0008	0.009	80		7.70	7.73		D		1							S
32994	9.510	0.019	8.733	0.016		0.691	0.019	T	0.75	0.02	L	8.7854	0.0017	0.013	103		8.76	8.81		C		1							
32995	9.981	0.020	9.237	0.017		0.666	0.020	T	0.73	0.02	L	9.3211	0.0013	0.014	112		9.29	9.35				1							
32996	9.484	0.016	8.914	0.015		0.567	0.005	G	0.62	0.02	A	8.9743	0.0017	0.015	114		8.95	9.00		C		1							
32997	9.369	0.021	8.989	0.021		0.360	0.028	T	0.42	0.03	L	9.0392	0.0023	0.017	61		9.01	9.06		C		1							
32998	8.235	0.009	8.245	0.011		−0.004	0.013	T	0.02	0.01	L	8.2529	0.0018	0.012	84		8.23	8.27		C		1							
32999	9.629	0.027	9.169	0.027	*	0.434	0.035	T	0.50	0.04	L *	9.2114	0.0022	0.019	72	*	9.18	9.24		D	06525+3248 M 1	2 C A	AB	313	0.243	0.010	0.56	0.16	
33000	9.480	0.022	9.020	0.021		0.434	0.028	T	0.50	0.03	L	9.0816	0.0022	0.018	74		9.05	9.12		C		1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Std. Err. $\alpha*$ mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Corr. (%) $\delta/\alpha*$ (19)	$\pi/\alpha*$ (20)	π/δ (21)	$\mu_{\alpha*}/\alpha*$ (22)	$\mu_{\alpha*}/\delta$ (23)	$\mu_{\alpha*}/\pi$ (24)	$\mu_\delta/\alpha*$ (25)	μ_δ/δ (26)	μ_δ/π (27)	$\mu_\delta/\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
33001		06 52 35.20	+42 37 10.1	8.27		H	103.146 666 95	+42.619 474 16		3.44	−0.64	−4.86	0.84	0.59	1.04	1.07	0.73	−11	+18	−17	+4	−15	+3	−6	−36	+24	+0	0	1.04
33002		06 52 36.31	+39 55 44.2	7.05		H	103.151 282 52	+39.928 944 79		3.66	8.88	−0.46	0.80	0.51	0.93	1.02	0.66	+4	+26	−22	+0	−28	+13	−15	−40	+17	+26	2	2.53
33003		06 52 36.74	−70 30 36.9	7.14	1	H	103.153 094 57	−70.510 243 15		3.06	−0.87	42.34	0.55	0.44	0.52	0.54	0.50	−4	+23	+6	−50	+12	+2	+15	−13	+12	−5	1	0.09
33004		06 52 38.90	−03 11 13.8	9.42		H	103.162 097 10	−03.187 169 63		8.63	86.95	−110.15	5.49	4.39	6.43	6.01	5.20	−11	+17	−7	−35	−1	−8	−2	−54	−13	+0	0	
33005		06 52 39.01	+07 49 20.0	7.47		H	103.162 522 74	+07.822 226 09		1.33	−3.02	−0.98	0.76	0.56	0.85	0.90	0.76	−12	+22	−9	−11	+16	−16	+10	−41	−12	−14	0	−0.96
33006		06 52 39.64	−42 30 15.8	6.52		H	103.165 146 50	−42.504 398 93		8.75	−13.51	−7.71	0.45	0.53	0.58	0.49	0.63	−9	+6	−23	+2	+7	−12	+4	−17	+17	−20	0	1.21
33007		06 52 40.71	−21 11 03.4	7.46		G	103.169 625 45	−21.184 287 96		1.16	−3.69	5.26	0.43	0.54	0.86	0.56	0.68	−4	+8	+3	−7	+8	−10	+7	−27	+15	−16	0	−0.79
*33008		06 52 41.20	−26 06 59.8	7.02		H	103.171 647 07	−26.116 608 86		1.44	−0.88	1.76	0.43	0.55	0.77	0.51	0.65	+13	+11	+10	−4	−17	−3	−17	−1	+3	+10	2	−1.43
*33009		06 52 41.06	+78 05 18.6	8.31		G	103.171 100 52	+78.088 487 42		5.84	1.79	−34.84	0.52	0.57	0.72	0.57	0.64	+13	+15	+5	+5	+6	+10	+6	+5	+4	+18	0	1.04
33010		06 52 42.45	−64 42 28.3	9.22		H	103.176 870 54	−64.707 854 46		1.58	−1.12	−10.59	0.73	0.77	0.78	0.83	0.95	−5	+2	+6	+1	−7	+3	−8	−18	−10	−3	0	−0.82
*33011	H	06 52 45.08	+24 58 06.9	9.03		H	103.187 823 26	+24.968 586 03	A	6.94	−8.38	−61.71	4.62	2.86	3.61	4.83	2.98	+23	+24	−15	+3	−4	+21	+14	−30	+22	+46	2	−0.83
*33012		06 52 45.44	−59 20 28.6	6.41		H	103.189 336 79	−59.341 287 72		6.94	−14.82	38.22	0.44	0.46	0.47	0.50	0.56	−10	+1	+10	+15	−9	−11	−7	+5	−1	−15	0	0.06
*33013		06 52 46.00	−16 12 44.1	7.14		H	103.191 649 73	−16.212 244 16		1.67	−5.47	2.84	0.74	0.65	0.89	0.91	0.71	+9	+11	−37	−34	−16	−13	−14	−28	+29	−13	0	1.64
*33014		06 52 46.17	−02 27 29.6	11.00	2	H	103.192 381 39	−02.458 229 90		−0.77	−0.71	−1.94	2.32	1.60	2.69	2.20	1.98	−19	+41	+0	−50	+6	−27	+0	−54	−27	+15	0	−0.50
*33015		06 52 47.14	−43 58 32.2	6.47		G	103.196 402 31	−43.975 606 89		7.69	2.36	5.37	0.47	0.54	0.55	0.50	1.33	−10	−2	−9	+7	−9	+4	−9	+30	−29	−12	1	−1.34
*33016		06 52 47.03	−54 05 25.3	6.56		H	103.195 939 50	−54.090 356 38		2.36	−3.52	8.72	0.53	0.47	0.55	0.58	0.53	−1	+5	+1	−14	−6	+2	−4	+2	−10	−18	0	0.18
*33017		06 52 47.06	−41 11 09.4	9.56		H	103.196 070 53	−41.185 953 65		0.99	14.32	−8.78	0.95	1.18	1.22	0.96	1.35	−13	+4	+9	−2	−2	−8	−1	+3	+13	−23	1	2.10
*33018		06 52 47.34	+33 57 40.9	3.60		G	103.197 250 30	+33.961 369 85		16.59	−2.66	−47.67	0.84	0.43	0.85	0.98	0.54	+8	+44	−12	+24	+6	−3	+17	−24	−3	+43	0	0.24
*33019		06 52 47.60	−23 02 49.4	7.85		G	103.198 342 21	−23.047 045 45		2.06	−2.28	6.78	0.51	0.61	0.92	0.67	0.80	−2	+3	−9	−8	−1	−11	−1	−19	+30	−8	0	−0.49
*33020	H	06 52 48.16	−21 43 03.4	11.26		G	103.200 647 74	−21.717 612 79	A	17.75	70.71	−50.60	3.48	5.34	7.77	3.84	6.61	−23	+5	+1	−21	+10	−1	+15	−21	+6	−25	1	0.56
*33021		06 52 44.89	+78 12 09.8	10.97	2	H	103.187 026 01	+78.202 732 79		8.77	−59.73	−209.16	3.27	3.56	2.51	3.52	3.98	+21	+8	+13	−82	−18	+9	−20	−85	−7	+18	2	0.59
33022	H	06 52 48.42	+47 12 19.0	8.01		G	103.201 734 49	+47.205 276 49	A	8.25	7.74	−25.98	1.61	1.11	1.66	1.85	1.37	−1	+20	−13	−22	−9	−7	−5	−39	+20	−6	3	0.47
33023		06 52 49.22	−40 41 35.2	7.66		H	103.205 063 91	−40.693 101 04		3.65	−7.35	0.84	0.54	0.58	0.68	0.58	0.67	−4	+10	−13	+14	−5	+14	−5	−6	+0	−8	0	−0.55
33024		06 52 49.49	+08 22 49.6	5.75		H	103.206 197 30	+08.380 448 41		15.98	−32.90	−30.86	0.65	0.45	0.75	0.69	0.51	+0	+32	−19	−2	−7	−23	−10	−22	−4	+18	0	−0.40
33025		06 52 50.51	−38 39 07.9	9.34		H	103.210 469 80	−38.652 198 06		12.46	−19.97	−70.71	0.88	0.89	1.09	1.18	1.10	+5	+13	+0	+3	−7	+16	−8	+1	−13	+4	1	0.81
33026		06 52 50.73	+20 22 27.7	8.94		H	103.211 383 99	+20.374 353 71		3.82	−3.43	−2.68	1.34	0.80	1.33	2.04	1.13	+25	−5	−3	−43	−36	−23	−28	−66	−11	+52	0	−0.44
33027		06 52 54.29	+25 45 51.8	7.89		G	103.226 196 01	+25.764 380 40		9.32	−13.67	−9.00	1.09	0.61	1.17	1.27	0.93	−12	+41	−8	+4	+14	+5	+18	−44	+13	−14	0	1.48
33028		06 52 54.54	−48 21 42.0	10.02		H	103.227 242 06	−48.361 657 32		7.71	−27.98	119.36	0.93	1.18	1.11	1.01	1.42	−11	+8	+0	−25	+11	−3	+11	−26	+3	−27	0	1.50
33029		06 52 54.69	−12 09 16.3	7.13		G	103.227 875 08	−12.154 533 03		5.23	−3.70	3.08	0.74	0.57	0.85	0.93	0.73	−15	+30	−17	−9	+1	−14	+3	−13	+14	−17	0	1.07
*33030		06 52 54.93	+55 40 47.6	8.05		G	103.228 866 20	+55.679 885 45		6.30	−19.27	−12.86	0.93	0.69	1.08	1.01	0.74	−17	+28	+7	+32	+29	+12	+24	−25	+4	−27	0	0.85
*33031		06 52 54.91	+05 53 38.0	9.66		G	103.228 796 07	+05.893 877 20		1.23	−2.58	−1.27	1.37	1.03	1.71	1.64	1.34	−2	+9	+9	−4	+5	−25	+9	−41	−39	+19	0	1.66
33032		06 52 56.71	+33 41 05.0	8.14		H	103.236 302 97	+33.684 733 31		1.71	−4.11	−17.04	0.99	0.56	1.06	1.17	0.72	+0	+43	−3	+4	+1	+3	+11	−40	+5	+24	2	0.76
33033		06 52 57.99	−39 01 15.8	9.02		H	103.241 611 66	−39.021 062 93		10.31	56.59	112.16	0.72	0.76	0.91	0.83	0.98	−1	+3	−6	−6	−8	+13	−9	+7	−19	+1	0	0.12
33034		06 52 58.29	−60 47 10.7	10.86		G	103.242 865 11	−60.786 307 82		8.45	−25.00	205.86	1.28	1.21	1.32	1.57	1.54	+0	+1	+17	+19	+0	+15	−3	+11	+4	−9	3	0.96
33035		06 52 58.47	−21 50 07.0	8.57		H	103.243 616 76	−21.835 285 28		−0.29	−0.98	4.63	0.54	0.67	1.05	0.69	0.90	−10	+12	−6	−17	+3	−8	+5	−19	+22	−19	1	−3.22
33036		06 52 59.30	+02 44 36.6	7.09		H	103.247 103 33	+02.743 486 95		1.17	−4.18	1.01	0.67	0.43	0.84	0.75	0.54	−23	+35	−23	−30	−9	−3	−2	−39	+14	+19	0	0.83
33037		06 52 59.50	−23 06 28.4	8.99		H	103.247 919 55	−23.107 886 77		31.61	219.51	75.72	0.73	0.89	1.37	0.98	1.16	−1	+5	−9	−7	−1	−6	+1	−23	+31	−2	0	−1.51
33038		06 52 59.66	−42 37 39.3	7.23		G	103.248 586 43	−42.627 578 10		1.80	−16.86	3.20	0.52	0.57	0.65	0.55	0.70	−5	+4	−24	+4	+3	−8	+0	−15	+19	−16	0	2.86
33039		06 52 59.76	+15 37 30.2	8.60		H	103.248 989 55	+15.625 043 39		1.97	17.28	−1.03	0.98	0.63	1.08	1.08	0.79	−1	+30	−13	+8	+6	−22	−1	−25	+1	−9	0	0.02
33040		06 53 00.31	−26 57 26.9	6.33	2	H	103.251 276 57	−26.957 473 44		3.93	−9.40	−65.27	0.43	0.49	0.69	0.52	0.57	+10	+6	+1	+1	−15	+1	−13	+0	+14	+4	1	1.56
33041		06 53 01.41	+38 52 08.9	6.10	1	H	103.255 886 12	+38.869 139 68		6.15	−3.40	7.20	0.67	0.39	0.79	0.76	0.49	−11	+41	+3	+2	−11	−21	−8	−30	+2	−11	0	−0.59
33042		06 53 01.97	−31 46 50.7	10.56	2	H	103.258 214 14	−31.780 756 48		0.76	−10.46	5.81	1.23	1.39	1.81	1.58	2.06	−2	+3	+12	+8	+5	−9	+7	+14	+4	−3	3	−0.69
33043		06 53 02.76	+74 08 12.9	7.51		H	103.261 485 77	+74.136 906 34		3.90	1.39	5.85	0.48	0.54	0.72	0.56	0.59	+16	+6	+13	+1	+0	+12	−2	−12	+0	+17	0	−0.23
33044		06 53 03.54	+35 47 16.8	6.03		H	103.264 751 64	+35.788 008 35		4.67	−1.62	−5.44	0.91	0.55	0.96	1.38	0.92	+24	+20	−23	−18	−42	+28	−25	−57	+33	+49	0	2.42
33045		06 53 03.73	−38 58 22.7	8.97		H	103.265 535 25	−38.972 973 27		3.84	−1.62	0.26	0.78	0.81	0.98	0.89	1.06	+1	+2	−6	−6	−11	+11	−12	+7	−22	+2	0	0.65
33046		06 53 04.32	−40 31 03.2	8.81		H	103.267 984 05	−40.517 554 42		3.63	4.53	14.91	0.70	0.76	0.88	0.73	0.88	−9	+16	−11	+6	+0	+14	+2	−4	+6	−11	0	−0.18
33047		06 53 04.66	+31 27 44.5	9.40		H	103.269 432 10	+31.462 361 95	A	8.41	−13.05	−2.41	3.44	2.00	2.84	3.59	2.08	+3	+27	−3	+10	−4	+6	+5	−38	+2	+21	1	0.31
33048	H	06 53 05.06	+59 26 55.2	5.34		H	103.271 090 36	+59.448 654 94	*	7.40	−10.84	−45.93	0.94	0.94	0.84	0.92	0.87	+18	+18	+25	−9	−3	+5	−3	−20	+31	−5	1	−0.01
33049		06 53 05.66	+31 27 17.9	11.33		H	103.273 579 99	+31.454 965 03	B	14.86	−17.96	−13.30	18.07	9.51	9.78	12.52	7.58	+2	+24	−3	+19	−1	+6	+7	−31	+4	+19	1	0.31
*33050		06 53 05.75	+42 01 44.2	8.92		H	103.273 941 58	+42.028 950 90		0.70	15.52	−2.57	1.17	0.72	1.30	1.37	0.91	+15	+36	+1	−26	−37	−5	−34	−52	−6	+22	0	−0.31
*33051		06 53 05.78	+49 32 03.0	7.65		H	103.274 078 89	+49.534 160 13		3.97	−7.42	−20.01	0.87	0.60	0.97	1.00	0.67	−12	+32	+3	−25	+1	+1	+0	−35	−4	−2	0	−0.05
*33052		06 53 05.73	−46 02 10.1	9.55		H	103.273 871 58	−46.036 149 48		9.67	22.73	55.24	0.86	0.92	1.00	1.09	1.27	+5	+0	−8	−10	−6	+14	−5	+22	+3	+6	0	−0.25
*33053		06 53 06.23	+28 42 40.5	8.83		H	103.275 970 79	+28.711 252 62		5.98	44.29	24.14	1.19	0.69	1.30	1.56	0.87	+8	+28	−34	+31	−8	+20	+19	−27	+30	+50	0	2.86
*33054		06 53 06.15	+25 18 41.7	7.41		H	103.275 637 84	+25.311 582 03		6.63	−0.45	−38.38	1.01	0.55	1.07	1.29	0.85	−1	+35	−14	+12	+11	+0	+20	−38	+19	+8	0	0.53
33055		06 53 06.56	−39 41 25.1	8.38		H	103.277 342 67	−39.690 298 82		0.58	−12.50	15.33	0.58	0.63	0.73	0.61	0.76	−2	+1	−7	+5	−8	+9	−8	+5	−7	−6	0	−1.57
33056		06 53 07.57	+44 50 24.3	6.24		H	103.281 560 90	+44.840 082 68		9.08	5.44	−58.41	0.67	0.46	0.75	0.87	0.55	−25	+15	−16	+7	−6	+7	+3	−35	+7	−6	0	1.01
33057		06 53 07.99	−24 54 27.3	9.08		H	103.283 305 75	−24.907 593 30		0.62	−2.91	3.28	0.57	0.78	1.11	0.67	0.98	+11	+20	+8	+15	−14	+4	−13	−5	+2	+19	0	−1.05
33058		06 53 08.00	−07 45 56.0	7.81	1	H	103.283 328 32	−07.765 565 35		3.24	−5.96	6.93	0.74	0.59	0.92	0.94	0.70	−9	+24	−24	+6	−18	−11	−14	−16	+26	−17	0	0.08
33059		06 53 11.31	−04 34 34.0	8.19	2	H	103.297 128 72	−04.576 117 13	*	3.47	0.11	−0.43	1.15	0.83	1.32	1.53	1.02	−26	+30	−9	−31	+13	+16	+17	−50	+12	−14	0	2.27
33060		06 53 11.94	+34 57 37.4	7.86		H	103.299 760 25	+34.960 377 49		2.68	9.97	4.66	1.16	0.69	1.18	2.04	1.28	+32	+10	−28	−9	−45	+27	−22	−54	+39	+69	0	0.33
33061		06 53 12.89	−44 55 43.9	8.90		H	103.303 717 30	−44.928 872 59		10.98	−52.02	108.34	0.69	0.77	0.84	0.71	1.02	−4	+9	−11	−9	−2	−9	−1	+22	−7	−11	0	−1.13
33062		06 53 12.91	−24 10 00.0	7.71		G	103.303 799 78	−24.166 666 41		1.22	−3.10	4.54	0.44	0.60	0.96	0.49	0.76	+17	+1	−11	+34	−26	+21	−20	−5	+24	+40	1	0.13
33063		06 53 12.96	−52 24 36.5	8.93	2	H	103.304 004 84	−52.410 126 87		2.54	−30.96	−14.90	0.73	0.83	0.84	0.78	1.03	+3	+4	+0	−10	−1	−4	+3	+17	−8	−12	0	0.66
*33064	H	06 53 13.37	+38 26 18.4	6.32		H	103.305 704 58	+38.438 448 44	A	15.21	42.31	−178.92	1.25	0.81	1.03	1.00	0.67	+1	+41	+5	−18	−23	−16	−21	−43	+5	−1	1	−0.07
*33065		06 53 13.35	−52 11 30.7	8.73		H	103.305 609 28	−52.191 866 96		1.96	5.06	22.17	0.74	0.78	0.84	0.84	0.98	−1	+16	+1	−4	+5	−17	+8	+18	−5	−13	0	−1.82
33066		06 53 13.43	−51 53 01.5	8.38		H	103.305 942 92	−51.883 738 25		2.63	−12.31	25.73	0.64	0.73	0.75	0.77	0.93	+5	+9	+9	−7	−6	−9	−4	−2	+3	−12	2	−0.94
33067		06 53 13.72	+18 17 02.1	9.07		H	103.307 187 26	+18.283 919 46		3.64	49.39	−34.09	1.26	0.72	1.37	1.52	0.97	+5	+44	−20	−17	−11	−24	−8	−36	+6	+31	0	1.20
33068		06 53 14.16	+10 35 26.0	7.39		H	103.308 995 49	+10.590 543 25		−0.70	−6.55	−6.83	0.83	0.50	0.95	0.76	0.58	−9	+52	−17	−20	−6	−25	−7	−30	+8	−4	0	−0.23
33069		06 53 14.69	+52 29 31.9	9.26	2	H	103.311 207 73	+52.492 195 25		1.89	2.33	−14.30	1.06	0.78	1.34	1.21	0.94	−14	+34	−4	+21	−5	+8	−1	+5	+12	−14	0	0.35
33070		06 53 15.45	−24 06 59.6	8.27		H	103.314 394 45	−24.116 565 31		2.30	−3.21	4.46	0.51	0.70	1.13	0.56	0.89	+12	−3	−16	+36	−28	+24	−22	−2	+27	+38	1	1.35
33071	H	06 53 15.80	−15 28 21.5	9.61		H	103.315 818 53	−15.472 634 96	A	2.72	3.82	−3.14	4.15	3.20	2.65	2.58	2.26	−60	+17	−12	−20	−2	−19	−5	−12	−7	−8	0	0.42
33072		06 53 16.56	−74 43 32.3	7.64		G	103.318 983 41	−74.725 625 84		18.62	−53.82	181.13	0.55	0.50	0.57	0.55	0.62	−3	+22	+5	+0	−7	+16	−11	−5	−6	−18	3	0.36
33073		06 53 16.70	−27 52 15.8	9.41		H	103.319 600 41	−27.871 060 05		5.50	17.93	−57.21	0.80	0.92	1.22	1.10	1.18	+4	−3	+6	+18	−6	−3	−7	−1	+14	−2	0	1.10
33074		06 53 16.97	+67 13 19.4	8.21		H	103.320 727 88	+67.222 061 69		3.64	−2.20	−25.77	0.55	0.61	0.94	0.50	0.67	+20	+3	+3	−49	−2	+7	+3	−31	+4	+12	1	1.65
33075		06 53 17.52	−11 13 32.5	8.00		H	103.323 012 58	−11.225 701 90		6.71	0.88	14.14	0.89	0.72	1.01	1.10	0.87	+21	+8	−26	−35	−32	+26	−23	−38	+34	+39	0	0.54
33076		06 53 18.55	−09 41 25.2	7.83		H	103.327 300 80	−09.690 323 39		3.56	−1.42	−5.32	0.74	0.61	0.90	0.82	0.68	+0	+37	−12	−16	−12	+1	−7	−34	+7	+10	0	1.17
33077		06 53 18.84	−19 01 58.0	5.65	1	H	103.328 512 33	−19.032 778 77		9.90	−48.87	6.49	0.44	0.45	0.68	0.54	0.52	−8	+30	−25	−12	+40	−27	+37	−47	+35	−20	0	−0.58
33078		06 53 19.14	−40 20 21.7	9.38		H	103.329 736 03	−40.339 367 70		9.19	70.40	−31.68	0.80	0.84	0.99	0.86	0.96	−7	+1	−11	−10	−4	+10	−3	−1	+1	−11	1	−0.18
33079		06 53 21.85	−18 55 58.5	6.13		G	103.341 029 03	−18.932 929 26		7.12	−9.98	35.16	0.44	0.47	0.72	0.56	0.55	−7	+24	−31	−7	+37	−23	+33	−47	+39	−16	1	−1.26
33080		06 53 22.09	+45 35 29.0	9.02		H	103.342 056 16	+45.591 382 80		0.96	4.94	−9.85	1.09	0.75	1.17	1.40	0.93	−2	+18	−8	−18	−19	+4	−18	−42	+8	−9	0	2.24
33081		06 53 22.10	−24 41 03.7	6.52		H	103.342 070 27	−24.684 352 17		10.40	−21.45	−24.20	0.34	0.48	0.68	0.40	0.55	+10	+10	+3	+23	−19	+4	−16	−5	+14	+17	0	0.61
33082		06 53 22.40	+10 59 49.0	6.30		H	103.343 337 87	+10.996 942 09		7.83	−0.45	−120.13	0.81	0.54	1.00	0.98	0.68	−19	+43	−14	−28	+4	−43	+6	−48	+9	−9	0	0.20
33083		06 53 23.14	−19 23 02.4	8.25		G	103.346 403 91	−19.383 992 08		1.54	−4.77	3.55	0.62	0.76	1.09	0.91	0.90	−14	+11	−36	−13	+49	−38	+38	−57	+33	−24	0	−1.70
33084		06 53 24.95	−22 58 11.1	9.09		H	103.353 965 77	−22.969 745 67		3.39	−3.94	−1.78	0.74	0.88	1.33	1.07	1.16	−1	+3	−13	−1	+0	−7	+0	−18	+24	+0	0	0.51
33085		06 53 26.18	+51 31 05.1	6.95		G	103.359 090 23	+51.518 091 74		7.93	−10.19	−26.07	0.99	0.57	1.10	0.94	0.70	+29	+52	−1	−18	−18	−8	−2	−34	+28	+26	0	−0.47
33086		06 53 26.23	+21 43 05.9	8.29		H	103.359 278 16	+21.718 302 98		5.91	−22.66	−33.85	1.58	0.83	1.48	1.50	1.01	+34	+42	−8	−46	−47	−22	−45	−52	+10	+36	4	0.40
33087		06 53 27.58	−24 06 42.5	8.79		H	103.364 936 38	−24.111 810 89		1.68	−5.92	−1.15	0.57	0.82	1.31	0.63	1.06	+14	−2	−11	+31	−28	+17	−25	−1	+20	+38	0	0.77
33088		06 53 29.47	+40 24 15.1	9.78		H	103.372 807 49	+40.404 197 03		7.11	4.05	−43.62	1.48	0.98	1.82	1.98	1.46	−8	+19	−28	−7	−26	+8	−21	−46	+31	−7	0	0.17
33089		06 53 30.14	+04 10 26.4	7.92		H	103.375 579 17	+04.174 003 80		3.45	34.01	−10.36	0.90	0.60	1.01	0.96	0.72	−14	+26	−8	−29	−12	−18	−15	−37	−6	+1	2	−1.62
33090	H	06 53 30.93	+51 38 42.4	8.19		G	103.378 855 16	+51.645 119 25	A	7.28	−2.81	−16.48	2.05	1.17	1.39	1.48	1.07	−30	+19	−16	−6	+0	−3	+4	−23	+10	−1	1	−0.81
33091		06 53 32.51	−54 28 03.9	8.52		H	103.385 450 41	−54.467 751 60		2.87	−2.99	11.16	0.68	0.59	0.70	0.69	0.67	+2	+4	+8	−8	−10	+13	−14	−15	−13	−16	0	1.17
33092		06 53 32.91	−20 13 27.3	4.82	1	G	103.387 127 32	−20.224 263 66		2.02	−5.14	4.07	0.43	0.41	0.70	0.52	0.47	+27	+22	−3	+13	+11	+5	+10	−26	+27	+15	0	−1.17
33093		06 53 33.56	−54 52 59.3	7.97		H	103.389 818 99	−54.883 138 67		7.42	48.78	93.38	0.59	0.60	0.67	0.64	0.63	−6	+8	+11	+6	−6	+15	−12	−16	−11	−24	4	0.50
33094		06 53 33.76	−28 32 19.4	6.05		H	103.390 646 40	−28.538 720 19		38.77	282.83	−441.94	0.40	0.45	0.63	0.50	0.56	+4	+9	+5	+13	−5	+9	−4	+12	+23	+9	0	0.88
33095		06 53 36.22	−20 29 37.6	9.90		H	103.400 934 88	−20.493 791 64		4.01	−4.84	5.72	0.81	0.92	1.44	1.06	1.18	+20	+12	+5	+4	+7	−1	+4	−25	−3	+11	0	−0.04
33096		06 53 36.54	−32 27 14.3	8.91		H	103.402 235 50	−32.453 982 98		1.45	−0.25	−0.41	0.66	0.73	0.93	0.76	0.98	−1	−3	−9	+11	−7	−3	−9	+16	−3	+9	0	−1.56
33097		06 53 36.58	+22 46 34.3	8.23		H	103.402 428 77	+22.776 205 13		2.21	0.43	−8.63	1.02	0.59	1.08	1.33	0.89	−1	+25	+5	+16	+8	−15	+9	−37	+2	−5	4	2.86
*33098		06 53 37.91	+29 31 04.6	7.93		H	103.407 965 25	+29.517 934 56		2.90	−2.82	−19.23	1.11	0.71	1.18	1.71	0.97	+33	+3	−23	−7	−29	+35	−13	−48	+37	+60	0	−0.25
*33099		06 53 37.88	−44 14 41.2	8.69		H	103.407 827 75	−44.244 771 13		2.63	8.90	41.18	0.73	0.76	0.86	0.77	1.06	−3	−7	−2	−4	−6	−9	−6	+10	−2	−9	0	−0.76
33100		06 53 38.06	+61 00 56.1	7.88	2	H	103.408 594 25	+61.015 596 18		2.97	−4.49	−8.49	0.67	0.62	0.99	0.90	0.77	+30	+16	−9	+21	+3	−1	+3	+7	+14	+13	0	0.30

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
33001	8.284	0.010	8.267	0.013		0.020	0.015	T	0.04	0.01	L	8.2804	0.0012	0.015	91		8.25	8.31		C			1							S
33002	8.651	0.011	7.187	0.007		1.234	0.010	T	1.19	0.01	L	7.2108	0.0012	0.009	97		7.20	7.23		C			1							S
33003	8.924	0.013	7.309	0.007		1.352	0.012	T	1.32	0.01	L	7.2965	0.0018	0.015	119		7.27	7.32		U 2			1							S
33004	10.024	0.030	9.451	0.029		0.550	0.020	G	0.62	0.02	H	9.5353	0.0019	0.020	87		9.50	9.58		C			1 X							G G
33005	7.433	0.008	7.465	0.009		−0.022	0.002	G	0.00	0.00	H	7.4766	0.0012	0.008	83		7.45	7.49		C			1							S
33006	7.012	0.005	6.562	0.005		0.416	0.004	G	0.46	0.02	A	6.6140	0.0007	0.006	106		6.60	6.62		C			1							S
33007	7.300	0.004	7.420	0.005		−0.113	0.010	G	−0.10	0.01	H	7.4197	0.0011	0.013	231		7.40	7.44					1							S
33008	9.055	0.015	7.188	0.007		1.552	0.013	T	1.57	0.01	L	7.1413	0.0011	0.013	190		7.12	7.17			06527−2607	I 1	1							S
33009	8.652	0.009	8.351	0.009		0.286	0.012	T	0.33	0.01	L	8.3865	0.0013	0.014	155		8.36	8.41			06527+7805	I 1	1							S
33010	10.564	0.034	9.337	0.020		1.048	0.031	T	1.02	0.03	L	9.3792	0.0024	0.021	105		9.35	9.41		C			1							
33011	9.945	0.031	9.212	0.027	*	0.672	0.033	T	0.73	0.03	L *	9.1683	0.0025	0.018	70	*	9.15	9.20		D	06526+2457	I 1	2 C A	AB	213	0.379	0.005	0.23	0.03	
33012	6.634	0.003	6.437	0.005		0.181	0.006	T	0.20	0.01	L	6.4762	0.0006	0.006	124		6.46	6.49		C			1 G							S
33013	7.004	0.006	7.115	0.006		−0.099	0.002	G	−0.08	0.00	H	7.1057	0.0021	0.014	75		7.09	7.13					1							S
33014											T	11.1607	0.0606	0.252	72		10.91	11.49	3.96	P 1 A			1							G
33015	6.337	0.003	6.454	0.005		−0.101	0.003	G	−0.09	0.02	A	6.4392	0.0008	0.008	116		6.43	6.45		C	06528−4359	I 1	1 G							S
33016	7.945	0.011	6.673	0.005		1.082	0.002	G	1.09	0.04	E	6.7254	0.0009	0.009	80		6.71	6.74		C			1							S
33017	11.110	0.059	9.698	0.028		1.193	0.051	T	1.15	0.05	L	9.7213	0.0046	0.040	127		9.66	9.81		R			1							S
33018	3.753	0.002	3.620	0.002		0.102	0.009	G	0.14	0.03	C	3.6405	0.0006	0.004	75		3.63	3.65			06528+3358	I 1	1							S
33019	7.731	0.007	7.808	0.009		−0.097	0.004	G	−0.08	0.01	H	7.8205	0.0010	0.011	162		7.80	7.84					1							S
33020						1.419	0.009	G	1.72	0.02	I *	11.3569	0.0041	0.054	238	*	11.27	11.44		D	06528−2143	H 1	2 C B	AB	347	1.688	0.031	1.44	0.11	G
33021	12.021	0.136	10.974	0.084		0.909	0.120	T	0.91	0.09	L	11.1365	0.0082	0.116	149		11.01	11.64		U	06529+7812	I 1	1							G
33022	8.581	0.013	8.127	0.012	A	0.478	0.015	G	0.55	0.02	H *	8.1128	0.0014	0.010	82	*	8.10	8.13		D	06528+4712	I 1	2 C A	AB	223	1.107	0.020	2.46	0.06	S
33023	9.035	0.012	7.788	0.008		1.064	0.011	T	1.03	0.01	L	7.8282	0.0014	0.012	128		7.81	7.85		C			1							S
33024	6.064	0.003	5.779	0.003		0.270	0.004	T	0.30	0.01	L	5.8251	0.0008	0.006	91		5.81	5.84					1							S
33025	10.104	0.028	9.422	0.025		0.619	0.028	T	0.69	0.03	L	9.4692	0.0024	0.021	101		9.44	9.51		C			1							
33026	8.855	0.018	8.941	0.025		−0.074	0.028	T	−0.05	0.03	L	8.9258	0.0026	0.016	61		8.90	8.96		C			1							
33027	8.248	0.010	7.901	0.013		0.338	0.022	G	0.39	0.03	H	7.9632	0.0017	0.018	85		7.93	8.00					1							S
33028	10.903	0.048	10.068	0.037		0.735	0.046	T	0.78	0.03	L	10.1630	0.0037	0.025	101		10.12	10.20					1							G
33029	7.450	0.007	7.166	0.009		0.257	0.002	G	0.29	0.00	H	7.1968	0.0012	0.009	70		7.18	7.21		C			1							S
33030	9.403	0.016	8.172	0.010		1.060	0.015	G	1.03	0.01	H	8.2159	0.0016	0.015	87		8.19	8.25		C			1							
33031	9.802	0.027	9.675	0.034		0.110	0.020	G	0.12	0.02	H	9.7157	0.0032	0.020	64		9.68	9.76					1							G
33032	9.701	0.036	8.257	0.019		1.218	0.032	T	1.18	0.03	L	8.3008	0.0014	0.011	81		8.28	8.32		C			1							
33033	9.756	0.020	9.078	0.018		0.616	0.020	T	0.68	0.02	L	9.1509	0.0022	0.017	113		9.12	9.18		C			1							
33034	11.666	0.089	10.804	0.069		0.750	0.020	G	0.79	0.02	H	11.0231	0.0031	0.042	114		10.95	11.10					1							G
33035	8.592	0.007	8.614	0.009		0.180	0.020	G	0.20	0.02	H	8.6299	0.0017	0.025	246		8.59	8.67					1							S
33036	8.546	0.008	7.202	0.005		1.113	0.034	G	1.07	0.03	C	7.2560	0.0006	0.006	143		7.24	7.27		C			1							S
33037	10.268	0.027	9.114	0.016		0.976	0.004	G	1.02	0.00	I	9.1366	0.0018	0.022	158		9.10	9.17					1							
33038	7.863	0.007	7.308	0.007		0.519	0.015	G	0.59	0.02	H	7.3438	0.0008	0.009	102		7.33	7.36					1 S							S
33039	10.219	0.033	8.731	0.017		1.252	0.029	T	1.21	0.03	L	8.7618	0.0021	0.016	85		8.73	8.79		C			1							
33040	8.239	0.010	6.586	0.010		1.408	0.012	T	2.95	0.04	O	6.2437	0.0116	0.105	171		6.07	6.37		U 2	06530−2657	I 1	1 S							S
33041	6.553	0.004	6.138	0.003		0.406	0.004	T	0.47	0.00	L	6.1925	0.0009	0.008	121		6.17	6.20		M	06530+3852	I 1	1							S P
33042	13.002	0.366	10.935	0.092		1.550	0.015	G	1.62	0.02	H	10.6754	0.0217	0.170	136		10.46	11.00		U 2 C			1 S							G
33043	8.822	0.009	7.616	0.006		1.032	0.008	T	1.00	0.01	L	7.6819	0.0011	0.014	167		7.66	7.71					1							S
33044	7.937	0.011	6.192	0.005		1.455	0.015	G	1.46	0.02	H	6.1679	0.0010	0.007	66		6.15	6.18					1							S
33045	10.618	0.038	9.127	0.019		1.255	0.033	T	1.21	0.03	L	9.1310	0.0021	0.020	112		9.10	9.16					1							
33046	10.287	0.025	8.938	0.014		1.143	0.022	T	1.11	0.02	L	8.9826	0.0018	0.019	133		8.95	9.02		C			1							
33047	10.047	0.031	9.510	0.031	A	0.504	0.040	T	0.58	0.04	L	9.5140	0.0082	0.020	80	A	9.48	9.55		D	06531+3128	I 2	1 C P B							
33048	6.172	0.006	5.435	0.004	*	0.675	0.006	T	0.73	0.01	L *	5.4813	0.0005	0.004	67	*	5.47	5.49		D	06532+5926	I 1	2 C A	AB	280	0.234	0.003	0.53	0.07	S
33049	11.506	0.104	11.052	0.122	B	0.428	0.147	T	0.50	0.16	L	11.3593	0.0315			B				D	06531+3128	I 2	1 C I B							
33050	10.271	0.033	9.032	0.020		1.057	0.030	T	1.02	0.03	L	9.0863	0.0021	0.016	80		9.07	9.11		C			1							
33051	9.228	0.016	7.782	0.009		1.219	0.014	T	1.18	0.01	L	7.8115	0.0019	0.014	73		7.79	7.84			06531+4932	I 1	1							
33052	10.260	0.029	9.600	0.026		0.602	0.029	T	0.67	0.03	L	9.6779	0.0024	0.023	110		9.64	9.71		C			1							
33053	9.392	0.020	8.892	0.019		0.470	0.025	T	0.54	0.03	L	8.9369	0.0021	0.016	72		8.91	8.96		C	06531+2843	I 1	1							
33054	7.778	0.007	7.434	0.009		0.326	0.011	T	0.38	0.01	L	7.4889	0.0012	0.009	75		7.47	7.50		C			1							S
33055	10.124	0.024	8.527	0.012		1.338	0.021	T	1.30	0.02	L	8.5301	0.0013	0.013	129		8.50	8.55		C			1							
33056	6.515	0.005	6.260	0.005		0.239	0.007	T	0.27	0.01	L	6.3095	0.0011	0.008	74		6.30	6.33					1							S
33057	8.878	0.009	9.076	0.013		−0.171	0.014	T	−0.18	0.02	L	9.0214	0.0015	0.023	204		8.99	9.06					1							
33058	7.717	0.008	7.792	0.010		−0.064	0.011	T	−0.04	0.01	L	7.7944	0.0025	0.019	95		7.77	7.83		U			1							S
33059	11.803	0.156	8.545	0.016		2.460	0.510	G	2.46	0.52	J	8.2136	0.0140	0.113	80		8.06	8.33		U 2 C			1 V							
33060	9.599	0.025	8.011	0.013		1.340	0.015	G	1.30	0.02	H	8.0121	0.0021	0.014	69		7.99	8.04		C			1							
33061	9.872	0.020	8.980	0.015		0.794	0.019	T	0.83	0.01	L	9.0493	0.0020	0.018	120		9.01	9.07					1							
33062	7.446	0.006	7.678	0.007		−0.200	0.001	G	−0.21	0.00	H	7.6423	0.0010	0.015	243		7.62	7.67					1							S
33063	10.279	0.029	9.058	0.018		1.043	0.027	T	1.01	0.02	L	9.0925	0.0106	0.059	93		9.00	9.19	59.21	P 1 A			1 S							P
33064	6.926	0.004	6.383	0.004	*	0.516	0.004	T	0.59	0.00	L *	6.4293	0.0006	0.006	109	*	6.42	6.44		D	06532+3826	M 1	2 C A	AB	163	0.445	0.005	1.97	0.02	S
33065	10.181	0.027	8.859	0.016		1.122	0.025	T	1.08	0.03	L	8.8981	0.0018	0.015	89		8.88	8.93		C			1							
33066	9.582	0.018	8.511	0.012		0.927	0.016	T	0.92	0.01	L	8.5395	0.0012	0.014	92		8.52	8.56		C			1							
33067	10.088	0.032	9.175	0.023		0.810	0.029	T	0.84	0.02	L	9.2269	0.0023	0.015	71		9.21	9.25		C			1							
33068	7.271	0.008	7.368	0.009		−0.084	0.011	T	−0.06	0.01	L	7.3635	0.0011	0.007	74		7.35	7.37					1							S
33069	9.468	0.024	9.275	0.028		0.190	0.015	G	0.21	0.02	H	9.3200	0.0091	0.042	75		9.25	9.37		U 2			1							
33070	8.009	0.006	8.216	0.009		−0.180	0.009	T	−0.19	0.01	L	8.2011	0.0015	0.016	235		8.18	8.23					1							
33071	11.817	0.127	9.883	0.040	*	1.640	0.110	T	1.78	0.21	K *	9.7047	0.0048	0.037	86	*	9.65	9.75			06533−1528	H 1	2 C D	AB	126	0.630	0.073	2.25	0.39	G D
33072	8.253	0.009	7.699	0.007		0.525	0.007	G	0.60	0.01	H	7.7612	0.0010	0.010	108		7.74	7.78		C			1							S
33073	10.199	0.025	9.470	0.020		0.654	0.024	T	0.72	0.02	L	9.5484	0.0025	0.027	161		9.50	9.59					1							
33074	8.400	0.008	8.231	0.009		0.162	0.011	T	0.18	0.01	L	8.2660	0.0012	0.016	205		8.24	8.29		C			1							S
33075	8.068	0.011	7.999	0.013		0.069	0.016	T	0.08	0.02	L	8.0281	0.0017	0.014	75		8.01	8.05		C			1							
33076	7.748	0.009	7.816	0.012		−0.058	0.015	G	−0.04	0.01	H	7.8180	0.0012	0.009	81		7.80	7.83		C			1							S
33077	5.984	0.002	5.684	0.002		0.279	0.004	G	0.32	0.01	H	5.7267	0.0009	0.009	183		5.71	5.74		M			1							S
33078	10.180	0.024	9.441	0.020		0.662	0.024	T	0.72	0.02	L	9.5177	0.0020	0.021	136		9.48	9.55		C			1							
33079	6.338	0.003	6.149	0.003		0.156	0.005	G	0.17	0.03	C	6.1856	0.0007	0.009	191		6.17	6.20		C			1							S
33080	10.972	0.055	9.223	0.022		1.458	0.047	T	1.46	0.07	L	9.1506	0.0020	0.015	85		9.12	9.18		C			1							
33081	6.635	0.003	6.534	0.004		0.091	0.005	T	0.10	0.01	L	6.5610	0.0005	0.008	221		6.55	6.58					1							S
33082	7.526	0.007	6.393	0.005		0.962	0.005	G	0.87	0.04	E	6.4557	0.0007	0.005	80		6.45	6.47		C			1 G							S
33083	8.145	0.006	8.232	0.008		−0.079	0.015	G	−0.06	0.02	H	8.2344	0.0016	0.020	182		8.21	8.27					1							
33084	9.598	0.017	9.166	0.017		0.408	0.022	T	0.47	0.02	L	9.1764	0.0022	0.023	166		9.14	9.22					1							
33085	7.456	0.008	6.995	0.007		0.438	0.015	G	0.51	0.02	H	7.0489	0.0009	0.007	74		7.03	7.06		C	06535+5131	I 1	1 G							S
33086	9.529	0.023	8.389	0.015		0.980	0.021	T	0.96	0.02	L	8.4525	0.0022	0.015	76		8.43	8.48		C			1							
33087	8.707	0.010	8.792	0.013		−0.050	0.015	G	−0.03	0.01	H	8.7824	0.0014	0.019	232		8.75	8.82					1							
33088	10.620	0.041	9.843	0.032		0.707	0.040	T	0.76	0.03	L	9.9284	0.0019	0.020	94		9.88	9.96		C			1							G
33089	9.437	0.020	8.033	0.011		1.187	0.018	T	1.15	0.02	L	8.0821	0.0012	0.011	94		8.06	8.11					1							
33090	8.540	0.013	8.232	0.013	*	0.294	0.015	G	0.34	0.02	H *	8.2723	0.0017	0.011	72	*	8.25	8.30		D	06535+5138	I 1	2 C A	AP	282	0.407	0.013	2.32	0.09	S
33091	8.506	0.013	8.516	0.017		−0.008	0.019	T	0.01	0.02	L	8.5308	0.0014	0.013	95		8.51	8.55		C	06535−5428	I 1	1							
33092	4.547	0.002	4.785	0.002		−0.212	0.013	G	−0.21	0.02	A	4.7485	0.0006	0.007	158		4.74	4.76		M			1							S
33093	9.426	0.018	8.094	0.010		1.130	0.016	T	1.09	0.02	L	8.1329	0.0013	0.013	113		8.11	8.16					1							
33094	6.920	0.004	6.120	0.003		0.708	0.005	G	0.73	0.04	E	6.1802	0.0008	0.007	156		6.17	6.19					1							S
33095	10.077	0.032	9.962	0.044		0.104	0.050	T	0.12	0.05	L	9.9394	0.0029	0.029	179		9.88	9.98					1							G
33096	10.926	0.045	9.065	0.016		1.547	0.038	T	1.61	0.08	L	9.0346	0.0020	0.020	142		9.01	9.08					1							
33097	9.382	0.024	8.310	0.017		0.928	0.022	T	0.92	0.02	L	8.3911	0.0019	0.013	73		8.37	8.41		C			1							
33098	9.470	0.028	8.054	0.016		1.196	0.025	T	1.16	0.03	L	8.0992	0.0016	0.015	61		8.06	8.13					1							
33099	10.074	0.024	8.824	0.015		1.066	0.022	T	1.03	0.02	L	8.8612	0.0018	0.018	109		8.83	8.89		C			1							
33100	9.944	0.020	8.162	0.009		1.514	0.018	T	3.35	0.03	O	7.6481	0.0089	0.145	122		7.39	7.95		U 2 C			1 S							S P
																												28427		38840

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
33101		06 53 38.57	+03 23 45.0	8.62		H	103.410 707 70	+03.395 827 36		1.62	−5.95	−5.64	0.94	0.59	1.10	0.98	0.76	−29	+36	−24	−33	−9	−17	−16	−30	+6	−11	2	−0.25
33102		06 53 39.14	−34 44 18.3	9.28		H	103.413 075 62	−34.738 427 45		−0.28	21.88	−49.19	0.73	0.72	0.92	0.93	0.97	+2	+9	−3	+19	−2	+4	−3	+5	−7	+4	0	0.02
33103		06 53 41.58	+39 46 31.8	8.90		H	103.423 233 73	+39.775 513 34		10.63	−27.70	12.44	1.08	0.69	1.27	1.39	0.98	−20	+24	−8	+6	−22	−4	−22	−30	+15	−25	0	1.48
33104		06 53 42.24	+68 53 17.9	5.11		H	103.426 004 63	+68.888 291 73		3.26	4.53	7.30	0.41	0.43	0.62	0.42	0.53	+13	+16	−3	−18	+5	−15	+9	+1	+20	+11	0	−0.78
33105		06 53 42.60	+38 18 44.8	8.07		H	103.427 485 38	+38.312 437 92		−0.09	1.78	3.52	0.90	0.53	1.04	1.05	0.69	+4	+39	+2	−11	−23	−12	−18	−42	+5	+8	0	1.18
33106		06 53 42.80	−00 31 21.3	8.86		H	103.428 314 08	−00.522 588 41		4.69	1.00	−13.45	1.16	0.85	1.25	1.24	0.96	−31	+15	−25	−42	+19	+3	+22	−51	−2	−17	0	−0.70
*33107		06 53 44.29	−65 54 50.0	8.18	2	H	103.434 555 37	−65.913 899 52		0.45	−3.29	9.72	3.05	2.79	3.09	2.78	3.26	−3	+17	+10	−39	−5	−5	−3	−7	−7	−19	0	
*33108		06 53 44.14	+65 00 08.7	7.98		H	103.433 928 68	+65.002 426 13		2.10	−2.46	−8.49	0.71	0.68	0.95	0.99	0.71	+15	+19	−6	+23	+11	+16	+10	−8	+3	+17	0	−2.50
33109		06 53 44.87	−09 30 55.3	7.05		H	103.436 955 44	−09.515 357 34		25.06	−59.01	−46.00	0.69	0.57	0.85	0.72	0.63	+5	+41	−8	−16	−22	+2	−14	−38	+8	+17	0	1.20
33110		06 53 45.55	+01 24 23.0	8.34		H	103.439 802 80	+01.406 397 97		2.22	−3.08	0.19	0.79	0.59	0.97	0.75	0.60	−2	+22	−32	−29	−24	−3	−21	−39	+22	+11	0	1.24
33111	H	06 53 47.36	−43 06 51.0	8.86	2	H	103.447 319 60	−43.114 162 75	A	11.37	8.17	11.64	1.65	1.54	1.45	1.37	1.61	−14	+20	−12	−8	+10	−20	+11	−20	+31	−32	2	1.27
33112		06 53 47.68	−11 15 49.1	7.24		H	103.448 648 86	−11.263 647 04		3.50	−14.50	21.99	1.05	0.79	1.01	1.43	1.15	+40	+12	−32	−69	−52	+1	−50	−68	+28	+58	0	1.68
33113		06 53 48.48	−13 11 29.0	7.53		H	103.452 007 21	−13.191 377 73		1.62	−3.87	4.55	0.76	0.62	0.87	1.02	0.80	−10	+26	−23	−20	−6	−3	−1	−26	+21	−19	0	0.18
33114		06 53 49.08	−46 25 37.0	8.18		H	103.454 487 52	−46.426 953 82		4.44	−6.77	−6.72	0.64	0.62	0.71	0.81	0.70	+17	−8	−9	−25	−20	+24	−16	−9	+14	+4	0	0.68
33115		06 53 49.78	−71 35 48.7	8.79	2	H	103.457 432 99	−71.596 870 91		2.02	3.96	7.55	0.75	0.70	0.76	0.87	0.85	−9	+10	+5	−14	−7	−1	−4	−4	+15	−27	1	−1.80
33116		06 53 49.97	−21 52 52.8	8.02		H	103.458 211 43	−21.881 320 29		5.53	−2.52	9.64	0.63	0.80	0.97	0.90	1.04	−24	+9	+0	−48	+15	+1	+6	−40	+11	+0	0	−1.53
33117		06 53 50.05	−60 03 23.1	9.21		H	103.458 546 14	−60.056 407 07		4.09	12.77	3.95	0.77	0.74	0.78	0.85	0.94	−11	−13	+1	+21	−5	−10	−7	+7	+3	−17	0	0.32
33118		06 53 51.35	+14 45 07.5	7.80		H	103.463 939 28	+14.752 095 08		5.59	−15.55	−9.73	0.94	0.56	1.00	1.03	0.75	+16	+39	−4	−24	−17	−21	−23	−43	−10	+16	0	0.11
33119		06 53 52.17	−13 11 09.1	8.73	2	H	103.467 366 76	−13.185 864 15		2.29	−1.15	0.61	0.95	0.84	1.08	1.29	1.04	−16	+24	−28	−39	+0	+2	+5	−42	+14	−17	0	−0.25
33120		06 53 53.10	+39 10 10.9	7.76		H	103.471 229 22	+39.169 703 13		−0.07	2.54	−11.03	0.90	0.53	1.04	1.01	0.66	−14	+43	+1	+2	−21	−13	−19	−27	+0	−15	0	0.63
33121		06 53 54.08	+11 01 24.1	8.14		H	103.475 351 87	+11.023 350 12		11.93	−27.24	−26.70	1.02	0.69	1.14	0.98	0.74	−25	+38	−19	−19	+9	−20	+10	−37	+9	−14	2	0.19
33122		06 53 54.15	−59 52 51.3	8.38		H	103.475 637 01	−59.880 926 73		2.25	−6.88	10.26	0.59	0.58	0.61	0.67	0.71	−4	−11	+1	+19	−5	−10	−10	−6	+10	−17	0	0.71
33123		06 53 54.22	−00 18 49.4	8.26		H	103.475 918 75	−00.313 715 15		0.52	−2.11	−1.63	0.88	0.66	1.04	0.90	0.74	−25	+27	−23	−39	+8	−10	+7	−45	−2	+0	0	0.07
*33124		06 53 54.76	−04 23 06.6	8.30	2	H	103.478 150 90	−04.385 177 41		2.22	−2.19	−2.37	1.11	0.91	1.28	1.38	1.05	−29	+28	−18	−31	+17	+10	+21	−53	+13	−26	0	0.86
*33125		06 53 54.68	−25 56 33.9	10.13	2	H	103.477 846 64	−25.942 740 23		1.73	−7.07	5.51	0.83	1.11	1.57	0.90	1.25	−10	−6	+13	+4	−14	−9	−14	+8	+15	−14	2	1.79
33126		06 53 55.46	−24 32 19.5	6.23		H	103.481 065 10	−24.538 759 48		6.91	−4.22	1.44	0.34	0.46	0.67	0.40	0.59	+10	+6	−7	+18	−19	+4	−17	+0	+8	+22	0	−0.58
33127		06 53 55.99	+11 40 06.2	8.60		G	103.483 277 47	+11.668 377 54		5.06	−11.12	5.02	1.21	0.77	1.36	1.12	0.79	−11	+43	−37	−20	−13	−8	−11	−35	+4	+22	0	0.58
33128		06 53 56.06	−04 23 32.7	7.63	1	H	103.483 592 51	−04.392 423 56		2.59	−1.78	−4.31	0.98	0.76	1.12	1.14	0.86	−23	+26	−18	−25	+11	+12	+16	−51	+12	−19	0	−0.44
33129		06 53 56.13	+28 23 13.2	8.38		H	103.483 877 54	+28.387 011 47		8.63	−12.29	−18.49	1.10	0.59	1.16	1.27	0.72	−6	+38	−27	+30	+0	+4	+21	−27	+17	+35	4	2.79
33130		06 53 56.33	−22 19 43.1	7.57		H	103.484 692 21	−22.328 626 06		4.80	33.68	12.64	0.51	0.61	0.92	0.69	0.78	−1	+13	+3	+2	−1	+3	+1	−13	+17	−7	0	−0.47
33131		06 53 56.72	+29 34 12.5	10.24		H	103.486 312 52	+29.570 135 85		6.46	−39.20	−4.94	1.89	1.13	1.99	3.00	1.65	+29	−11	−17	−3	−13	+36	−1	−44	+27	+53	2	0.93
33132		06 53 56.90	−36 33 24.2	7.72		H	103.487 085 09	−36.556 716 53		2.62	4.47	9.33	0.48	0.58	0.67	0.52	0.67	+5	+1	−19	+2	−8	+18	−6	−4	+6	+2	0	1.13
33133		06 53 57.07	+38 30 18.3	6.46		H	103.487 808 58	+38.505 085 94		3.95	−0.45	−27.72	0.72	0.40	0.82	0.78	0.50	−5	+47	+2	−2	−14	−17	−12	−31	−2	−2	2	−0.80
33134		06 53 57.19	+31 07 19.2	7.77		H	103.488 290 70	+31.121 987 64		7.43	19.12	−8.80	1.03	0.56	1.08	1.26	0.69	+10	+38	−15	+13	−3	+0	+14	−36	+12	+43	0	3.55
33135		06 53 58.24	−63 04 44.9	8.73		H	103.492 668 60	−63.079 146 44		3.25	−2.92	19.52	0.77	0.66	0.76	0.86	0.76	−1	+19	+1	+2	−14	+12	−12	−6	+15	−15	0	−0.69
33136		06 53 59.25	−23 42 24.5	10.63		H	103.496 864 88	−23.706 794 78		1.49	−5.92	5.24	1.95	2.62	3.94	2.29	3.39	+11	+6	−15	+15	−26	+18	−18	−26	+20	+30	0	
33137		06 54 01.69	−27 45 36.2	8.33		H	103.507 062 46	−27.760 054 75		3.81	−7.18	16.67	0.58	0.70	0.96	0.78	0.89	+6	+8	+17	+18	−7	−8	−5	+14	+17	−4	2	0.41
33138		06 54 01.96	−18 33 54.3	8.91		H	103.508 149 79	−18.565 069 94		0.82	−6.91	3.75	0.69	0.77	1.11	0.81	0.82	−19	+21	−24	−3	+31	−22	+28	−34	+26	−25	0	−2.37
33139		06 54 02.31	−50 36 43.7	6.24		H	103.509 623 53	−50.612 141 18		18.63	−55.72	222.66	0.47	0.55	0.55	0.58	0.73	−3	+19	−4	−3	−8	+1	−6	−8	+12	−20	1	−0.77
*33140	H	06 54 03.53	−77 46 51.0	7.51		H	103.514 701 83	−77.780 836 15	A	5.04	−1.71	28.75	0.74	0.72	0.71	0.72	0.69	−3	+7	+14	+3	−4	−2	−6	−17	−9	−17	0	−0.10
*33141		06 54 03.45	−28 32 04.9	9.79		H	103.514 365 59	−28.534 704 06		0.72	−3.20	5.07	0.92	1.00	1.39	1.07	1.42	+3	+15	+3	+24	+4	+9	+6	+22	+15	+17	0	0.07
*33142		06 54 03.64	+60 52 27.0	11.01		G	103.515 179 22	+60.874 173 53		94.02	494.25	−991.36	1.51	1.30	2.18	2.12	1.58	+25	+17	−1	+30	−7	+7	−6	+4	+22	+6	0	2.08
*33143		06 54 03.56	+86 43 22.5	10.38		H	103.514 842 01	+86.722 922 46		2.12	−12.92	−0.26	0.87	0.93	1.10	1.00	1.10	−1	+3	−12	+8	+2	+18	+4	+9	+11	+13	0	−0.49
33144		06 54 04.78	−41 55 55.7	8.94		H	103.519 904 03	−41.932 128 95		10.65	5.92	−42.23	0.70	0.79	0.86	0.74	0.99	−7	+6	−15	−8	+3	−1	+1	−23	+10	−20	0	−0.52
33145		06 54 05.36	+33 41 39.9	9.34		G	103.522 334 31	+33.694 430 23		4.43	−9.36	−9.56	1.25	0.64	1.30	1.45	0.89	+13	+44	+1	+14	+0	−6	+7	−29	+6	+23	0	1.21
33146		06 54 05.73	−17 54 13.4	8.17		H	103.523 866 00	−17.903 724 87		0.88	−0.20	4.78	0.70	0.73	0.96	0.77	0.82	−34	+23	−34	−1	+21	−18	+16	−10	+1	−34	0	0.69
33147		06 54 06.06	+06 41 15.9	7.09		H	103.525 230 12	+06.687 749 14		4.28	0.14	−9.38	0.93	0.66	1.05	0.95	0.77	−4	+35	−14	−31	+3	−23	−5	−52	−1	−11	5	−1.50
33148		06 54 06.19	+10 31 29.6	7.65	1	H	103.525 806 75	+10.524 897 34		−0.17	−0.50	−1.31	0.89	0.58	1.03	0.89	0.66	−11	+46	−7	−30	+4	−36	+0	−36	−5	−2	0	0.10
33149		06 54 07.48	+27 18 16.9	9.44		H	103.531 145 89	+27.304 686 39		7.05	52.34	−41.82	1.48	0.81	1.64	1.94	1.12	+3	+38	−25	+6	−25	+14	+4	−47	+23	+51	0	0.75
33150		06 54 07.58	+32 30 41.0	6.95		G	103.531 597 18	+32.511 397 69		4.02	−1.67	−10.21	0.82	0.48	0.89	1.02	0.59	+3	+31	+5	+11	+4	+7	+14	−41	−7	+29	0	0.51
33151		06 54 07.72	+63 58 53.6	9.44		H	103.532 153 00	+63.981 545 17		6.72	44.67	−212.23	1.02	1.05	1.37	1.30	1.03	+16	+23	+5	+35	+22	+5	+13	−29	−20	+16	0	−0.50
33152		06 54 07.95	−24 11 03.2	3.89	2	H	103.533 145 18	−24.184 222 96		1.65	−3.46	5.02	0.34	0.42	0.62	0.35	0.47	+15	+5	−11	+41	−28	+13	−23	−15	+15	+27	0	0.04
33153		06 54 08.04	+53 23 16.6	8.97		H	103.533 488 53	+53.387 941 92		3.02	13.43	6.15	0.95	0.70	1.33	0.98	0.79	−22	+39	−28	+27	+30	−10	+30	−5	+21	−29	0	1.73
33154	H	06 54 08.60	−05 51 07.9	6.39		H	103.535 824 54	−05.852 201 54	A	5.80	−11.21	5.60	1.75	1.22	1.59	1.57	1.13	−28	+31	−18	−31	−15	−4	−14	−29	+15	+21	1	0.00
33155		06 54 09.45	−48 13 07.0	9.79		H	103.539 370 63	−48.218 602 55		3.11	0.27	20.67	0.82	1.00	0.99	0.89	1.20	−12	+4	−10	−15	+8	−1	+9	−14	+8	−26	0	1.20
33156		06 54 11.09	+78 00 28.8	7.72		H	103.546 213 15	+78.008 000 62		9.84	9.86	−73.97	0.46	0.53	0.67	0.51	0.60	+14	+21	+3	+6	+0	+6	+3	−5	+11	+19	0	−0.44
33157		06 54 11.15	−30 36 47.3	7.86		H	103.546 469 34	−30.613 130 06		4.05	−13.52	3.76	0.52	0.58	0.74	0.55	0.75	−2	−5	+0	+34	+0	+4	+1	+15	+9	+1	0	−1.59
33158		06 54 11.17	−13 38 21.3	7.82		G	103.546 536 94	−13.639 261 09		10.79	−2.98	−18.83	0.99	0.81	1.15	1.71	1.16	−1	−2	−19	−38	−16	+15	−9	−34	+26	−9	0	0.12
33159		06 54 11.27	+40 53 24.9	7.89		G	103.546 968 03	+40.890 256 70		14.94	86.27	−77.86	0.91	0.57	1.06	1.08	0.71	−22	+41	−24	+8	−17	+6	−6	−32	+9	−2	0	−0.16
33160		06 54 11.48	−12 02 18.9	4.08	1	H	103.547 836 33	−12.038 592 73		12.94	−139.04	−14.47	0.76	0.53	0.87	0.72	0.58	−19	+49	−31	−23	+6	−16	+12	−22	+22	−1	2	0.97
33161		06 54 11.86	−39 35 40.5	9.10		H	103.549 417 81	−39.594 589 68		3.14	−9.38	4.08	0.65	0.69	0.80	0.67	0.83	−8	−1	+1	+8	−9	+8	−10	+10	+0	−11	0	−0.25
33162	H	06 54 11.91	−62 27 48.0	8.34		H	103.549 616 27	−62.463 336 07	*	9.55	15.04	−15.45	0.76	0.64	0.72	0.92	0.74	−8	−7	−5	−9	−13	−1	−13	−3	+19	−24	0	−1.86
33163		06 54 12.32	−07 35 45.0	10.55	3	H	103.551 312 84	−07.595 841 57		−3.72	−0.13	−1.03	2.75	2.25	3.30	3.32	2.62	−12	+22	−22	−21	−8	+5	−2	−31	+19	−3	0	
33164		06 54 12.90	−23 06 22.0	9.67	1	H	103.553 736 06	−23.106 097 58		0.96	−5.55	5.82	0.82	0.94	1.44	1.18	1.27	+1	+5	−11	+1	+3	−5	+4	−15	+27	+7	1	−0.15
33165		06 54 13.05	−23 55 42.1	6.65	2	H	103.554 360 47	−23.928 347 98		1.74	−3.86	4.75	0.38	0.51	0.76	0.43	0.66	+24	+2	−18	+27	−29	+24	−20	−21	+25	+46	0	−0.52
33166		06 54 13.61	+33 00 09.1	8.19	1	H	103.556 707 22	+33.002 520 54		4.53	−4.81	−3.79	1.01	0.55	1.06	1.43	0.80	+10	+29	−15	+22	+0	+2	+18	−32	+11	+45	0	−0.25
33167		06 54 13.84	+06 41 16.8	7.55		H	103.557 657 27	+06.688 005 74		2.61	−1.22	−5.24	1.04	0.72	1.16	1.10	0.87	−6	+42	−14	−18	+7	−11	+7	−51	+1	+1	0	−0.16
33168		06 54 13.91	−06 01 06.6	7.54		H	103.557 965 77	−06.018 504 75		1.21	−1.87	0.28	0.89	0.62	0.99	0.95	0.72	+8	+37	−19	−45	−18	−18	−19	−46	+8	+20	2	1.61
33169		06 54 14.14	−44 22 47.7	8.82		H	103.558 900 71	−44.379 918 95		4.03	−4.78	−0.34	0.73	0.77	0.86	0.72	1.04	−2	+1	+4	−11	+3	−5	+6	+9	−3	−11	3	−0.12
33170	H	06 54 14.81	−34 13 22.4	7.33		G	103.561 707 32	−34.222 885 74	A	4.53	−12.63	9.00	0.76	0.84	1.03	0.85	1.01	+4	+10	+1	+24	+5	+43	+0	+20	−12	+2	1	−0.37
33171		06 54 15.23	+45 24 52.8	9.58		H	103.563 462 63	+45.414 664 76		3.75	6.67	−24.38	1.15	0.81	1.34	1.52	1.07	−13	+17	−15	−13	−9	−2	−6	−39	+8	−3	0	−1.42
33172		06 54 16.17	−68 57 19.1	8.99		H	103.567 395 75	−68.955 300 44		2.60	17.07	8.65	0.76	0.72	0.77	0.81	0.81	+3	+17	+0	−1	−10	+4	−12	−6	−4	−1	0	0.92
33173		06 54 17.13	−04 53 59.0	9.17		H	103.571 354 58	−04.899 729 93	A	4.37	−0.97	3.96	1.79	1.45	1.80	2.11	1.74	−16	+18	−9	−37	+6	−3	+4	−41	+1	−40	6	1.18
33174		06 54 18.29	+05 06 36.5	7.93		H	103.576 193 54	+05.110 131 65		−0.80	−2.85	1.04	0.94	0.71	1.09	1.12	1.00	−10	+8	+23	−16	+17	−4	+15	−51	−43	−6	0	−0.95
33175		06 54 18.79	−06 23 21.3	7.29		H	103.578 275 47	−06.389 246 47		5.39	−7.50	−1.10	0.73	0.52	0.81	0.70	0.56	+13	+30	−4	−35	−15	−9	−14	−34	+6	+14	0	2.06
33176		06 54 19.32	−22 26 11.0	7.89		H	103.580 490 03	−22.436 387 95		6.56	10.02	−0.18	0.54	0.69	1.06	0.71	0.84	−5	+13	−1	−2	−2	−9	+0	−15	+19	−10	0	−0.70
*33177	H	06 54 20.27	−14 14 34.2	9.15		H	103.584 440 44	−14.242 824 54	A	4.71	−0.06	3.14	3.36	2.91	3.17	3.48	2.98	+16	+21	−12	−20	−23	+23	−21	−35	+4	+5	1	0.12
*33178		06 54 20.11	−31 48 05.9	6.86		H	103.583 795 88	−31.801 625 06		2.58	−13.36	1.80	0.45	0.47	0.60	0.59	0.65	+5	+2	+1	+26	−4	−3	−5	+27	+1	+22	0	1.58
33179	H	06 54 21.31	+21 09 41.3	6.51		H	103.588 775 65	+21.161 463 91	A	7.21	25.50	−56.40	1.42	0.91	1.21	1.66	1.01	+34	−8	−31	−42	−28	+3	−34	−44	+25	+25	0	0.47
33180		06 54 21.43	−07 23 46.2	8.03		H	103.589 273 12	−07.396 165 48		3.12	−12.68	0.87	0.82	0.61	0.91	0.89	0.68	−6	+24	−13	−22	+1	−4	+3	−33	+9	−1	0	−0.68
33181		06 54 22.15	+19 35 42.8	8.04		H	103.592 280 89	+19.595 218 04		−1.28	−5.57	−4.01	1.02	0.66	1.06	1.10	0.73	+4	+34	+3	−28	−13	−2	−8	−50	+1	+17	5	0.78
33182		06 54 22.49	−23 02 52.2	8.88		G	103.593 711 50	−23.047 839 88		2.64	−1.90	3.62	0.66	0.74	1.15	0.90	0.98	+3	+7	−11	−1	−1	−10	+0	−18	+28	+2	1	0.37
33183		06 54 23.00	−19 27 54.9	9.36		H	103.595 819 11	−19.465 256 34		0.45	5.21	6.61	0.87	1.06	1.55	1.18	1.24	−11	+28	−23	−10	+43	−29	+36	−49	+39	−26	0	−0.47
33184		06 54 24.66	−01 07 37.1	5.44		G	103.602 737 51	−01.126 960 90		6.73	14.01	−14.27	0.82	0.70	0.76	1.22	1.06	−38	+20	+5	−66	+44	−12	+39	−80	−10	−45	2	2.17
33185		06 54 25.13	−40 11 35.4	9.08		H	103.604 704 46	−40.193 161 21		9.02	50.27	61.80	0.71	0.77	0.88	0.76	0.90	−5	+2	−7	−10	−7	+6	−7	−10	−2	−8	0	−0.28
33186		06 54 25.73	−14 27 02.9	7.78		H	103.607 207 54	−14.450 805 22		6.60	−12.37	18.35	0.75	0.66	0.91	0.86	0.78	+18	+2	−32	−22	−10	−23	−20	−28	+19	−12	0	−1.22
33187		06 54 26.00	−31 17 51.5	8.84		H	103.608 319 33	−31.297 651 82		−0.44	−3.84	−2.47	0.80	0.77	1.06	1.01	1.02	−3	+1	+15	+40	−3	−10	+3	+6	+0	+9	1	0.68
33188		06 54 26.32	+09 27 21.2	8.73		H	103.609 664 78	+09.455 898 16		−1.86	−2.87	−1.22	0.98	0.64	1.09	1.08	0.83	−2	+39	−13	−17	−11	−18	−10	−28	+8	+6	0	0.61
33189		06 54 26.68	−42 21 56.2	6.32	2	H	103.611 186 19	−42.365 619 26		2.39	−1.28	19.62	0.50	0.55	0.62	0.53	0.68	−7	+7	−20	+3	+7	−1	+6	−20	+7	−16	2	1.76
*33190		06 54 27.14	+27 27 30.4	8.89		H	103.613 070 52	+27.458 440 55		1.16	−5.46	−7.97	1.31	0.69	1.42	1.68	0.94	+10	+43	−29	+8	−25	+13	+1	−41	+19	+57	0	−0.65
*33191		06 54 27.13	+14 37 32.3	8.03		H	103.613 038 06	+14.625 635 94		3.29	−8.20	−8.02	0.83	0.53	0.95	0.88	0.65	−4	+37	−2	−10	+2	−26	−4	−34	−13	−1	0	0.74
33192		06 54 28.69	+11 03 18.6	8.06		H	103.619 560 85	+11.055 158 78		4.08	−5.71	−0.87	1.00	0.62	1.12	0.87	0.67	−25	+56	−24	−20	+4	−26	+0	−26	+5	−16	0	−0.62
33193		06 54 28.83	−43 06 30.7	7.80		H	103.620 129 32	−43.108 521 61		3.26	−0.96	12.28	0.57	0.60	0.67	0.59	0.81	−10	+19	−12	−11	+5	−7	+6	−9	+9	−15	0	1.28
33194		06 54 29.16	+26 31 50.7	7.68		H	103.621 492 48	+26.530 740 32		2.49	−4.18	−2.15	0.95	0.52	1.02	1.08	0.64	+1	+38	−20	+12	−6	+7	+12	−37	+15	+36	0	−1.31
33195		06 54 31.35	+69 40 39.9	8.88		H	103.630 604 98	+69.677 742 05		1.45	−6.14	−1.44	0.59	0.81	1.18	0.68	0.95	+15	+9	−7	+56	+10	+6	+19	+0	+3	+31	1	0.96
33196		06 54 32.63	+50 02 41.8	7.35		H	103.635 938 77	+50.044 950 30		5.16	−5.50	−27.89	0.75	0.56	0.84	0.91	0.64	−19	+25	+2	−26	+11	+7	+13	−45	+1	−6	0	0.36
33197	H	06 54 32.97	−27 33 33.9	8.32		G	103.637 392 68	−27.559 413 22	A	13.34	−23.70	−0.43	2.96	2.05	2.71	3.79	2.90	−5	−3	+1	+13	−2	+1	−2	−15	+12	−16	1	1.12
33198		06 54 34.75	−51 41 18.5	8.81		H	103.644 773 93	−51.688 482 30		2.64	−1.88	10.63	0.67	0.77	0.79	0.82	1.02	+2	+15	−2	−6	−4	−7	−6	−10	−8	−17	0	1.15
*33199		06 54 35.94	+57 52 57.7	9.38		H	103.649 756 68	+57.882 707 22		−1.24	3.15	0.27	1.20	0.99	1.45	1.51	1.28	+6	+20	+18	+12	+25	+6	+23	−2	+9	−17	0	1.71
*33200		06 54 35.91	−17 55 01.9	7.63	2	H	103.649 626 87	−17.917 204 75		2.44	−3.79	5.14	0.62	0.62	0.85	0.69	0.69	−35	+24	−28	+1	+17	−19	+13	−13	+11	−39	0	−0.55

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″		ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65		66	67	68-70
33101	8.540	0.008	8.598	0.011		−0.078	0.002	G	−0.06	0.00	H	8.6014	0.0011	0.011	130		8.58	8.62		C			1								
33102	10.382	0.028	9.387	0.019		0.962	0.015	G	1.01	0.01	I	9.4254	0.0018	0.020	143		9.39	9.47		C			1								
33103	9.422	0.018	8.928	0.017		0.465	0.022	T	0.54	0.02	L	9.0011	0.0017	0.014	101		8.97	9.02		C			1								
33104	4.954	0.002	5.085	0.002		−0.114	0.003	T	−0.10	0.00	L	5.0746	0.0004	0.006	167		5.07	5.08		C			1								S
33105	9.990	0.022	8.221	0.010		1.474	0.019	T	1.49	0.03	L	8.1960	0.0015	0.014	104		8.18	8.22		C			1								
33106	10.279	0.032	8.981	0.018		1.104	0.029	T	1.07	0.03	L	9.0382	0.0021	0.019	93		9.01	9.07		C			1								
33107	10.310	0.033	8.419	0.013		1.604	0.029	T	2.61	0.05	O	8.1698	0.0103	0.091	103		8.03	8.28		U 2	06537−6555	I 1	1 X	S							P
33108	9.297	0.016	8.099	0.011		1.025	0.015	T	1.00	0.01	L	8.1502	0.0018	0.014	99		8.13	8.18		C			1								S
33109	7.711	0.009	7.114	0.009		0.566	0.015	G	0.64	0.01	H	7.1675	0.0011	0.008	75		7.15	7.18		C			1								S
33110	8.275	0.010	8.318	0.012		−0.035	0.014	T	−0.01	0.01	L	8.3340	0.0013	0.013	105		8.31	8.36		C			1								
33111	9.687	0.021	8.972	0.018	*	0.644	0.021	T	0.71	0.02	L *	8.9906	0.0040	0.028	113	*	8.93	9.04		U 2	06538−4307	H 1	2 C	A	AB	93	0.484	0.005	1.14	0.03	
33112	8.833	0.014	7.378	0.008		1.227	0.013	T	1.19	0.01	L	7.4070	0.0013	0.009	73		7.39	7.42		C			1 G								
33113	7.412	0.008	7.511	0.011		−0.085	0.012	T	−0.07	0.01	L	7.5077	0.0011	0.010	74		7.49	7.52		C			1								S
33114	8.395	0.010	8.201	0.011		0.186	0.014	T	0.20	0.02	L	8.2430	0.0014	0.011	112		8.23	8.26					1								S
33115	11.100	0.059	8.977	0.018		1.795	0.051	T	2.15	0.12	O	8.8556	0.0043	0.028	102		8.81	8.92		U 2			1								
33116	8.248	0.006	8.030	0.007		0.208	0.009	T	0.23	0.01	L	8.0804	0.0014	0.018	225		8.05	8.12					1 G								S
33117	9.648	0.017	9.234	0.018		0.391	0.023	T	0.46	0.03	L	9.2985	0.0025	0.019	113		9.27	9.33		C			1								
33118	9.032	0.015	7.901	0.010		0.973	0.014	T	0.96	0.01	L	7.9644	0.0011	0.010	85		7.95	7.98		C			1								S
33119	8.654	0.014	8.696	0.018		−0.035	0.020	T	−0.01	0.02	L	8.7219	0.0047	0.032	73		8.66	8.77		U 2			1								
33120	9.709	0.019	7.923	0.009		1.488	0.017	T	1.51	0.03	L	7.8831	0.0017	0.014	118		7.86	7.91					1								S
33121	8.704	0.014	8.207	0.013		0.471	0.015	G	0.54	0.02	H	8.2469	0.0015	0.011	74		8.23	8.27		C			1								
33122	8.281	0.008	8.380	0.011		−0.062	0.002	G	−0.04	0.00	H	8.3701	0.0014	0.020	112		8.34	8.41					1								
33123	8.182	0.009	8.245	0.012		−0.032	0.016	G	−0.01	0.02	H	8.2583	0.0018	0.014	101		8.23	8.28		C			1								
33124	10.115	0.058	8.369	0.025		1.637	0.218	G	1.71	0.26	K	8.4069	0.0031	0.040	82		8.36	8.60		U	06539−0423	I 2	1								
33125	10.099	0.021	10.120	0.033		−0.015	0.036	T	0.01	0.03	L	10.1289	0.0041	0.044	176		10.05	10.20		U			1	S							G
33126	6.244	0.003	6.227	0.003		0.016	0.004	T	0.04	0.00	L	6.2415	0.0005	0.008	216		6.23	6.25					1								S
33127	8.710	0.014	8.593	0.016		0.103	0.015	G	0.12	0.02	H	8.6382	0.0012	0.015	74		8.62	8.66		C			1								
33128	9.543	0.022	7.775	0.011		1.584	0.218	G	1.59	0.24	R	7.7473	0.0027	0.021	83		7.71	7.78		U	06539−0423	I 2	1								
33129	8.881	0.015	8.442	0.015		0.427	0.015	G	0.49	0.02	H	8.4729	0.0015	0.013	79		8.45	8.50		C			1	S							
33130	9.296	0.012	7.691	0.006		1.345	0.011	T	1.31	0.01	L	7.7171	0.0012	0.015	196		7.69	7.75					1								
33131	10.847	0.078	10.298	0.075		0.514	0.097	T	0.59	0.10	L	10.3494	0.0052	0.033	65		10.30	10.40					1								G
33132	8.920	0.012	7.826	0.008		0.945	0.011	T	0.94	0.01	L	7.8803	0.0008	0.011	143		7.86	7.90					1								
33133	6.399	0.004	6.443	0.004		−0.044	0.007	G	−0.02	0.01	H	6.4494	0.0007	0.006	110		6.44	6.46		C			1								S
33134	9.161	0.015	7.897	0.009		1.077	0.014	T	1.04	0.01	L	7.9332	0.0010	0.010	86		7.91	7.95		C			1								S
33135	10.282	0.027	8.831	0.014		1.223	0.024	T	1.18	0.02	L	8.8899	0.0011	0.014	103		8.86	8.92		D			1								
33136	10.623	0.037	10.639	0.057		−0.010	0.062	T	0.01	0.06	L	10.6357	0.0036	0.043	205		10.57	10.72					1 X	S							G
33137	8.381	0.008	8.333	0.009		0.043	0.011	T	0.06	0.01	L	8.3541	0.0018	0.019	167		8.32	8.39					1								
33138	8.858	0.010	8.897	0.014		−0.060	0.015	G	−0.04	0.01	H	8.8987	0.0019	0.023	149		8.87	8.95					1								
33139	7.483	0.007	6.355	0.005		0.988	0.003	G	0.98	0.04	E	6.4015	0.0008	0.007	100		6.39	6.41		C			1								S
33140	7.811	0.007	7.512	0.009	*	0.284	0.010	T	0.32	0.01	L *	7.5887	0.0011	0.011	128	*	7.57	7.61		D	06541−7747	I 1	2 C	A	AB	286	8.357	0.008	2.33	0.03	S
33141	11.369	0.066	9.943	0.030		1.204	0.057	T	1.16	0.06	L	9.9526	0.0031	0.032	158		9.91	10.02					1								G
33142						1.552	0.020	G	2.45	0.08	I	10.9764	0.0037	0.032	117		10.91	11.03					1	S							G
33143	10.630	0.037	10.332	0.044		0.283	0.054	T	0.32	0.07	L	10.4544	0.0037	0.026	125		10.40	10.50		C			1								G
33144	9.698	0.019	9.017	0.016		0.618	0.019	T	0.69	0.02	L	9.0751	0.0019	0.020	119		9.04	9.11		C			1								
33145	9.557	0.029	9.314	0.033		0.228	0.015	G	0.25	0.02	H	9.3969	0.0021	0.018	71		9.38	9.43		C	06541+3342	I 1	1								
33146	8.127	0.009	8.156	0.011		−0.024	0.012	T	0.00	0.01	L	8.1684	0.0013	0.015	105		8.15	8.20					1								
33147	8.329	0.012	7.190	0.008		0.979	0.011	T	0.96	0.01	L	7.2611	0.0012	0.010	65		7.25	7.28			06542+0641	I 2	1								S
33148	9.832	0.026	7.817	0.010		1.669	0.022	T	1.69	0.02	L	7.7535	0.0029	0.020	76		7.72	7.78		U 2			1								
33149	10.147	0.041	9.469	0.036		0.627	0.045	T	0.69	0.04	L	9.5670	0.0026	0.018	69		9.54	9.60		C			1								
33150	6.947	0.005	6.961	0.008		0.002	0.003	G	0.02	0.00	H	6.9630	0.0012	0.007	79		6.95	6.98		C			1								S
33151	10.146	0.032	9.505	0.029		0.595	0.037	T	0.67	0.03	L	9.5662	0.0023	0.019	83		9.52	9.60		C			1								
33152	6.143	0.008	4.040	0.006		1.740	0.110	G	1.58	0.02	A	4.0047	0.0082	0.074	233		3.94	4.20		U 2 C			1								S
33153	10.989	0.052	9.160	0.019		1.522	0.044	T	1.56	0.07	L	9.0873	0.0027	0.020	107		9.05	9.12					1								
33154	6.663	0.016	6.478	0.015	*	0.174	0.002	G	0.19	0.00	H *	6.4532	0.0007	0.005	74	*	6.44	6.46		D	06541−0551	I 1	2 C	A	AB	175	1.376	0.004	0.16	0.01	S
33155	10.871	0.044	9.857	0.028		0.885	0.039	T	0.89	0.03	L	9.9484	0.0024	0.023	104		9.90	9.99		C			1								G
33156	8.267	0.009	7.777	0.007		0.461	0.010	T	0.53	0.01	L	7.8261	0.0011	0.012	161		7.81	7.85		C			1								S
33157	8.067	0.008	7.877	0.008		0.182	0.011	T	0.20	0.01	L	7.9179	0.0012	0.015	149		7.90	7.94		C			1								S
33158	8.340	0.012	7.870	0.012		0.440	0.015	G	0.51	0.02	H	7.9107	0.0013	0.015	77		7.89	7.94		D			1								S
33159	8.515	0.010	7.949	0.010		0.543	0.015	G	0.62	0.01	H	7.9976	0.0010	0.012	105		7.97	8.02		D			1								S
33160	5.955	0.004	4.240	0.003		1.418	0.036	G	1.49	0.02	A	4.2092	0.0011	0.006	69		4.20	4.22		M			1								S
33161	9.221	0.013	9.097	0.016		0.112	0.019	T	0.13	0.02	L	9.1480	0.0018	0.018	134		9.11	9.19					1								
33162	9.063	0.013	8.419	0.011	*	0.598	0.015	T	0.67	0.01	L *	8.4714	0.0016	0.016	110	*	8.45	8.50		D	06542−6228	I 1	2 C S	A	BA	306	0.193	0.006	0.30	0.14	
33163	10.646	0.053	10.659	0.086		−0.007	0.093	T	0.01	0.09	L	10.5564	0.0091	0.172	90		10.49	11.14		P 1 A			1 X								G
33164	9.624	0.019	9.648	0.027		−0.020	0.029	T	0.00	0.03	L	9.6746	0.0034	0.030	166		9.63	9.73		U			1								G
33165	6.663	0.004	6.729	0.004		−0.056	0.005	T	−0.03	0.01	L	6.6371	0.0017	0.027	222		6.57	6.67		U 2			1								S
33166	8.201	0.010	8.183	0.012		0.021	0.014	T	0.04	0.01	L	8.2005	0.0031	0.025	81		8.16	8.23	2.51	P 1 A			1								
33167	7.544	0.009	7.539	0.011		0.009	0.013	T	0.03	0.01	L	7.5597	0.0012	0.008	66		7.55	7.58		C	06542+0641	I 2	1								S
33168	9.046	0.015	7.751	0.009		1.101	0.014	T	1.06	0.01	L	7.7104	0.0015	0.011	74		7.69	7.73		C			1								
33169	10.147	0.025	8.970	0.016		1.009	0.023	T	0.98	0.02	L	8.9841	0.0021	0.018	118		8.96	9.01		C			1								
33170	7.279	0.006	7.262	0.007	*	−0.022	0.007	G	0.00	0.01	H *	7.3396	0.0010	0.011	141	*	7.32	7.36		D	06542−3413	I 1	2 C	A	AB	277	2.167	0.004	1.45	0.02	S
33171	10.115	0.035	9.618	0.034		0.467	0.044	T	0.54	0.05	L	9.6827	0.0029	0.026	88		9.65	9.72		C			1								
33172	10.550	0.036	9.119	0.019		1.208	0.032	T	1.17	0.03	L	9.1533	0.0019	0.016	91		9.13	9.18		C			1								
33173	9.525	0.021	9.152	0.022	A	0.353	0.028	T	0.41	0.03	L	9.2559	0.0163	0.053	84	A	9.20	9.35		D	06543−0454	H 1	2 C	A	AB	271	16.925	0.020	1.75	0.08	P
33174	7.867	0.010	7.914	0.011		−0.038	0.014	T	−0.02	0.01	L	7.9313	0.0017	0.011	74		7.91	7.95		C			1								S
33175	7.161	0.007	7.270	0.008		−0.094	0.010	T	−0.08	0.01	L	7.2616	0.0013	0.009	78		7.25	7.28		C			1								S
33176	9.481	0.014	8.014	0.008		1.236	0.013	T	1.19	0.01	L	8.0525	0.0016	0.017	190		8.02	8.08					1								
33177	9.431	0.024	9.389	0.032	A	0.000	0.495	G	−0.13	0.07	B *	9.1038	0.0032	0.020	69	*	9.08	9.14		R	06543−1415	I 1	2 C	A	AB	275	3.158	0.010	0.53	0.05	
33178	6.705	0.004	6.827	0.005		−0.110	0.002	G	−0.09	0.00	H	6.8274	0.0006	0.007	138		6.82	6.84		C			1								S
33179	7.929	0.009	6.654	0.007	A	1.400	0.495	G	1.01	0.02	L *	6.6783	0.0009	0.006	73	*	6.67	6.69		D	06544+2110	I 1	2 C	B	AB	188	1.283	0.023	3.29	0.12	S
33180	9.652	0.021	8.175	0.012		1.244	0.019	T	1.20	0.02	L	8.1951	0.0017	0.014	91		8.17	8.23		C			1								
33181	7.900	0.012	7.998	0.014		−0.084	0.017	T	−0.06	0.02	L	8.0145	0.0016	0.011	60		8.00	8.05		C			1								
33182	8.702	0.011	8.792	0.014		−0.133	0.010	G	−0.12	0.01	H	8.8308	0.0020	0.019	165		8.80	8.87					1								
33183	10.810	0.032	9.477	0.017		1.131	0.028	T	1.09	0.03	L	9.5272	0.0021	0.027	170		9.47	9.58		C			1								
33184	5.640	0.004	5.465	0.004		0.167	0.003	G	0.18	0.00	H	5.4954	0.0006	0.006	89		5.49	5.51					1 G								S
33185	9.800	0.018	9.136	0.016		0.605	0.018	T	0.67	0.02	L	9.2062	0.0018	0.018	129		9.18	9.23		C			1								
33186	7.936	0.010	7.798	0.011		0.125	0.014	T	0.14	0.01	L	7.8316	0.0016	0.010	79		7.81	7.85		C			1								S
33187	10.900	0.044	8.998	0.015		1.579	0.037	T	1.60	0.04	L	8.9545	0.0023	0.022	132		8.91	8.99					1								
33188	8.673	0.015	8.724	0.020		−0.040	0.015	G	−0.02	0.01	H	8.7246	0.0021	0.014	69		8.70	8.75		C			1								
33189	9.492	0.018	6.619	0.005		2.287	0.014	T	2.34	0.01	L	6.3385	0.0072	0.071	105		6.23	6.47		U 2			1	S							S
33190	8.928	0.015	8.899	0.020		0.031	0.023	T	0.05	0.02	L	8.9105	0.0015	0.012	68		8.89	8.94		C			1								
33191	7.921	0.008	8.012	0.010		−0.078	0.012	T	−0.06	0.01	L	8.0146	0.0013	0.010	87		7.99	8.03		C			1								S
33192	7.957	0.010	8.046	0.012		−0.076	0.014	T	−0.06	0.02	L	8.0453	0.0019	0.011	75		8.03	8.07					1								S
33193	9.963	0.024	8.009	0.010		1.621	0.021	T	1.64	0.02	L	7.9156	0.0012	0.011	114		7.89	7.94					1								
33194	7.687	0.008	7.681	0.009		0.010	0.011	T	0.03	0.01	L	7.6865	0.0007	0.009	82		7.67	7.70		D			1								S
33195	10.729	0.023	9.001	0.010		1.442	0.020	T	1.44	0.03	L	9.0159	0.0020	0.023	258		8.98	9.06					1								
33196	7.397	0.009	7.347	0.008		0.051	0.011	T	0.06	0.01	L	7.3708	0.0014	0.010	73		7.35	7.39		C			1								S
33197	9.268	0.012	8.472	0.010	*	0.675	0.009	G	0.73	0.01	H *	8.4602	0.0017	0.016	158	*	8.43	8.49		D	06545−2734	I 1	2 C	A	AB	284	0.693	0.003	0.21	0.01	
33198	8.806	0.012	8.802	0.015		−0.021	0.002	G	0.00	0.00	H	8.8166	0.0018	0.014	92		8.80	8.84		C			1								
33199	11.352	0.090	9.487	0.029		1.550	0.075	T	1.62	0.11	L	9.4927	0.0031	0.022	70		9.44	9.52					1								
33200	7.468	0.008	7.621	0.009		−0.118	0.003	G	−0.10	0.00	H	7.5968	0.0024	0.034	106		7.36	7.64		U 2 C			1								S P

Number		Descriptor: epoch J1991.25					Position: epoch J1991.25			Par.	Proper Motion		Standard Errors					Astrometric Correlations (%)										Soln	
HIP 1	2	RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	α (ICRS) deg 8	δ deg 9	10	π mas 11	μα* mas/yr 12	μδ mas/yr 13	α* mas 14	δ mas 15	π mas 16	μα* mas/yr 17	μδ mas/yr 18	δ α* 19	π α* 20	π δ 21	μα* α* 22	μα* δ 23	μα* π 24	μδ α* 25	μδ δ 26	μδ π 27	μδ μα* 28	F1 % 29	F2 30
33201	H	06 54 36.58	−45 53 33.0	8.65		H	103.652 408 76	−45.892 502 95	A	2.42	0.31	23.21	1.49	1.52	1.40	1.80	1.63	−14	+0	+2	−19	−8	+2	−10	−13	+18	+6	1	0.32
33202	H	06 54 38.59	+13 10 40.9	4.73		G	103.660 807 71	+13.178 016 28	A	35.79	70.19	−77.79	1.13	0.77	1.15	1.22	0.90	−21	+39	−22	−9	+5	−20	+10	−45	+21	−19	4	2.76
33203		06 54 39.54	+17 41 03.9	7.67	2	H	103.664 742 21	+17.684 418 31		2.60	−1.22	−7.84	0.92	0.56	1.03	1.00	0.67	−6	+31	−27	+1	−1	−16	−2	−27	+12	+2	0	−0.38
33204		06 54 39.71	+12 27 27.7	8.76		H	103.665 452 75	+12.457 682 27		0.87	3.26	−1.53	1.51	0.94	1.54	1.86	1.41	+4	+31	−32	−32	−31	−5	−36	−44	+5	+18	0	0.55
33205		06 54 39.78	+15 50 16.7	6.57		H	103.665 767 34	+15.837 975 77		4.94	−13.60	−12.43	0.76	0.48	0.85	0.86	0.60	−12	+34	−1	+8	+20	−29	+22	−35	−20	+11	2	−0.13
33206		06 54 40.13	+06 43 26.6	7.22		H	103.667 203 40	+06.724 061 36		4.07	−6.65	5.68	0.93	0.66	1.07	1.30	0.98	+4	+23	−7	−3	−1	−22	−1	−41	−16	+18	0	0.43
33207		06 54 40.55	+68 15 07.4	7.82		G	103.668 948 17	+68.252 057 89		9.82	−13.44	26.51	0.56	0.62	0.96	0.52	0.73	+10	+24	+3	−32	+5	−13	+13	−10	+25	+4	0	1.22
33208		06 54 41.21	−24 15 20.5	8.80	1	G	103.671 697 63	−24.255 688 05		1.77	−3.20	3.78	0.52	0.72	1.14	0.59	0.94	+14	−1	+5	+33	−24	+1	−19	−8	+9	+34	0	−0.05
33209		06 54 41.43	+36 56 22.1	7.72		H	103.672 645 83	+36.939 475 24		3.13	14.83	−17.37	0.92	0.62	1.08	1.46	0.88	+7	+19	−29	+2	−23	+36	+3	−50	+32	+46	0	2.37
33210		06 54 42.04	−01 45 23.3	6.20		H	103.675 179 25	−01.756 485 42		0.71	1.00	−0.14	0.70	0.53	0.83	0.70	0.62	−13	+27	+10	−42	+12	−10	+8	−52	−30	+9	0	−1.04
33211		06 54 42.58	−24 55 28.8	9.12		H	103.677 411 78	−24.924 664 91		3.46	−3.43	2.38	0.56	0.75	1.08	0.68	0.95	+11	+18	+6	+16	−16	+4	−12	−3	+8	+23	0	0.68
33212		06 54 42.85	+24 14 44.9	6.84		H	103.678 538 17	+24.245 792 82		32.23	−37.29	−96.36	0.93	0.50	1.01	1.09	0.75	−2	+43	−5	+1	+3	−2	+8	−42	+14	−3	0	−1.45
33213		06 54 43.61	−37 22 20.0	8.66		H	103.681 718 09	−37.372 229 93		2.31	−3.45	−21.65	0.59	0.69	0.80	0.75	0.92	+7	+9	−2	−8	+3	+18	+2	−18	−7	−2	0	−0.15
33214		06 54 43.97	−42 44 47.6	8.22		H	103.683 215 46	−42.746 560 23		4.37	7.47	−15.96	0.61	0.68	0.75	0.63	0.93	−12	+19	−9	−3	+6	−7	+7	−12	+7	−19	0	0.24
33215		06 54 44.64	−24 18 57.8	8.79		G	103.686 007 84	−24.316 052 76		0.19	−3.20	3.78	0.55	0.75	1.15	0.62	0.96	+18	+5	+4	+28	−27	+3	−22	−16	+3	+36	0	−1.38
33216		06 54 45.25	−21 52 15.3	9.20		H	103.688 552 58	−21.870 912 48		−1.49	0.09	−1.26	0.70	0.96	1.48	0.89	1.27	−10	+7	+3	−18	+4	−4	+5	−19	+13	−20	0	−1.64
33217		06 54 45.98	+48 54 18.3	6.99		H	103.691 578 67	+48.905 094 27		6.10	−15.21	−2.91	0.77	0.54	0.87	0.93	0.60	−17	+38	−17	−17	+5	+9	+9	−36	+3	+5	0	0.60
33218		06 54 46.70	+42 56 52.3	7.41		H	103.694 586 62	+42.947 858 56		7.60	−8.58	1.38	0.79	0.60	1.02	1.18	0.73	+3	+9	−30	−18	−38	+28	−20	−58	+21	+29	0	−0.17
33219		06 54 46.96	+29 49 38.4	7.95		G	103.695 671 48	+29.827 333 44		3.79	−4.46	−11.47	1.10	0.65	1.12	1.93	0.97	+28	+21	−22	+4	−30	+27	−1	−51	+24	+71	0	0.49
33220		06 54 47.59	−31 08 26.4	8.27		H	103.698 298 00	−31.140 667 45		7.43	−59.16	164.06	0.57	0.65	0.84	0.67	0.93	−6	+9	−4	+22	+1	+10	+1	+24	−2	+7	1	2.05
33221		06 54 47.94	−33 44 47.7	9.07		G	103.699 732 24	−33.746 591 00		9.11	−178.43	−148.74	0.69	0.69	1.01	0.91	0.97	+3	+6	−5	−6	−5	+39	−4	−4	−1	+10	3	−0.32
33222	H	06 54 48.00	−28 22 29.5	8.15		H	103.700 006 10	−28.374 874 03	A	11.43	−14.43	50.34	0.93	1.18	1.36	1.14	1.55	+9	−5	+7	+31	+9	−2	+11	+38	+10	+13	1	0.64
33223	H	06 54 48.08	+11 25 56.6	8.06		H	103.700 324 63	+11.432 399 38	A	9.54	9.25	−71.09	1.51	0.99	1.48	1.29	0.97	−26	+36	−26	−6	−18	+2	−17	−20	+8	+3	2	−0.18
33224		06 54 48.24	+62 27 35.7	8.53		H	103.701 014 16	+62.459 917 58		2.27	5.37	−2.34	0.86	0.77	1.17	1.27	0.76	+11	+17	−14	+25	−5	+29	+2	−25	+0	+20	0	−0.70
33225		06 54 48.92	−01 16 57.2	8.12	2	H	103.703 813 25	−01.282 547 19		2.92	−1.06	−3.96	0.96	0.70	1.11	0.93	0.83	−14	+17	+15	−37	+10	−2	+8	−48	−31	+2	0	2.04
33226		06 54 49.47	+33 16 08.9	9.89		G	103.706 104 65	+33.269 145 69		181.32	−729.33	−399.31	1.67	0.87	1.87	2.06	1.33	+5	+45	−18	−1	−12	+0	+7	−45	+23	+33	0	−0.23
33227		06 54 50.58	+03 14 15.0	7.68		G	103.710 757 47	+03.237 509 15		11.54	−15.31	−65.60	0.83	0.52	1.02	0.83	0.62	−43	+50	−38	−28	−3	−9	+1	−33	+15	−3	0	0.69
33228		06 54 50.63	−33 01 10.0	9.35		H	103.710 947 60	−33.019 436 94		11.61	−50.70	4.77	0.68	0.78	0.97	0.75	1.02	+1	+7	+8	+23	+1	+5	+2	+5	−1	+7	0	1.28
33229		06 54 51.37	−55 15 32.2	8.17		H	103.714 038 23	−55.258 938 04		29.35	−27.31	−160.70	0.61	0.57	0.64	0.67	0.63	−13	+15	+7	+22	−12	+12	−16	−2	−8	−27	1	−0.08
33230		06 54 52.40	+16 58 32.7	8.61		H	103.718 339 78	+16.975 754 92		1.70	1.45	−5.17	1.12	0.68	1.20	1.05	0.72	−4	+35	−17	−27	−3	−18	−6	−43	+0	+2	0	−0.39
33231		06 54 52.98	−05 50 18.3	8.53		H	103.720 743 46	−05.838 408 71		1.61	−10.51	−2.17	1.19	0.86	1.24	1.42	1.08	+19	+24	−17	−55	−28	−2	−27	−55	+5	+23	0	1.68
33232		06 54 53.16	−14 51 45.3	7.50		G	103.721 514 67	−14.862 589 92		8.62	2.09	−53.32	0.71	0.64	0.84	0.84	0.75	+5	+3	−22	−17	−15	−20	−18	−18	+22	−22	0	−1.56
33233		06 54 53.22	−67 53 58.1	8.77	2	H	103.721 751 69	−67.899 479 76		0.28	−4.77	8.88	0.74	0.69	0.74	0.79	0.82	+5	+23	+1	−23	−9	−3	−10	−10	−8	−3	0	2.00
*33234		06 54 54.24	−17 49 26.2	9.54		H	103.726 010 76	−17.823 956 44		1.09	−3.75	−0.11	1.01	0.99	1.35	1.05	1.13	−37	+26	−28	−4	+20	−19	+16	−9	+0	−37	0	−0.27
*33235		06 54 54.21	+73 18 55.7	9.67		H	103.725 889 41	+73.315 470 30		12.41	−58.02	−4.16	0.79	1.02	1.38	0.82	1.06	+16	−1	+2	+8	−1	+3	+0	−15	−10	+22	2	0.94
33236		06 54 54.58	+55 02 42.7	9.72		H	103.727 418 93	+55.045 193 33		1.40	−2.90	−4.97	1.35	1.03	1.59	1.47	1.07	−34	+23	+8	+16	+44	+15	+36	−41	−16	−39	4	1.05
33237		06 54 54.71	−01 22 32.9	8.36	3	H	103.727 955 73	−01.375 792 76		0.87	−2.02	2.03	0.95	0.68	1.11	1.00	0.87	−19	+27	+4	−40	+11	−9	+7	−51	−27	−1	0	0.92
33238		06 54 55.37	+00 48 10.2	9.52		H	103.730 695 52	+00.802 835 72		4.72	−26.95	−19.72	1.14	0.73	1.39	1.16	0.89	−11	+44	−12	−34	−9	−29	−12	−37	+4	−2	0	0.47
33239		06 54 56.75	+21 34 16.9	6.98		H	103.736 476 21	+21.571 372 42		2.41	−3.00	0.73	0.98	0.59	0.98	1.26	0.87	+33	+2	−21	−25	−37	−11	−41	−50	+26	+28	2	−0.29
33240	H	06 54 56.96	+11 57 56.7	7.81		H	103.737 352 10	+11.965 761 01	*	10.27	5.18	−52.97	1.10	0.68	1.23	1.10	0.86	−23	+47	−31	−2	−8	−16	−14	−20	+11	−27	0	−0.18
33241		06 54 57.03	+12 09 32.4	10.58		G	103.737 617 55	+12.159 011 07		20.63	−77.27	−373.88	2.24	1.44	2.39	2.36	1.92	−9	+31	−31	−12	−16	−9	−26	−29	+11	−28	0	−0.34
33242		06 54 57.92	+02 02 34.3	7.75		H	103.741 313 38	+02.042 857 82		1.16	6.67	−4.70	0.78	0.56	0.97	0.84	0.62	−10	+26	−35	−33	−14	+4	−5	−45	+25	+20	0	0.73
33243		06 54 58.92	−02 48 12.9	6.03		G	103.745 501 17	−02.803 587 13		2.59	−5.25	−0.45	0.73	0.57	0.85	0.72	0.58	−2	+5	−19	−45	−8	+6	−3	−54	−1	+27	0	0.82
33244		06 55 01.73	+73 23 45.8	8.20		H	103.757 193 18	+73.396 054 67		3.82	−2.30	5.52	0.50	0.64	0.86	0.51	0.66	+21	+4	−6	−1	−2	+6	−2	−12	−3	+22	0	2.01
33245		06 55 01.95	+55 56 55.6	8.11		H	103.758 143 40	+55.948 781 23		6.63	−2.16	−1.60	0.92	0.65	1.16	0.93	0.69	−30	+42	−14	+40	+10	+9	+14	−12	+14	−29	2	0.95
33246		06 55 02.14	−20 40 27.5	9.87		H	103.758 934 14	−20.674 318 74		−0.73	−2.05	5.63	0.74	0.93	1.58	1.01	1.28	+6	+13	+2	+3	+9	−8	+11	−16	+5	+8	0	0.47
33247		06 55 02.21	−11 46 14.0	8.14		G	103.759 222 07	−11.770 546 13		0.98	−5.03	3.07	0.94	0.70	0.99	1.02	0.80	−11	+30	−8	−30	+13	−7	+14	−26	+7	−14	2	2.09
33248		06 55 02.74	−20 24 17.5	5.80		H	103.761 409 34	−20.404 850 94		5.39	0.38	−10.35	0.41	0.43	0.69	0.52	0.51	+21	+11	−14	+4	+12	−1	+10	−25	+15	+15	1	−0.22
*33249		06 55 04.20	−37 30 01.3	8.10		H	103.767 487 33	−37.500 354 50		2.74	−9.61	13.78	0.59	0.63	0.75	0.69	0.86	+14	+5	+1	+23	+8	+17	+7	+4	−7	+6	0	0.16
*33250	H	06 55 04.10	−16 29 45.2	9.54		H	103.767 083 93	−16.495 902 60	A	0.08	−0.11	1.80	1.54	1.79	2.16	1.65	1.76	−40	+33	−19	+12	+25	+4	+15	−21	−3	−40	1	0.38
33251		06 55 04.45	+22 33 37.2	7.67		H	103.768 523 59	+22.560 337 19		4.43	−0.96	−13.44	0.94	0.61	0.98	1.16	0.91	−10	+18	+5	−22	+25	+4	+16	−54	−6	−35	0	3.00
33252		06 55 04.66	−06 38 23.3	7.96	2	H	103.769 399 05	−06.639 810 29		1.98	−1.42	2.05	0.79	0.56	0.90	0.80	0.63	−5	+33	−10	−37	−4	−11	+0	−40	+13	+1	0	1.44
33253		06 55 07.11	+04 37 25.5	8.13		H	103.779 618 09	+04.623 760 49		3.85	−10.77	−18.45	1.08	0.77	1.15	1.18	0.96	−34	+14	−1	−49	+16	−1	+12	−57	−21	−23	2	−0.77
33254	H	06 55 07.19	−38 33 23.1	7.45		H	103.779 958 11	−38.556 429 88	A	5.57	−18.70	−10.95	0.86	0.86	0.97	0.95	1.01	+4	−4	+7	−15	−7	+26	−12	−9	−3	+4	2	−0.12
33255	H	06 55 07.29	−08 29 56.3	7.80		H	103.780 385 07	−08.498 975 38	A	3.59	−2.44	−1.42	1.41	1.03	1.47	1.49	1.11	−15	+37	−28	−15	−13	+0	−6	−23	+14	−2	5	1.54
33256		06 55 07.30	−41 03 53.3	8.97		H	103.780 433 21	−41.064 814 88		2.97	−9.48	8.11	0.65	0.72	0.80	0.68	0.83	+0	+8	+4	+4	−9	+4	−10	−2	−7	−10	0	0.11
33257		06 55 08.72	−02 28 52.5	7.33		G	103.786 335 26	−02.481 242 42		0.10	−4.04	−3.54	0.89	0.70	1.05	0.85	0.77	−15	+0	+21	−46	+7	−5	+12	−59	−37	+11	0	0.86
33258		06 55 10.50	+14 13 42.1	8.26		H	103.793 760 26	+14.228 354 26		2.87	6.37	−2.78	0.94	0.62	1.04	1.03	0.79	+9	+24	+1	−7	−2	−15	−8	−33	−16	+1	0	−0.75
33259		06 55 11.33	+09 39 00.4	8.06		H	103.797 201 13	+09.650 097 30		5.60	−29.16	6.97	1.78	1.16	1.99	1.73	1.33	−22	+42	−26	−27	+8	−25	+5	−35	+10	−18	0	
33260		06 55 11.74	−21 52 19.0	8.72	1	H	103.798 907 86	−21.871 931 61		1.19	−4.31	4.16	0.53	0.75	1.10	0.70	0.94	−7	+12	−3	−13	+4	+2	+4	−20	+3	−16	0	0.83
33261		06 55 11.90	−09 19 16.2	7.73	2	G	103.799 586 03	−09.321 160 04		4.02	−2.12	−0.24	0.88	0.66	1.07	0.85	0.68	−4	+46	−15	−20	−17	−4	−4	−39	+23	−2	0	0.72
33262		06 55 11.94	+21 35 50.1	8.71		H	103.799 768 41	+21.597 238 14		1.70	−5.88	−7.59	1.21	0.72	1.18	1.44	0.99	+30	+15	−16	−36	−34	−18	−41	−54	+13	+21	2	−0.76
33263		06 55 12.03	−15 42 12.4	7.32		H	103.800 127 38	−15.703 447 41		2.23	−20.52	−15.26	0.79	0.69	0.93	0.91	0.76	+14	+8	−36	−24	−23	−1	−22	−34	+29	+3	2	0.62
33264		06 55 12.37	+50 34 19.4	7.93		H	103.801 545 69	+50.572 067 11		9.62	0.83	−32.07	0.79	0.65	1.01	1.01	0.76	−23	+27	−25	+3	−1	+7	+9	−30	+16	+3	0	−0.47
33265		06 55 12.40	−45 36 45.9	9.08		H	103.801 659 52	−45.612 749 60		2.62	−1.84	1.91	0.76	0.82	0.90	0.98	1.04	+6	+6	+7	−2	−11	−1	−10	−4	+16	−4	1	1.42
33266		06 55 13.20	−41 44 16.4	9.17		H	103.805 007 97	−41.737 878 50		2.77	4.22	5.28	0.70	0.74	0.85	0.78	0.89	−1	+0	−3	+2	−4	−2	−5	−4	+1	−11	0	−1.06
33267		06 55 13.65	+05 26 02.5	7.87	2	H	103.806 873 33	+05.434 017 02		0.80	−1.31	−1.68	0.84	0.60	0.98	0.94	0.77	−12	+29	−3	−25	+10	−30	+3	−44	−24	−2	0	0.65
33268	H	06 55 13.72	+27 21 10.9	8.53		H	103.807 176 78	+27.353 015 83	A	1.98	−3.63	3.98	1.88	1.21	2.06	2.60	1.57	+5	+25	−44	+1	−34	+37	+1	−47	+56	+49	2	−0.39
33269		06 55 14.66	+43 54 36.2	6.16		H	103.811 068 08	+43.910 048 08		3.75	1.64	−6.97	0.66	0.43	0.74	0.86	0.53	−6	+23	−11	+5	−20	−3	−14	−32	+9	+5	2	−1.09
33270	H	06 55 14.74	−29 02 17.8	7.02		H	103.811 405 32	−29.038 283 56	A	9.23	14.86	−77.47	0.61	0.70	0.85	0.69	0.93	−7	−2	+3	+14	−9	−7	−10	+11	−2	−3	1	0.07
33271		06 55 15.21	+45 49 35.7	6.31		H	103.813 388 98	+45.826 587 64		8.52	−31.15	−73.84	0.62	0.42	0.70	0.79	0.58	−11	+22	−4	+1	−10	−6	−9	−23	+14	−20	0	1.10
33272		06 55 15.66	+30 55 53.8	8.60		H	103.815 232 52	+30.931 607 41		7.36	−7.30	6.32	1.24	0.71	1.37	1.55	0.90	+2	+33	−21	+7	−19	+16	+4	−43	+27	+37	2	1.17
33273		06 55 15.87	−70 29 20.8	7.07		H	103.816 130 54	−70.489 114 23		4.23	1.09	15.61	0.53	0.43	0.50	0.53	0.48	−4	+20	+8	−46	+8	+7	+11	−13	+5	−10	0	−1.01
33274	H	06 55 16.08	−17 12 55.0	7.88	2	H	103.816 980 85	−17.215 277 51	*	2.67	−4.52	−0.46	2.22	2.75	1.44	1.48	1.58	+6	+28	−14	+32	+26	−1	+21	−1	+2	−11	3	0.28
33275		06 55 17.44	+05 54 37.7	7.60		G	103.822 646 67	+05.910 459 55		19.43	3.12	−0.42	0.83	0.59	0.98	0.97	0.77	−6	+27	−4	−9	+9	−25	+5	−34	−18	+4	0	−0.04
33276		06 55 18.22	−23 32 16.6	9.50		H	103.825 918 41	−23.537 952 32		2.53	−2.11	5.27	0.65	0.80	1.27	0.80	1.09	+12	+3	−8	+9	−14	+6	−10	−21	+26	+25	0	−0.87
33277		06 55 18.69	+25 22 32.3	5.74		H	103.827 877 99	+25.375 636 43		57.89	−35.75	25.14	0.84	0.48	0.90	1.01	0.59	−2	+39	−17	+16	−3	+18	+13	−37	+11	+29	2	−0.78
33278		06 55 19.73	−08 38 31.2	8.19		H	103.832 209 58	−08.642 003 51		3.03	4.58	−5.84	1.01	0.73	1.18	1.06	0.83	+16	+42	−15	−27	−27	+1	−18	−42	+15	+28	0	−1.58
33279		06 55 19.89	+15 40 45.3	8.53		G	103.832 863 68	+15.679 239 49		1.67	−5.90	−4.81	1.04	0.64	1.20	1.16	0.81	−8	+51	−15	−15	+12	−35	+8	−37	+6	−8	0	0.79
33280	H	06 55 20.52	+45 38 46.0	8.28		H	103.835 490 63	+45.646 119 21	A	2.73	−4.26	−19.29	2.44	1.46	1.58	1.91	1.34	−7	+17	−14	−7	−14	+3	−19	−34	+22	−7	0	0.34
33281		06 55 20.72	−10 11 19.4	7.93		H	103.836 316 59	−10.188 719 97		6.09	−20.59	−0.50	0.81	0.72	1.02	0.94	0.81	+4	+25	−23	−20	−18	+12	−9	−35	+19	+26	0	0.63
33282		06 55 23.43	+44 25 21.2	11.30		H	103.847 641 53	+44.422 553 62		19.33	36.43	−219.21	2.22	1.39	2.49	2.94	1.99	−17	+18	−5	+0	+1	−10	−2	−43	+1	−21	0	0.59
33283		06 55 23.92	−72 38 32.0	11.10		G	103.849 667 47	−72.642 211 27		11.40	−44.01	223.61	1.38	1.37	1.43	1.57	1.77	−1	+13	−8	−12	−10	+7	−10	−20	+11	−12	1	−0.37
33284	H	06 55 25.23	+48 33 52.1	8.39		G	103.855 121 67	+48.564 475 38	A	5.56	−14.83	14.68	2.09	1.60	2.17	2.64	1.66	−42	+34	−25	−6	+13	+3	+22	−39	−1	−12	1	0.63
33285		06 55 25.86	−09 38 57.6	8.55		H	103.857 744 71	−09.649 320 67		1.58	−2.31	1.33	0.86	0.70	1.07	0.93	0.73	−3	+34	−28	−11	−19	+6	−10	−34	+18	+8	0	−0.50
33286		06 55 26.73	+20 11 32.8	9.46		H	103.861 362 06	+20.192 448 98		2.12	−5.13	−13.61	1.41	0.90	1.50	1.71	1.26	+22	+12	−29	−40	−36	+8	−29	−57	+40	+32	0	−0.90
33287	H	06 55 28.35	+30 09 44.8	8.01		G	103.868 142 45	+30.162 451 18	A	25.54	229.84	−242.41	3.35	2.16	3.29	4.50	2.36	+17	+9	−35	−14	−29	+52	−6	−50	+49	+45	1	0.61
33288		06 55 30.76	−27 08 13.6	8.23		G	103.878 157 77	−27.137 122 32		0.28	−1.75	2.35	0.53	0.61	0.84	0.67	0.81	+2	+7	+2	+12	−15	−1	−15	−2	−3	+8	0	0.79
33289		06 55 30.85	+43 29 03.7	9.73		H	103.878 527 25	+43.484 369 01		3.68	5.26	−10.45	1.31	0.91	1.56	1.71	1.15	−21	+20	−17	+1	−19	+1	−14	−36	+15	−15	0	2.81
33290		06 55 31.56	−08 25 03.0	7.94		G	103.881 489 69	−08.417 507 73		1.97	0.93	1.72	0.83	0.58	0.98	0.91	0.70	+12	+42	−6	−13	−22	−12	−14	−27	+18	+3	0	0.49
33291		06 55 31.95	+37 54 55.6	6.73		H	103.883 106 53	+37.915 438 49	A	3.83	−25.05	−35.01	2.06	1.26	1.67	2.60	1.53	+15	+25	−15	+12	−8	+11	+7	−33	+16	+44	4	0.60
33292		06 55 32.28	−46 27 52.6	8.53		H	103.884 495 84	−46.464 612 40		1.74	3.25	5.74	0.75	0.73	0.83	0.96	0.77	+19	−1	+3	−20	−19	+17	−15	−8	+15	+5	0	−0.39
33293		06 55 32.38	+44 22 04.1	8.05		H	103.884 921 16	+44.367 817 70		2.20	8.76	−11.01	0.91	0.58	1.01	1.22	0.80	−9	+20	+1	+2	−8	−4	−8	−38	−3	−9	0	0.28
33294		06 55 32.89	−22 02 14.9	6.78		H	103.887 055 26	−22.037 463 36		1.43	−2.81	4.46	0.40	0.47	0.69	0.54	0.61	−4	+11	−1	−18	+10	−1	+10	−33	+10	−9	0	0.13
33295		06 55 33.28	+07 26 14.2	8.53		H	103.888 650 24	+07.437 268 31		2.85	0.69	−2.38	1.11	0.80	1.27	1.14	0.94	+9	+32	+11	−24	−9	−24	−17	−42	−25	+2	0	0.33
33296		06 55 33.54	+37 54 56.5	10.65		H	103.889 767 07	+37.915 689 71	B	3.83	−104.35	−34.21	116.78	57.89	1.67	86.62	52.28	+21	+0	+0	+0	+0	+0	+0	+0	+0	+48	4	0.60
33297		06 55 34.63	+08 19 27.4	6.28		H	103.894 287 92	+08.324 289 96		9.74	−23.05	−1.88	0.69	0.49	0.84	0.69	0.54	−2	+37	−25	−14	−4	−27	−8	−24	+11	+3	0	−0.25
33298		06 55 36.47	−33 48 24.7	6.99		H	103.901 948 07	−33.806 869 79		6.45	2.84	12.94	0.49	0.50	0.71	0.61	0.57	+7	−4	−21	+8	−20	+44	−14	−9	+11	+9	0	−0.20
33299		06 55 36.88	−09 29 15.4	9.84		G	103.903 670 36	−09.487 604 77	B	5.68	−22.97	−68.27	16.15	12.37	7.52	8.93	6.42	−16	+28	−20	−10	−9	+8	−6	−40	+14	−22	6	1.71
*33300		06 55 37.20	+24 00 28.9	7.77		H	103.904 990 73	+24.008 033 06		2.15	−1.02	−1.99	0.95	0.53	1.01	1.08	0.78	−3	+45	−5	+3	+14	−6	+18	−32	+15	−10	2	1.47

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
33201	9.207	0.015	8.902	0.017	A	0.700	0.495	G	0.35	0.08	L *	8.7287	0.0022	0.018	105	*	8.70	8.76		D	06546−4554	I 1	2 C A	AB	145	1.324	0.008	0.93	0.02	S
33202	5.060	0.004	4.735	0.004	A	0.321	0.016	G	0.36	0.01	L *	4.7265	0.0009	0.004	63	*	4.72	4.73		D	06546+1311	I 1	2 C A	AB	146	7.193	0.015	3.01	0.06	S
33203	9.835	0.026	7.934	0.011		1.650	0.020	G	1.63	0.02	J	7.7875	0.0037	0.024	88		7.75	7.82		U 2			1							
33204	9.989	0.033	8.869	0.021		0.965	0.030	T	0.95	0.02	L	8.9296	0.0022	0.016	70		8.90	8.96		C			1							
33205	7.724	0.008	6.661	0.005		0.921	0.007	T	0.92	0.01	L	6.7324	0.0009	0.008	81		6.72	6.74		C			1							S
33206	7.440	0.009	7.251	0.012		0.181	0.014	T	0.20	0.02	L	7.2779	0.0018	0.013	58		7.26	7.30					1							S
33207	8.280	0.008	7.865	0.009		0.392	0.011	T	0.46	0.01	L	7.9203	0.0011	0.016	171		7.89	7.95		C			1							S
33208	8.593	0.013	8.816	0.019		−0.156	0.005	G	−0.16	0.01	H	8.7485	0.0020	0.020	241		8.70	8.78		U			1							
33209	9.754	0.026	7.890	0.012		1.549	0.023	T	1.61	0.05	L	7.8369	0.0018	0.011	76		7.82	7.86					1							S
33210	6.836	0.004	6.317	0.005		0.487	0.006	T	0.56	0.01	L	6.3023	0.0009	0.008	94		6.29	6.31		C			1							S
33211	8.915	0.009	9.122	0.013		−0.149	0.007	G	−0.15	0.01	H	9.0724	0.0019	0.025	212		9.03	9.11					1							
33212	7.542	0.008	6.916	0.005		0.582	0.008	T	0.65	0.01	L	6.9706	0.0008	0.007	85		6.96	6.98		C			1							S
33213	10.851	0.044	8.861	0.014		1.686	0.038	T	2.04	0.09	O	8.7413	0.0022	0.018	113		8.71	8.77					1							
33214	9.683	0.021	8.336	0.012		1.142	0.019	T	1.11	0.02	L	8.3857	0.0013	0.012	106		8.37	8.40		C			1							
33215	8.558	0.011	8.742	0.016		−0.175	0.019	G	−0.18	0.02	H	8.7267	0.0015	0.021	242		8.69	8.76					1							
33216	9.362	0.011	9.232	0.014		0.126	0.017	T	0.14	0.02	L	9.2480	0.0020	0.029	222		9.20	9.31					1							
33217	7.175	0.007	7.022	0.006		0.147	0.009	T	0.16	0.01	L	7.0430	0.0010	0.009	72		7.03	7.05		C			1							S
33218	7.618	0.007	7.427	0.008		0.183	0.010	T	0.20	0.01	L	7.4685	0.0009	0.009	95		7.46	7.49		C			1							S
33219	7.975	0.011	7.941	0.012		0.016	0.003	G	0.04	0.00	H	7.9658	0.0013	0.012	70		7.95	7.99		C			1							S
33220	8.722	0.009	8.317	0.010		0.396	0.011	T	0.46	0.01	L	8.3640	0.0014	0.013	130		8.34	8.39		C			1							
33221	9.616	0.018	9.141	0.018		0.483	0.025	G	0.55	0.03	H	9.1823	0.0016	0.017	124		9.15	9.21		C			1							
33222	8.596	0.015	8.051	0.016	*	0.517	0.016	T	0.59	0.02	L *	8.2676	0.0017	0.017	154	*	8.24	8.30		D	06548−2822	I 1	2 C A	AB	192	2.319	0.011	2.07	0.04	S
33223	8.832	0.016	8.152	0.014	A	0.300	0.495	G	0.70	0.02	L *	8.1935	0.0019	0.011	69	*	8.17	8.21			06548+1126	I 1	2 C B	AB	332	3.247	0.035	3.51	0.14	
33224	9.965	0.023	8.635	0.013		1.129	0.021	T	1.09	0.02	L	8.6995	0.0024	0.019	102		8.67	8.73		C			1							
33225	9.265	0.020	8.213	0.014		0.913	0.018	T	0.91	0.01	L	8.2759	0.0015	0.020	84		8.25	8.32		U 2			1							
33226						1.580	0.040	G	2.56	0.09	I	10.0119	0.0032	0.025	73		9.97	10.05		C			1							G
33227	8.076	0.007	7.708	0.008		0.349	0.010	T	0.41	0.01	L	7.7613	0.0010	0.009	134		7.75	7.78					1							S
33228	10.232	0.023	9.450	0.019		0.695	0.023	T	0.75	0.02	L	9.4875	0.0015	0.020	148		9.44	9.52					1							
33229	9.108	0.013	8.263	0.010		0.771	0.020	G	0.80	0.02	A	8.3106	0.0014	0.012	119		8.29	8.33		C			1							
33230	9.826	0.025	8.706	0.016		0.965	0.023	T	0.95	0.02	L	8.7781	0.0019	0.013	80		8.75	8.80		C			1							
33231	10.651	0.043	8.755	0.016		1.575	0.036	T	1.59	0.04	L	8.6463	0.0022	0.015	70		8.62	8.67					1							
33232	8.172	0.011	7.547	0.009		0.561	0.015	G	0.63	0.01	H	7.6151	0.0016	0.012	90		7.60	7.63		C			1							S
33233	11.113	0.057	9.108	0.019		1.654	0.044	T	1.68	0.04	L	8.8729	0.0094	0.060	95		8.79	8.95		U 2			1 S							P
33234	9.451	0.018	9.512	0.026		−0.051	0.029	T	−0.03	0.03	L	9.5336	0.0035	0.028	99		9.48	9.57					1							G
33235	10.501	0.027	9.733	0.021		0.700	0.027	T	0.76	0.02	L	9.8142	0.0023	0.029	179		9.76	9.87		C			1							
33236	10.903	0.056	9.862	0.036		0.905	0.050	T	0.91	0.04	L	9.8708	0.0031	0.025	90		9.83	9.91		C			1							
33237	8.470	0.012	8.434	0.015		0.038	0.018	T	0.05	0.01	L	8.3763	0.0141	0.082	86		8.18	9.02		P 1 A			1							
33238	10.248	0.032	9.592	0.028		0.609	0.036	T	0.68	0.03	L	9.6511	0.0023	0.019	95		9.62	9.68		C			1							G
33239	6.941	0.006	6.971	0.007		−0.023	0.008	T	0.00	0.01	L	6.9810	0.0008	0.005	75		6.97	7.00		C	06549+2134	I 1	1							S
33240	8.251	0.011	7.839	0.013	*	0.389	0.016	T	0.45	0.02	L *	7.8995	0.0018	0.013	73	*	7.88	7.92		C	06549+1158	I 1	2 C S A	AB	128	0.132	0.030	0.92	1.02	S
33241						1.259	0.006	G	1.43	0.01	I	10.6848	0.0046	0.027	66		10.63	10.73		C			1							G
33242	8.895	0.011	7.850	0.008		0.908	0.010	T	0.91	0.01	L	7.9115	0.0008	0.011	111		7.89	7.93		D			1							
33243	7.427	0.008	6.144	0.005		1.102	0.002	G	1.01	0.04	E	6.1986	0.0013	0.008	85		6.18	6.22					1							S
33244	8.351	0.007	8.210	0.008		0.136	0.010	T	0.15	0.01	L	8.2511	0.0016	0.017	189		8.22	8.28					1							
33245	8.337	0.010	8.111	0.011		0.181	0.002	G	0.20	0.00	H	8.1696	0.0014	0.012	84		8.15	8.20					1							S
33246	9.754	0.016	9.877	0.026		−0.107	0.027	T	−0.09	0.03	L	9.8321	0.0025	0.027	203		9.79	9.88					1							G
33247	8.032	0.012	8.122	0.015		−0.073	0.015	G	−0.05	0.02	H	8.1202	0.0014	0.017	76		8.09	8.16		C			1							
33248	5.853	0.002	5.800	0.003		0.048	0.003	T	0.06	0.00	L	5.8223	0.0006	0.008	188		5.81	5.84			06550−2025	I 1	1							S
33249	8.072	0.012	8.099	0.015		−0.020	0.015	G	0.00	0.01	H	8.1057	0.0015	0.015	109		8.08	8.13			06551−3730	I 1	1							S
33250	9.213	0.022	8.956	0.044	*	0.008	0.002	G	0.03	0.00	H *	9.5518	0.0035	0.034	108	*	9.50	9.62		D	06551−1630	I 1	2 C A	AB	299	2.613	0.009	1.31	0.04	G
33251	7.974	0.012	7.690	0.011		0.270	0.015	T	0.30	0.02	L	7.7415	0.0013	0.011	77		7.73	7.77					1							S
33252	10.450	0.044	8.188	0.014		1.867	0.037	T	1.90	0.04	L	8.0553	0.0023	0.022	87		8.02	8.11		U 2			1							
33253	9.442	0.019	8.237	0.012		1.031	0.018	T	1.00	0.01	L	8.2925	0.0017	0.015	102		8.27	8.31		C			1							
33254	8.773	0.012	7.584	0.008	A	1.000	0.495	G	1.02	0.02	L *	7.6200	0.0014	0.010	121	*	7.60	7.64		C	06551−3833	I 1	2 C C	AB	288	1.821	0.036	3.91	0.19	S
33255	7.813	0.009	7.808	0.013	*	0.006	0.014	T	0.03	0.01	L *	7.8060	0.0020	0.014	84	*	7.79	7.83		D	06551−0830	I 1	2 C A	AB	251	0.671	0.014	2.64	0.06	S
33256	10.173	0.025	9.062	0.017		0.958	0.024	T	0.95	0.02	L	9.1364	0.0017	0.017	138		9.12	9.17		C			1							
33257	8.672	0.011	7.430	0.007		1.061	0.015	G	1.03	0.01	H	7.4907	0.0015	0.011	87		7.48	7.51		C			1							
33258	10.120	0.030	8.433	0.014		1.409	0.026	T	1.39	0.03	L	8.4000	0.0016	0.013	82		8.38	8.42		C			1							
33259	8.424	0.014	8.088	0.015		0.303	0.015	G	0.35	0.02	H	8.1318	0.0011	0.010	67		8.11	8.15		D			1 X S							
33260	8.552	0.007	8.698	0.010		−0.160	0.015	G	−0.16	0.02	H	8.6669	0.0033	0.034	217		8.62	8.72	2.31	P 1 A			1 S							
33261	7.699	0.012	7.715	0.013		−0.022	0.003	G	0.00	0.00	H	7.7285	0.0030	0.046	72		7.69	7.95	3.97	P 1 A			1							S P
33262	8.684	0.016	8.703	0.020		−0.013	0.023	T	0.01	0.02	L	8.7153	0.0015	0.012	72		8.70	8.73		C			1							
33263	9.267	0.017	7.470	0.008		1.496	0.015	T	1.52	0.02	L	7.4442	0.0018	0.015	87		7.42	7.46					1							S
33264	9.397	0.018	8.057	0.011		1.136	0.017	T	1.10	0.02	L	8.1008	0.0014	0.012	76		8.07	8.13					1							
33265	10.440	0.034	9.212	0.020		1.049	0.031	T	1.02	0.03	L	9.2425	0.0022	0.018	107		9.22	9.28		C			1							
33266	10.409	0.030	9.289	0.019		0.965	0.028	T	0.95	0.02	L	9.3358	0.0017	0.017	119		9.31	9.37					1							
33267	7.653	0.007	7.835	0.010		−0.157	0.011	T	−0.16	0.01	L	7.8159	0.0030	0.029	83		7.61	7.85		U 2 C			1							S
33268	8.914	0.016	8.566	0.017	*	0.330	0.021	T	0.38	0.03	L *	8.6098	0.0034	0.020	75	*	8.58	8.64			06552+2721	I 1	2 C A	AB	257	0.914	0.036	3.06	0.11	
33269	6.536	0.005	6.192	0.005		0.314	0.015	G	0.40	0.03	C	6.2390	0.0009	0.008	92		6.23	6.25					1							S P
33270	7.637	0.006	7.091	0.005	*	0.518	0.006	T	0.59	0.01	L *	7.1329	0.0011	0.011	162	*	7.12	7.15		D	06552−2902	I 1	2 C A	AB	30	0.696	0.005	2.02	0.02	S
33271	7.495	0.007	6.422	0.005		0.945	0.005	G	0.94	0.00	H	6.4753	0.0008	0.006	84		6.46	6.48		C			1							S
33272	9.911	0.029	8.708	0.018		1.029	0.027	T	1.00	0.02	L	8.7638	0.0020	0.015	77		8.73	8.79		C			1							
33273	7.037	0.005	7.071	0.005		−0.028	0.006	T	−0.01	0.01	L	7.0677	0.0009	0.006	117		7.05	7.08					1							S
33274	7.884	0.007	7.895	0.011	*	−0.005	0.012	T	0.02	0.01	L *	7.8901	0.0017	0.018	114	*	7.87	7.94		U 2	06553−1713	H 1	2 C A	AB	50	0.293	0.010	1.56	0.05	S
33275	8.201	0.010	7.649	0.009		0.518	0.015	G	0.59	0.02	H	7.7122	0.0010	0.009	78		7.69	7.73		C			1							S
33276	9.339	0.014	9.447	0.020		−0.093	0.021	T	−0.07	0.03	L	9.4749	0.0020	0.022	181		9.44	9.52					1							G
33277	6.479	0.004	5.819	0.004		0.573	0.010	G	0.70	0.07	F	5.8774	0.0005	0.004	73		5.87	5.88		D			1							S
33278	9.821	0.025	8.347	0.014		1.241	0.023	T	1.20	0.02	L	8.3503	0.0016	0.011	84		8.33	8.37		C			1							
33279	8.712	0.014	8.549	0.016		0.149	0.015	G	0.16	0.01	H	8.5706	0.0019	0.016	78		8.54	8.60					1 G							
33280	8.399	0.012	8.300	0.015	*	0.097	0.018	T	0.11	0.02	L *	8.3146	0.0014	0.012	83	*	8.29	8.34		D	06553+4539	H 1	2 C B	AB	313	0.404	0.048	3.24	0.14	S
33281	8.102	0.011	7.933	0.010		0.162	0.014	T	0.18	0.01	L	7.9838	0.0017	0.011	86		7.97	8.00		C			1							S
33282	12.235	0.210	11.485	0.186		1.344	0.035	G	1.56	0.05	I	11.3992	0.0066	0.050	79		11.31	11.47		C			1							G
33283	11.689	0.109	11.368	0.147		0.790	0.020	G	0.83	0.02	H	11.2529	0.0041	0.035	113		11.20	11.32		C			1							G
33284	8.708	0.022	8.258	0.021	*	0.468	0.015	G	0.54	0.02	H *	8.4960	0.0020	0.014	81	*	8.47	8.52		D	06554+4833	I 1	2 C A	AB	129	1.897	0.007	1.22	0.02	
33285	8.490	0.014	8.541	0.018		−0.035	0.000	G	−0.01	0.00	H	8.5464	0.0016	0.015	77		8.52	8.57		C			1							
33286	10.097	0.037	9.437	0.031		0.612	0.041	T	0.68	0.04	L	9.5861	0.0021	0.013	59		9.56	9.60		C			1							
33287	8.705	0.020	7.941	0.014	*	0.735	0.015	G	0.78	0.01	H *	8.1562	0.0014	0.013	63	*	8.13	8.18		D	06555+3010	I 1	2 C A	AB	131	1.588	0.007	0.31	0.02	S
33288	8.031	0.006	8.203	0.008		−0.150	0.004	G	−0.15	0.01	H	8.1838	0.0013	0.015	172		8.16	8.22					1							
33289	10.337	0.038	9.764	0.036		0.536	0.046	T	0.61	0.05	L	9.8480	0.0036	0.024	83		9.81	9.89		C			1							
33290	7.881	0.011	7.929	0.015		−0.048	0.015	G	−0.03	0.01	H	7.9372	0.0013	0.010	84		7.92	7.95		C			1							S
33291	7.929	0.009	6.846	0.004	A	0.937	0.008	T	0.93	0.01	L	6.8896	0.0081	0.020	76	A	6.86	6.91		D	06555+3755	I 2	1 C P D							S D
33292	10.449	0.034	8.682	0.015		1.472	0.029	T	1.49	0.04	L	8.6638	0.0022	0.017	101		8.64	8.69					1							
33293	10.136	0.030	8.256	0.013		1.562	0.026	T	1.58	0.03	L	8.1710	0.0025	0.016	87		8.15	8.20					1							
33294	6.545	0.003	6.745	0.004		−0.174	0.004	T	−0.18	0.01	L	6.7183	0.0008	0.010	214		6.70	6.74			06555−2202	I 1	1							S
33295	9.813	0.026	8.643	0.016		1.004	0.024	T	0.98	0.02	L	8.6978	0.0027	0.014	67		8.66	8.73		C			1							
33296	10.321	0.047	10.001	0.052	B	0.304	0.066	T	0.35	0.09	L	10.9342	0.2759			B				D	06555+3755	I 2	1 C L D							D
33297	6.336	0.004	6.279	0.004		0.037	0.005	G	0.05	0.00	H	6.2936	0.0006	0.006	73		6.29	6.30		C			1							S
33298	8.477	0.011	7.122	0.006		1.148	0.010	T	1.11	0.01	L	7.1606	0.0009	0.009	132		7.14	7.18					1							S
33299	10.776	0.069	9.869	0.051	B	0.795	0.020	G	0.83	0.01	H	9.9780	0.0431			B				D	06556−0929	I 2	1 C I A							
33300	7.539	0.007	7.734	0.011		−0.168	0.011	T	−0.17	0.01	L	7.7084	0.0013	0.011	80		7.69	7.72					1							S

Number HIP 1 2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5 6 7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9 10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ 13	Standard Errors α* mas 14	δ 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ 18	Astrometric Correlations (%) 19 20 21 22 23 24 25 26 27 28	Soln F1 % 29	F2 30
*33301	06 55 37.20	−38 40 01.3	7.88 G	103.904 988 60	−38.667 017 45	16.49	−55.81	50.96	0.58	0.60	0.73	0.72	0.75	+ 1 + 5 + 1 + 2 − 3 +21 − 4 − 8 − 9 − 7	0	−0.23
33302	06 55 37.40	−20 08 11.7	4.66 G	103.905 829 04	−20.136 593 48	34.21	51.35	39.75	0.42	0.43	0.70	0.52	0.51	+22 +25 −19 + 0 +21 −14 +21 −34 +32 +15	0	0.70
33303	06 55 37.69	−09 29 22.4	8.64 H	103.907 045 45	−09.489 548 20 A	10.90	−25.44	−70.51	3.30	2.77	3.13	3.42	2.61	−11 +25 −28 −26 −11 + 4 − 7 −45 +16 −11	6	1.71
33304	06 55 37.84	+42 02 36.8	9.43 H	103.907 662 12	+42.043 550 79	8.98	−85.31	−91.65	1.18	0.80	1.47	1.48	1.01	− 1 +26 +19 −24 −15 − 1 −17 −57 −21 + 0	0	−0.53
33305	06 55 39.22	−22 11 30.9	8.04 H	103.913 431 76	−22.191 922 14	4.05	4.62	8.53	0.53	0.64	0.95	0.75	0.84	− 5 +12 − 7 −12 + 7 + 0 + 7 −27 + 9 − 9	1	−0.75
33306	06 55 40.95	−68 30 20.9	6.86 H	103.920 625 80	−68.505 814 73	9.66	0.74	41.59	0.57	0.49	0.55	0.59	0.57	+ 3 +26 + 0 −16 −12 + 0 −10 + 3 + 3 − 7	0	1.25
33307 H	06 55 41.01	−53 39 36.5	9.05 H	103.920 894 10	−53.660 129 40 A	1.99	−7.29	10.97	1.40	1.27	1.31	1.47	1.40	−11 − 9 +12 −13 − 6 −12 − 7 −18 + 0 −25	1	0.39
33308	06 55 42.36	−80 50 17.0	7.75 H	103.926 512 97	−80.838 050 82	4.62	38.12	26.47	0.55	0.50	0.57	0.68	0.58	− 1 +19 +11 − 2 −11 + 1 − 7 + 9 + 6 −22	0	0.06
33309	06 55 42.84	−24 40 43.8	8.14 2 H	103.928 515 07	−24.678 841 30	1.32	−4.97	3.52	0.46	0.59	0.90	0.53	0.72	+15 +12 + 4 +21 −19 + 4 −15 −13 + 4 +28	0	0.31
33310	06 55 43.05	+08 27 36.8	8.85 H	103.929 366 18	+08.460 218 42	1.79	−1.15	−3.11	1.06	0.75	1.26	1.03	0.84	−10 +41 −27 −20 − 5 −22 − 8 −28 +10 − 6	5	3.52
33311	06 55 43.46	−25 11 32.4	10.00 H	103.931 077 12	−25.192 326 15	−0.63	−1.11	1.01	0.81	0.97	1.39	0.95	1.14	+ 0 + 8 − 1 +31 −14 − 6 −11 − 4 + 7 + 9	0	0.58
33312	06 55 43.59	+06 12 14.7	9.76 H	103.931 617 20	+06.204 073 97	−0.78	−3.73	−1.25	1.46	1.03	1.85	1.76	1.37	−25 +35 −25 −15 +12 −43 − 3 −26 − 7 −19	0	1.60
33313	06 55 44.54	+56 37 03.7	9.47 H	103.935 586 44	+56.617 684 19	3.51	−10.31	−12.80	1.16	0.81	1.37	1.33	0.94	−23 +20 − 6 +35 +15 − 8 +14 −17 +14 −28	0	−1.23
33314	06 55 44.72	+34 50 13.6	8.20 H	103.936 338 42	+34.837 110 64	1.33	2.34	−9.84	1.11	0.63	1.14	1.49	0.92	+ 6 +27 −14 + 9 −12 + 7 − 2 −35 +12 +26	0	3.02
33315	06 55 46.81	−53 37 26.7	8.58 H	103.945 051 03	−53.624 095 00	1.91	−23.48	16.45	0.75	0.69	0.80	0.84	0.77	− 2 − 2 + 9 −22 − 7 − 2 − 5 −14 − 4 −21	0	−0.45
33316	06 55 46.93	−22 56 29.2	5.29 1 H	103.945 541 33	−22.941 449 50	1.51	−3.24	4.18	0.39	0.43	0.64	0.53	0.55	+ 5 + 9 −16 + 3 + 5 − 7 + 5 −23 +17 + 4	0	−0.91
33317	06 55 48.23	+08 52 38.7	7.51 H	103.950 976 02	+08.877 429 54	1.36	−5.73	0.30	0.82	0.55	0.98	0.99	0.69	+ 0 +35 −16 − 5 + 2 −36 − 3 −10 − 6 +22	0	−0.35
33318	06 55 48.87	−13 44 36.6	8.19 H	103.953 611 21	−13.743 493 85	1.49	−0.90	2.22	1.02	0.77	1.09	1.46	1.05	+10 + 6 −26 −49 −17 +19 −10 −44 +30 +13	2	0.89
33319	06 55 49.28	−27 07 49.9	8.49 H	103.955 319 01	−27.130 525 65	1.27	−4.94	6.56	0.56	0.69	0.94	0.71	0.86	− 7 + 3 −10 +13 −10 + 5 − 9 + 9 + 4 + 2	0	−0.50
33320	06 55 50.74	−63 18 59.8	9.10 H	103.961 396 15	−63.316 602 16	9.70	2.27	−6.09	0.82	0.78	0.85	0.93	0.95	+13 +21 + 2 − 8 −14 +17 −14 −13 + 5 − 3	0	−1.39
33321	06 55 50.82	−58 24 37.4	9.22 H	103.961 759 98	−58.410 382 68	2.54	5.29	−17.54	0.75	0.84	0.83	0.84	1.07	−18 − 5 +10 +11 − 3 − 6 − 3 + 2 − 8 −24	0	−1.88
33322	06 55 52.03	+55 38 19.0	10.23 G	103.966 804 53	+55.638 618 21	38.78	87.51	43.49	1.44	1.06	1.86	1.55	1.17	−17 +36 −17 +36 +23 + 3 +22 −11 +12 −20	2	0.63
33323 H	06 55 52.95	−25 31 05.3	7.18 H	103.970 636 77	−25.518 144 54 A	13.00	33.42	32.30	0.60	0.76	0.89	0.54	0.70	+11 + 0 −11 +11 −12 + 0 −13 + 8 + 2 +16	1	0.03
33324	06 55 53.22	−56 56 38.2	7.39 H	103.971 761 21	−56.943 949 27	26.58	−7.36	632.34	0.55	0.51	0.55	0.62	0.66	+ 5 + 1 − 2 +30 − 5 + 5 − 7 + 5 + 4 + 2	0	−0.26
33325	06 55 53.36	+29 03 29.2	9.10 H	103.972 315 77	+29.058 113 64	4.23	14.80	−36.55	1.27	0.73	1.35	1.64	0.96	+ 3 +20 −13 +14 + 1 +13 +14 −40 +15 +27	0	0.08
33326	06 55 53.43	+18 29 30.2	7.63 H	103.972 630 14	+18.491 730 04	8.66	−13.35	−44.33	0.83	0.52	0.90	0.92	0.60	− 7 +38 −12 − 6 + 3 −17 + 9 −31 + 6 +17	0	0.15
33327	06 55 53.69	−50 05 09.4	8.17 H	103.973 700 45	−50.085 936 95	2.45	−7.29	20.88	0.68	0.74	0.76	0.84	0.97	− 7 + 6 − 8 −18 + 1 + 3 + 0 −24 +10 −21	0	0.00
*33328	06 55 54.25	−01 35 07.5	7.34 G	103.976 042 67	−01.585 410 43	5.14	−0.37	18.18	0.84	0.60	0.97	0.79	0.71	−17 +34 +12 −49 +12 −21 + 7 −58 −35 + 9	0	0.23
*33329	06 55 54.24	+35 38 57.2	11.21 H	103.975 999 20	+35.649 222 18	10.39	66.88	−186.15	2.75	1.71	2.95	4.60	2.61	+ 8 + 5 − 1 −22 −23 +34 −12 −56 +18 +39	5	2.46
33330	06 55 54.78	−31 47 24.7	6.36 1 H	103.978 242 54	−31.790 195 60	2.30	−8.17	6.67	0.44	0.45	0.58	0.56	0.63	+ 2 + 3 + 0 +27 − 1 − 3 − 3 +30 + 0 +22	0	1.64
33331	06 55 56.20	+27 17 09.2	7.21 H	103.984 171 07	+27.285 879 48	2.37	−6.68	−6.90	0.95	0.53	0.99	1.15	0.68	+19 +34 −25 + 8 −23 +13 − 4 −37 +21 +50	0	0.33
33332	06 55 56.89	+30 41 32.7	9.30 G	103.987 037 59	+30.692 426 56	6.66	−13.10	−2.16	1.58	0.92	1.41	2.38	1.29	+49 +15 −14 −35 −47 +18 −34 −68 +22 +68	7	0.66
33333	06 55 57.88	−33 04 18.4	7.78 H	103.991 155 10	−33.071 771 17	4.68	−19.36	7.40	0.47	0.54	0.68	0.51	0.69	− 3 − 4 − 2 +20 − 9 +10 −11 +15 + 0 + 0	1	−0.01
*33334 H	06 55 58.60	+65 14 22.5	9.96 H	103.994 168 65	+65.239 589 80 A	4.91	5.81	−0.29	3.48	3.82	3.93	4.18	4.01	+24 +12 + 4 + 6 +20 +21 +16 + 0 + 2 −18	1	−0.45
*33335	06 55 58.60	+71 52 58.0	7.95 1 H	103.994 150 11	+71.882 769 73	4.31	−2.64	−7.42	0.46	0.65	0.87	0.52	0.68	+15 +24 + 3 +19 − 1 + 5 − 2 −14 −10 +16	1	0.22
33336	06 55 59.72	−11 32 21.4	8.95 G	103.998 818 69	−11.539 275 19	1.92	−2.33	1.01	1.06	0.80	1.25	1.02	0.90	−18 +46 −15 −27 + 4 −13 + 1 −21 + 0 + 5	0	1.28
33337	06 56 00.05	+02 21 31.7	8.19 2 H	104.000 222 83	+02.358 801 63	0.42	1.75	−2.47	0.98	0.63	1.03	1.00	0.75	−10 +13 −22 −45 − 7 + 1 − 9 −46 + 6 − 9	0	0.26
33338 H	06 56 00.44	−47 29 44.2	8.98 H	104.001 815 62	−47.495 605 81 A	6.63	−34.48	18.79	1.25	1.28	1.31	1.46	1.35	+ 3 + 1 −21 +17 −12 +23 − 6 +10 + 6 − 6	1	−0.64
33339	06 56 00.44	−03 10 29.2	7.96 G	104.001 844 46	−03.174 773 28	−0.11	0.86	−2.68	0.93	0.66	0.98	0.87	0.70	−21 +16 −19 −54 + 9 − 6 + 9 −56 + 8 − 7	0	0.31
33340 H	06 56 02.26	+53 26 24.4	9.00 H	104.009 412 40	+53.440 100 12 A	7.08	26.32	−33.64	1.81	1.34	2.12	1.73	1.33	−28 +41 −24 +24 +33 + 1 +33 −17 +13 −34	1	1.22
33341	06 56 02.57	−35 42 05.9	8.71 H	104.010 724 21	−35.701 651 90	4.74	3.29	−0.53	0.62	0.76	0.86	0.66	0.84	+10 + 4 −10 − 3 − 9 + 8 − 9 − 5 − 2 + 8	0	1.98
33342	06 56 03.08	−34 43 01.5	8.11 G	104.012 840 65	−34.717 084 38	5.44	−13.89	42.62	0.56	0.59	0.72	0.67	0.67	+ 4 + 3 − 8 +21 − 9 +11 − 8 +16 + 5 − 2	0	0.19
33343	06 56 04.35	−21 30 21.3	9.17 G	104.018 110 10	−21.505 922 78	3.97	−2.75	4.38	0.60	0.81	1.27	0.77	1.13	−15 +10 − 2 −23 + 7 − 6 + 8 −28 + 7 −16	2	1.40
33344	06 56 04.60	−57 45 52.3	8.88 H	104.019 181 61	−57.764 532 22	3.93	7.15	7.61	0.72	0.70	0.75	0.84	0.91	− 9 − 1 + 1 + 4 −13 −20 −12 +13 + 9 −32	1	0.28
33345 H	06 56 06.65	−14 02 36.4	5.00 H	104.027 694 90	−14.043 446 44 A	3.59	−1.70	6.89	0.94	0.69	0.86	1.07	0.85	−26 + 2 −25 −45 +20 −20 +18 −25 − 1 −38	4	1.03
33346	06 56 07.75	−61 43 49.3	8.74 H	104.032 301 61	−61.730 359 66	2.90	−10.17	−37.42	0.71	0.65	0.71	0.81	0.76	+ 5 + 1 + 1 − 4 −16 − 8 −16 − 7 +16 −17	0	2.71
33347	06 56 08.23	−17 03 15.3	4.36 H	104.034 276 36	−17.054 246 75	1.06	−2.46	1.91	0.46	0.47	0.65	0.57	0.55	−34 +12 −18 +15 +11 −22 + 5 −11 +16 −45	0	−0.86
33348	06 56 08.67	+36 43 34.9	8.47 H	104.036 139 40	+36.726 351 33	5.16	−3.41	−9.74	1.07	0.68	1.26	1.62	1.02	− 4 +35 −30 + 2 −30 +24 + 5 −53 +35 +48	0	1.18
33349	06 56 11.52	+34 24 28.8	8.73 H	104.048 009 95	+34.407 999 78	2.39	−4.23	−3.42	1.16	0.60	1.19	1.34	0.90	+ 2 +50 + 3 +19 − 9 − 5 − 4 −12 +13 − 4	0	2.20
33350	06 56 11.78	+18 48 00.6	8.09 H	104.049 065 73	+18.800 171 64	4.53	−6.61	2.83	1.10	0.70	1.17	1.40	0.83	− 5 +33 − 4 + 9 + 4 −12 +16 −30 + 0 +33	0	−0.53
33351	06 56 11.96	+02 18 59.7	7.51 H	104.049 815 90	+02.316 579 30	2.52	−20.69	17.57	0.82	0.55	0.87	0.78	0.57	− 3 +17 −19 −46 −11 + 2 −10 −48 + 6 + 8	0	−1.04
33352	06 56 12.17	+12 34 49.8	7.36 H	104.050 708 25	+12.580 499 50	1.42	−0.74	−6.43	1.02	0.69	1.16	1.10	0.90	+13 +10 −40 −29 −23 − 4 −29 −52 +38 − 3	0	−1.89
33353	06 56 13.65	+08 44 43.3	7.03 H	104.056 891 99	+08.745 349 86	2.94	−4.63	2.13	0.80	0.54	0.95	0.78	0.58	+ 4 +38 −15 −17 − 3 −32 − 9 −21 − 1 + 6	0	0.28
33354	06 56 14.57	−46 59 18.0	9.87 H	104.060 691 61	−46.988 344 11	8.08	−8.91	43.44	0.94	0.94	1.05	1.22	1.05	+15 + 0 − 6 −19 −15 +18 −12 −16 +11 − 2	0	1.94
33355	06 56 14.74	+40 32 13.1	7.53 H	104.061 415 45	+40.536 980 97	16.50	3.88	−37.12	0.86	0.58	0.99	1.15	0.70	+ 9 +24 −12 −19 −35 +14 −26 −51 + 3 +27	0	0.75
33356	06 56 15.89	+25 57 35.4	9.26 H	104.066 221 90	+25.959 837 04	5.08	−11.10	−14.17	1.35	0.70	1.47	1.48	0.88	−19 +49 −28 +17 + 0 + 1 +24 −39 +20 +27	0	0.98
33357	06 56 15.99	−48 43 16.2	4.94 1 H	104.066 621 40	−48.721 164 48	3.07	1.57	8.40	0.46	0.45	0.53	0.53	0.57	− 7 +32 −14 −21 +10 −25 +15 − 7 +21 −24	0	0.03
33358	06 56 16.54	+17 44 14.1	6.75 H	104.068 908 50	+17.737 239 49	5.59	−19.14	−43.03	0.88	0.50	1.01	0.80	0.51	−14 +54 −29 −12 + 8 −33 + 0 −19 − 1 + 9	2	−0.29
33359	06 56 17.90	−38 36 34.8	7.68 H	104.074 568 15	−38.609 677 43	6.26	−16.18	9.51	0.55	0.56	0.70	0.65	0.70	− 6 + 7 − 4 − 1 − 1 +31 + 0 − 9 − 5 − 9	0	0.68
33360	06 56 18.75	+25 00 31.5	7.61 H	104.078 126 34	+25.008 751 35	7.95	−32.70	63.94	1.08	0.59	1.11	1.20	0.73	+13 +41 − 1 + 8 − 1 + 8 + 3 −36 + 1 +25	0	−0.51
33361	06 56 19.09	−03 48 25.5	8.06 2 H	104.079 520 93	−03.807 087 41	1.27	−0.35	1.69	0.86	0.67	1.05	0.87	0.71	−15 +33 −31 −28 − 3 + 0 + 5 −47 +11 +14	2	−0.79
33362	06 56 19.49	−21 41 54.2	9.70 H	104.081 210 03	−21.698 398 91	1.65	2.87	2.65	0.73	0.88	1.33	0.90	1.18	− 7 + 8 − 6 −30 +10 − 2 +10 −30 + 6 −17	1	−0.18
33363	06 56 19.56	+03 07 45.3	8.56 H	104.081 505 94	+03.129 258 44	2.93	4.71	−5.53	0.95	0.62	1.12	1.04	0.79	−36 +38 −22 −34 + 3 −20 + 2 −42 + 1 + 0	0	0.69
33364	06 56 20.56	+28 25 21.6	9.65 H	104.085 647 47	+28.422 662 99	6.39	−1.53	−18.55	1.42	0.76	1.45	1.91	1.11	+14 +21 −15 +17 + 1 − 2 +13 −37 +10 +35	0	1.49
33365	06 56 20.92	−37 31 17.3	8.28 G	104.087 169 34	−37.521 479 84	3.96	13.99	24.39	0.60	0.69	0.80	0.70	0.81	+18 +12 + 2 +19 + 7 +29 + 6 +19 − 7 + 9	0	0.30
33366	06 56 21.15	−51 37 38.1	9.38 H	104.088 120 37	−51.627 262 66	11.58	−0.33	82.46	0.81	0.88	0.93	0.98	1.20	+ 5 +10 − 4 − 3 + 6 −10 + 4 − 7 −11 −11	5	−0.96
33367	06 56 21.41	−56 05 25.5	9.02 H	104.089 196 82	−56.090 424 45	5.84	8.50	−34.06	0.84	0.74	0.83	1.00	0.98	−11 +14 + 3 +28 − 9 + 2 −10 +14 + 8 −22	0	1.08
33368	06 56 22.16	+46 59 27.8	10.91 H	104.092 347 29	+46.991 060 55	18.88	−73.50	−118.92	1.91	1.40	2.26	2.28	1.60	−24 +24 −25 −15 + 2 − 3 + 6 −49 + 6 −12	0	0.56
33369	06 56 22.81	+07 04 39.9	9.70 2 H	104.095 039 02	+07.077 749 14	3.57	1.52	0.81	1.47	1.09	1.74	2.08	1.56	− 3 + 4 −15 −14 − 9 −15 − 2 −43 −14 +29	0	0.12
33370	06 56 22.93	−28 02 18.3	9.97 H	104.095 551 66	−28.038 414 17	2.48	−5.09	5.15	1.88	2.25	3.03	2.56	3.28	+ 9 + 5 + 8 +22 + 5 + 5 + 5 + 5 + 5 + 7	0	
33371	06 56 23.24	−57 34 33.4	7.69 G	104.096 842 99	−57.575 942 36	16.25	37.79	−161.45	0.53	0.53	0.56	0.63	0.68	− 5 −11 − 4 +15 − 8 + 0 − 9 + 9 + 2 −15	0	−0.63
33372 H	06 56 25.84	+09 57 23.8	5.90 H	104.107 678 05	+09.956 599 59 A	5.81	−16.05	−8.98	0.91	0.58	0.92	0.77	0.57	−18 +24 −13 −29 − 3 −28 − 5 −33 +10 − 5	2	0.39
33373	06 56 28.03	+40 04 31.4	9.08 H	104.116 793 81	+40.075 390 20	41.53	115.46	−436.69	1.19	0.75	1.41	1.38	0.91	−13 +39 −17 −16 −24 + 2 −17 −48 + 8 − 2	0	2.02
33374	06 56 29.12	−72 38 46.1	9.21 H	104.121 339 65	−72.646 130 82	2.40	7.62	41.71	0.82	0.80	0.85	0.91	0.99	− 8 +19 −11 −14 − 4 + 3 − 2 −20 +10 −17	1	−1.18
33375 H	06 56 29.90	−40 59 25.1	7.96 G	104.124 573 82	−40.990 318 38 *	3.73	−8.84	14.32	1.16	1.39	0.80	0.66	0.87	+ 2 +17 + 2 + 2 − 3 +15 − 7 − 8 −26 −15	1	−0.09
33376	06 56 30.29	−13 03 33.7	10.23 G	104.126 224 81	−13.059 374 00	1.94	−1.55	1.61	1.55	1.35	1.85	2.33	1.74	− 2 +20 −25 −33 −23 + 4 −12 −34 +29 + 2	0	−0.43
33377	06 56 32.06	+46 16 26.4	5.85 H	104.133 584 87	+46.273 986 21	3.95	−3.59	4.98	0.61	0.43	0.69	0.78	0.50	+ 5 +19 −17 −12 −24 + 9 −19 −38 + 1 +16	0	−0.15
33378 H	06 56 33.13	−43 45 46.5	8.96 H	104.138 060 93	−43.762 911 82 A	2.70	−7.72	10.69	1.11	1.32	1.23	1.13	1.56	−13 + 7 −12 − 6 + 4 − 5 + 2 −15 + 8 −16	1	−0.59
33379	06 56 33.28	+00 06 22.6	7.47 H	104.138 678 76	+00.106 269 96	4.90	−20.61	14.92	0.75	0.52	0.97	0.88	0.64	−12 +35 −35 −25 + 1 −27 − 6 −25 −13 +48	0	0.81
*33380	06 56 34.16	−22 38 41.6	7.35 H	104.142 343 58	−22.644 892 07 A	3.39	20.16	9.38	1.43	1.65	1.94	1.70	1.96	− 8 − 1 −11 − 9 + 8 − 3 + 8 −14 + 7 − 8	13	2.80
*33381	06 56 34.09	−03 47 04.3	8.00 H	104.142 054 89	−03.784 518 91	0.83	7.89	−6.98	0.88	0.67	1.07	0.88	0.74	− 7 +28 −19 −32 − 7 − 7 − 8 −41 − 2 + 6	2	−0.36
33382	06 56 34.19	+01 09 48.6	7.41 G	104.142 459 97	+01.163 487 42	31.15	−8.91	−577.49	0.74	0.49	0.85	0.67	0.50	+ 7 +35 −14 −33 −17 −10 −14 −38 +11 +19	2	1.21
33383 T	06 56 34.42	+28 57 56.7	9.09 H	104.143 433 86	+28.965 754 98	23.46	−24.81	−11.41	24.68	14.99	27.04	26.43	18.57	− 9 +28 − 8 −11 + 5 +26 + 8 −52 + 5 − 8	0	
33384	06 56 34.48	−79 25 12.7	5.45 H	104.143 668 09	−79.420 189 13	9.17	−1.54	−1.61	0.46	0.44	0.48	0.45	0.44	− 6 +14 + 9 + 4 −12 +14 −15 −12 + 3 −16	1	−0.50
33385	06 56 35.02	−08 20 01.4	6.93 G	104.145 927 39	−08.333 723 90	5.57	−7.79	−4.32	0.83	0.56	0.93	0.78	0.58	+20 +48 − 9 −30 −29 − 3 −19 −42 +14 +20	0	−0.26
33386	06 56 35.34	−22 38 25.0	8.70 H	104.147 255 79	−22.640 272 11 B	2.99	11.44	27.58	7.17	7.91	5.87	5.30	6.52	− 1 − 1 − 6 − 8 + 4 + 1 + 5 −17 + 4 + 0	13	2.80
33387 H	06 56 36.08	−33 58 04.8	9.36 H	104.150 330 37	−33.968 003 50 *	1.22	−1.48	7.00	2.81	2.74	1.57	1.36	1.48	+14 + 8 − 7 + 8 −11 +25 −12 + 3 − 3 + 1	1	−0.09
33388	06 56 36.39	−64 34 34.2	8.89 H	104.151 610 08	−64.576 159 68	13.85	70.79	−9.09	0.67	0.67	0.70	0.76	0.82	+ 5 + 5 + 7 +11 − 9 + 7 −11 − 4 −12 + 4	0	−0.35
33389 H	06 56 36.65	+46 32 19.0	8.12 2 H	104.152 695 07	+46.538 615 27 A	4.15	1.83	−2.06	2.15	1.63	2.30	2.42	1.72	−33 +21 −23 −17 − 3 −15 + 4 −36 +20 −17	2	1.90
33390	06 56 37.42	−59 11 03.7	12.35 2 H	104.155 936 03	−59.184 368 20	22.34	−138.49	449.98	4.69	5.15	5.05	5.46	6.07	−15 − 2 + 5 − 3 + 5 − 5 + 3 −24 + 1 −25	1	
33391	06 56 39.42	−08 10 58.0	7.60 G	104.164 238 93	−08.182 770 14	3.14	−4.88	4.71	0.84	0.60	0.94	0.86	0.65	+15 +41 + 0 −18 −18 + 5 −14 −31 + 5 + 9	0	−0.80
33392	06 56 43.59	−60 41 11.2	10.05 G	104.181 628 84	−60.686 443 97	19.84	1.72	−224.11	1.08	1.03	1.09	1.23	1.21	− 9 + 6 + 9 +29 − 6 +15 −14 −13 −13 −26	0	−0.34
33393	06 56 44.45	+31 23 07.2	8.44 H	104.185 211 34	+31.385 327 65	4.37	−1.50	−10.96	1.18	0.72	1.30	1.55	1.00	+ 2 +21 + 7 − 6 + 7 +23 + 8 −49 + 8 + 4	0	2.03
33394	06 56 45.70	−35 20 28.9	6.27 H	104.190 431 91	−35.341 347 88	5.06	−2.37	5.52	0.42	0.45	0.55	0.46	0.49	+18 + 8 − 8 + 0 − 8 +12 − 7 + 0 − 1 +10	0	0.50
33395	06 56 46.13	−03 39 13.5	7.89 G	104.192 219 22	−03.653 737 94	2.16	−1.62	1.80	1.01	0.74	1.18	0.93	0.76	−26 +35 −23 −35 + 7 + 3 +18 −54 +15 +12	0	−0.24
33396	06 56 46.39	−51 00 57.7	7.24 H	104.193 290 38	−51.016 025 20	6.69	−7.32	−7.40	0.54	0.60	0.62	0.61	0.83	+ 9 +25 −10 − 4 −12 + 1 −14 −21 + 6 − 1	2	1.13
33397	06 56 47.57	+24 17 51.1	8.69 H	104.198 193 41	+24.297 534 46	4.53	−6.70	−1.96	1.15	0.69	1.21	1.34	0.87	+ 1 +39 + 3 − 5 + 6 + 2 + 7 −44 − 5 + 7	0	−0.64
33398	06 56 47.70	−54 47 44.5	9.06 H	104.198 741 79	−54.795 706 74	3.77	−12.25	33.43	0.77	0.73	0.84	0.84	0.89	−11 +12 +18 +11 − 8 +23 −14 +11 −31 −10	0	1.14
33399	06 56 48.57	+20 58 01.9	7.43 H	104.202 367 30	+20.967 183 31	0.36	0.11	−5.36	1.08	0.68	1.00	1.48	1.00	+48 − 9 −32 −40 −51 − 2 −55 −62 +30 +52	0	−2.79
33400	06 56 48.75	−50 45 22.1	8.35 G	104.203 122 26	−50.756 128 24	2.25	−7.32	13.12	0.63	0.64	0.70	0.72	0.83	− 4 +20 − 6 + 2 − 4 − 1 − 4 −10 + 9 −19	0	−0.32

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
33301	8.468	0.011	7.936	0.009		0.510	0.015	G	0.58	0.02	H	7.9813	0.0013	0.013	122		7.96	8.00		C			1							S
33302	5.113	0.002	4.722	0.002		0.374	0.009	G	0.46	0.02	A	4.7490	0.0004	0.005	193		4.74	4.76			06556−2008	I 1	1							S
33303	9.288	0.024	8.692	0.022	A	0.555	0.020	G	0.63	0.02	H	8.7567	0.0209	0.113	75	A	8.60	8.95		D	06556−0929	I 2	1 C P A							
33304	10.119	0.029	9.458	0.025		0.613	0.032	T	0.68	0.03	L	9.5616	0.0021	0.019	85		9.53	9.59		C			1							
33305	9.807	0.015	8.175	0.008		1.366	0.013	T	1.33	0.02	L	8.1889	0.0014	0.015	200		8.16	8.21					1							
33306	8.329	0.009	6.992	0.006		1.134	0.008	T	1.10	0.01	L	7.0335	0.0011	0.008	103		7.02	7.05					1							S
33307	9.142	0.016	9.094	0.020	A	0.000	0.495	G	0.08	0.05	L *	9.0740	0.0018	0.015	92	*	9.04	9.10		D	06557−5340	I 1	2 C A	AB	98	1.127	0.016	2.59	0.10	
33308	9.517	0.017	7.917	0.009		1.341	0.015	T	1.31	0.02	L	7.9046	0.0008	0.008	120		7.89	7.92		C			1							S
33309	7.914	0.005	8.103	0.007		−0.163	0.008	T	−0.17	0.01	L	8.0853	0.0023	0.024	215		8.05	8.13		U 2			1							
33310	8.896	0.016	8.894	0.021		0.007	0.024	T	0.03	0.02	L	8.8625	0.0021	0.014	69		8.84	8.89		D			1 S							
33311	10.016	0.019	9.981	0.028		0.037	0.031	T	0.05	0.02	L	10.0235	0.0024	0.034	215		9.97	10.09					1 S							G
33312	9.605	0.023	9.665	0.033		−0.050	0.036	T	−0.03	0.04	L	9.7513	0.0030	0.020	63		9.71	9.78		C			1							G
33313	9.467	0.023	9.424	0.030		0.044	0.035	T	0.06	0.03	L	9.4903	0.0034	0.022	78		9.46	9.55		C			1							
33314	10.321	0.039	8.434	0.015		1.568	0.033	T	1.59	0.03	L	8.3236	0.0016	0.014	69		8.30	8.35		C			1							
33315	9.738	0.022	8.673	0.015		0.923	0.020	T	0.92	0.01	L	8.7406	0.0016	0.015	94		8.72	8.77					1							
33316	5.093	0.002	5.276	0.002		−0.163	0.018	G	−0.09	0.03	C	5.2543	0.0006	0.007	169		5.24	5.26		M			1							S
33317	8.346	0.009	7.594	0.011		0.734	0.015	G	0.78	0.01	H	7.6589	0.0019	0.013	71		7.64	7.68					1							S
33318	9.399	0.025	8.297	0.017		0.951	0.024	T	0.94	0.02	L	8.3542	0.0019	0.013	64		8.33	8.37		C			1							
33319	8.429	0.008	8.477	0.010		−0.041	0.011	T	−0.02	0.01	L	8.4892	0.0017	0.019	171		8.46	8.52					1							
33320	9.626	0.017	9.120	0.017		0.486	0.018	T	0.56	0.02	L	9.2080	0.0022	0.019	100		9.18	9.24		C			1							
33321	10.661	0.040	9.376	0.022		1.093	0.036	T	1.05	0.04	L	9.3903	0.0015	0.017	98		9.36	9.42		C			1							
33322	12.070	0.145	10.379	0.052		1.352	0.010	G	1.57	0.02	I	10.3620	0.0028	0.023	89		10.31	10.41		C			1							G
33323	7.667	0.009	7.216	0.009	*	0.439	0.010	T	0.51	0.01	L *	7.2781	0.0011	0.014	211	*	7.26	7.30		D	06559−2531	I 1	2 C A	AB	96	3.466	0.010	2.96	0.05	S
33324	8.073	0.008	7.463	0.006		0.585	0.012	G	0.66	0.01	H	7.5201	0.0009	0.010	116		7.50	7.54		C			1							S
33325	9.553	0.019	9.163	0.020		0.369	0.026	T	0.43	0.03	L	9.1884	0.0025	0.019	77		9.16	9.22					1							
33326	7.915	0.009	7.659	0.012		0.235	0.015	G	0.26	0.02	H	7.6967	0.0012	0.009	72		7.68	7.71		C			1							S
33327	10.319	0.030	8.392	0.012		1.634	0.027	T	2.23	0.06	O	8.2348	0.0026	0.018	90		8.20	8.26					1							
33328	7.629	0.008	7.371	0.008		0.234	0.006	G	0.26	0.01	H	7.4052	0.0010	0.009	84		7.39	7.42		C			1							S
33329											T	11.3417	0.0050	0.032	55		11.29	11.43		C			1							G
33330	6.162	0.003	6.327	0.004		−0.155	0.004	G	−0.15	0.01	H	6.3077	0.0011	0.010	125		6.29	6.32		M	06559−3147	I 1	1							S
33331	7.117	0.006	7.200	0.008		−0.071	0.009	T	−0.05	0.01	L	7.1966	0.0011	0.008	81		7.18	7.21		C			1							S
33332	9.531	0.025	9.269	0.029		0.303	0.015	G	0.35	0.02	H	9.3573	0.0025	0.018	64		9.33	9.39		C			1							
33333	8.026	0.008	7.822	0.009		0.188	0.012	T	0.21	0.01	L	7.8441	0.0012	0.013	146		7.82	7.86		C			1							S
33334	11.025	0.061	10.317	0.051	*	0.652	0.065	T	0.72	0.06	L *	10.0952	0.0034	0.031	102	*	10.04	10.15		R	06560+6514	I 1	2 C A	AB	222	1.218	0.014	0.22	0.06	G
33335	10.172	0.018	8.181	0.007		1.650	0.015	T	1.67	0.01	L	8.0547	0.0016	0.019	207		8.02	8.09		U			1							
33336	8.967	0.015	8.970	0.020		0.040	0.015	G	0.06	0.01	H	8.9571	0.0019	0.017	72		8.93	9.00		C			1							
33337	10.334	0.029	8.382	0.011		1.654	0.026	T	1.94	0.07	O	8.2769	0.0029	0.028	106		8.22	8.31		U 2			1							
33338	9.768	0.022	9.097	0.020	*	0.611	0.023	T	0.68	0.02	L *	9.1139	0.0025	0.017	109	*	9.07	9.15		D	06560−4730	I 1	2 C A	AB	232	0.768	0.010	2.09	0.04	
33339	7.942	0.009	7.961	0.011		−0.010	0.015	G	0.01	0.01	H	7.9600	0.0010	0.009	91		7.95	7.97		C			1							
33340	9.584	0.022	9.084	0.021	A	0.559	0.072	G	0.49	0.04	L *	9.0964	0.0020	0.014	104	*	9.07	9.13		D	06560+5326	H 1	2 C A	AB	64	2.711	0.031	2.91	0.14	
33341	10.159	0.023	8.810	0.013		1.143	0.021	T	1.11	0.02	L	8.8734	0.0014	0.015	118		8.85	8.90					1							
33342	8.571	0.010	8.152	0.010		0.398	0.015	G	0.46	0.02	H	8.2031	0.0017	0.015	135		8.18	8.23					1							S
33343	9.043	0.008	9.160	0.012		−0.104	0.015	G	−0.09	0.02	H	9.1387	0.0018	0.025	257		9.10	9.18			06561−2130	I 1	1 S							
33344	9.438	0.014	8.917	0.014		0.498	0.015	T	0.57	0.02	L	8.9888	0.0018	0.018	108		8.96	9.01		C			1							
33345	6.401	0.008	5.091	0.007	*	1.182	0.005	G	1.30	0.04	E *	5.1180	0.0007	0.005	66	*	5.11	5.13		D	06561−1402	I 1	2 C A	AB	343	2.837	0.007	2.05	0.02	S
33346	10.271	0.027	8.865	0.015		1.188	0.024	T	1.15	0.02	L	8.9060	0.0021	0.017	108		8.89	8.94		C			1							
33347	4.292	0.002	4.377	0.002		−0.063	0.018	G	0.01	0.02	G	4.3690	0.0004	0.005	107		4.36	4.38					1							S
33348	8.732	0.014	8.493	0.015		0.244	0.015	G	0.27	0.02	H	8.5418	0.0019	0.013	78		8.52	8.56		C			1							
33349	8.779	0.014	8.727	0.017		0.053	0.020	T	0.07	0.02	L	8.7537	0.0020	0.013	65		8.74	8.78		C			1							
33350	8.016	0.011	8.073	0.014		−0.047	0.016	T	−0.03	0.02	L	8.0830	0.0024	0.015	68		8.05	8.12					1							S
33351	9.124	0.015	7.648	0.009		1.243	0.014	T	1.20	0.01	L	7.6738	0.0012	0.009	109		7.66	7.69		C	06562+0219	I 1	1							S
33352	8.650	0.015	7.469	0.010		1.012	0.014	T	0.99	0.01	L	7.5304	0.0014	0.008	65		7.51	7.54		C			1							S
33353	8.581	0.013	7.161	0.008		1.199	0.012	T	1.16	0.01	L	7.1986	0.0012	0.008	73		7.19	7.21		C			1							S
33354	10.578	0.039	9.959	0.036		0.573	0.039	T	0.65	0.04	L	9.9914	0.0040	0.027	95		9.95	10.03					1							G
33355	8.166	0.009	7.604	0.008		0.553	0.015	G	0.63	0.01	H	7.6548	0.0012	0.013	111		7.64	7.68					1							S
33356	9.940	0.032	9.325	0.028		0.573	0.037	T	0.65	0.03	L	9.3787	0.0018	0.012	68		9.36	9.40					1							
33357	7.141	0.007	5.145	0.004		1.668	0.069	G	2.05	0.02	A	5.0216	0.0029	0.020	95		4.99	5.05		U 2			1 S							S P
33358	8.124	0.010	6.876	0.005		1.064	0.009	T	1.03	0.01	L	6.9220	0.0009	0.007	86		6.90	6.94		C			1							S
33359	7.689	0.006	7.672	0.008		−0.002	0.006	G	0.02	0.01	H	7.6914	0.0009	0.011	123		7.67	7.72					1							S
33360	7.892	0.009	7.633	0.011		0.247	0.013	T	0.28	0.02	L	7.6763	0.0012	0.011	72		7.66	7.70		C			1							S
33361	8.119	0.008	8.064	0.010		0.050	0.011	T	0.06	0.01	L	8.0808	0.0048	0.034	87		8.04	8.14		U 2			1							
33362	9.881	0.016	9.719	0.020		0.156	0.024	T	0.17	0.03	L	9.7612	0.0024	0.029	235		9.71	9.81					1							G
33363	8.723	0.010	8.589	0.012		0.129	0.015	T	0.14	0.01	L	8.6036	0.0013	0.011	116		8.59	8.62		C			1							
33364	10.084	0.033	9.695	0.036		0.368	0.045	T	0.43	0.05	L	9.7399	0.0025	0.018	77		9.71	9.77		C			1							G
33365	8.355	0.010	8.308	0.012		0.042	0.002	G	0.06	0.00	H	8.3118	0.0016	0.014	113		8.29	8.34		C			1							
33366	10.193	0.027	9.450	0.022		0.665	0.026	T	0.73	0.02	L	9.5124	0.0017	0.015	95		9.48	9.54		C			1							
33367	9.867	0.024	9.116	0.020		0.686	0.025	T	0.74	0.02	L	9.1622	0.0026	0.018	93		9.13	9.19					1							
33368											T	11.0454	0.0037	0.032	79		10.99	11.09		C			1							G
33369						2.100	0.510	G	2.09	0.52	J	9.7716	0.0273	0.220	60		9.43	10.02		U 2			1							G
33370	9.879	0.020	9.909	0.030		−0.025	0.031	T	0.00	0.03	L	9.9725	0.0032	0.035	152		9.91	10.03					1 X							G
33371	8.421	0.009	7.756	0.008		0.612	0.004	G	0.68	0.00	H	7.8207	0.0013	0.010	128		7.80	7.84		C			1							S
33372	5.791	0.004	5.896	0.004	*	−0.085	0.002	G	−0.07	0.00	H *	5.8785	0.0007	0.005	61	*	5.87	5.89		C	06564+0957	H 1	2 C A	AB	206	0.748	0.009	3.27	0.04	S
33373	10.488	0.034	9.167	0.019		1.117	0.031	T	1.08	0.03	L	9.2150	0.0020	0.018	123		9.19	9.25			06565+4005	I 1	1							
33374	10.390	0.029	9.307	0.019		0.955	0.006	G	0.94	0.00	I	9.3519	0.0019	0.018	111		9.33	9.38		C			1							
33375	8.310	0.010	7.971	0.010	*	0.266	0.001	G	0.30	0.00	H *	8.0376	0.0016	0.017	138	*	8.01	8.07		D	06565−4059	H 1	2 C A	AB	4	0.295	0.009	1.93	0.12	S
33376	10.166	0.037	10.127	0.053		−0.040	0.015	G	−0.02	0.01	H	10.2394	0.0045	0.030	71		10.16	10.29					1							G
33377	5.741	0.003	5.833	0.003		−0.079	0.004	T	−0.06	0.01	L	5.8285	0.0006	0.007	90		5.82	5.84		C			1							S
33378	10.335	0.028	9.070	0.016	*	1.078	0.025	T	1.04	0.02	L *	9.1304	0.0022	0.021	114	*	9.10	9.16		C	06566−4346	H 1	2 C A	AB	318	0.676	0.022	2.95	0.11	
33379	8.803	0.014	7.594	0.009		1.034	0.013	T	1.01	0.01	L	7.6366	0.0011	0.008	96		7.62	7.65		C			1							
33380	8.977	0.015	7.447	0.008	A	1.285	0.013	T	1.24	0.01	L	7.5083	0.0115	0.034	186	A	7.38	7.54		D	06566−2239	I 2	1 C P C							S
33381	9.690	0.021	8.114	0.011		1.322	0.019	T	1.28	0.02	L	8.1584	0.0013	0.013	85		8.14	8.18		C			1							
33382	8.237	0.010	7.471	0.009		0.690	0.020	G	0.73	0.02	A	7.5365	0.0009	0.010	106		7.52	7.55		C			1							
33383	10.017	0.026	9.585	0.027		0.408	0.035	T	0.47	0.04	L	9.2143	0.0033	0.019	79		9.18	9.26		D	06566+2858	I 1	1 X S							
33384	5.508	0.002	5.463	0.003		0.041	0.003	T	0.06	0.00	L	5.4744	0.0004	0.005	113		5.47	5.48					1							S
33385	7.189	0.007	6.962	0.007		0.240	0.015	G	0.27	0.02	H	6.9941	0.0014	0.010	83		6.98	7.02					1							S
33386	9.768	0.027	8.539	0.017	B	1.050	0.025	T	1.02	0.02	L	8.7337	0.0278			B				D	06566−2239	I 2	1 C I C							
33387	9.390	0.019	9.364	0.025	*	0.029	0.029	T	0.05	0.02	L *	9.3775	0.0020	0.016	123	*	9.35	9.41		C	06566−3358	H 1	2 C C	AB	60	0.291	0.054	2.85	0.47	
33388	9.522	0.017	8.935	0.016		0.549	0.017	T	0.62	0.02	L	9.0047	0.0018	0.016	111		8.98	9.03		C			1							
33389	8.246	0.012	8.128	0.014	*	0.114	0.017	T	0.13	0.02	L *	8.1659	0.0183	0.084	82	*	8.11	8.30	1.76	P 1 A	06566+4632	I 1	2 C A	AB	210	7.536	0.006	1.11	0.03	S
33390						1.500	0.495	G	2.07	3.83	I	12.4067	0.0105	0.098	100		12.22	12.59		U			1 X S							D
33391	7.487	0.009	7.564	0.011		−0.070	0.015	G	−0.05	0.01	H	7.5728	0.0014	0.009	76		7.56	7.59		C			1							S
33392	11.305	0.071	10.037	0.036		0.964	0.009	G	1.01	0.01	I	10.1803	0.0027	0.027	109		10.14	10.24		C			1							G
33393	9.597	0.021	8.535	0.015		0.921	0.020	T	0.92	0.01	L	8.6026	0.0021	0.014	69		8.58	8.62		C			1							
33394	7.931	0.006	6.416	0.004		1.278	0.002	G	1.19	0.04	E	6.4304	0.0007	0.008	130		6.41	6.44					1							S
33395	8.561	0.012	7.949	0.011		0.540	0.020	G	0.61	0.02	H	8.0060	0.0017	0.012	81		7.99	8.03		C			1							S
33396	8.741	0.011	7.376	0.007		1.156	0.010	T	1.12	0.01	L	7.4021	0.0012	0.009	101		7.39	7.42		C			1							S
33397	9.838	0.028	8.777	0.020		0.920	0.026	T	0.92	0.02	L	8.8473	0.0017	0.012	77		8.82	8.87		C	06568+2418	I 1	1							
33398	10.425	0.032	9.170	0.019		1.070	0.029	T	1.03	0.02	L	9.2225	0.0019	0.018	119		9.19	9.25					1							
33399	7.272	0.008	7.402	0.009		−0.113	0.011	T	−0.10	0.01	L	7.3990	0.0014	0.008	63		7.39	7.41		C			1							S
33400	8.164	0.009	8.328	0.013		−0.129	0.002	G	−0.12	0.00	H	8.2967	0.0021	0.015	102		8.27	8.32					1							

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
33401		06 56 50.47	−67 13 38.9	8.90		H	104.210 277 69	−67.227 461 81		1.77	23.88	45.94	0.70	0.73	0.75	0.54	0.86	+9	+15	+7	−55	−11	−11	−4	+8	+9	−4	1	−1.22
33402		06 56 50.73	+13 40 18.5	8.73		H	104.211 389 86	+13.671 802 38		1.69	−5.66	−9.80	0.98	0.66	1.09	1.23	0.87	+7	+25	−2	+8	+2	−19	+2	−22	−6	+14	5	1.08
33403	T	06 56 51.05	−21 08 51.4	10.02		H	104.212 690 88	−21.147 600 27	A	−3.43	−0.25	4.10	1.87	2.51	3.40	2.23	3.27	−8	+6	−5	−11	+8	−7	+10	−24	−12	+8	1	0.69
33404		06 56 51.12	−21 08 29.3	12.84		H	104.213 010 64	−21.141 470 05	B	−3.43	−0.25	4.10	63.95	87.28	3.40	2.23	3.27	−4	+0	−1	+1	+1	−7	+2	+0	−12	+8	1	0.69
33405		06 56 51.63	−03 41 32.4	7.13		G	104.215 134 56	−03.692 337 20		10.91	−27.13	−20.62	1.02	0.81	0.98	1.18	1.06	+19	+31	−18	−56	−20	−25	−21	−74	+11	+22	2	1.39
33406	H	06 56 52.89	−05 28 44.6	7.99		H	104.220 391 26	−05.479 048 74	A	−0.12	−21.33	−4.21	2.82	2.12	2.24	2.68	2.09	−3	+29	−11	−31	−14	+15	−18	−38	−9	−21	1	2.01
33407		06 56 52.93	−20 07 57.8	9.40		H	104.220 562 23	−20.132 714 32		0.84	−2.84	2.14	0.82	0.82	1.33	1.11	1.10	+10	+27	−22	−2	+34	−30	+36	−29	+25	+16	0	−0.71
33408		06 56 53.65	−24 58 09.1	8.01		H	104.223 537 54	−24.969 193 78		3.19	−5.35	2.98	0.50	0.67	0.97	0.56	0.73	+9	+13	−8	+29	−21	+11	−17	−3	+5	+18	1	0.62
33409		06 56 53.78	+44 40 22.1	7.93		H	104.224 069 96	+44.672 800 10		3.93	−7.95	−6.45	0.88	0.58	0.98	1.15	0.81	−12	+20	−6	+3	−2	−5	−3	−29	+10	−18	0	−0.31
33410		06 56 53.99	−24 30 51.1	8.95		G	104.224 958 05	−24.514 199 84		2.70	−3.69	2.95	0.87	1.18	1.76	0.95	1.35	+10	+8	+1	+29	−24	+3	−21	−10	+3	+21	0	
33411	H	06 56 55.03	−28 41 48.7	8.35		H	104.229 286 36	−28.696 871 42	A	14.49	22.51	66.37	1.50	2.02	2.41	1.73	3.09	−1	+11	−17	+17	+6	+3	+8	+3	+2	+11	0	1.04
33412		06 56 55.27	−21 06 04.9	7.80	1	G	104.230 279 59	−21.101 374 23		1.00	−1.30	3.22	0.39	0.49	0.87	0.51	0.65	+0	+10	−7	−16	+4	−7	+5	−28	+11	+1	0	0.88
33413		06 56 55.50	+51 00 19.0	7.52		H	104.231 230 82	+51.005 287 39		5.06	−3.08	0.00	0.69	0.53	0.85	0.93	0.67	−15	+19	−20	+3	−15	+15	−5	−31	+20	+2	0	−0.25
33414		06 56 55.61	−17 04 43.3	8.44		H	104.231 688 88	−17.078 701 23		2.83	−4.69	2.57	0.72	0.72	0.95	0.90	0.86	−35	+13	−4	+13	+20	−6	+16	−29	+9	−44	0	−0.02
33415		06 56 56.13	+46 42 19.9	5.88		H	104.233 871 46	+46.705 537 54		9.76	−92.66	−76.25	0.64	0.45	0.75	0.74	0.50	−14	+35	−27	−14	−20	+4	−11	−41	+9	+4	0	1.09
33416		06 56 56.18	+68 11 38.0	8.36		H	104.234 096 89	+68.193 890 39		3.08	−0.23	0.06	0.63	0.66	1.01	0.56	0.75	+16	+23	+4	−36	+0	−10	+7	−13	+18	+10	1	1.16
33417		06 56 58.39	−34 23 35.4	7.99		H	104.243 271 37	−34.393 170 65		3.03	5.44	13.59	0.55	0.59	0.75	0.65	0.69	+9	+10	+4	+18	−2	+15	−2	+8	+1	+8	1	−1.24
33418		06 56 59.23	−76 38 35.6	8.94		H	104.246 787 33	−76.643 230 02		2.76	−6.02	19.35	0.75	0.66	0.77	0.85	0.82	−7	+37	+14	−11	+8	+1	+2	−26	−18	−25	0	−1.05
33419		06 56 59.79	+24 38 34.3	6.83		H	104.249 144 13	+24.642 858 83		5.24	−25.92	−25.65	0.94	0.55	1.00	1.05	0.67	−4	+43	−2	+6	+7	+15	+11	−40	−4	+12	0	−0.04
33420		06 57 00.10	−08 10 45.4	6.31		H	104.250 401 95	−08.179 266 21		3.57	−2.05	−11.84	0.75	0.54	0.83	0.96	0.76	+25	+40	+1	−45	−30	−20	−30	−50	−5	+30	2	−1.03
33421		06 57 00.54	+33 40 51.7	5.91		G	104.252 235 94	+33.681 036 29		8.47	−24.49	0.99	0.89	0.46	0.92	1.05	0.66	+4	+44	−4	+26	−3	−11	+6	−8	+10	+17	0	−1.37
33422	H	06 57 01.26	+24 57 27.9	7.62		H	104.255 254 37	+24.957 747 34	A	5.88	−21.32	−5.85	2.13	1.27	1.96	2.38	1.37	−15	+36	−2	+5	−9	+14	−1	−32	+17	+31	1	−0.09
33423		06 57 01.73	−19 26 19.7	6.64		H	104.257 227 74	−19.438 792 62		13.14	−0.36	−86.30	0.60	0.52	0.84	0.71	0.69	+1	+32	−19	+3	+16	−24	+17	−22	+18	+18	5	2.43
33424		06 57 02.10	+39 51 33.1	9.02		H	104.258 747 85	+39.859 194 63		8.06	8.46	4.65	1.17	0.69	1.41	1.29	0.86	−26	+49	−21	−6	−14	−9	−10	−41	+7	−16	0	−0.04
33425		06 57 02.22	−50 04 29.2	8.17		H	104.259 255 74	−50.074 790 27		3.21	−10.57	13.54	0.62	0.68	0.71	0.74	0.89	−10	+14	−13	−11	+1	+2	+1	−21	+10	−20	0	−0.64
33426		06 57 03.16	−17 05 54.8	6.92		H	104.263 168 41	−17.098 542 83		2.61	16.69	−8.89	0.57	0.57	0.78	0.71	0.65	−30	+16	−8	+20	+11	−10	+7	−15	+17	−42	0	−1.25
33427	H	06 57 03.97	−72 02 11.7	8.36		H	104.266 549 37	−72.036 577 34	A	10.75	−22.56	−75.07	1.18	1.08	1.10	1.27	1.27	−9	+27	+5	+6	−12	−17	−7	+3	+16	−19	1	0.81
33428		06 57 04.63	+30 45 25.3	9.68		G	104.269 296 58	+30.757 034 66		53.67	82.38	−224.57	1.81	1.04	1.86	4.02	1.89	+15	+9	−17	+21	−16	+22	+22	−44	+17	+74	5	1.16
33429		06 57 05.38	−32 26 27.4	9.07		H	104.272 418 46	−32.440 949 23		2.33	−3.53	−0.17	0.68	0.81	0.99	0.75	0.94	−3	−10	+9	+23	−16	−11	−16	+17	+1	−2	0	−1.15
33430	H	06 57 05.82	+32 17 24.1	8.45		G	104.274 246 05	+32.290 020 35	A	4.05	−2.74	−6.10	6.06	1.84	2.37	2.92	2.01	+28	+4	−8	−5	−3	+9	−9	−22	+30	−5	0	0.63
33431		06 57 06.10	−55 02 50.8	7.63	2	H	104.275 415 54	−55.047 436 23		2.03	6.43	2.80	0.58	0.56	0.63	0.63	0.68	−11	+11	+16	+18	−6	+23	−12	+11	−7	−23	0	−0.55
33432		06 57 07.93	−10 16 47.5	8.44		H	104.283 046 13	−10.279 872 13		0.32	−0.87	5.62	0.88	0.82	1.22	1.14	0.98	+15	+17	−43	−21	−33	+26	−17	−37	+36	+52	0	−1.67
33433		06 57 08.23	+41 58 02.4	8.85		H	104.284 293 41	+41.967 320 35		7.50	−13.77	−0.46	1.12	0.72	1.37	1.38	0.95	−8	+37	+19	+2	−8	−12	−10	−34	−10	−17	0	0.37
33434		06 57 08.97	−17 33 36.0	7.88		H	104.287 358 96	−17.559 998 78		2.88	−5.02	−1.43	0.62	0.66	0.86	0.78	0.77	−29	+13	−11	+5	+18	−17	+11	−29	+17	−48	0	1.19
33435		06 57 09.13	+05 06 08.4	8.90		H	104.288 037 66	+05.102 333 52		1.83	−0.72	0.39	0.97	0.62	1.17	1.03	0.82	−24	+31	−7	−32	−3	−16	−10	−38	−8	−15	0	1.53
33436		06 57 09.38	−10 49 28.1	6.90	2	H	104.289 100 04	−10.824 462 68		−0.24	−2.79	0.46	0.82	0.61	0.98	0.80	0.68	+0	+44	−27	−28	−11	−9	−4	−34	+18	+24	2	−0.18
33437		06 57 09.48	−08 32 31.1	8.08	2	G	104.289 498 95	−08.541 964 65		1.06	−1.04	0.22	0.92	0.68	1.10	1.00	0.75	+9	+43	−11	−2	−19	−2	−10	−23	+20	−4	0	−0.09
33438		06 57 10.11	−15 44 35.5	7.92	1	H	104.292 145 80	−15.743 200 97		4.42	−8.94	−22.93	0.81	0.69	0.96	0.89	0.79	+10	+17	−24	−26	−12	−26	−19	−31	+14	−4	0	1.03
33439		06 57 10.60	+49 55 36.0	9.44		H	104.294 172 20	+49.926 663 89		3.83	6.66	−2.97	1.18	0.77	1.32	1.44	1.01	−24	+36	−21	−38	+8	−6	+10	−45	+6	−2	0	−1.87
33440		06 57 11.61	−55 54 54.3	8.59		G	104.298 373 20	−55.915 090 34		1.83	−0.86	−1.05	0.75	0.67	0.76	0.90	0.89	−2	+8	+7	+14	−2	+2	−3	+5	+8	−17	0	−1.21
33441		06 57 11.81	−09 03 52.0	8.05	3	H	104.299 227 91	−09.064 442 28		2.59	−1.28	−18.48	0.82	0.66	0.97	0.95	0.73	+8	+26	−16	+2	−13	−8	−10	−23	+18	+3	0	−1.05
33442		06 57 12.17	−36 53 12.5	7.59		H	104.300 706 66	−36.886 807 58		2.37	−5.33	7.87	0.47	0.56	0.65	0.51	0.67	+12	+20	+2	+7	+0	+14	−2	+15	−7	+12	0	0.17
33443		06 57 12.47	−30 29 36.4	9.06	2	H	104.301 968 41	−30.493 441 00		1.43	11.02	−9.67	0.75	0.92	1.12	0.81	1.37	−4	+3	−4	+32	+16	+10	+25	+19	+11	+3	0	0.40
33444		06 57 13.12	+57 33 47.7	6.03		H	104.304 684 54	+57.563 249 00		4.87	13.15	15.61	0.68	0.54	0.86	0.80	0.72	−14	+18	+7	+8	+33	+6	+30	−21	+5	−34	0	−0.20
33445		06 57 14.00	+54 16 47.2	8.63		H	104.308 337 27	+54.279 772 44		10.83	−27.87	−18.91	0.92	0.73	1.14	0.96	0.73	−43	+22	+6	+14	+42	+19	+38	−39	−7	−45	0	−0.50
33446		06 57 14.29	−48 49 38.6	8.59		G	104.309 553 27	−48.827 391 57		2.09	−2.28	8.32	0.60	0.60	0.68	0.68	0.74	−5	+27	−9	−22	+8	−21	+12	−5	+12	−22	0	0.16
33447		06 57 14.77	−22 12 10.3	6.64		H	104.311 532 92	−22.202 874 36		2.78	−2.22	4.05	0.40	0.46	0.70	0.54	0.59	−1	+8	−11	−11	+8	−2	+8	−27	+19	−7	0	0.08
33448		06 57 15.51	−73 42 32.5	9.51		H	104.314 622 20	−73.709 033 58		3.02	−0.44	−10.12	0.85	0.87	0.91	0.92	0.99	−9	+12	+18	−4	−11	+4	−11	−1	+9	−28	0	0.21
33449		06 57 16.60	+58 25 23.0	4.35		G	104.319 160 52	+58.423 059 73		19.14	6.58	−123.53	0.54	0.45	0.76	0.59	0.59	−2	+29	+1	+19	+20	−12	+20	−12	+12	−19	0	1.17
33450	H	06 57 17.39	+41 07 03.7	9.80	3	H	104.322 441 76	+41.117 691 86	*	0.14	0.29	−2.23	1.31	0.94	1.61	1.61	1.12	−31	+16	−9	−15	−8	+17	+1	−52	+9	−14	0	2.61
33451	H	06 57 17.61	−35 30 25.9	6.23		H	104.323 388 04	−35.507 200 85	*	23.15	−40.38	19.58	0.44	0.47	0.56	0.50	0.53	+24	−5	−12	−17	−18	+13	−15	+4	−6	+19	0	1.03
33452		06 57 18.41	+47 16 39.3	8.05		H	104.326 707 67	+47.277 594 42		5.32	−0.28	−4.08	0.86	0.61	1.02	0.99	0.67	−15	+25	−4	−5	−6	+0	−6	−42	−19	−6	2	0.23
33453		06 57 18.50	+37 23 41.0	6.48	2	H	104.327 091 40	+37.394 732 53		3.28	0.94	−4.09	0.86	0.55	1.10	1.35	0.92	+3	+23	−40	+15	−36	+28	−4	−42	+51	+49	2	0.88
33454		06 57 20.18	+70 05 16.5	8.22		H	104.334 101 59	+70.087 927 86		3.59	1.58	−20.43	0.37	0.61	0.90	0.44	0.66	+12	+14	−4	+33	+7	+15	+14	−10	+4	+28	0	1.27
33455	H	06 57 20.36	−49 29 07.2	9.40	2	H	104.334 852 81	−49.485 326 80	*	11.76	−3.94	40.24	3.11	3.18	1.86	1.98	2.43	+15	+2	+2	−7	+4	+14	+2	−18	−2	−44	2	4.30
33456		06 57 20.92	−46 46 15.1	8.46		H	104.337 165 62	−46.770 862 37		2.92	−32.30	32.85	0.75	0.69	0.79	0.97	0.77	+20	+2	−4	−28	−23	+13	−17	−7	+12	+6	0	−0.20
33457		06 57 21.22	−11 07 03.5	9.51		G	104.338 419 20	−11.117 644 47		0.30	1.43	1.11	1.39	1.04	1.75	1.31	1.13	+4	+50	−16	−14	−1	−19	+3	−30	+9	+21	0	0.83
33458		06 57 21.48	−10 56 43.2	8.29	2	H	104.339 508 58	−10.945 322 45		−0.96	−2.12	3.90	0.96	0.70	1.19	0.94	0.78	−7	+47	−25	−25	−2	−13	+4	−34	+15	+19	0	0.11
33459		06 57 21.78	+59 11 07.8	7.81		H	104.340 770 34	+59.185 496 63		2.16	0.24	−18.31	0.71	0.58	0.93	0.77	0.72	+1	+28	+4	+20	+7	−9	+7	−21	+3	−3	0	−0.71
33460		06 57 22.56	−51 00 03.4	8.43		G	104.344 008 94	−51.000 954 39		11.43	43.03	42.59	0.62	0.69	0.71	0.72	0.94	−2	+18	−2	+9	+0	+2	−4	−19	−3	−13	2	0.31
33461		06 57 22.73	−16 23 08.4	7.98		H	104.344 699 75	−16.385 661 22		4.75	4.12	−6.30	0.69	0.71	1.00	0.84	0.84	−40	+18	−18	+28	+12	−15	+8	−8	+6	−42	0	−0.43
33462		06 57 23.26	+81 42 04.0	9.95		H	104.346 918 78	+81.701 105 09		0.97	1.91	−0.15	0.92	1.01	1.22	1.06	1.33	+10	+25	+11	+15	+5	−8	+6	−7	−15	+23	0	−0.59
33463		06 57 23.59	−05 25 09.4	8.52		H	104.348 276 43	−05.419 281 76		3.70	−6.47	−3.69	1.04	0.76	1.06	1.12	0.84	−10	+20	−8	−46	+0	+10	+3	−54	+7	−8	6	1.24
33464		06 57 24.04	−56 06 05.1	7.34		H	104.350 171 58	−56.101 404 95		3.70	−29.16	41.66	0.59	0.52	0.58	0.68	0.67	−6	+9	−4	+29	−9	+10	−10	+9	+6	−12	0	1.09
33465		06 57 25.59	+11 54 27.2	6.26		H	104.356 611 87	+11.907 561 40		0.50	0.63	−3.14	0.78	0.51	0.86	0.81	0.67	−21	+48	−21	−12	+3	−20	−1	−30	+13	−32	0	1.07
33466	H	06 57 25.78	+84 40 14.1	9.93		H	104.357 429 96	+84.670 595 35	*	3.69	3.60	1.27	0.92	0.93	1.11	1.17	1.20	+14	+13	−2	+12	+10	+8	+8	+12	−12	+29	3	1.30
33467		06 57 25.84	+52 50 43.6	9.07		H	104.357 653 39	+52.845 456 06		4.16	4.78	−26.05	0.99	0.70	1.13	1.27	0.87	+20	+39	−5	−28	−28	−9	−20	−45	+4	+38	0	2.62
33468		06 57 26.37	−60 51 05.4	8.38		H	104.359 863 44	−60.851 497 77		12.72	9.46	29.27	0.67	0.63	0.68	0.76	0.76	+1	+9	+13	+21	−5	+9	−10	−4	+3	−16	0	0.22
33469		06 57 26.70	+16 01 45.7	9.58		H	104.361 257 63	+16.029 353 59		4.66	−8.49	−2.13	1.41	0.98	1.62	1.79	1.20	−10	+32	−17	−11	−1	−37	−11	−22	−10	+4	0	0.07
33470		06 57 26.82	−54 17 05.3	8.98		H	104.361 769 78	−54.284 816 54		9.48	2.37	19.10	0.85	0.71	0.86	0.88	0.84	−14	+6	+24	−10	−5	+12	−8	−2	−16	−34	2	1.99
33471	H	06 57 27.54	−01 22 28.4	8.20		H	104.364 753 62	−01.374 565 95	A	2.80	−0.05	2.89	4.46	4.14	1.90	1.85	1.45	+2	+25	+12	−23	+4	−18	+5	−33	−24	+16	2	−0.06
33472		06 57 27.86	+43 13 45.6	7.47		H	104.366 070 00	+43.229 333 42		3.04	−20.20	−11.45	0.85	0.53	1.00	1.13	0.80	−12	+16	−17	+18	−24	−9	−22	−22	+28	−12	0	−0.73
33473		06 57 28.41	−55 40 04.0	7.37		H	104.368 369 48	−55.667 772 39		2.85	−1.89	8.73	0.52	0.50	0.55	0.62	0.64	+2	+11	+6	+7	−8	+11	−9	+7	+0	−9	0	−0.41
33474	H	06 57 29.05	+02 53 16.8	7.49		H	104.371 042 29	+02.887 989 45	A	7.58	−27.75	0.01	2.09	1.62	1.12	1.11	0.91	−39	+8	−5	−20	+10	−16	+9	−25	+2	−52	1	0.10
33475	H	06 57 31.38	−43 47 18.9	7.30		G	104.380 745 21	−43.788 582 85	*	4.24	−2.12	3.61	0.94	1.07	0.65	0.58	0.71	−22	−11	+7	+2	+1	−8	+1	−32	−1	−26	1	−0.90
33476		06 57 31.91	−16 53 22.5	7.24		H	104.382 955 46	−16.889 587 75		8.50	−8.52	30.68	0.57	0.58	0.80	0.73	0.70	−34	+12	−17	+18	+14	−18	+6	−15	+16	−50	3	0.61
33477		06 57 33.25	+19 43 45.1	7.42		H	104.388 555 24	+19.729 185 34		10.24	13.98	−111.89	0.96	0.58	1.14	1.28	0.89	+0	+33	−12	−7	−8	−39	−8	−20	+22	−7	0	−0.82
33478	H	06 57 33.97	−24 37 51.8	5.45		H	104.391 537 61	−24.631 055 94	A	25.94	−96.27	88.42	1.01	1.21	0.75	0.59	1.10	+16	+4	−9	+23	−27	+10	−16	+0	+12	+15	4	1.32
*33479		06 57 34.75	+38 46 59.0	10.08		H	104.394 810 71	+38.783 042 87		4.54	2.32	−30.63	1.50	0.84	1.60	1.92	1.16	−3	+39	−12	+15	−12	+8	+2	−36	+12	+20	0	−0.28
*33480		06 57 34.72	−23 09 28.3	7.34		H	104.394 675 45	−23.157 851 17		2.45	−3.04	−7.94	0.53	0.63	0.94	0.71	0.80	+6	+4	−23	−10	−2	+3	−2	−34	+29	+2	0	−0.32
33481		06 57 35.77	−35 27 58.9	7.27		H	104.399 023 81	−35.466 371 58		2.78	12.85	−47.75	0.50	0.56	0.66	0.58	0.65	+19	+0	−10	−14	−12	+11	−11	+7	+2	+16	0	0.03
33482		06 57 35.83	−16 29 23.8	8.34		G	104.399 280 48	−16.489 939 18		0.05	−3.46	−7.11	0.70	0.72	0.99	0.87	0.82	−38	+20	−19	+26	+26	−3	+17	−28	+0	−45	0	−0.34
33483		06 57 36.34	−53 36 44.3	8.24		H	104.401 420 47	−53.612 293 65		7.92	−36.45	42.41	0.68	0.67	0.75	0.77	0.74	−10	−6	+13	−15	+1	−2	+1	−27	−17	−28	0	0.50
33484		06 57 36.86	−07 47 59.8	8.76		H	104.403 582 99	−07.799 941 90		1.03	1.35	−4.83	1.09	0.80	1.23	1.06	0.80	+5	+36	−7	−37	−11	+10	−6	−51	+11	+9	0	−1.01
33485		06 57 37.12	+45 05 38.8	4.90		G	104.404 687 38	+45.094 102 02		14.49	−21.67	−3.18	0.62	0.43	0.69	0.85	0.51	−13	+18	−13	+4	+3	+2	+9	−35	−3	+8	0	1.11
33486		06 57 38.19	+52 16 12.3	9.21		G	104.409 141 79	+52.270 082 05		3.69	−5.31	1.55	1.01	0.71	1.21	1.23	0.85	+0	+36	−17	−14	−16	+2	−7	−48	+8	+22	0	−2.04
33487	H	06 57 39.06	−41 17 40.2	9.21	2	H	104.412 737 13	−41.294 499 45	A	12.21	48.45	−62.37	2.29	2.45	2.45	2.47	2.61	−1	+16	+0	−7	−5	−1	−10	+0	−25	−19	8	0.73
33488		06 57 39.20	−33 23 46.7	8.75		H	104.413 327 54	−33.396 314 40		7.91	−45.56	78.46	0.63	0.74	0.97	0.77	0.91	+5	+3	+6	+14	−7	+27	−9	+1	+23	+11	0	1.53
33489		06 57 39.42	−12 20 06.6	7.86		H	104.414 236 66	−12.335 174 89		0.54	−4.55	1.79	0.92	0.73	0.96	1.01	0.81	−28	+25	−17	−38	+18	−3	+21	−38	+15	−16	0	0.03
33490		06 57 41.07	+01 29 28.7	8.00		G	104.421 115 39	+01.491 303 84		0.33	−0.59	−0.46	0.87	0.57	0.92	0.93	0.70	−19	+32	−13	−40	+11	−1	+12	−45	+9	−28	2	0.46
33491		06 57 42.18	−23 27 25.4	8.20		H	104.425 765 51	−23.457 050 07		5.30	−3.43	0.20	0.56	0.71	1.01	0.78	0.90	+9	+4	+2	−6	+1	−4	+1	−35	+5	+7	5	1.31
33492		06 57 42.64	−27 32 15.1	6.22		H	104.427 652 74	−27.537 523 64		3.20	−8.99	7.60	0.40	0.45	0.65	0.55	0.65	+8	+13	−8	+16	−1	+7	−1	+18	−4	+21	0	0.52
33493		06 57 42.90	+17 54 07.3	7.16	2	H	104.428 767 66	+17.902 020 95		2.57	−3.91	−4.72	0.73	0.45	0.81	0.74	0.50	−6	+37	−9	−7	+9	−27	+8	−32	+1	−1	0	−0.77
33494		06 57 43.19	+40 49 44.7	7.59		H	104.429 960 33	+40.829 091 29		5.57	6.95	−22.28	0.84	0.56	1.05	1.12	0.70	−8	+13	−21	−12	−30	+17	−18	−52	+15	+13	0	2.11
33495		06 57 45.45	−52 38 51.2	6.91		H	104.439 384 20	−52.647 554 77		27.38	−11.55	−374.76	0.48	0.46	0.52	0.53	0.56	−4	+13	−4	−11	+0	−8	+0	−6	−1	−24	1	0.23
33496		06 57 46.02	+20 27 59.1	7.76		H	104.441 733 08	+20.466 421 96		2.00	−4.70	−4.26	0.93	0.59	0.94	1.12	0.81	+19	+23	−11	−24	−31	−13	−31	−37	+16	+14	0	1.04
33497		06 57 46.43	+22 53 34.4	7.62		H	104.443 449 97	+22.892 896 13		23.74	−141.52	−141.43	1.07	0.66	1.13	1.23	0.87	+7	+10	−20	−34	−10	+10	−10	−46	+18	−6	0	−0.18
33498		06 57 46.72	−42 01 43.4	8.10		H	104.444 661 57	−42.028 728 34		5.36	−8.13	30.64	0.57	0.71	0.75	0.60	0.89	+5	−7	−8	+11	+5	+3	+8	+30	−25	+2	0	0.95
33499	H	06 57 47.50	−44 17 27.9	10.81		G	104.447 925 05	−44.291 096 77	A	124.62	−1102.25	−42.57	3.67	4.91	2.64	3.47	4.58	−11	+9	+0	−17	+0	−12	+3	−21	+12	−12	7	0.38
33500		06 57 48.27	+34 47 48.0	10.47		H	104.451 132 92	+34.796 658 04		3.45	12.52	−0.15	1.74	1.03	1.83	2.33	1.47	−15	+18	+13	+15	+3	+4	+14	−44	−9	+7	0	−0.57

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
33401	10.108	0.026	9.003	0.017		0.953	0.024	T	0.94	0.02	L	9.0623	0.0023	0.019	108		9.03	9.09					1							
33402	8.796	0.013	8.746	0.016		0.051	0.019	T	0.06	0.01	L	8.7497	0.0017	0.014	78		8.72	8.77					1							
33403	10.091	0.021	10.042	0.030	A	0.050	0.034	T	0.06	0.03	L	10.0393	0.0294	0.037	293	A	9.97	10.11		D	06569−2109	I 2	1 C P D							D D
33404											T	12.8325	0.3011			B				D	06569−2109	I 2	1 C F D							D
33405	7.579	0.009	7.161	0.009		0.418	0.015	G	0.48	0.02	H	7.2181	0.0008	0.008	84		7.21	7.23		C			1 G							S
33406	8.321	0.012	7.955	0.018	*	0.347	0.020	T	0.41	0.03	L *	8.0713	0.0018	0.013	73	*	8.05	8.10		R	06569−0529	I 1	2 C A	AB	211	3.172	0.002	0.22	0.01	
33407	9.516	0.018	9.399	0.022		0.113	0.027	T	0.13	0.03	L	9.4393	0.0022	0.024	185		9.41	9.48		C			1							
33408	9.913	0.017	8.160	0.008		1.461	0.015	T	1.47	0.02	L	8.1405	0.0016	0.018	220		8.11	8.17					1							
33409	10.089	0.028	8.139	0.011		1.618	0.024	T	1.64	0.03	L	8.0464	0.0014	0.013	95		8.03	8.07		D			1							
33410	8.847	0.009	8.948	0.013		−0.100	0.015	G	−0.08	0.02	H	8.9080	0.0019	0.025	261		8.87	8.96			06569−2431	I 1	1 X S							
33411	9.325	0.017	8.626	0.014	*	0.632	0.017	T	0.70	0.01	L *	8.4876	0.0016	0.018	156	*	8.46	8.52		D	06569−2842	I 1	2 C A	AB	197	0.994	0.004	0.13	0.01	S
33412	7.612	0.005	7.771	0.005		−0.139	0.009	G	−0.13	0.01	H	7.7536	0.0009	0.015	296		7.73	7.78		M			1							S
33413	7.615	0.007	7.531	0.009		0.083	0.011	T	0.10	0.01	L	7.5527	0.0011	0.008	79		7.54	7.57					1							S
33414	8.380	0.019	8.443	0.025		−0.060	0.015	G	0.01	0.01	L	8.4437	0.0015	0.012	100		8.42	8.47		C			1							
33415	7.284	0.006	6.000	0.004		1.093	0.006	T	1.05	0.01	L	6.0520	0.0006	0.007	92		6.04	6.07		C			1							S
33416	8.345	0.007	8.352	0.009		−0.002	0.010	T	0.02	0.01	L	8.3720	0.0015	0.018	162		8.34	8.41					1							
33417	9.782	0.025	8.152	0.012		1.364	0.022	T	1.33	0.03	L	8.1442	0.0014	0.014	137		8.12	8.17					1							
33418	10.255	0.027	9.048	0.017		1.032	0.025	T	1.00	0.02	L	9.1101	0.0013	0.013	102		9.08	9.15					1 G							
33419	8.025	0.009	6.929	0.008		0.947	0.009	T	0.94	0.01	L	6.9963	0.0012	0.008	77		6.98	7.01					1							S
33420	7.078	0.006	6.407	0.005		0.641	0.018	G	0.71	0.02	H	6.4479	0.0010	0.006	78		6.44	6.46		C			1 G							S
33421	7.029	0.006	6.017	0.004		0.878	0.003	G	0.89	0.00	H	6.0727	0.0009	0.006	63		6.06	6.08		C			1							S
33422	7.825	0.015	7.599	0.019	*	0.216	0.023	T	0.24	0.03	L *	7.6888	0.0014	0.012	74	*	7.67	7.71		D	06570+2457	I 1	2 C A	AB	165	3.801	0.010	1.39	0.03	S
33423	7.195	0.004	6.705	0.004		0.473	0.004	T	0.54	0.00	L	6.7502	0.0008	0.011	157		6.73	6.77			06570−1926	I 1	1 G							S
33424	9.615	0.018	9.085	0.017		0.497	0.022	T	0.57	0.02	L	9.1304	0.0015	0.013	114		9.11	9.16		C			1							
33425	8.175	0.009	8.168	0.011		−0.009	0.003	G	0.01	0.00	H	8.1781	0.0012	0.012	91		8.16	8.20		C			1							S
33426	8.674	0.018	7.046	0.009		1.363	0.016	T	1.33	0.02	L	7.0700	0.0013	0.009	99		7.05	7.09					1							S
33427	9.046	0.017	8.377	0.014	*	0.573	0.004	G	0.65	0.00	H *	8.4828	0.0025	0.020	103	*	8.46	8.53		D	06571−7202	I 1	2 C A	AB	238	9.373	0.009	2.03	0.04	
33428	11.797	0.123	9.834	0.037		1.359	0.005	G	1.59	0.01	I	9.8170	0.0034	0.023	62		9.79	9.85		C			1							G
33429	10.671	0.033	9.186	0.016		1.250	0.029	T	1.21	0.03	L	9.2312	0.0020	0.019	140		9.20	9.27		C			1							
33430	8.750	0.013	8.432	0.014	*	0.317	0.015	G	0.37	0.02	H *	8.4926	0.0020	0.012	74	*	8.47	8.52		D	06571+3217	M 1	2 C A	AB	93	0.311	0.018	1.95	0.30	
33431	9.823	0.019	7.823	0.008		1.694	0.017	T	2.01	0.05	O	7.7095	0.0031	0.029	122		7.67	7.75		U 2			1							S
33432	8.416	0.012	8.431	0.015		−0.033	0.005	G	−0.01	0.01	H	8.4340	0.0022	0.017	78		8.40	8.47		C			1							
33433	9.467	0.019	8.917	0.018		0.515	0.023	T	0.59	0.02	L	8.9659	0.0025	0.016	92		8.94	8.99					1							
33434	7.863	0.009	7.879	0.011		−0.004	0.005	G	0.02	0.01	H	7.8848	0.0014	0.012	98		7.87	7.91		C			1							S
33435	8.839	0.011	8.874	0.014		−0.027	0.016	T	−0.01	0.02	L	8.9034	0.0014	0.014	117		8.88	8.92		C			1							
33436	7.278	0.007	6.982	0.007		0.281	0.009	T	0.32	0.01	L	6.9725	0.0045	0.034	71		6.91	7.03		U 2			1							S
33437	7.993	0.010	8.095	0.013		−0.094	0.012	G	−0.08	0.01	H	8.0599	0.0076	0.051	78		8.01	8.21		U 2			1							
33438	8.216	0.011	7.945	0.013		0.258	0.016	T	0.29	0.02	L	7.9883	0.0026	0.019	75		7.96	8.01		U			1							
33439	9.788	0.023	9.438	0.025		0.332	0.032	T	0.39	0.04	L	9.5223	0.0019	0.018	75		9.49	9.55		D			1							
33440	10.126	0.026	8.728	0.015		1.239	0.020	G	1.25	0.02	A	8.7526	0.0016	0.012	100		8.73	8.77		C			1							
33441	10.101	0.030	8.250	0.013		1.571	0.027	T	2.12	0.37	O	8.1142	0.0647	0.463	87		7.44	8.89	144.80	P 1 B			1							P
33442	7.527	0.006	7.583	0.007		−0.046	0.008	T	−0.02	0.01	L	7.5855	0.0013	0.010	117		7.57	7.61		C			1							S
33443	10.460	0.029	9.111	0.016		1.143	0.026	T	1.24	0.04	L	9.2239	0.0021	0.024	135		9.15	9.26		U 2			1 S							
33444	7.998	0.010	6.197	0.005		1.495	0.005	G	1.52	0.01	H	6.1505	0.0013	0.008	75		6.14	6.17		C			1							S
33445	9.204	0.015	8.684	0.014		0.488	0.019	T	0.56	0.02	L	8.7345	0.0014	0.015	96		8.71	8.77		C			1							
33446	8.483	0.010	8.546	0.013		−0.069	0.002	G	−0.05	0.00	H	8.5705	0.0015	0.012	99		8.55	8.59		C			1							
33447	6.376	0.003	6.591	0.003		−0.187	0.004	T	−0.20	0.01	L	6.5678	0.0007	0.009	203		6.55	6.59					1							S
33448	10.851	0.044	9.604	0.024		1.064	0.039	T	1.03	0.03	L	9.6746	0.0028	0.025	114		9.62	9.72		C			1							
33449	5.418	0.004	4.449	0.004		0.850	0.002	G	0.85	0.03	C	4.5021	0.0006	0.004	77		4.50	4.51		D	06573+5825	I 1	1 S							S
33450	12.711	0.290	10.202	0.044	*	1.600	0.510	G	1.57	0.52	J *	9.9217	0.0467	0.368	104	*	9.81	10.61	587.00	P 1 A	06573+4107	H 1	2 C S B	AB	180	0.144	0.041	0.72	1.08	G D
33451	6.772	0.004	6.281	0.004	*	0.465	0.013	G	0.53	0.02	A *	6.3328	0.0007	0.006	121	*	6.32	6.34		D	06573−3530	I 1	2 C S A	AB	302	0.140	0.006	0.41	0.25	S
33452	8.238	0.009	8.067	0.010		0.164	0.013	T	0.18	0.01	L	8.1092	0.0015	0.014	83		8.09	8.13					1							S
33453	8.676	0.013	6.702	0.006		1.673	0.012	T	2.39	0.03	O	6.5142	0.0045	0.031	69		6.48	6.56		U 2			1 S							S P
33454	8.269	0.005	8.215	0.006		0.055	0.007	T	0.07	0.01	L	8.2440	0.0010	0.016	299		8.21	8.27					1							S
33455	10.446	0.031	9.553	0.023	*	0.795	0.029	T	0.83	0.02	L *	9.5468	0.0042	0.043	104	*	9.50	9.61		U 2	06573−4929	I 1	2 C D	AB	324	0.238	0.009	0.10	0.17	D
33456	9.865	0.023	8.563	0.014		1.107	0.021	T	1.07	0.02	L	8.6284	0.0018	0.012	95		8.60	8.66					1							
33457	9.523	0.020	9.574	0.030		0.000	0.015	G	0.02	0.01	H	9.5415	0.0043	0.022	71		9.50	9.57		C			1							G
33458	8.186	0.009	8.270	0.012		−0.060	0.015	G	−0.04	0.01	H	8.2801	0.0037	0.024	71		8.24	8.32		U 2			1							
33459	7.894	0.007	7.818	0.010		0.075	0.011	T	0.09	0.01	L	7.8380	0.0015	0.012	74		7.82	7.86		C			1							S
33460	9.079	0.014	8.516	0.013		0.559	0.015	G	0.63	0.01	H	8.5573	0.0008	0.009	100		8.54	8.57		D			1							
33461	9.085	0.015	8.074	0.011		0.882	0.014	T	0.89	0.01	L	8.1356	0.0015	0.012	110		8.11	8.16		C			1							
33462	10.582	0.036	10.017	0.035		0.529	0.045	T	0.60	0.05	L	10.0620	0.0026	0.028	128		10.01	10.13					1 S							G
33463	8.505	0.012	8.505	0.016		0.005	0.018	T	0.03	0.02	L	8.5316	0.0017	0.012	79		8.51	8.55		C			1							
33464	8.557	0.012	7.448	0.008		0.956	0.011	T	0.94	0.01	L	7.4998	0.0009	0.008	99		7.48	7.52					1							S
33465	6.692	0.005	6.318	0.006		0.349	0.018	G	0.54	0.03	C	6.3590	0.0009	0.006	66		6.35	6.37		C			1							S
33466	10.003	0.024	9.926	0.032	*	0.076	0.037	T	0.09	0.04	L *	9.9601	0.0024	0.028	128	*	9.92	10.01		C	06574+8440	H 1	2 C S A	AB	99	0.186	0.017	0.80	0.42	
33467	9.500	0.017	9.093	0.018		0.385	0.023	T	0.45	0.03	L	9.1621	0.0021	0.013	83		9.14	9.19		C			1							
33468	9.118	0.014	8.455	0.012		0.605	0.014	T	0.67	0.01	L	8.5056	0.0016	0.013	105		8.48	8.53		C			1							
33469	10.779	0.056	9.690	0.035		0.941	0.051	T	0.93	0.04	L	9.7421	0.0034	0.020	70		9.71	9.77					1 G							G
33470	9.625	0.021	9.020	0.019		0.563	0.021	T	0.64	0.02	L	9.1026	0.0020	0.018	90		9.07	9.13		C	06574−5417	I 1	1							
33471	8.167	0.009	8.185	0.012	*	−0.012	0.014	T	0.01	0.01	L *	8.2017	0.0014	0.011	80	*	8.17	8.22		D	06575−0122	I 1	2 C A	AB	54	0.310	0.014	1.44	0.06	
33472	9.046	0.016	7.598	0.009		1.221	0.014	T	1.18	0.01	L	7.6292	0.0016	0.012	87		7.61	7.65					1							S
33473	7.260	0.005	7.356	0.006		−0.080	0.002	G	−0.06	0.00	H	7.3508	0.0012	0.008	103		7.34	7.36		C			1							S
33474	7.823	0.007	7.544	0.008	*	0.265	0.010	T	0.30	0.01	L *	7.5616	0.0011	0.010	105	*	7.55	7.58		D	06575+0253	I 1	2 C A	AB	142	0.340	0.003	0.16	0.03	S
33475	7.239	0.006	7.298	0.007	*	−0.053	0.003	G	−0.03	0.00	H *	7.2893	0.0012	0.010	114	*	7.27	7.31		D	06575−4347	H 1	2 C A	AB	143	0.236	0.004	0.72	0.10	S
33476	7.473	0.006	7.264	0.007		0.193	0.009	T	0.21	0.01	L	7.2988	0.0013	0.011	107		7.28	7.32		C			1							S
33477	7.713	0.008	7.446	0.007		0.254	0.015	G	0.29	0.02	H	7.4863	0.0011	0.008	74		7.47	7.50		C			1							S
33478	5.893	0.002	5.494	0.002	*	0.390	0.003	T	0.46	0.00	L *	5.5373	0.0006	0.007	249	*	5.53	5.55		D	06576−2438	I 1	2 C A	AB	248	0.328	0.004	1.66	0.02	S
33479	10.733	0.054	10.146	0.048		0.548	0.064	T	0.62	0.06	L	10.2022	0.0028	0.023	69		10.15	10.25		C			1							G
33480	8.127	0.008	7.417	0.007		0.653	0.009	T	0.72	0.01	L	7.4815	0.0010	0.014	179		7.46	7.50		C			1							S
33481	8.995	0.013	7.430	0.007		1.313	0.012	T	1.27	0.01	L	7.4251	0.0013	0.011	120		7.41	7.44					1							S
33482	8.325	0.010	8.318	0.012		−0.013	0.005	G	0.01	0.01	H	8.3394	0.0015	0.016	122		8.31	8.37		C			1							
33483	8.839	0.012	8.291	0.011		0.521	0.015	G	0.59	0.02	H	8.3551	0.0015	0.013	98		8.34	8.38		C			1							S
33484	10.015	0.033	8.838	0.021		1.009	0.030	T	0.98	0.02	L	8.9287	0.0023	0.016	69		8.90	8.95		C			1							
33485	4.945	0.002	4.904	0.003		0.027	0.004	G	0.05	0.03	C	4.9171	0.0006	0.004	83		4.91	4.93		C			1							S
33486	9.526	0.022	9.232	0.025		0.230	0.015	G	0.26	0.02	H	9.2846	0.0019	0.016	80		9.25	9.31					1							
33487	10.215	0.028	9.517	0.024	*	0.631	0.028	T	0.70	0.03	L *	9.3400	0.0022	0.023	121	*	9.30	9.54		U 2 C	06577−4118	I 1	2 C A	AB	149	1.082	0.006	0.16	0.02	P
33488	9.398	0.015	8.803	0.014		0.555	0.015	T	0.63	0.01	L	8.8712	0.0018	0.018	126		8.84	8.90					1							
33489	9.080	0.018	7.971	0.013		0.956	0.017	T	0.94	0.01	L	8.0279	0.0014	0.010	77		8.01	8.05		C			1							
33490	7.869	0.007	7.970	0.009		−0.110	0.015	G	−0.09	0.02	H	7.9782	0.0012	0.010	99		7.96	8.00		C			1							
33491	8.203	0.007	8.213	0.008		−0.008	0.009	T	0.01	0.01	L	8.2100	0.0016	0.016	171		8.18	8.24					1							
33492	6.019	0.003	6.195	0.003		−0.147	0.004	G	−0.14	0.01	H	6.1741	0.0008	0.007	156		6.16	6.19		C			1							S
33493	6.982	0.008	7.136	0.011		−0.134	0.012	T	−0.13	0.02	L	7.1199	0.0024	0.024	81		7.08	7.20		U 2			1							S P
33494	8.851	0.012	7.685	0.008		1.000	0.011	T	0.98	0.01	L	7.7511	0.0014	0.012	119		7.73	7.77		C			1							
33495	7.462	0.006	6.962	0.006		0.477	0.008	G	0.55	0.01	H	7.0136	0.0009	0.007	106		7.00	7.03		C			1							S
33496	7.652	0.009	7.732	0.009		−0.068	0.011	T	−0.05	0.01	L	7.7410	0.0012	0.010	72		7.72	7.75					1							S
33497	8.268	0.011	7.696	0.010		0.558	0.015	G	0.63	0.01	H	7.7465	0.0012	0.011	76		7.73	7.77					1							S
33498	8.401	0.009	8.127	0.010		0.258	0.014	T	0.29	0.02	L	8.1676	0.0014	0.012	110		8.14	8.19			06578−4202	I 1	1							S
33499						1.636	0.013	G	2.69	0.03	I *	10.8230	0.0048	0.040	101	*	10.74	10.90		D	06578−4417	I 1	2 C D	AB	354	1.268	0.019	0.02	0.07	G D
33500	10.996	0.080	10.379	0.068		0.574	0.092	T	0.65	0.09	L	10.5986	0.0035	0.021	60		10.54	10.63		C			1							G

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
33501		06 57 48.54	+26 52 25.9	8.86		H	104.452 234 59	+26.873 866 52		4.55	−9.77	−14.12	1.20	0.62	1.31	1.25	0.82	+3	+50	−16	+13	−5	+0	+11	−22	+26	+21	0	1.45
33502		06 57 49.36	−42 36 23.5	7.62		H	104.455 675 45	−42.606 523 04		8.10	−9.32	−6.53	0.52	0.57	0.63	0.55	0.66	−7	+12	+2	+8	−2	+7	−3	+5	−6	−13	1	0.00
33503		06 57 50.19	−64 51 11.1	9.39		H	104.459 138 39	−64.853 078 54		11.86	27.56	−61.29	0.77	0.85	0.86	0.81	0.92	+5	+11	+27	+15	−8	+1	−12	−2	−10	−7	0	0.06
33504		06 57 51.16	−21 56 14.0	9.37		G	104.463 177 57	−21.937 223 24		3.46	−4.95	4.73	0.64	0.81	1.30	0.87	1.11	−11	+5	−5	−12	+14	+1	+15	−31	+8	−9	1	0.86
33505		06 57 52.74	−40 22 45.1	9.28		H	104.469 762 24	−40.379 194 99		5.27	−15.35	11.08	0.67	0.84	0.93	0.76	0.99	−3	+10	+14	+5	+5	+18	+0	−2	−23	−12	0	−0.55
33506		06 57 53.23	+26 34 07.8	8.64		H	104.471 775 82	+26.568 834 92		−0.69	0.20	−3.17	1.25	0.63	1.37	1.29	0.80	−1	+52	−19	+16	−5	−1	+14	−21	+25	+26	0	0.80
33507		06 57 54.00	+41 42 20.1	6.84		H	104.474 989 08	+41.705 588 77		6.72	38.08	−54.69	0.80	0.51	0.94	1.01	0.68	−20	+23	+4	+5	−6	−4	−4	−39	+4	−19	2	−0.45
33508		06 57 54.54	−06 27 45.7	8.80		H	104.477 248 33	−06.462 687 05		3.18	−7.57	−2.04	0.99	0.81	1.18	1.05	0.96	−15	+31	−15	−26	+0	−6	−4	−29	−3	−22	4	1.84
33509		06 57 55.99	+06 32 56.9	7.68		H	104.483 291 58	+06.549 147 36		2.61	−0.46	−0.29	0.82	0.56	1.00	0.93	0.72	−8	+33	−18	−4	+0	−29	−8	−12	−19	+18	0	−0.37
33510		06 57 56.96	−49 08 48.4	7.38		H	104.487 342 65	−49.146 789 02		5.56	−10.01	21.35	0.51	0.54	0.59	0.58	0.66	+2	+16	−10	−7	−10	+3	−7	−6	+15	−8	0	−0.09
33511		06 57 57.37	−23 53 02.4	9.97		H	104.489 059 24	−23.883 994 86		3.04	−2.98	4.73	0.79	0.97	1.42	0.87	1.12	+4	−5	−5	+30	−22	−10	−21	−16	+5	+10	0	−0.18
33512		06 57 57.50	+08 09 31.6	8.56		H	104.489 572 62	+08.158 775 03		4.36	−4.05	−2.54	0.95	0.62	1.12	1.04	0.75	+5	+37	−14	−18	−14	−34	−20	−23	+2	+8	0	0.39
33513	H	06 57 57.81	+02 17 32.1	7.47	1	H	104.490 884 90	+02.292 238 14	A	5.73	1.56	−11.85	1.29	0.88	1.28	1.15	0.91	−9	+24	−23	−29	−7	+1	−4	−40	+16	−2	2	0.75
*33514		06 57 59.02	−44 35 50.3	8.77		H	104.495 917 69	−44.597 309 49		3.20	0.06	−1.47	0.72	0.75	0.83	0.71	0.91	−1	+0	−3	−19	+4	+0	+4	−19	+12	−12	0	0.49
*33515		06 57 59.01	−10 47 09.3	6.70		H	104.495 858 65	−10.785 917 06		1.81	−3.97	−5.40	0.75	0.56	0.87	0.78	0.63	+9	+33	−10	−22	−11	+0	−7	−27	+9	+18	4	0.16
33516		06 58 00.19	+40 02 14.4	9.36		H	104.500 797 89	+40.037 326 33		6.52	−6.16	−38.03	1.15	0.71	1.37	1.33	0.88	−4	+38	+1	−15	−20	−8	−18	−46	−6	+3	0	1.00
33517		06 58 00.69	−46 05 45.2	6.83		H	104.502 871 91	−46.095 892 46		5.36	−8.37	16.89	0.54	0.50	0.57	0.80	0.65	+15	−2	−15	−31	−19	+2	−22	−22	+4	+30	0	0.70
33518		06 58 00.70	+63 02 26.1	7.49		G	104.502 933 16	+63.040 595 88		2.95	−4.31	0.99	0.64	0.57	0.85	0.89	0.59	+3	+17	+8	−4	+17	+27	+11	−30	−3	+0	0	−0.66
33519		06 58 00.79	+48 29 46.6	8.06		H	104.503 300 36	+48.496 266 08		3.89	1.30	−5.09	0.91	0.62	0.98	1.14	0.71	−15	+30	−8	−13	+0	+1	+2	−41	−1	−5	0	0.00
33520		06 58 00.93	−00 22 33.5	10.85	3	H	104.503 895 50	−00.375 961 46		1.61	−0.39	−0.87	1.87	1.20	2.12	2.03	1.59	−3	+37	−16	−30	−18	−13	−20	−35	+4	+15	0	0.87
*33521		06 58 01.27	−14 49 11.0	8.27	1	H	104.505 278 26	−14.819 717 36		2.85	−1.75	9.71	0.88	0.81	1.07	1.12	0.94	−2	+15	−18	−28	−16	−21	−11	−23	+28	−33	0	−0.47
*33522		06 58 01.26	−20 58 00.6	9.38		H	104.505 244 51	−20.966 840 32		1.57	−2.68	4.19	0.58	0.75	1.36	0.73	0.96	−10	+12	−22	−24	+16	−11	+15	−36	+11	−4	0	−0.45
33523		06 58 02.12	−22 52 34.0	8.85		H	104.508 823 41	−22.876 110 21		1.70	−3.87	5.26	0.70	0.80	1.23	0.97	1.00	+8	+0	−2	+6	−1	+2	−2	−24	+15	+4	0	1.62
33524		06 58 03.11	+18 55 35.3	9.09		H	104.512 939 86	+18.926 461 01		8.35	−22.35	1.21	1.31	0.79	1.46	1.51	1.05	−14	+32	−3	−10	+2	−25	+3	−40	+3	−11	0	0.73
33525		06 58 03.72	+00 22 09.9	7.51		G	104.515 482 97	+00.369 428 97		8.54	−11.65	−11.32	0.76	0.52	0.91	0.81	0.58	+0	+24	−25	−30	−5	−22	−8	−35	+0	+34	2	0.43
33526		06 58 03.83	−38 59 56.3	9.50		H	104.515 971 22	−38.998 986 07		1.95	−15.10	19.56	0.86	0.89	1.06	0.94	1.01	−11	−12	−13	−8	−4	+8	−5	−12	+7	−19	0	−1.49
33527		06 58 05.68	+16 43 29.9	8.66		H	104.523 645 91	+16.724 976 96		0.14	−2.83	−2.40	0.98	0.61	1.16	1.28	0.78	−9	+34	−26	+5	+7	−36	+5	−16	+0	+20	2	0.49
33528		06 58 06.17	+37 31 09.0	9.93		H	104.525 723 39	+37.519 169 06		4.53	2.98	−21.67	1.41	0.88	1.75	2.16	1.37	+7	+11	−39	+6	−36	+22	−11	−52	+43	+47	0	−0.96
33529		06 58 06.59	+14 13 43.4	7.30		G	104.527 471 15	+14.228 716 00		1.41	−5.95	−10.12	1.01	0.60	1.09	1.14	0.72	+0	+44	−21	+16	+14	−7	+26	−29	+8	+37	5	1.11
33530		06 58 07.11	−09 01 38.3	7.03	2	H	104.529 644 89	−09.027 310 96		3.45	3.94	11.89	0.73	0.58	0.87	0.92	0.67	+8	+26	−21	−3	−19	−8	−16	−22	+17	+6	0	−0.07
*33531		06 58 07.56	+21 06 34.0	8.81		H	104.531 503 21	+21.109 439 12		1.11	−19.86	1.33	1.23	0.82	1.36	1.56	1.10	+9	+16	−33	−25	−20	+14	−13	−51	+26	+15	0	−1.42
*33532	H	06 58 07.56	−27 09 51.8	6.36		G	104.531 479 91	−27.164 391 85	*	2.24	−2.50	4.26	0.53	0.71	0.73	0.56	0.72	−3	+8	−8	+12	−5	+4	−5	+14	−5	+12	2	−0.20
33533		06 58 08.33	−30 44 47.1	7.13		H	104.534 721 41	−30.746 416 37		4.11	−11.57	−49.36	0.47	0.62	0.72	0.55	0.92	+1	+6	+0	+30	+9	+6	+12	+27	+19	+3	0	−0.34
33534		06 58 08.53	−10 18 56.6	6.58		H	104.535 555 37	−10.315 725 06		4.45	−7.34	5.56	0.74	0.61	0.98	0.91	0.74	+8	+31	−42	−18	−37	+27	−14	−44	+38	+45	2	−0.62
33535		06 58 09.93	−36 16 30.6	9.30		H	104.541 390 45	−36.275 167 55		2.10	−1.16	3.63	0.64	0.79	0.87	0.67	1.01	+5	+2	−3	+3	−10	+4	−12	+0	−4	+6	0	−0.39
33536		06 58 10.51	+60 47 25.1	7.76		G	104.543 797 49	+60.790 300 57		16.05	−43.57	−119.90	0.69	0.56	0.88	0.94	0.55	+30	+12	−20	+38	+8	+5	+5	−14	−5	+27	0	0.54
33537		06 58 11.72	+22 28 32.3	6.94		G	104.548 831 96	+22.475 647 59		41.25	47.91	98.53	0.94	0.60	0.88	1.20	0.87	+17	−1	−12	−46	−9	+12	−12	−57	+6	−4	0	1.79
33538		06 58 11.89	−05 04 29.2	8.71	2	H	104.549 553 28	−05.074 790 72		3.60	−2.54	−1.78	1.02	0.78	1.13	1.13	0.87	+7	+21	−20	−52	−22	+9	−16	−55	+18	+24	0	−0.69
33539		06 58 12.22	+43 27 17.7	9.88		H	104.550 896 03	+43.454 906 41		5.24	−3.96	−7.14	1.33	0.92	1.65	1.81	1.33	−9	+24	−24	−5	−34	−3	−28	−35	+28	−5	0	−1.75
33540		06 58 13.46	+14 14 57.2	7.36		G	104.556 067 01	+14.249 233 84		4.84	−9.31	−9.18	0.98	0.57	1.01	1.21	0.72	+14	+32	−13	+21	+8	−6	+18	−20	+3	+44	0	2.27
33541		06 58 13.95	−17 46 45.1	7.57		H	104.558 112 81	−17.779 183 55		4.04	25.34	−2.12	0.64	0.62	0.88	0.83	0.75	−26	+16	−16	+7	+18	−10	+13	−32	+20	−40	0	−0.15
33542		06 58 14.27	+58 36 07.8	8.14		H	104.559 447 85	+58.602 162 00		11.63	33.83	−94.18	0.80	0.55	1.08	0.90	0.73	−7	+38	−13	+30	+21	−1	+32	−26	+26	+1	0	−0.44
33543		06 58 15.98	−35 25 08.9	7.62		H	104.566 576 21	−35.419 151 41	C	1.20	−5.45	4.83	13.46	14.49	2.27	2.02	2.63	+7	−3	−7	−20	−5	+9	−2	+4	−7	+11	11	5.55
33544	H	06 58 17.18	−35 25 08.9	7.57		G	104.571 589 87	−35.419 146 74	A	1.20	−5.45	4.83	2.01	2.17	2.27	2.02	2.63	+5	+9	−1	−15	−6	+9	−3	+10	−7	+11	11	5.55
33545		06 58 17.52	+03 53 44.9	7.05		H	104.573 013 02	+03.895 802 23		3.08	−0.22	−4.59	0.91	0.62	0.96	1.01	0.81	−47	+20	−3	−53	+30	+1	+26	−58	−15	−36	0	0.70
33546		06 58 17.82	+07 52 28.4	8.06		H	104.574 267 32	+07.874 548 22		3.31	24.65	−27.34	0.95	0.66	1.17	1.10	0.85	−4	+33	−19	−21	−1	−35	−13	−28	−15	+11	0	1.69
33547		06 58 18.03	+03 30 25.8	8.49	1	H	104.575 134 41	+03.507 170 88		−0.16	3.76	−4.02	1.23	0.83	1.23	1.37	1.07	−57	+33	−15	−51	+36	−3	+36	−61	−3	−40	0	0.42
33548		06 58 18.09	+80 55 42.4	8.86		H	104.575 377 06	+80.928 439 58		15.96	−24.26	−7.04	0.68	0.79	0.94	0.71	1.03	+12	+17	+12	−5	+11	−1	+11	+17	−6	+13	0	0.58
33549		06 58 18.29	−39 58 31.1	8.89	2	H	104.576 208 98	−39.975 305 39		1.70	−2.76	4.75	0.63	0.76	0.83	0.68	0.89	−1	+12	+0	−10	+3	+2	+1	−15	−14	−8	0	−0.78
33550		06 58 21.49	+06 10 01.5	7.35	2	H	104.589 556 62	+06.167 071 63		2.22	−4.58	10.42	0.83	0.56	1.00	0.85	0.66	−13	+36	−3	−10	−4	−26	−8	−20	−13	−1	0	−0.81
33551		06 58 22.34	+57 53 39.5	8.15		H	104.593 093 11	+57.894 298 65		8.43	−7.25	−22.37	0.78	0.59	1.03	0.93	0.83	−8	+20	+10	+19	+22	−1	+16	−17	+5	−36	0	−0.23
33552		06 58 22.84	+09 50 31.9	8.63		H	104.595 170 98	+09.842 189 04		1.76	−2.26	−2.04	1.09	0.71	1.26	1.30	0.91	−19	+38	−29	−5	+9	−24	+10	−26	+3	+14	0	0.16
33553		06 58 22.86	+37 59 17.0	7.78		H	104.595 235 70	+37.988 046 22		7.39	−41.64	−27.13	0.98	0.61	1.18	1.49	0.90	+0	+11	−33	+15	−36	+24	−10	−44	+45	+39	0	0.65
33554		06 58 22.92	−20 31 46.3	8.57		G	104.595 485 49	−20.529 536 85		0.29	−2.19	3.46	0.52	0.59	1.09	0.72	0.77	+0	+23	−31	−7	+28	−25	+29	−35	+33	+8	0	−1.04
33555	H	06 58 24.18	−04 31 30.3	7.55	1	G	104.600 740 96	−04.525 082 93	*	4.83	−2.99	4.46	0.82	0.62	0.93	0.83	0.66	+16	+28	−16	−41	−21	−6	−20	−48	+5	+25	0	0.34
33556		06 58 24.25	−16 03 16.7	7.14		H	104.601 026 35	−16.054 625 55		3.50	0.28	9.00	0.52	0.51	0.78	0.65	0.61	−25	+15	−14	+30	+5	−25	+0	−1	+22	−40	0	−0.62
33557		06 58 25.07	+32 34 58.3	9.33		H	104.604 441 17	+32.582 874 58		9.30	29.13	−55.57	1.29	0.71	1.40	1.60	1.08	+7	+34	−18	+15	−2	+3	+11	−25	+25	+25	0	0.13
33558	H	06 58 25.11	−34 06 42.2	5.07		H	104.604 607 29	−34.111 725 88	*	4.29	−16.54	7.15	0.99	0.76	0.56	0.49	0.51	+1	+9	+6	+20	+4	+25	+2	+19	−8	−9	1	0.00
33559		06 58 25.45	−53 06 07.4	8.34		H	104.606 057 57	−53.102 045 38		2.37	3.07	3.26	0.70	0.73	0.78	0.73	0.81	−4	+12	−3	−22	+0	+2	−5	−37	−7	−23	0	1.03
33560	H	06 58 26.02	−12 59 29.3	9.14		G	104.608 406 08	−12.991 468 86	A	44.83	54.89	−146.01	3.15	3.10	2.28	2.70	2.02	+11	−3	−14	−48	−13	+25	−11	−42	+25	+15	0	0.44
33561		06 58 26.46	+11 56 55.9	9.04		H	104.610 258 32	+11.948 863 21		1.56	4.68	−2.44	1.15	0.78	1.28	1.27	1.03	−28	+42	−11	−22	+19	−33	+9	−44	+7	−46	4	1.16
33562	H	06 58 26.71	−02 34 05.2	9.05	1	H	104.611 272 86	−02.568 114 44	A	0.15	−0.22	−4.82	2.11	1.54	1.97	2.00	1.60	−40	+14	−27	−59	+28	−8	+26	−55	+17	−40	1	0.91
33563		06 58 26.98	+75 11 53.2	7.86		H	104.612 431 94	+75.198 117 43		13.11	−31.85	19.57	0.51	0.60	0.82	0.55	0.63	+16	+16	+15	+9	−10	+6	−8	−15	+10	+16	1	2.14
33564		06 58 27.64	+22 15 06.8	8.67		H	104.615 149 16	+22.251 877 21		3.29	0.96	4.34	1.47	0.92	1.23	1.69	1.20	+37	+11	+1	−54	−22	+6	−27	−63	−9	+8	10	1.01
33565		06 58 27.77	+18 59 50.4	10.57		G	104.615 708 21	+18.997 343 86		17.15	189.16	−116.01	1.95	1.17	2.12	2.22	1.66	−8	+36	−10	−11	+3	−19	−1	−37	+7	−19	2	−1.06
33566		06 58 27.86	+24 55 13.3	8.02		G	104.616 063 33	+24.920 367 60		10.76	−57.75	−44.66	1.03	0.59	1.06	1.16	0.72	+15	+33	−5	+4	−10	+9	−1	−34	+10	+30	0	0.30
33567		06 58 27.94	−11 25 51.4	8.05		H	104.616 402 22	−11.430 942 71	A	3.26	−4.16	1.96	2.52	1.82	2.31	2.25	1.91	+2	+44	−15	−18	+2	−22	+3	−19	+6	+28	3	2.26
33568	H	06 58 28.16	−03 01 25.4	7.20		G	104.617 345 63	−03.023 716 73	A	0.56	−2.15	1.09	7.82	4.44	4.80	7.94	5.29	−36	+21	−13	−60	+30	−3	+32	−61	+9	−38	1	−0.56
33569		06 58 29.31	−11 25 51.1	9.85		H	104.622 143 10	−11.430 861 25	B	8.49	17.72	1.13	34.13	29.28	15.08	29.26	23.97	−5	+46	−13	−16	+7	−21	+7	−19	+2	+20	3	2.26
33570	H	06 58 30.87	−24 05 59.0	10.27	2	G	104.628 623 19	−24.099 710 10	A	11.13	8.58	4.86	3.56	3.95	5.45	3.53	4.72	+10	+1	+9	+34	−16	−3	−14	−17	+5	+20	18	5.51
33571		06 58 31.50	−18 11 36.5	9.35		H	104.631 259 93	−18.193 466 67		1.91	9.76	2.08	0.93	1.00	1.42	1.11	1.27	−26	+25	−16	+2	+27	−14	+25	−14	−3	−26	0	0.77
33572		06 58 31.89	+19 13 19.1	7.32		G	104.632 882 58	+19.221 977 22		3.28	−6.51	−9.89	0.96	0.57	1.11	1.08	0.72	−14	+41	−27	+4	−3	−30	−5	−21	+16	−5	0	0.21
33573		06 58 35.15	+70 54 51.1	9.02	2	H	104.646 475 42	+70.914 192 38		0.81	−10.34	−12.18	0.58	0.85	1.18	0.71	0.90	+8	+5	−3	+24	−1	+12	+6	−20	+1	+23	1	0.64
33574		06 58 35.76	−23 52 51.1	6.73		G	104.649 001 39	−23.880 863 60		7.05	1.69	8.40	0.38	0.47	0.70	0.40	0.55	+12	+6	−4	+26	−17	+2	−17	−13	+10	+16	1	−1.10
33575		06 58 35.90	−25 24 51.0	5.59		H	104.649 597 47	−25.414 169 76		3.13	−6.65	5.27	0.32	0.42	0.60	0.35	0.50	+10	+11	−14	+15	−19	+7	−18	−8	+7	+16	1	−1.03
33576		06 58 36.04	−26 42 49.4	8.12		H	104.650 161 57	−26.713 712 92		1.64	−0.39	14.85	0.56	0.69	0.95	0.70	0.93	+3	+3	−7	+12	−7	−1	−8	+12	+1	+13	0	0.08
33577		06 58 36.39	−56 23 41.2	6.46		H	104.651 638 80	−56.394 766 07		10.01	−22.81	−34.06	0.51	0.47	0.51	0.59	0.65	−3	+13	+1	+32	−8	+12	−10	+20	+5	−4	0	−0.01
33578		06 58 36.71	−07 11 08.4	7.12		G	104.652 938 69	−07.185 673 79		5.73	39.81	−60.93	0.88	0.64	1.01	1.07	0.89	+7	+47	−16	−37	−27	−20	−21	−53	+10	+27	2	−0.91
33579		06 58 37.55	−28 58 19.5	1.50	1	G	104.656 444 51	−28.972 089 31		7.57	2.63	2.29	0.37	0.42	0.57	0.48	0.57	+5	+0	−15	+6	+0	−7	−1	+13	+4	+8	0	−0.01
33580		06 58 37.89	+51 52 03.8	8.06		G	104.657 873 66	+51.867 718 29		25.63	−164.56	−210.40	0.86	0.61	1.01	1.07	0.67	−14	+35	−19	+9	−14	+2	−1	−33	+9	+14	0	0.66
33581		06 58 38.17	+57 35 00.7	8.23		G	104.659 052 60	+57.583 517 78		7.88	16.47	−46.38	0.84	0.64	1.12	1.04	0.91	−19	+16	−9	+8	+29	−11	+26	−31	+22	−37	0	−0.86
33582		06 58 38.34	−00 28 44.4	9.02		G	104.659 759 67	−00.478 997 60		14.63	336.15	−606.06	1.15	0.71	1.39	1.11	0.87	+3	+52	−2	−35	−14	−37	−22	−33	−16	+20	0	−1.70
33583		06 58 38.47	+17 28 05.0	8.52	2	H	104.660 278 71	+17.468 043 12		1.47	−0.04	−11.89	0.98	0.62	1.12	1.18	0.75	−5	+30	−15	−10	+10	−36	+9	−37	−1	+12	0	0.32
33584		06 58 38.93	+07 37 20.5	6.25		H	104.662 215 82	+07.622 351 51		13.69	−30.69	−21.19	0.74	0.47	0.86	0.92	0.62	+3	+38	−25	+9	+7	−23	+14	−12	+4	+47	2	0.92
*33585		06 58 39.04	+33 42 46.6	9.90		H	104.662 657 92	+33.712 942 70		2.04	−14.50	15.86	1.52	0.83	1.62	2.13	1.26	−2	+30	−13	+16	−15	+5	+1	−37	+21	+22	0	0.72
*33586		06 58 39.02	−22 32 10.0	9.36		H	104.662 603 22	−22.536 120 30		1.66	−2.69	3.39	0.74	0.86	1.25	1.04	1.21	+5	+1	−6	−7	+3	+6	+2	−34	+13	−2	0	0.70
33587	H	06 58 39.29	+64 35 33.1	7.98		H	104.663 723 94	+64.592 518 51	*	3.50	8.00	−11.31	0.76	0.79	1.04	0.97	0.82	+3	+22	+0	+20	+3	+4	+3	−23	+4	+3	4	2.26
33588		06 58 39.81	−55 43 44.1	6.26		H	104.665 873 84	−55.728 925 65		11.64	−64.14	−80.90	0.48	0.46	0.50	0.56	0.59	−3	+11	+8	+15	−5	+8	−6	+20	+0	−14	0	−0.89
33589		06 58 41.52	+72 38 35.2	9.41		H	104.672 997 83	+72.643 121 09		15.27	−15.62	20.68	0.78	1.00	1.33	0.79	1.04	+18	+13	+14	+25	+2	+2	+2	−15	−8	+19	1	0.92
33590		06 58 41.74	−45 46 03.3	6.23		H	104.673 921 27	−45.767 582 69		7.68	−13.64	−4.09	0.48	0.47	0.53	0.63	0.55	+20	−5	−17	−18	−21	+22	−17	−22	+13	+10	0	1.09
33591		06 58 43.70	−30 59 53.0	6.41		H	104.682 103 51	−30.998 052 76		4.23	−10.74	6.63	0.42	0.47	0.61	0.52	0.64	−6	+7	−1	+27	−1	+6	+1	+4	+25	−2	1	0.08
33592		06 58 44.50	−20 36 54.8	7.72	2	H	104.685 419 60	−20.615 217 91		2.22	14.76	−4.29	0.47	0.50	0.88	0.59	0.65	+12	+16	−13	−15	+18	−15	+18	−34	+24	+7	0	0.78
33593		06 58 46.74	+51 20 52.6	8.57		H	104.694 744 82	+51.347 936 33		4.59	−1.09	−15.22	0.89	0.65	1.02	1.13	0.74	+2	+25	−5	−10	−20	+5	−15	−34	+3	+14	0	−0.75
33594		06 58 47.23	−09 20 24.8	8.76		H	104.696 792 07	−09.340 230 04		3.08	−4.88	0.41	0.95	0.74	1.13	1.26	0.98	+12	+25	−20	−12	−20	−10	−16	−18	+18	+24	0	0.12
33595		06 58 47.52	+26 04 51.1	6.20		H	104.697 981 97	+26.080 850 56		21.10	−162.14	94.10	0.86	0.46	0.90	0.99	0.56	+9	+47	−19	+9	−14	+11	+5	−35	+14	+47	0	1.74
33596		06 58 47.77	−17 37 55.7	8.23		G	104.699 047 11	−17.632 142 99		2.78	−7.16	0.12	0.70	0.68	0.99	0.81	0.80	−31	+15	−21	+10	+1	−25	−4	−10	+22	−44	0	1.00
33597		06 58 50.67	+39 32 09.2	7.70		H	104.711 109 12	+39.535 897 27		2.23	−7.65	−2.96	0.94	0.51	1.03	0.96	0.60	−14	+55	−11	+4	−2	−4	+1	−37	−2	+4	0	0.37
33598		06 58 51.13	+57 37 38.9	8.28		H	104.713 040 78	+57.627 478 34		3.84	0.95	16.64	0.94	0.70	1.19	1.13	0.95	−15	+23	−7	+20	+24	−6	+21	−18	+24	−39	0	0.81
33599		06 58 51.91	+21 36 52.8	7.73		H	104.716 305 23	+21.614 654 81		6.27	−27.52	−122.14	1.12	0.70	1.00	1.67	1.08	+33	−8	−4	−50	−31	+15	−30	−59	−3	+36	0	0.39
33600		06 58 52.07	+25 19 27.2	8.82		H	104.716 967 03	+25.324 234 20		3.27	3.00	−7.14	1.38	0.76	1.51	1.47	0.97	−3	+54	−18	+7	−8	+8	+12	−28	+24	+28	2	0.58

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
33501	9.368	0.018	8.891	0.018		0.449	0.023	T	0.52	0.02	L	8.9600	0.0020	0.016	87		8.93	9.00		C			1							
33502	7.879	0.007	7.638	0.009		0.220	0.002	G	0.24	0.00	H	7.6836	0.0011	0.010	115		7.67	7.71					1							S
33503	10.097	0.025	9.451	0.023		0.592	0.025	T	0.66	0.02	L	9.5181	0.0021	0.018	108		9.48	9.56					1							
33504	9.198	0.011	9.352	0.016		−0.116	0.011	G	−0.10	0.01	H	9.3093	0.0021	0.027	211		9.26	9.35					1							
33505	9.624	0.018	9.300	0.020		0.311	0.029	T	0.36	0.04	L	9.3605	0.0019	0.017	114		9.33	9.39					1							
33506	10.202	0.034	8.762	0.018		1.215	0.030	T	1.17	0.03	L	8.7980	0.0018	0.016	86		8.77	8.83		C			1							
33507	8.153	0.008	6.967	0.006		1.016	0.008	T	0.99	0.01	L	7.0065	0.0011	0.009	100		6.99	7.02		C			1							S
33508	8.985	0.014	8.830	0.017		0.149	0.021	T	0.16	0.02	L	8.8530	0.0022	0.017	79		8.82	8.88					1	S						
33509	7.513	0.009	7.665	0.011		−0.132	0.013	T	−0.12	0.02	L	7.6414	0.0015	0.012	66		7.62	7.66					1							S
33510	7.306	0.005	7.369	0.008		−0.055	0.002	G	−0.03	0.00	H	7.3688	0.0010	0.009	105		7.36	7.38		C			1							S
33511	9.919	0.018	9.957	0.025		−0.032	0.027	T	−0.01	0.03	L	9.9697	0.0024	0.034	209		9.92	10.03					1	S						G
33512	8.469	0.013	8.556	0.017		−0.075	0.019	T	−0.05	0.02	L	8.5399	0.0016	0.010	74		8.52	8.56		C			1							
33513	7.875	0.009	7.563	0.010	*	0.296	0.012	T	0.34	0.02	L *	7.5482	0.0012	0.010	95	*	7.53	7.59		U 2	06580+0218	M 1	2 C	A	AB	38	0.919	0.004	1.41	0.02	S
33514	10.031	0.025	8.902	0.016		0.972	0.023	T	0.96	0.02	L	8.9301	0.0016	0.016	107		8.90	8.97					1							
33515	8.198	0.012	6.813	0.007		1.172	0.011	T	1.13	0.01	L	6.8648	0.0016	0.011	70		6.85	6.88					1							S
33516	9.834	0.021	9.412	0.022		0.399	0.028	T	0.46	0.03	L	9.4556	0.0020	0.018	116		9.43	9.49		C			1							
33517	6.754	0.004	6.808	0.006		−0.062	0.001	G	−0.05	0.02	A	6.8158	0.0009	0.007	101		6.80	6.83					1	G						S
33518	7.727	0.007	7.524	0.009		0.194	0.011	T	0.21	0.01	L	7.5454	0.0012	0.011	93		7.53	7.57		C			1							S
33519	8.095	0.009	8.062	0.010		0.035	0.012	T	0.05	0.01	L	8.0829	0.0019	0.014	77		8.05	8.11		C			1							S
33520	12.097	0.255	10.760	0.110		1.134	0.217	T	1.10	0.23	L	11.0202	0.0422	0.205	91		10.67	11.36	7.43	P 1 A			1							G
33521	10.482	0.037	8.458	0.013		1.677	0.031	T	1.70	0.03	L	8.3754	0.0032	0.023	81		8.33	8.42		U			1							
33522	9.229	0.009	9.352	0.012		−0.104	0.008	G	−0.09	0.01	H	9.3444	0.0013	0.021	295		9.31	9.39		C			1							
33523	8.619	0.009	8.816	0.013		−0.146	0.021	G	−0.14	0.03	H	8.8004	0.0022	0.023	168		8.76	8.84					1	S						
33524	9.510	0.024	9.071	0.025		0.414	0.032	T	0.48	0.04	L	9.1846	0.0028	0.020	76		9.14	9.21		C			1							
33525	7.872	0.008	7.527	0.010		0.317	0.015	G	0.37	0.02	H	7.5827	0.0014	0.011	102		7.56	7.60					1							S
33526	10.763	0.043	9.634	0.025		0.964	0.039	T	0.95	0.03	L	9.6522	0.0022	0.021	112		9.61	9.69					1							
33527	10.042	0.030	8.752	0.018		1.097	0.027	T	1.06	0.03	L	8.8245	0.0016	0.014	75		8.80	8.85		C			1							
33528	10.322	0.045	9.941	0.052		0.361	0.064	T	0.42	0.07	L	10.0133	0.0022	0.022	76		9.97	10.04		C			1							G
33529	7.140	0.008	7.247	0.009		−0.112	0.015	G	−0.10	0.02	H	7.2600	0.0010	0.008	73		7.24	7.27		C	06582+1414	I 2	1							S
33530	9.048	0.016	7.277	0.008		1.505	0.015	T	2.74	0.03	O	6.9924	0.0054	0.044	85		6.93	7.10		U 2			1	S						S P
33531	8.794	0.017	8.803	0.023		−0.004	0.026	T	0.02	0.02	L	8.8229	0.0028	0.015	67		8.80	8.86		C			1							
33532	6.114	0.002	6.325	0.003	*	−0.186	0.005	G	−0.20	0.01	H *	6.2978	0.0008	0.009	167	*	6.28	6.31		D	06581−2710	I 1	2 C	A	AB	19	0.244	0.003	0.75	0.05	S
33533	8.223	0.010	7.230	0.006		0.869	0.009	T	0.88	0.01	L	7.2836	0.0010	0.011	138		7.26	7.30		C			1							S
33534	8.386	0.014	6.728	0.008		1.386	0.013	T	1.36	0.02	L	6.7288	0.0010	0.008	60		6.72	6.74		C			1							S
33535	9.344	0.016	9.284	0.020		0.060	0.024	T	0.07	0.02	L	9.3216	0.0022	0.026	128		9.28	9.37					1							G
33536	8.396	0.008	7.803	0.009		0.553	0.015	G	0.63	0.01	H	7.8772	0.0014	0.014	128		7.85	7.91					1							S
33537	7.711	0.009	7.008	0.007		0.620	0.020	G	0.69	0.02	H	7.0609	0.0010	0.006	73		7.05	7.07		C			1							S
33538	9.153	0.015	8.725	0.015		0.404	0.020	T	0.47	0.02	L	8.8015	0.0022	0.018	90		8.78	8.90		U 2			1							
33539	10.237	0.032	9.940	0.036		0.282	0.045	T	0.32	0.06	L	9.9501	0.0029	0.020	83		9.92	10.00		C			1							G
33540	7.540	0.009	7.382	0.009		0.161	0.003	G	0.18	0.00	H	7.4116	0.0013	0.010	71		7.39	7.43			06582+1414	I 2	1							S
33541	8.858	0.014	7.676	0.009		1.013	0.013	T	0.99	0.01	L	7.7346	0.0015	0.011	93		7.72	7.76		C			1							
33542	8.774	0.018	8.196	0.017		0.540	0.022	T	0.61	0.02	L	8.2581	0.0014	0.011	79		8.24	8.28		C			1	G						
33543	9.825	0.024	9.713	0.031	C	−0.022	0.100	G	0.00	0.10	R	7.6224	0.0177	0.189	120	–	7.51	8.26		D	06583−3525	I 2	1 C	F A						G
33544	7.578	0.009	7.499	0.011	*	0.094	0.015	G	0.11	0.02	H *	7.5008	0.0029	0.023	122	–	7.47	7.56		D	06583−3525	I 2	2 C	P A	AB	253	1.903	0.009	1.52	0.08	S G
33545	8.769	0.011	7.170	0.006		1.340	0.010	T	1.30	0.01	L	7.2050	0.0005	0.007	110		7.19	7.22		D			1							S
33546	9.768	0.029	8.197	0.015		1.318	0.026	T	1.28	0.03	L	8.2106	0.0018	0.016	64		8.19	8.24		C			1							
33547	10.503	0.032	8.700	0.013		1.532	0.028	T	2.20	0.07	O	8.5522	0.0026	0.023	100		8.52	8.59		U			1							
33548	9.775	0.018	8.921	0.014		0.750	0.017	T	0.79	0.01	L	9.0004	0.0021	0.019	138		8.96	9.04		C			1							
33549	11.137	0.063	9.098	0.018		1.726	0.054	T	2.12	0.11	O	8.9686	0.0053	0.047	110		8.88	9.04		U 2			1	S						
33550	11.271	0.090	7.783	0.011		2.736	0.066	T	2.80	0.07	L	7.3058	0.0165	0.157	83		7.05	7.59		U 2 C			1	S						
33551	8.438	0.012	8.182	0.013		0.257	0.015	G	0.29	0.02	H	8.2161	0.0018	0.014	79		8.19	8.24		C			1							S
33552	9.951	0.032	8.710	0.020		1.059	0.029	T	1.03	0.02	L	8.7960	0.0016	0.016	65		8.77	8.82		C			1							
33553	9.019	0.016	7.867	0.011		0.990	0.015	T	0.97	0.01	L	7.9469	0.0021	0.012	70		7.93	7.96					1							
33554	8.391	0.005	8.526	0.007		−0.129	0.018	G	−0.12	0.03	H	8.5237	0.0011	0.017	262		8.49	8.55					1							
33555	7.882	0.010	7.561	0.009	*	0.314	0.015	G	0.36	0.02	H *	7.6088	0.0028	0.013	85	*	7.59	7.63		M	06584−0432	H 1	2 C	S B	AB	30	0.168	0.093	2.66	0.47	S
33556	7.031	0.006	7.122	0.006		−0.078	0.003	G	−0.06	0.00	H	7.1150	0.0011	0.010	117		7.10	7.13		C			1							S
33557	9.919	0.027	9.372	0.027		0.512	0.034	T	0.58	0.04	L	9.4427	0.0021	0.019	70		9.41	9.47		C			1							
33558	4.867	0.002	5.043	0.002	*	−0.154	0.003	T	−0.15	0.00	L *	5.0181	0.0006	0.006	123	*	5.01	5.03		D	06584−3407	H 1	2 C	A	AB	181	0.279	0.010	2.49	0.08	S
33559	10.308	0.029	8.502	0.012		1.503	0.025	T	1.53	0.04	L	8.4637	0.0021	0.018	112		8.43	8.50					1							
33560	10.615	0.049	9.291	0.026	*	1.162	0.008	G	1.36	0.01	A *	9.2720	0.0037	0.024	72	*	9.23	9.31		C	06584−1300	H 1	2 C	B	AB	49	0.382	0.052	2.94	0.20	
33561	10.852	0.076	9.104	0.027		1.457	0.064	T	1.46	0.10	L	9.1836	0.0043	0.031	72		9.13	9.23		R			1	S						
33562	10.524	0.046	9.280	0.025	A	1.200	0.495	G	1.11	0.07	B *	9.2171	0.0041	0.027	83	*	9.17	9.26		U	06584−0234	I 1	2 C	A	AB	341	4.501	0.017	2.58	0.07	
33563	8.397	0.009	7.916	0.008		0.453	0.011	T	0.52	0.01	L	7.9658	0.0015	0.015	163		7.94	7.99					1							S
33564	10.212	0.040	8.818	0.021		1.179	0.035	T	1.14	0.03	L	8.8383	0.0025	0.016	72		8.81	8.87					1	S						
33565						0.940	0.015	G	0.99	0.02	I	10.7174	0.0050	0.031	71		10.68	10.77		C			1							G
33566	8.647	0.012	8.092	0.011		0.529	0.015	G	0.60	0.02	H	8.1291	0.0014	0.013	80		8.11	8.15		C			1							S
33567	8.165	0.013	8.048	0.015	A	0.113	0.019	T	0.13	0.02	L	8.0929	0.0197	0.040	79	A	8.00	8.14		D	06585−1126	I 2	1 C	P A						
33568	7.141	0.007	7.259	0.010	–	−0.088	0.004	G	−0.07	0.01	H *	7.1926	0.0015	0.009	86	–	7.18	7.21		D	06585−0301	I 1	3 C	A						S G
33569	11.049	0.078	9.652	0.034	B	1.181	0.067	T	1.14	0.06	L	10.1747	0.1091			B				D	06585−1126	I 2	1 C	I A						
33570	10.287	0.022	10.166	0.031	A	0.050	0.020	G	0.06	0.02	H *	10.1897	0.0077	0.085	216	*	10.04	10.28		U 2	06585−2406	H 1	2 C	C	AB	189	1.030	0.060	2.15	0.15	G
33571	9.242	0.018	9.358	0.026		−0.101	0.028	T	−0.08	0.03	L	9.3169	0.0019	0.021	88		9.28	9.38					1							
33572	9.047	0.016	7.460	0.008		1.330	0.014	T	1.29	0.02	L	7.4744	0.0017	0.010	77		7.46	7.49		C			1							S
33573	11.271	0.045	9.220	0.014		1.736	0.039	T	2.10	0.09	O	9.0948	0.0029	0.036	211		9.04	9.16		U 2	06586+7055	I 1	1							
33574	6.763	0.003	6.720	0.003		0.031	0.002	G	0.05	0.00	H	6.7424	0.0008	0.010	214		6.73	6.76					1							S
33575	5.372	0.002	5.560	0.002		−0.162	0.002	T	−0.17	0.00	L	5.5362	0.0006	0.007	219		5.52	5.55			06586−2525	I 1	1							S
33576	10.201	0.020	8.275	0.008		1.599	0.017	T	1.62	0.02	L	8.2372	0.0018	0.018	190		8.21	8.27					1							
33577	6.918	0.005	6.497	0.005		0.389	0.009	G	0.45	0.01	H	6.5487	0.0009	0.006	90		6.54	6.56		C			1							S
33578	8.097	0.010	7.214	0.008		0.814	0.005	G	0.84	0.00	H	7.2708	0.0011	0.007	76		7.25	7.28		C			1	G						S
33579	1.350	0.006	1.500	0.005		−0.211	0.006	G	−0.20	0.02	A	1.4160	0.0005	0.005	123		1.41	1.42		M	06586−2858	I 1	1							S
33580	8.929	0.016	8.127	0.013		0.679	0.015	G	0.74	0.01	H	8.1982	0.0019	0.012	78		8.18	8.23					1							S
33581	8.628	0.012	8.253	0.012		0.342	0.015	G	0.40	0.02	H	8.3107	0.0014	0.012	85		8.29	8.33		C			1							S
33582	9.692	0.023	9.075	0.021		0.579	0.006	G	0.65	0.01	H	9.1293	0.0026	0.017	89		9.10	9.16		C			1							
33583	10.692	0.051	8.753	0.018		1.644	0.045	T	2.41	0.08	O	8.5593	0.0058	0.042	72		8.49	8.63		U 2			1	S						P
33584	6.376	0.005	6.267	0.006		0.105	0.005	G	0.12	0.01	H	6.2958	0.0007	0.006	64		6.29	6.31		C			1							S
33585	10.456	0.041	9.815	0.038		0.595	0.048	T	0.67	0.04	L	10.0101	0.0034	0.022	71		9.97	10.04		C			1							G
33586	9.198	0.013	9.362	0.020		−0.121	0.002	G	−0.11	0.00	H	9.3265	0.0021	0.029	175		9.28	9.38					1							
33587	9.161	0.017	8.087	0.012	*	0.930	0.016	T	0.92	0.01	L *	8.1440	0.0018	0.015	92	*	8.12	8.17		D	06587+6436	H 1	2 C	S A	AB	343	0.194	0.013	0.98	0.37	S
33588	7.745	0.006	6.389	0.004		1.160	0.006	G	1.12	0.04	E	6.4239	0.0009	0.007	105		6.41	6.43		C			1							S
33589	10.169	0.019	9.461	0.017		0.652	0.021	T	0.72	0.02	L	9.5487	0.0017	0.028	178		9.48	9.60					1	S						
33590	6.223	0.004	6.211	0.004		−0.006	0.009	G	−0.01	0.00	A	6.2258	0.0005	0.006	110		6.22	6.24		C			1							S
33591	6.216	0.003	6.375	0.004		−0.137	0.004	T	−0.13	0.01	L	6.3593	0.0007	0.008	130		6.35	6.37			06587−3059	I 1	1							S
33592	9.955	0.013	7.926	0.005		1.718	0.011	T	2.07	0.03	O	7.8039	0.0028	0.034	284		7.75	7.86		U 2 C			1	S						
33593	8.634	0.012	8.579	0.015		0.056	0.018	T	0.07	0.01	L	8.5910	0.0014	0.014	77		8.57	8.62		C			1							S
33594	8.683	0.013	8.718	0.016		−0.050	0.015	G	−0.03	0.01	H	8.7470	0.0018	0.013	85		8.73	8.77		C			1							
33595	6.804	0.006	6.256	0.006		0.520	0.006	T	0.59	0.01	L	6.3145	0.0008	0.005	72		6.30	6.32		C	06588+2605	I 1	1							S
33596	8.174	0.009	8.217	0.012		−0.022	0.003	G	0.00	0.00	H	8.2269	0.0017	0.014	97		8.21	8.25		C			1	S						
33597	7.704	0.008	7.695	0.009		0.010	0.003	G	0.03	0.00	H	7.7120	0.0011	0.010	96		7.70	7.73		C			1							S
33598	9.944	0.025	8.420	0.014		1.281	0.023	T	1.24	0.02	L	8.4336	0.0016	0.015	86		8.41	8.46		C			1							S
33599	9.196	0.021	7.881	0.013		1.117	0.019	T	1.08	0.02	L	7.8968	0.0011	0.010	71		7.88	7.92		C			1							
33600	10.877	0.059	8.990	0.021		1.568	0.050	T	1.59	0.05	L	8.9342	0.0018	0.016	78		8.90	8.96		C			1							

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion μα* mas/yr 12	μδ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	μα* mas/yr 17	μδ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	μα*/α* 22	μα*/δ 23	μα*/π 24	μδ/α* 25	μδ/δ 26	μδ/π 27	μδ/μα* 28	Soln F1 % 29	F2 30
33601		06 58 52.12	−87 18 17.1	8.60		H	104.717 163 32	−87.304 757 91		9.94	13.66	−24.52	0.68	0.69	0.78	0.78	0.81	−6	−11	−23	+17	−20	+11	−21	−9	+15	−13	0	−2.68
33602		06 58 53.21	−10 02 27.1	8.17		H	104.721 710 54	−10.040 868 76		5.28	−3.17	−13.14	0.92	0.81	1.18	1.21	0.95	+14	+14	−44	−29	−38	+26	−24	−42	+32	+42	0	−0.78
33603		06 58 57.03	+03 36 08.5	5.96		G	104.737 611 82	+03.602 364 29		3.52	−3.59	−3.65	0.79	0.54	0.87	0.92	0.70	−21	−3	+10	−44	+12	+23	+7	−52	−23	−35	2	0.55
33604		06 58 57.14	−10 13 45.7	8.64		G	104.738 071 91	−10.229 356 45		−0.66	−3.56	3.76	0.98	0.73	1.13	1.05	0.81	+1	+35	−26	−12	−10	+3	−3	−34	+16	+12	2	−1.87
33605		06 58 57.22	−04 01 06.7	7.76		H	104.738 398 26	−04.018 519 28		1.14	−3.46	−0.25	0.84	0.68	0.97	0.82	0.67	−13	+21	−19	−43	+1	+1	+6	−54	+10	+19	2	1.56
33606		06 58 58.31	+06 55 47.4	9.09		H	104.742 945 49	+06.929 842 05		0.48	1.46	−2.12	1.18	0.87	1.50	1.42	1.10	−18	+29	−32	−16	+12	−35	−1	−18	−16	+11	0	1.18
33607		06 58 58.83	+71 55 55.1	7.76		H	104.745 129 05	+71.931 983 01		2.45	2.35	−1.72	0.44	0.62	0.80	0.49	0.61	+16	+16	−4	+19	−3	+5	−2	−17	−7	+20	1	−1.76
33608		06 58 59.07	+05 32 06.9	8.66		H	104.746 143 32	+05.535 258 52		16.97	−19.54	−32.85	1.13	0.82	1.24	1.51	1.23	+9	+41	+12	−54	−33	−31	−33	−66	−17	+25	0	0.46
33609		06 58 59.99	−47 01 24.0	7.28		H	104.749 950 80	−47.023 336 80		7.13	−10.38	−3.58	0.51	0.50	0.58	0.66	0.59	+4	+3	−16	−7	−7	+14	−3	+5	−4	−8	0	1.91
33610		06 59 00.42	−32 43 20.2	6.76		H	104.751 760 78	−32.722 265 18		1.93	−2.47	4.85	0.42	0.48	0.62	0.46	0.56	+8	−9	+1	+13	−14	+15	−17	+4	+24	+7	1	−1.19
33611		06 59 00.59	−26 28 28.0	7.17		H	104.752 478 19	−26.474 435 87		2.05	−1.95	4.44	0.40	0.51	0.70	0.49	0.66	+12	−2	−16	+5	−9	−10	−12	+1	−4	+17	3	0.85
33612		06 59 02.14	−14 02 55.8	9.96		H	104.758 917 66	−14.048 837 20		5.64	−2.77	4.35	1.50	1.20	1.57	1.72	1.59	−10	+8	−5	−43	+2	−22	+2	−33	+10	−39	2	2.37
33613		06 59 02.24	−51 41 31.0	9.20		H	104.759 315 01	−51.691 957 38		4.03	−1.82	−8.98	0.78	0.79	0.87	0.94	1.00	−13	+10	−2	+3	+3	−11	−3	−15	−5	−35	2	−0.25
33614		06 59 02.88	+38 03 09.4	6.02		H	104.761 991 95	+38.052 615 45		5.41	−42.86	−122.69	0.84	0.53	0.98	1.37	0.75	−1	+30	−36	+18	−34	+33	+6	−46	+33	+56	0	1.34
33615		06 59 03.40	+56 48 19.5	8.40		H	104.764 183 34	+56.805 420 66		2.16	1.49	−2.63	0.84	0.62	1.13	1.03	0.90	−9	+9	−5	+25	+18	−6	+12	−27	+19	−26	4	−0.58
33616		06 59 04.05	−58 30 53.5	8.39	1	H	104.766 873 76	−58.514 850 90		3.46	−8.01	15.54	0.58	0.59	0.62	0.70	0.73	−4	+6	+8	+17	−9	−11	−11	−3	+7	−21	0	−0.52
33617		06 59 04.94	+50 48 39.6	7.90		H	104.770 575 83	+50.810 986 75		5.61	−3.37	−49.87	0.78	0.59	0.95	1.02	0.70	−13	+24	−11	−4	−8	−1	+0	−29	+13	+7	0	−1.57
33618		06 59 05.36	+16 02 26.6	7.78		H	104.772 330 81	+16.040 717 94		2.86	−1.00	−4.48	0.90	0.56	1.01	0.94	0.64	−1	+43	−11	−14	−8	−29	−13	−15	−4	+9	0	0.66
33619		06 59 05.48	−46 11 36.5	8.66		H	104.772 846 44	−46.193 475 88		1.03	3.80	−5.17	0.75	0.78	0.85	0.92	0.96	+17	−4	−26	−20	−16	+15	−15	−31	+17	+5	0	−0.95
33620	H	06 59 06.67	−10 47 03.3	8.33		G	104.777 810 04	−10.784 259 44	A	1.48	−3.05	2.50	2.00	1.41	2.06	1.68	1.28	−29	+43	−34	−20	−4	−19	−1	−24	+12	−6	5	0.07
33621		06 59 07.19	−20 47 32.1	8.23		H	104.779 943 60	−20.792 244 18		1.70	−4.03	3.95	0.44	0.53	0.93	0.59	0.72	−11	+16	−20	−24	+27	−22	+28	−39	+19	−1	1	−0.90
33622		06 59 07.31	−60 50 31.3	6.96		H	104.780 450 79	−60.842 017 33		2.45	0.17	−6.20	0.54	0.52	0.55	0.60	0.61	−7	+5	+16	+22	−1	+15	−10	−18	+2	−24	0	0.88
33623		06 59 07.59	+13 42 10.5	8.93		H	104.781 607 38	+13.702 919 34		3.53	−9.38	−9.63	1.04	0.73	1.16	1.14	0.82	−11	+27	−18	−26	+3	−14	+5	−47	+6	+4	0	1.13
33624		06 59 07.79	+68 45 11.2	7.73		H	104.782 454 55	+68.753 119 96		12.61	19.45	17.76	0.53	0.60	0.87	0.52	0.65	+13	+18	−8	−18	+1	−7	+3	−14	+9	+11	0	−0.04
33625		06 59 09.21	−47 27 03.8	9.62		G	104.788 356 73	−47.451 066 58		3.68	−0.55	7.90	0.73	0.73	0.82	0.87	0.92	+6	−1	−7	−7	−4	+13	+0	+10	−5	−13	0	1.17
33626		06 59 09.23	+05 17 06.8	7.89		H	104.788 460 21	+05.285 232 88		2.90	−6.42	−4.94	0.91	0.62	1.05	0.96	0.78	−37	+31	−29	−33	+3	−9	+0	−33	+11	−26	0	−0.27
33627		06 59 09.67	+09 29 36.4	9.57		H	104.790 278 84	+09.493 455 34		−0.35	−0.97	−2.32	1.17	0.76	1.40	1.15	0.87	−20	+44	−29	−24	+12	−35	−2	−31	+0	−18	0	0.66
33628		06 59 10.12	−07 06 32.0	8.95		G	104.792 146 12	−07.108 885 73		6.47	−26.62	5.78	1.37	1.16	1.34	1.70	1.59	+12	+44	−3	−59	−15	−23	−18	−76	−6	+12	0	0.07
33629		06 59 11.22	−36 48 55.0	8.22		G	104.796 751 27	−36.815 281 81		6.52	−19.03	24.29	0.54	0.66	0.75	0.60	0.73	+9	+12	+3	+14	+0	+21	+0	+26	+7	+10	0	1.07
*33630	H	06 59 11.36	−33 52 51.1	8.81		H	104.797 316 77	−33.880 852 66	A	5.05	8.52	47.19	2.25	2.74	2.01	1.43	2.40	−4	+3	+6	+0	+2	+30	−1	−8	−6	−14	1	−0.28
*33631		06 59 11.36	+36 46 51.3	8.58		H	104.797 313 26	+36.780 914 49		2.10	−6.70	2.84	1.16	0.71	1.24	1.87	1.11	+24	+25	−24	−7	−42	+25	−18	−50	+35	+59	0	0.16
33632		06 59 11.68	−38 49 54.9	8.76		G	104.798 686 09	−38.831 923 14		1.46	−4.64	5.14	0.68	0.71	0.85	0.76	0.87	−9	−4	−2	−2	−6	+9	−5	+10	−1	−12	0	0.98
33633		06 59 12.97	−64 41 35.5	8.71		H	104.804 056 60	−64.693 204 42		2.97	16.07	−9.44	0.71	0.76	0.77	0.74	0.80	+9	+10	+24	+19	−9	+7	−15	−4	−10	−3	1	−0.91
33634		06 59 13.60	−27 07 40.4	9.96		H	104.806 657 50	−27.127 883 73		13.45	−8.52	18.69	0.91	1.00	1.40	1.15	1.40	−2	+8	−5	+22	+0	+3	+2	+6	−4	+16	0	1.78
33635	H	06 59 14.59	−21 22 46.9	8.71		G	104.810 794 14	−21.379 689 58	A	2.59	−3.28	5.56	1.52	1.83	2.29	1.58	2.27	−2	+8	−2	−10	+5	−2	+0	−9	−9	−13	4	2.39
33636		06 59 14.65	−45 13 42.8	7.68		H	104.811 044 85	−45.228 548 16		4.10	−10.71	−13.44	0.55	0.59	0.64	0.60	0.71	+6	+8	−16	−17	−8	+3	−9	−30	+19	−6	0	−1.22
33637		06 59 16.83	+54 06 17.1	8.79		H	104.820 110 38	+54.104 744 59		3.16	19.48	−14.40	1.06	0.88	1.30	1.25	1.09	−48	+5	+12	+0	+52	+16	+45	−52	−12	−62	0	−0.82
33638		06 59 17.38	−62 09 26.1	8.97		H	104.822 419 72	−62.157 237 70		0.76	−3.67	−5.01	0.82	0.81	0.86	1.00	1.00	+15	+10	+22	−6	−21	−16	−18	−5	+16	−18	0	−0.88
33639		06 59 19.17	−58 00 07.4	8.38		H	104.829 867 57	−58.002 066 55		1.57	−3.51	31.55	0.68	0.62	0.68	0.83	0.74	−10	−5	+7	−14	−7	−7	−5	−6	+7	−30	0	0.65
33640		06 59 19.61	−05 24 36.1	8.19		H	104.831 701 15	−05.410 029 35		6.50	−8.19	−2.06	0.90	0.65	1.04	0.85	0.70	−7	+45	−14	−33	+5	−12	+6	−42	+5	+7	0	0.02
33641		06 59 19.71	−42 14 15.5	8.45		G	104.832 139 02	−42.237 630 53		2.10	−2.56	7.37	0.57	0.65	0.72	0.58	0.69	−10	+3	+4	−2	−2	+2	−3	−3	−17	−16	1	2.16
33642		06 59 19.90	−39 35 34.5	8.78		H	104.832 910 49	−39.592 912 49		12.80	−50.01	181.18	0.60	0.68	0.77	0.65	0.93	−4	+9	+3	+14	−6	+6	−10	−7	−10	−13	0	1.88
33643		06 59 20.13	+42 18 53.2	6.68	2	T	104.833 882 45	+42.314 781 61	*	5.31	−2.93	−10.61	0.98	0.57	1.13	1.24	0.88	+8	+35	−3	+7	−19	+15	−20	−33	+11	−4	0	−1.25
33644		06 59 20.18	+07 19 01.2	6.34		H	104.834 082 86	+07.316 986 12		2.58	−8.81	−7.77	0.69	0.49	0.91	0.90	0.60	+12	+25	−20	−5	+2	−46	−5	−21	+2	+23	0	0.42
33645		06 59 21.15	+25 14 00.2	8.03		H	104.838 124 41	+25.233 385 41	A	5.13	−24.79	−5.95	4.67	2.67	3.92	4.15	2.83	−6	+44	−18	−10	−5	+16	+13	−45	+28	+17	1	0.48
33646		06 59 22.66	+25 14 08.7	9.03		H	104.844 424 39	+25.235 744 17	C	−15.05	−30.46	−16.17	24.56	13.77	14.03	15.69	10.98	+1	+44	−14	−3	−6	+14	+11	−35	+29	+21	1	0.48
33647		06 59 22.86	+20 26 41.7	8.09		H	104.845 239 05	+20.444 907 33		3.79	−18.22	−11.47	1.12	0.70	1.15	1.34	1.01	+14	+17	−1	−23	−17	+5	−23	−46	+6	−1	0	−0.42
33648		06 59 25.31	−15 58 45.7	9.68		H	104.855 452 57	−15.979 349 12		4.09	−10.79	24.41	0.82	0.93	1.38	1.05	1.10	−31	+18	−25	+20	+13	−30	+6	+0	+16	−41	2	0.58
33649		06 59 27.19	+37 05 53.5	7.91		H	104.863 297 39	+37.098 190 08	A	2.99	−2.82	−3.42	5.02	2.69	2.36	4.33	2.55	+16	+19	−13	+8	−39	+21	−14	−39	+28	+60	3	0.56
33650		06 59 27.94	+25 54 51.1	6.40		H	104.866 396 02	+25.914 186 73		2.72	−4.62	−6.57	0.89	0.47	0.88	1.06	0.59	+24	+44	−2	+13	−3	−4	+7	−24	+4	+49	0	−0.55
33651		06 59 28.20	+14 19 34.9	8.65		H	104.867 488 64	+14.326 363 95		1.58	−0.90	−4.34	0.97	0.63	1.10	1.27	0.84	−7	+28	−23	+5	+8	−20	+14	−25	+11	+18	2	0.93
33652		06 59 28.45	−13 41 51.1	8.18		H	104.868 556 66	−13.697 530 22		4.22	0.11	−4.94	0.94	0.73	1.00	1.19	0.92	−17	+19	−25	−36	+15	−24	+12	−42	+19	−33	0	−0.23
33653		06 59 29.03	+37 06 08.7	8.16	2	H	104.870 975 57	+37.102 418 46	B	6.78	−5.25	5.62	3.31	2.11	2.80	4.96	2.96	+17	+18	−3	−1	−39	+13	−21	−41	+25	+49	3	0.56
33654		06 59 29.42	−17 15 18.5	10.01		G	104.872 580 84	−17.255 128 75		22.78	−263.90	181.07	1.30	1.38	1.76	1.51	1.53	−35	+3	−15	+3	+23	−4	+20	−22	−13	−41	4	−0.43
33655		06 59 29.83	+33 33 18.5	8.72		H	104.874 311 09	+33.555 145 52		1.48	−6.26	1.21	1.25	0.78	1.40	1.76	1.12	−3	+21	−23	+14	−14	+25	+6	−35	+34	+27	0	1.87
33656		06 59 31.52	+22 14 47.8	8.15		H	104.881 313 34	+22.246 602 33		1.66	−7.95	−18.36	1.28	0.76	1.13	1.52	0.93	+35	+6	−18	−54	−33	−1	−34	−59	+2	+34	2	0.94
33657		06 59 31.75	+00 55 00.4	7.50		H	104.882 287 53	+00.916 777 84		1.37	−0.13	−4.76	0.85	0.60	0.99	0.91	0.71	−11	+26	−22	−35	−1	−14	−4	−40	−6	+13	0	0.66
33658		06 59 33.40	−44 16 55.6	9.46		H	104.889 158 33	−44.282 114 34		13.52	43.94	−134.22	0.77	0.94	0.98	0.78	1.11	−9	+9	−23	−1	+4	−10	+1	−8	−2	−17	0	2.11
33659		06 59 33.56	−53 21 40.3	8.61		H	104.889 820 29	−53.361 196 39		6.64	−1.65	54.00	0.73	0.69	0.76	0.81	0.93	−8	+19	+2	−31	+11	−3	+11	−22	−7	−23	0	−1.78
33660		06 59 33.70	+61 51 31.4	9.10		H	104.890 427 97	+61.858 717 69		1.42	5.47	−6.82	0.95	0.74	1.27	1.14	0.73	+13	+29	−9	+41	+15	+14	+7	−20	−10	+8	0	1.54
33661		06 59 34.04	+33 03 28.5	7.91		G	104.891 846 53	+33.057 906 97		2.21	5.08	1.63	1.07	0.61	1.12	1.25	0.81	+11	+39	−18	+9	−16	+13	−1	−29	+24	+31	0	0.45
33662		06 59 34.90	+28 16 20.4	10.27		H	104.895 430 15	+28.272 336 33		2.69	3.57	−22.86	1.68	1.03	1.82	2.65	1.43	+18	+14	−22	−11	−26	+34	−5	−56	+28	+53	2	0.38
33663		06 59 35.29	−09 30 04.5	8.80		H	104.897 025 23	−09.501 255 82		1.70	−1.74	4.30	0.95	0.81	1.20	1.23	1.02	+10	+21	−32	−23	−29	+3	−21	−31	+29	+24	0	0.34
33664		06 59 36.10	−13 00 07.8	7.86		H	104.900 422 16	−13.002 161 15		0.81	−5.22	4.06	0.99	0.77	1.03	1.18	0.86	−33	+12	−30	−50	+22	+10	+28	−53	+29	−22	5	0.91
33665	H	06 59 37.11	−08 23 23.6	7.94		H	104.904 605 67	−08.389 887 78	A	2.70	−2.59	−2.88	1.69	1.42	1.79	1.72	1.48	−7	+22	−1	−28	+3	−7	−2	−33	−15	+1	1	0.67
33666		06 59 39.26	−21 36 10.4	6.26		H	104.913 569 67	−21.602 895 93		2.33	−2.93	4.87	0.32	0.40	0.68	0.42	0.50	+8	+13	−11	−5	+5	−2	+7	−23	+22	+6	0	−0.55
33667		06 59 39.51	+10 53 47.0	8.53		H	104.914 634 87	+10.896 402 11		1.86	9.90	−11.54	1.00	0.65	1.08	1.06	0.86	−9	+38	−15	−20	−1	−18	−8	−34	+0	−19	0	0.19
33668		06 59 40.50	+48 37 20.5	7.41		H	104.918 738 02	+48.622 357 82		4.05	−9.36	−49.87	0.92	0.65	0.99	1.11	0.75	−27	+28	−16	−18	+2	−6	+5	−38	+10	−20	0	−0.71
33669		06 59 41.54	−33 28 32.7	6.62		H	104.923 065 72	−33.475 754 13		4.64	−3.83	13.89	0.40	0.50	0.60	0.48	0.59	+7	+0	+8	+21	−9	+22	−11	+18	+24	+11	0	−0.95
33670		06 59 42.65	−11 09 26.6	9.69		G	104.927 698 21	−11.157 389 62		0.35	−4.61	1.24	1.30	0.97	1.66	1.42	1.20	−9	+49	−22	−27	+6	−29	−4	−11	−7	+25	0	−1.26
33671		06 59 43.40	−29 42 27.0	7.78		G	104.930 817 54	−29.707 510 71		21.26	0.60	−124.13	0.48	0.58	0.74	0.55	0.83	+2	−8	+0	+23	+1	+3	+1	+28	+3	+2	1	0.07
33672		06 59 44.45	+52 34 20.9	6.66		H	104.935 191 04	+52.572 473 37		2.77	−10.28	−17.78	0.72	0.52	0.83	0.88	0.59	+3	+34	−18	−8	−17	+3	−7	−37	+11	+26	2	−0.20
33673		06 59 44.55	−28 23 59.0	7.23	2	H	104.935 631 29	−28.399 724 76		1.68	−3.33	3.22	0.46	0.54	0.72	0.61	0.76	+6	+3	−10	+10	+0	+5	+0	+19	+0	+8	0	−0.48
33674		06 59 45.29	+44 58 46.0	8.90		H	104.938 725 12	+44.979 434 26		5.73	−1.68	−22.44	1.04	0.73	1.20	1.25	0.81	−31	+30	−26	−10	+9	−3	+16	−49	+1	−4	0	−0.35
33675		06 59 45.37	−83 45 09.7	7.42		H	104.939 025 89	−83.752 703 37		5.42	−10.55	106.93	0.53	0.54	0.59	0.59	0.66	−13	+15	+12	+10	+0	+14	−6	−7	−14	−30	0	0.16
33676		06 59 46.46	−16 12 02.7	9.16	2	G	104.943 582 81	−16.200 758 60		1.59	−0.99	−1.14	0.91	0.81	1.16	1.17	0.96	−39	+19	−26	+45	+10	−16	+5	−15	+23	−43	0	0.62
33677		06 59 47.11	+00 16 42.0	8.54		H	104.946 297 26	+00.278 336 45		1.39	−11.80	1.89	0.90	0.63	1.06	0.98	0.75	+5	+30	−10	−25	−10	−18	−12	−30	−4	+17	0	0.43
33678		06 59 47.73	+31 40 53.7	9.72		H	104.948 869 76	+31.681 581 29		19.05	23.34	−21.58	1.67	0.93	1.73	2.23	1.45	+24	+33	−12	−20	−31	+16	−17	−55	+20	+45	0	−0.65
33679		06 59 47.83	+35 28 54.8	8.62		H	104.949 289 26	+35.481 900 45		6.81	−5.33	15.19	1.10	0.64	1.21	1.33	0.91	−3	+32	−14	+10	−14	+1	−4	−26	+25	+11	7	−0.48
33680		06 59 49.35	−69 48 34.7	8.41		H	104.955 618 21	−69.809 646 19		1.93	−2.22	26.72	0.73	0.62	0.71	0.77	0.72	−19	+28	+0	−10	−10	+14	−9	+13	−4	−30	0	−0.47
33681		06 59 49.91	−49 30 25.2	9.02		H	104.957 965 52	−49.506 992 88		10.89	101.05	−67.60	0.72	0.84	0.86	0.85	1.07	+1	+9	−5	−9	−6	+10	−6	−19	+8	−9	0	−0.44
33682		06 59 50.58	−67 55 01.2	5.18		H	104.960 741 41	−67.917 011 97		11.26	−27.00	234.21	0.44	0.39	0.43	0.47	0.47	+4	+14	+3	−12	−11	−4	−10	−1	+5	−8	0	1.47
33683		06 59 50.80	−41 00 06.3	7.02		H	104.961 654 26	−41.001 742 03		8.84	27.54	54.47	0.45	0.51	0.58	0.47	0.60	+2	+5	+1	−2	−6	+13	−8	−7	−15	−3	0	−0.98
33684		06 59 52.19	+11 48 07.3	7.37		H	104.967 457 02	+11.802 016 17		2.17	−3.87	−0.31	0.83	0.56	0.95	0.84	0.66	−5	+43	−5	−19	+4	−26	−5	−32	−11	−11	0	1.61
33685		06 59 52.42	−15 01 18.2	7.39		H	104.968 427 46	−15.021 709 99		14.93	4.41	−0.99	0.83	0.66	0.92	0.94	0.85	+8	+8	−16	−34	−16	−24	−18	−14	+12	−20	0	0.44
33686		06 59 54.77	−30 05 14.4	8.68		G	104.978 203 40	−30.087 322 63		1.72	−3.60	4.47	0.66	0.70	0.95	0.73	0.83	+4	+8	+9	+47	+5	+21	+4	+20	+18	+5	0	0.92
33687		06 59 55.22	−10 16 22.0	9.55		H	104.980 065 91	−10.272 768 93	A	0.99	0.58	−0.35	2.25	1.62	2.31	2.46	2.02	+13	+27	−8	−10	−15	−1	−14	−19	+8	+4	4	0.61
33688		06 59 56.28	+80 44 58.2	9.93		H	104.984 493 18	+80.749 493 57		1.02	3.10	0.52	0.88	1.05	1.22	0.97	1.42	+6	+19	+1	−3	+15	+13	+15	+19	−4	+14	0	−0.20
33689		06 59 57.23	+04 04 59.7	7.79		H	104.988 452 10	+04.083 240 24		3.55	40.84	−42.40	0.89	0.59	1.04	0.97	0.80	−34	+36	−23	−32	+2	−12	−1	−34	+10	−26	0	−0.66
33690		06 59 59.85	−61 20 12.6	6.81	1	H	104.999 383 15	−61.336 824 91		54.33	−161.19	264.54	0.52	0.49	0.54	0.54	0.61	+0	−2	+4	−1	−8	+10	−14	−17	+20	−15	1	0.53
33691		07 00 02.73	−31 13 41.4	8.44		H	105.011 393 25	−31.228 172 87		25.44	20.44	35.10	0.61	0.70	0.93	0.82	0.93	−9	+11	+5	+20	−2	−12	+1	−3	+29	−17	0	−1.02
33692		07 00 02.75	−30 04 41.7	7.09		H	105.011 463 14	−30.078 241 08		4.16	11.77	−33.16	0.48	0.54	0.72	0.53	0.65	+6	+10	+4	+35	+1	+19	+1	+12	+11	+6	0	0.44
33693	H	07 00 03.44	−12 00 20.3	8.36		G	105.014 343 25	−12.005 641 44	A	2.33	−5.39	−2.79	2.44	2.14	2.60	2.32	2.11	−1	+14	−32	−28	−25	−2	−19	−32	+20	+46	1	1.28
33694		07 00 03.85	+76 58 38.8	4.55		H	105.016 033 20	+76.977 441 52		17.43	73.18	−13.88	0.34	0.42	0.53	0.37	0.47	+9	+22	+9	+8	+8	+13	+9	+10	+11	+13	0	−0.32
33695		07 00 03.90	−21 48 16.8	9.35		H	105.016 266 16	−21.804 660 43		3.77	−4.36	3.36	0.65	0.78	1.38	0.89	1.05	+5	+18	−3	+2	+2	+0	+5	−8	+12	+14	0	−0.37
33696		07 00 04.81	+27 27 09.8	9.25		H	105.020 044 21	+27.452 734 59		2.33	−1.33	−34.36	1.41	0.84	1.51	1.65	1.01	+0	+36	−5	+10	+7	+13	+19	−33	+17	+22	2	−0.06
33697		07 00 05.02	−42 52 59.9	8.43		H	105.020 908 12	−42.883 314 94		4.23	−12.61	0.73	0.61	0.69	0.75	0.67	0.79	−11	+13	−4	+3	−8	+4	−10	−5	−11	−18	0	−1.74
33698		07 00 05.91	+35 16 26.4	8.92		H	105.024 617 99	+35.274 002 21		2.38	−9.87	−8.39	1.18	0.66	1.25	1.43	1.01	−18	+42	−11	−2	+8	−2	+19	−45	+13	+1	2	0.25
33699		07 00 06.92	−31 37 47.0	9.13	2	H	105.028 824 74	−31.629 715 30		4.21	−1.13	−61.08	1.30	1.47	1.89	1.68	1.75	−10	−3	+3	+4	−7	−7	−7	−8	+18	−13	0	
33700	H	07 00 06.92	−39 49 14.3	8.11		G	105.028 844 60	−39.820 644 81	A	1.88	−7.72	7.08	0.73	0.88	0.87	0.70	1.03	+6	+6	+11	−7	−3	+3	−4	+11	−25	−12	1	−0.57

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
33601	9.142	0.014	8.635	0.013		0.476	0.017	T	0.55	0.02	L	8.7032	0.0017	0.018	129		8.67	8.73					1							
33602	9.563	0.023	8.305	0.014		1.072	0.021	T	1.04	0.02	L	8.3394	0.0015	0.014	82		8.32	8.36					1							
33603	7.306	0.006	6.067	0.004		1.056	0.004	G	0.96	0.04	E	6.1308	0.0006	0.006	103		6.12	6.14			06589+0336	I 1	1							S
33604	8.514	0.013	8.662	0.018		−0.089	0.010	G	−0.07	0.01	H	8.6233	0.0019	0.013	66		8.60	8.64		C			1							
33605	7.698	0.007	7.750	0.010		−0.043	0.011	T	−0.02	0.01	L	7.7547	0.0011	0.011	74		7.74	7.78		C	06590−0401	I 1	1							S
33606	10.385	0.040	9.203	0.024		1.013	0.036	T	0.99	0.03	L	9.2550	0.0021	0.015	66		9.23	9.29		C			1							
33607	9.368	0.011	7.892	0.006		1.243	0.010	T	1.20	0.01	L	7.9237	0.0012	0.015	206		7.90	7.95					1							S
33608	9.405	0.014	8.733	0.012		0.622	0.015	T	0.69	0.01	L	8.7869	0.0018	0.014	121		8.76	8.82					1	G						
33609	7.264	0.005	7.270	0.008		−0.012	0.001	G	0.01	0.00	H	7.2838	0.0009	0.008	107		7.27	7.30		C			1							S
33610	7.788	0.006	6.848	0.005		0.830	0.006	T	0.85	0.00	L	6.9165	0.0007	0.008	152		6.90	6.93		C			1							S
33611	6.944	0.004	7.147	0.005		−0.175	0.006	T	−0.18	0.01	L	7.1071	0.0008	0.011	205		7.09	7.13			06590−2628	I 1	1							S
33612	11.429	0.087	10.059	0.039		1.160	0.075	T	1.12	0.07	L	10.1443	0.0044	0.037	76		10.09	10.21					1	S						G
33613	9.904	0.021	9.251	0.019		0.597	0.021	T	0.67	0.02	L	9.3251	0.0016	0.022	93		9.29	9.37		D	06590−5142	I 1	1							
33614	7.599	0.008	6.155	0.005		1.218	0.007	T	1.18	0.01	L	6.1829	0.0010	0.008	71		6.17	6.20		C			1							S
33615	10.329	0.039	8.543	0.016		1.488	0.033	T	1.51	0.05	L	8.5287	0.0015	0.015	78		8.50	8.56		C			1							
33616	8.868	0.012	8.453	0.012		0.401	0.014	G	0.47	0.01	H	8.4860	0.0018	0.018	117		8.46	8.52		U			1							P
33617	9.456	0.017	8.034	0.010		1.201	0.015	T	1.16	0.01	L	8.0641	0.0015	0.011	87		8.05	8.09		C			1							
33618	9.687	0.022	7.920	0.010		1.472	0.019	T	1.49	0.03	L	7.9065	0.0012	0.012	80		7.89	7.93		C			1							
33619	9.820	0.023	8.718	0.015		0.951	0.021	T	0.94	0.01	L	8.8236	0.0016	0.013	94		8.80	8.85		C			1							
33620	8.306	0.012	8.352	0.016	*	−0.040	0.015	G	−0.02	0.01	H	* 8.3493	0.0026	0.018	69	*	8.32	8.38		D	06591−1047	I 1	2	C	A	AB	113	0.518	0.019	2.44	0.07	
33621	8.167	0.005	8.220	0.006		−0.040	0.000	G	−0.02	0.00	H	8.2221	0.0010	0.015	320		8.20	8.25					1							
33622	8.968	0.013	7.150	0.006		1.513	0.011	T	1.55	0.02	L	7.0859	0.0011	0.011	108		7.07	7.10					1							S
33623	10.071	0.027	9.058	0.020		0.884	0.025	T	0.89	0.02	L	9.0880	0.0016	0.013	84		9.07	9.11		C			1							
33624	8.415	0.009	7.814	0.008		0.560	0.011	T	0.63	0.01	L	7.8530	0.0013	0.016	178		7.83	7.88					1							S
33625	10.062	0.022	9.612	0.023		0.410	0.020	G	0.48	0.02	H	9.7265	0.0018	0.018	127		9.68	9.76					1							
33626	9.017	0.011	7.988	0.008		0.896	0.010	T	0.90	0.01	L	8.0535	0.0015	0.014	128		8.03	8.08		C			1							S
33627	9.518	0.022	9.574	0.031		−0.046	0.035	T	−0.02	0.04	L	9.5668	0.0017	0.014	74		9.54	9.59		C			1							G
33628	10.369	0.040	9.036	0.021		1.060	0.015	G	1.03	0.02	A	9.1226	0.0018	0.014	76		9.10	9.15		C			1	G						
33629	8.747	0.010	8.285	0.010		0.435	0.013	T	0.50	0.01	L	8.3205	0.0013	0.012	124		8.30	8.34					1							
33630	9.576	0.026	8.920	0.023	*	0.600	0.026	T	0.67	0.02	L	* 8.9356	0.0018	0.016	111	*	8.91	8.96		D	06592−3353	H 1	2	C	A	AB	0	0.501	0.003	0.05	0.02	
33631	9.766	0.027	8.667	0.018		0.949	0.025	T	0.94	0.02	L	8.7462	0.0017	0.012	70		8.72	8.77		C			1							
33632	8.663	0.010	8.770	0.014		−0.078	0.003	G	−0.06	0.00	H	8.7433	0.0015	0.015	109		8.71	8.77					1							
33633	10.210	0.026	8.836	0.015		1.163	0.024	T	1.12	0.02	L	8.8805	0.0015	0.015	111		8.86	8.91		C			1							
33634	10.930	0.041	9.981	0.027		0.823	0.038	T	0.85	0.03	L	10.1052	0.0028	0.031	169		10.07	10.17					1							G
33635	8.612	0.006	8.747	0.009	*	−0.097	0.004	G	−0.08	0.01	H	* 8.6842	0.0014	0.020	274	*	8.65	8.72		D	06592−2123	I 1	2	C	A	AB	317	0.582	0.002	0.59	0.02	
33636	9.273	0.015	7.819	0.009		1.226	0.014	T	1.18	0.01	L	7.8441	0.0014	0.010	115		7.82	7.86		C			1							
33637	10.244	0.028	8.937	0.016		1.111	0.025	T	1.07	0.03	L	8.9581	0.0017	0.016	101		8.93	8.99		C			1							
33638	10.713	0.036	9.112	0.017		1.341	0.031	T	1.31	0.04	L	9.1254	0.0020	0.019	99		9.10	9.16		C			1							
33639	10.298	0.029	8.545	0.012		1.490	0.026	T	1.63	0.09	O	8.4921	0.0017	0.019	112		8.46	8.52					1							
33640	8.155	0.008	8.174	0.010		−0.034	0.015	G	−0.01	0.01	H	8.1917	0.0010	0.011	87		8.18	8.21		D			1							
33641	8.318	0.008	8.437	0.011		−0.094	0.004	G	−0.08	0.01	H	8.4316	0.0013	0.013	123		8.41	8.46					1							
33642	9.535	0.018	8.849	0.016		0.619	0.015	G	0.69	0.01	H	8.9137	0.0016	0.014	113		8.89	8.94		C			1							
33643	6.785	0.005	6.693	0.008		0.121	0.002	G	0.14	0.00	H	6.7330	0.0103	0.057	97		6.64	6.78	5.44	P 1 A			1	V						S P
33644	6.191	0.004	6.320	0.005		−0.106	0.008	G	−0.09	0.01	H	6.3064	0.0010	0.006	71		6.30	6.32		C			1	G						S
33645	8.636	0.014	8.067	0.013	A	0.536	0.014	T	0.61	0.01	L	8.1491	0.0721	0.083	78	A	7.97	8.21		D	06594+2514	I 2	1	C	P	B				
33646	9.561	0.023	8.987	0.022	C	0.520	0.015	G	0.59	0.02	H	8.9768	0.1294			C				D	06594+2514	I 2	1	C	I	B				S
33647	9.394	0.022	8.200	0.014		1.040	0.020	G	1.01	0.02	H	8.2536	0.0010	0.012	66		8.23	8.27		D			1							S
33648	10.187	0.026	9.724	0.026		0.400	0.020	G	0.47	0.02	H	9.7751	0.0026	0.021	114		9.73	9.82		C			1							G
33649	7.812	0.012	7.829	0.017	A	−0.014	0.018	T	0.01	0.02	L	7.9128	0.0101	0.047	69	A	7.72	7.94		D	06595+3706	I 2	1	C	P	B				S
33650	6.255	0.003	6.378	0.005		−0.111	0.005	G	−0.10	0.01	H	6.3654	0.0008	0.006	80		6.36	6.38		C			1							S
33651	8.732	0.013	8.655	0.016		0.076	0.019	T	0.09	0.02	L	8.6839	0.0018	0.011	67		8.67	8.72		C			1							
33652	8.576	0.012	8.219	0.013		0.347	0.016	T	0.41	0.02	L	8.2686	0.0026	0.017	70		8.24	8.29					1							
33653	8.197	0.012	8.124	0.015	B	0.066	0.017	T	0.08	0.02	L	8.1869	0.0115			B				U 2	06595+3706	I 2	1	C	I	B				S
33654	11.340	0.079	10.205	0.046		1.054	0.005	G	1.11	0.01	I	10.1341	0.0023	0.029	97		10.07	10.20		C			1							G
33655	8.869	0.014	8.754	0.017		0.111	0.021	T	0.12	0.02	L	8.7645	0.0017	0.015	66		8.74	8.79		C			1							
33656	9.984	0.031	8.296	0.014		1.410	0.027	T	1.39	0.03	L	8.2885	0.0020	0.014	68		8.26	8.31		C			1							
33657	8.494	0.014	7.596	0.011		0.801	0.002	G	0.83	0.00	H	7.6530	0.0010	0.012	95		7.63	7.67					1							S
33658	10.339	0.032	9.509	0.024		0.731	0.031	T	0.78	0.02	L	9.5981	0.0022	0.018	107		9.56	9.65					1							
33659	9.268	0.015	8.663	0.013		0.563	0.015	T	0.64	0.01	L	8.7350	0.0015	0.018	103		8.71	8.77					1							
33660	10.506	0.044	9.225	0.025		1.090	0.040	T	1.05	0.04	L	9.2740	0.0022	0.017	91		9.23	9.31		C			1							
33661	9.160	0.019	8.008	0.013		0.976	0.015	G	0.96	0.01	H	8.0785	0.0017	0.013	72		8.06	8.10		C			1							S
33662	10.719	0.054	10.261	0.059		0.432	0.073	T	0.50	0.08	L	10.3694	0.0035	0.032	72		10.31	10.41					1							G
33663	8.667	0.013	8.788	0.017		−0.103	0.015	G	−0.09	0.02	H	8.7671	0.0026	0.017	84		8.75	8.80					1							
33664	7.755	0.008	7.851	0.010		−0.073	0.001	G	−0.05	0.00	H	7.8471	0.0014	0.009	69		7.83	7.87		C			1							S
33665	8.836	0.016	8.108	0.014	*	0.668	0.017	T	0.73	0.01	L	* 8.0739	0.0014	0.014	72	*	8.06	8.10		D	06596−0823	I 1	2	C	A	AB	146	0.777	0.004	0.83	0.02	
33666	6.027	0.002	6.215	0.003		−0.164	0.003	T	−0.17	0.00	L	6.1963	0.0007	0.008	263		6.18	6.21					1							S
33667	10.375	0.044	8.640	0.018		1.447	0.038	T	1.45	0.06	L	8.6658	0.0023	0.013	72		8.64	8.69		C			1							
33668	8.878	0.015	7.523	0.009		1.148	0.014	T	1.11	0.01	L	7.5796	0.0017	0.011	78		7.57	7.62					1							S
33669	6.860	0.005	6.647	0.005		0.203	0.007	T	0.22	0.01	L	6.6888	0.0008	0.008	129		6.68	6.70		C			1							S
33670	9.585	0.025	9.627	0.036		−0.030	0.015	G	−0.01	0.01	H	9.6976	0.0024	0.022	75		9.66	9.74		C			1							G
33671	8.403	0.010	7.848	0.008		0.533	0.004	G	0.61	0.00	H	7.8968	0.0011	0.013	150		7.88	7.92					1							S
33672	8.448	0.012	6.798	0.005		1.390	0.015	G	1.36	0.02	H	6.8092	0.0009	0.007	90		6.79	6.82		C			1							S
33673	7.013	0.005	7.190	0.007		−0.172	0.012	G	−0.18	0.01	H	7.1685	0.0044	0.040	155		7.12	7.26		U 2 C			1		S					S P
33674	10.626	0.076	9.048	0.035		1.323	0.066	T	1.28	0.08	L	9.0580	0.0023	0.020	86		9.01	9.09					1							
33675	8.749	0.010	7.532	0.007		1.040	0.010	T	1.01	0.01	L	7.5902	0.0009	0.010	126		7.58	7.61		C			1							S
33676	9.477	0.015	9.215	0.017		0.310	0.015	G	0.36	0.02	H	9.2449	0.0035	0.028	130		9.20	9.31		U 2			1							
33677	8.677	0.042	8.518	0.049		0.153	0.061	T	0.17	0.06	L	8.5986	0.0017	0.014	92		8.57	8.62		C			1							
33678	10.920	0.062	9.829	0.037		0.943	0.055	T	0.93	0.04	L	9.8801	0.0024	0.020	68		9.85	9.91		D			1							G
33679	8.926	0.017	8.633	0.018		0.293	0.015	G	0.33	0.02	H	8.6906	0.0019	0.015	71		8.67	8.72		C			1							
33680	10.340	0.031	8.567	0.013		1.477	0.027	T	1.49	0.04	L	8.5434	0.0012	0.017	112		8.51	8.56					1							
33681	9.755	0.020	9.116	0.018		0.587	0.020	T	0.66	0.02	L	9.1480	0.0014	0.015	107		9.11	9.18			06598−4930	I 1	1							
33682	7.009	0.006	5.330	0.003		1.396	0.003	G	1.35	0.01	G	5.3277	0.0009	0.008	108		5.31	5.34					1							S
33683	8.560	0.009	7.160	0.006		1.183	0.008	T	1.14	0.01	L	7.1858	0.0008	0.008	122		7.17	7.20		C			1							S
33684	9.089	0.017	7.509	0.009		1.325	0.015	T	1.29	0.02	L	7.5274	0.0016	0.013	82		7.50	7.55					1							
33685	7.867	0.009	7.438	0.009		0.404	0.006	G	0.47	0.01	H	7.4832	0.0021	0.014	73		7.46	7.50					1							S
33686	8.524	0.008	8.640	0.011		−0.098	0.015	G	−0.08	0.02	H	8.6476	0.0016	0.018	147		8.62	8.69					1							
33687	9.523	0.030	9.599	0.046	A	0.030	0.015	G	0.05	0.01	H	9.5635	0.0155	0.063	71	A	9.49	9.71		D	06599−1016	H 1	2	C	A	AB	131	15.351	0.012	1.30	0.05	
33688	11.887	0.118	10.031	0.035		1.556	0.082	G	1.69	0.17	K	10.0319	0.0027	0.025	130		9.99	10.08		C			1							
33689	9.172	0.015	7.906	0.009		1.079	0.014	T	1.04	0.01	L	7.9556	0.0009	0.009	98		7.94	7.97		C			1							
33690	7.805	0.007	6.905	0.006		0.786	0.024	G	0.82	0.02	A	6.9585	0.0016	0.015	112		6.94	6.98		U			1							S
33691	9.361	0.015	8.523	0.011		0.737	0.014	T	0.78	0.01	L	8.5822	0.0020	0.017	125		8.55	8.61					1							
33692	9.021	0.011	7.235	0.005		1.488	0.010	T	1.51	0.01	L	7.2157	0.0013	0.014	146		7.19	7.24					1							S
33693	8.334	0.028	8.389	0.037	*	0.020	0.015	G	0.04	0.01	H	* 8.3999	0.0020	0.015	81	*	8.38	8.43		D	07001−1200	I 1	2	C	A	AB	17	2.989	0.004	0.23	0.02	
33694	6.345	0.004	4.699	0.002		1.365	0.005	G	1.35	0.01	G	4.6950	0.0005	0.006	162		4.68	4.70					1							S
33695	9.264	0.011	9.318	0.015		−0.070	0.015	G	−0.05	0.01	H	9.3334	0.0020	0.028	221		9.29	9.39					1							
33696	9.883	0.027	9.285	0.024		0.558	0.032	T	0.63	0.03	L	9.3752	0.0024	0.020	82		9.35	9.42		C			1							
33697	9.646	0.020	8.535	0.013		0.958	0.019	T	0.95	0.01	L	8.5934	0.0015	0.014	115		8.57	8.62					1							
33698	10.707	0.053	9.040	0.023		1.393	0.046	T	1.37	0.06	L	9.0745	0.0020	0.015	76		9.05	9.10		C			1		S					
33699	9.770	0.026	9.271	0.025		0.480	0.028	T	0.55	0.03	L	9.2374	0.0051	0.039	119		9.17	9.30		U 2			1	X	S					
33700	8.114	0.008	8.106	0.010	*	0.008	0.002	G	0.03	0.00	H	* 8.1193	0.0011	0.012	109	*	8.10	8.14		D	07001−3949	H 1	2	C	A	AB	20	0.678	0.020	3.42	0.10	S

Number		Descriptor: epoch J1991.25					Position: epoch J1991.25			Par.	Proper Motion		Standard Errors					Astrometric Correlations (%)										Soln	
HIP 1	2	RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	α (ICRS) deg 8	δ deg 9	10	π mas 11	μα* mas/yr 12	μδ mas/yr 13	α* mas 14	δ mas 15	π mas 16	μα* mas/yr 17	μδ mas/yr 18	δ/α* 19	π/α* 20	π/δ 21	μα*/α* 22	μα*/δ 23	μα*/π 24	μδ/α* 25	μδ/δ 26	μδ/π 27	μδ/μα* 28	F1 % 29	F2 30
33701		07 00 07.02	+29 46 19.7	7.18		H	105.029 252 61	+29.772 134 23		0.91	1.33	−3.67	0.89	0.51	0.96	1.12	0.70	+0	+27	−17	+20	+3	+2	+14	−29	+21	+18	0	−0.33
33702		07 00 07.87	−52 42 39.8	11.20		H	105.032 810 83	−52.711 057 69		3.00	−7.37	−10.83	1.31	1.40	1.52	1.45	1.60	−8	+22	−3	−11	+0	−11	−4	−27	−4	−26	0	0.59
33703		07 00 08.29	−20 09 30.4	6.32		G	105.034 522 85	−20.158 437 58		2.73	−5.93	5.26	0.45	0.46	0.78	0.64	0.59	−6	+23	−33	+3	+27	−30	+25	−22	+26	+3	0	−1.48
33704	H	07 00 08.76	+66 22 25.1	9.46		H	105.036 487 10	+66.373 633 79	A	8.37	−0.45	−21.98	1.47	1.72	2.55	1.43	1.83	−2	+17	−13	−32	+6	+1	+9	−28	+13	−5	0	0.87
33705		07 00 09.76	−31 08 30.4	6.62		H	105.040 666 23	−31.141 772 72		25.57	19.70	34.37	0.44	0.51	0.66	0.58	0.64	−5	+8	+11	+17	−7	−2	−4	+15	+29	−10	0	0.77
33706		07 00 10.30	+30 17 10.6	7.59		H	105.042 912 18	+30.286 276 14		2.64	13.34	−16.61	0.92	0.57	0.99	1.24	0.90	−11	+18	−7	+10	+23	+1	+27	−40	+13	−9	0	0.22
33707		07 00 11.49	+56 07 08.6	8.29	2	H	105.047 864 47	+56.119 049 84		1.33	−1.19	1.67	1.06	0.66	1.29	1.30	0.97	−20	+1	−5	+55	+14	−32	+6	+0	+29	−45	0	0.79
33708		07 00 12.27	−27 47 59.8	8.30		H	105.051 129 70	−27.799 953 11		0.70	−4.52	2.15	0.61	0.72	1.06	0.83	1.03	+1	+12	−20	+20	−2	+17	+2	+14	+11	+22	0	0.60
33709		07 00 13.43	+33 23 23.5	9.57		H	105.055 954 77	+33.389 848 80		2.20	4.13	−9.50	1.54	0.86	1.54	1.89	1.21	+17	+26	−7	−2	−21	+14	−17	−43	+13	+21	2	−0.69
33710		07 00 13.81	+00 05 00.6	7.64		G	105.057 551 03	+00.083 498 58		7.61	−20.41	−14.92	0.83	0.55	0.95	0.95	0.70	+17	+36	−2	−36	−27	−17	−27	−37	−4	+39	0	1.54
33711		07 00 14.05	−13 35 14.6	8.92		H	105.058 538 14	−13.587 396 14		2.58	−5.58	−5.11	1.05	0.90	1.20	1.17	1.06	−12	+6	−27	−41	+10	−25	+4	−39	+17	−30	0	0.75
33712		07 00 14.79	+26 52 42.2	7.47		H	105.061 641 25	+26.878 387 62		1.86	−0.04	0.09	1.05	0.59	1.00	1.27	0.70	+27	+31	−2	+24	+13	+7	+17	−24	+1	+42	0	−0.82
33713		07 00 15.02	−19 48 04.5	6.90		H	105.062 603 09	−19.801 242 32		6.81	0.40	−10.90	0.60	0.60	0.88	0.81	0.69	−25	+29	−39	+37	−2	−7	+4	−11	+25	−12	0	1.12
33714		07 00 15.81	+02 30 43.9	7.77		H	105.065 867 19	+02.512 187 97		1.93	−10.46	−0.68	0.90	0.64	1.04	0.88	0.71	−33	+36	−16	−31	+10	+6	+13	−44	+5	−23	0	0.34
33715		07 00 15.82	+16 04 44.4	5.73	1	H	105.065 935 12	+16.079 005 47		0.56	−0.44	−3.02	0.76	0.45	0.89	0.80	0.49	+0	+44	−16	−20	+5	−41	−1	−27	−4	+17	0	1.99
33716		07 00 16.18	−30 40 43.1	7.94		H	105.067 431 71	−30.678 646 14		2.41	−0.32	9.84	0.53	0.68	0.87	0.60	0.75	+2	+10	+14	+23	+1	+30	−2	+18	+15	+10	1	0.18
33717		07 00 16.73	−60 51 46.0	7.71		H	105.069 698 77	−60.862 775 65		4.82	2.75	18.39	0.56	0.56	0.59	0.63	0.67	−12	+0	+19	+18	−2	+14	−10	−9	+0	−29	4	2.13
33718		07 00 18.08	+15 32 07.0	6.86		H	105.075 321 92	+15.535 288 21		1.96	2.10	−10.85	0.77	0.49	0.86	0.84	0.55	+5	+27	−21	−10	−10	−20	−13	−23	−1	+23	0	1.48
33719		07 00 18.10	−05 22 02.5	6.29		H	105.075 433 71	−05.367 357 20		35.63	−115.76	80.35	0.73	0.52	0.84	0.68	0.55	−11	+42	−23	−36	+3	−14	+2	−46	−1	+12	0	0.31
33720		07 00 18.25	−59 57 40.9	8.61		H	105.076 035 97	−59.961 367 70		1.73	−0.53	−9.89	0.67	0.68	0.70	0.78	0.82	−15	−1	+17	−8	+9	−5	+8	−25	−3	−26	0	0.27
33721		07 00 19.36	−22 07 08.7	6.53	1	H	105.080 687 07	−22.119 069 69		2.46	−2.59	4.13	0.38	0.46	0.74	0.51	0.58	+11	+8	−20	−13	+3	+5	+5	−32	+27	+11	0	−0.12
33722	H	07 00 20.92	+67 19 50.4	6.53		H	105.087 150 87	+67.330 661 73	A	7.02	4.52	−23.44	0.70	0.79	0.88	0.52	0.61	+29	+10	−5	−42	−9	−4	−10	−25	+13	+23	1	−0.82
33723		07 00 21.08	−05 49 36.0	7.21		H	105.087 819 91	−05.826 654 29		2.06	−0.89	−0.70	0.81	0.59	0.91	0.78	0.61	−7	+41	−20	−39	+3	−7	+5	−49	+8	+4	0	0.43
33724		07 00 22.41	−02 25 55.5	7.20		H	105.093 387 26	−02.432 082 59		2.42	−0.88	0.29	0.93	0.64	0.97	0.91	0.68	−18	+18	−21	−51	+7	−5	+6	−49	+4	−16	2	−2.35
33725		07 00 22.88	−43 30 02.2	8.16		H	105.095 349 19	−43.500 618 92		5.03	28.53	−28.97	0.54	0.67	0.69	0.56	0.75	−8	+7	−17	−1	−3	+5	−3	−18	+0	−12	0	−0.44
33726		07 00 23.19	+42 14 11.4	8.96		H	105.096 640 69	+42.236 496 13		5.38	5.45	−3.60	1.14	0.76	1.44	1.41	1.11	−36	+36	−34	+0	−14	−1	−6	−38	+30	−30	0	0.80
33727		07 00 23.42	−15 15 31.9	7.91		G	105.097 575 17	−15.258 866 10		1.23	−4.48	−0.14	0.80	0.63	0.91	0.92	0.72	+9	+21	−19	−20	−7	−20	−9	−24	+12	−12	0	−0.65
33728		07 00 23.62	−49 08 06.0	6.56		H	105.098 419 72	−49.135 003 56		4.96	0.61	−21.80	0.47	0.49	0.53	0.53	0.57	+10	+21	−4	−12	−14	+5	−12	−2	+2	+1	0	−0.38
33729		07 00 23.76	−08 24 24.6	5.95		H	105.099 002 77	−08.406 824 82		2.97	−7.18	1.69	0.66	0.53	0.79	0.68	0.55	−4	+26	−19	−32	−7	+18	+1	−46	+15	+24	2	1.86
33730		07 00 23.86	+15 17 17.3	6.69		H	105.099 419 17	+15.288 125 36		5.33	−20.39	−19.51	0.80	0.49	0.90	0.85	0.54	+4	+37	−13	−2	−7	−22	−9	−16	−7	+23	0	0.22
33731		07 00 24.99	+01 55 53.5	6.76		H	105.104 117 55	+01.931 520 66		3.10	−2.54	−1.78	0.74	0.50	0.86	0.73	0.57	−17	+34	−20	−33	+2	−9	+2	−42	+0	+8	2	0.79
33732		07 00 25.91	−48 43 49.3	9.45		H	105.107 977 87	−48.730 355 62		2.23	3.98	−8.70	0.83	0.79	0.88	1.00	0.96	+9	+12	−3	−16	−13	−7	−13	−9	+2	−4	3	1.06
33733	H	07 00 27.79	−65 54 32.5	8.28		H	105.115 788 74	−65.909 017 76	A	13.55	−23.59	131.06	1.02	0.97	0.97	0.96	1.11	−9	+7	+5	−40	+2	−10	+10	−5	−20	−32	0	0.64
33734		07 00 28.09	−22 38 42.2	7.27		G	105.117 046 97	−22.645 048 63		2.78	−18.39	3.94	0.52	0.59	0.92	0.67	0.73	+8	+4	−8	−15	+6	−8	+4	−28	+20	−8	0	1.60
33735		07 00 28.62	−08 51 57.7	8.63		G	105.119 230 45	−08.866 029 85		6.16	−11.24	3.24	1.09	0.85	1.29	1.43	1.18	+7	+27	−19	−32	−11	−15	−11	−44	+7	+19	0	0.53
33736		07 00 29.56	−41 22 49.2	8.47		G	105.123 187 48	−41.380 331 17		30.54	40.93	216.49	0.61	0.64	0.75	0.67	0.72	+1	+1	+2	+8	−3	+3	−4	−2	−11	−5	0	−0.35
33737		07 00 30.48	−79 41 46.5	10.11	2	H	105.127 012 51	−79.696 254 43		15.60	3.37	59.56	0.92	0.89	0.97	0.96	1.04	−2	+9	−3	−14	−6	+9	−6	−12	+2	−12	0	0.22
33738		07 00 33.43	+42 58 03.9	9.04		H	105.139 312 02	+42.967 762 50		1.77	−3.01	−3.14	1.07	0.66	1.22	1.35	0.89	+2	+35	−8	−20	−30	−3	−28	−41	−3	+13	0	−1.34
33739		07 00 34.11	+34 24 11.3	10.28		H	105.142 108 28	+34.403 151 67		3.05	−10.68	−16.94	1.67	0.98	1.75	2.13	1.38	−14	+39	−4	+4	+8	+12	+19	−45	+5	+9	0	0.83
33740	H	07 00 34.60	−58 23 36.4	8.15		H	105.144 178 84	−58.393 432 20	A	3.95	−3.13	8.06	0.90	0.84	0.84	1.04	0.93	−1	−3	+10	+2	−12	−14	−12	−6	+10	−20	2	0.59
33741		07 00 34.63	−38 02 09.3	7.67		H	105.144 298 78	−38.035 926 90		2.81	1.85	7.89	0.52	0.57	0.70	0.59	0.64	+0	−1	−3	+0	−12	+32	−12	+14	+4	−1	0	0.74
33742		07 00 34.99	−67 32 38.1	9.48		H	105.145 787 39	−67.543 928 28		3.02	12.02	14.19	0.81	0.79	0.85	0.74	1.00	+2	+5	−2	−37	−5	−2	−3	−2	+17	−9	2	0.47
33743	H	07 00 35.09	−20 38 25.0	6.71		H	105.146 209 65	−20.640 290 46	A	4.61	2.66	−6.82	0.55	0.63	0.94	0.69	0.77	−39	+20	−20	−14	+44	−36	+45	−19	+9	−13	3	0.59
33744		07 00 35.33	−41 40 50.4	8.98		H	105.147 205 99	−41.680 660 40		4.33	−7.02	−2.04	0.70	0.77	0.89	0.72	0.93	+2	+2	+4	+11	+4	−1	+4	+12	−23	−5	0	0.79
33745		07 00 36.18	−23 51 19.4	9.23		G	105.150 745 46	−23.855 396 68		3.63	−1.36	3.06	0.69	0.84	1.19	0.85	1.11	+1	+11	+6	−7	+3	−7	+4	−8	−1	−4	1	1.08
33746		07 00 36.82	+44 10 00.2	10.09		H	105.153 423 16	+44.166 721 26		3.55	4.76	3.89	1.38	0.97	1.64	1.81	1.10	−13	+22	−20	−19	−25	+14	−11	−51	+9	+14	0	0.23
33747		07 00 36.92	−34 55 39.0	9.01		H	105.153 839 03	−34.927 508 30		1.91	−6.02	2.26	0.65	0.77	0.92	0.80	0.92	+11	+13	+6	+17	−1	+11	−3	+11	−5	+4	0	0.15
33748		07 00 37.12	+12 43 24.2	7.39		H	105.154 650 09	+12.723 394 72		4.75	−5.37	0.18	0.80	0.55	0.87	0.84	0.63	+3	+24	+3	−11	−3	−3	−6	−36	−3	−9	4	2.41
33749		07 00 37.97	−35 50 16.3	7.84		G	105.158 197 03	−35.837 874 17		2.40	−8.78	8.46	0.50	0.58	0.68	0.53	0.67	+11	+3	−1	−5	−9	+12	−10	−9	+6	+5	0	−0.41
33750		07 00 38.60	−15 23 55.3	7.06	1	H	105.160 849 08	−15.398 691 59		3.30	1.45	−2.90	0.60	0.52	0.82	0.79	0.65	−20	+14	−9	+23	+9	−24	+2	−17	+20	−39	0	1.55
33751		07 00 39.11	−36 02 08.4	8.15		G	105.162 947 03	−36.035 662 85		4.33	0.44	−12.31	0.52	0.61	0.71	0.57	0.71	+9	+12	+2	+10	−9	+9	−8	+3	+11	+2	1	−0.79
33752		07 00 39.12	+16 57 33.1	7.11		H	105.162 988 29	+16.959 206 27		2.68	−0.74	−12.10	0.76	0.46	0.87	0.80	0.51	−11	+48	−19	−1	+16	−33	+12	−19	−3	+11	0	−0.28
33753		07 00 39.32	+12 44 24.1	7.73		H	105.163 818 38	+12.740 016 16		5.35	−8.11	−0.75	0.85	0.56	0.92	0.91	0.67	+0	+27	+0	−12	+1	−3	−1	−40	−1	−7	4	1.07
33754		07 00 39.34	−09 12 10.7	6.49	2	G	105.163 912 60	−09.202 970 55		1.11	−0.87	1.64	0.67	0.51	0.79	0.75	0.60	+9	+28	−23	−17	−16	+8	−8	−33	+15	+33	0	2.33
33755		07 00 39.81	+48 28 31.8	8.70		H	105.165 874 10	+48.475 505 06		11.08	−17.37	7.93	1.04	0.68	1.10	1.21	0.80	−20	+31	−13	−39	+8	−5	+8	−55	−4	−6	0	0.34
33756		07 00 40.15	−14 20 58.7	10.17	2	H	105.167 297 33	−14.349 635 04		2.48	−8.02	−2.92	1.69	1.40	1.79	2.17	1.96	−4	+6	+2	−34	−10	−16	−12	−31	+4	−17	0	−0.55
33757		07 00 40.42	+23 26 24.8	7.17		G	105.168 431 78	+23.440 214 66		1.67	−1.55	−13.76	0.94	0.57	0.93	1.09	0.67	+23	+10	−16	−36	−22	+17	−19	−52	+6	+26	0	−0.66
33758		07 00 41.43	−20 40 31.9	7.29		H	105.172 614 25	−20.675 532 93		4.44	8.84	16.32	0.47	0.53	0.91	0.57	0.69	−6	+23	−11	−27	+17	−30	+21	−25	+27	−12	0	−0.86
33759		07 00 42.18	−25 15 58.2	10.03		H	105.175 743 62	−25.266 166 04		2.91	−1.90	3.01	0.86	1.09	1.60	0.96	1.44	+7	+5	−8	+38	−10	−3	−9	+5	−10	+21	2	0.82
33760		07 00 42.53	−28 29 22.1	6.28		G	105.177 198 00	−28.489 473 69		14.67	−23.42	−41.48	0.41	0.46	0.63	0.55	0.62	+7	+3	−11	+13	−1	+4	−1	+16	−4	+12	0	−0.03
33761		07 00 43.20	−61 08 30.7	7.74		H	105.179 997 81	−61.141 848 35		3.46	−4.19	19.55	0.56	0.58	0.61	0.61	0.71	−1	−3	+17	+2	−3	+18	−13	−21	+5	−18	0	−0.12
33762		07 00 43.98	−12 06 21.3	11.94		H	105.183 241 28	−12.105 929 68		28.25	−4.27	−64.32	4.66	4.09	5.76	5.40	4.44	−9	+22	−34	−26	−9	+11	+2	−44	+26	+15	0	
33763		07 00 44.10	+67 49 59.2	8.82		H	105.183 751 27	+67.833 100 25		1.94	−1.23	9.49	0.72	0.76	1.10	0.77	0.86	+22	+10	−15	−33	−3	+4	+1	−23	+17	+18	2	1.15
33764		07 00 44.14	−09 38 11.9	8.99		G	105.183 901 61	−09.636 632 12		1.50	−1.28	1.06	1.10	0.96	1.28	1.49	1.14	+33	+6	−38	−29	−44	+16	−37	−52	+31	+36	0	0.55
33765	H	07 00 45.04	+27 16 04.1	8.96		H	105.187 648 49	+27.267 817 12	A	8.20	67.08	−13.84	6.02	4.28	1.72	2.15	1.24	−57	+8	+1	−1	+1	+10	+3	−11	+3	+30	3	−0.64
33766		07 00 45.47	−71 23 46.9	8.14		H	105.189 458 60	−71.396 357 80		11.19	−58.22	54.79	0.57	0.54	0.59	0.63	0.61	−3	+7	+7	−27	+7	+3	+9	−1	−4	−13	1	0.86
33767		07 00 46.25	+32 03 13.8	9.24		H	105.192 729 07	+32.053 834 34		11.72	−11.65	−6.86	1.42	0.76	1.50	1.74	1.09	+11	+44	−14	−9	−29	+6	−11	−46	+21	+37	0	1.55
33768		07 00 46.80	+37 07 42.8	8.34		H	105.195 011 02	+37.128 563 30		3.61	2.16	−28.35	1.11	0.69	1.17	1.84	0.98	+18	+23	−24	+1	−41	+27	−14	−48	+29	+60	2	0.44
33769		07 00 47.54	−26 05 36.4	7.83	2	H	105.198 080 85	−26.093 448 75		1.26	−2.91	4.28	0.45	0.55	0.80	0.54	0.75	+9	+2	−16	+3	−8	−10	−10	−1	−6	+20	0	−0.85
33770	H	07 00 47.55	−25 38 37.7	7.35		H	105.198 135 01	−25.643 813 39	A	2.05	−3.30	3.39	0.58	0.72	0.97	0.59	0.86	−1	+10	−6	+19	−8	+3	−7	+5	+3	+19	2	−0.11
33771		07 00 47.63	−27 46 26.1	7.79		H	105.198 469 11	−27.773 905 91		3.05	2.84	9.11	0.57	0.70	1.00	0.77	0.97	+9	+9	−27	+8	−2	+8	+1	+0	+12	+21	0	−0.22
33772		07 00 49.15	−61 33 02.9	9.10		H	105.204 800 99	−61.550 807 30		1.42	−7.87	14.50	0.82	0.80	0.83	0.89	1.05	+4	−2	+7	−19	−11	+2	−15	−19	+13	−21	0	2.15
33773		07 00 49.69	+74 56 27.1	8.13		G	105.207 025 01	+74.940 869 16		11.02	−26.76	−51.27	0.53	0.66	0.88	0.54	0.69	+18	+18	+17	+7	−4	+6	−4	−5	+2	+20	0	−0.04
33774		07 00 49.74	−33 27 56.6	6.39	1	H	105.207 245 83	−33.465 720 30		7.80	13.13	78.19	0.42	0.50	0.59	0.49	0.67	+10	−6	−2	+24	−4	+18	−6	+24	+14	+20	1	−0.06
33775		07 00 50.69	−26 57 34.7	8.65		H	105.211 190 29	−26.959 635 51		2.29	−2.16	1.48	0.62	0.73	1.03	0.79	1.01	+4	+11	−6	+17	+2	+10	+3	+13	−6	+24	0	−1.11
33776		07 00 51.01	−40 56 58.0	7.72		H	105.212 522 48	−40.949 439 38		2.19	15.14	18.79	0.52	0.62	0.69	0.53	0.67	−5	+4	+4	+1	−5	+13	−6	+7	−14	−11	0	−0.89
33777		07 00 51.04	+23 35 58.7	8.92		H	105.212 676 00	+23.599 625 09		2.81	3.58	−19.88	1.12	0.69	1.22	1.21	0.78	+4	+27	−21	−15	−13	−10	−11	−36	+8	+15	2	−0.33
33778		07 00 51.15	−23 35 47.9	9.32	2	H	105.213 116 14	−23.596 630 42		1.23	−2.32	2.91	0.65	0.75	1.11	0.87	0.94	−12	+3	−5	−7	+7	−8	+6	−8	+3	−18	0	−0.84
33779		07 00 51.51	−51 24 09.5	5.14	1	H	105.214 604 98	−51.402 633 60		5.28	−21.64	20.12	0.45	0.45	0.52	0.54	0.57	−16	+23	−12	+2	+6	−20	+4	−17	+10	−24	4	1.01
33780		07 00 51.79	−60 01 46.1	10.06		G	105.215 804 70	−60.029 474 53		12.16	25.56	201.60	0.93	0.97	1.00	1.06	1.19	−14	+4	+18	−2	+5	−3	+4	−16	−5	−26	0	0.71
33781		07 00 52.00	−19 26 39.9	6.99		H	105.216 677 36	−19.444 405 14		4.22	−11.16	−0.21	0.62	0.62	0.85	0.73	0.71	−20	+34	−26	+18	+8	−5	+12	−23	+17	−13	0	0.17
33782		07 00 52.88	+24 28 50.8	8.05		H	105.220 320 17	+24.480 763 94		2.51	−2.89	−6.74	0.90	0.50	0.92	1.04	0.60	+2	+34	−13	+28	+11	−13	+19	−12	+1	+30	0	0.10
33783		07 00 54.28	+41 16 25.3	9.44		H	105.226 180 29	+41.273 700 64		7.05	12.63	3.88	1.16	0.80	1.46	1.55	1.18	−22	+22	+19	+7	−22	−14	−29	−25	+3	−46	0	−0.29
33784		07 00 54.32	−24 29 23.4	7.52		H	105.226 337 28	−24.489 834 01		6.62	1.50	3.83	0.39	0.53	0.77	0.42	0.73	+16	+6	−12	+33	−20	+4	−17	−11	−5	+33	1	0.84
33785		07 00 55.54	+17 56 27.9	9.27		H	105.231 432 13	+17.941 072 50		3.24	−1.80	−6.46	1.47	0.94	1.67	1.65	1.19	−16	+31	−15	−4	−6	−29	−18	−16	−4	−27	0	−0.40
33786		07 00 56.11	−00 40 09.2	7.25		H	105.233 772 55	−00.669 209 75		3.63	−11.47	−9.24	0.74	0.52	0.90	0.71	0.52	−1	+42	−16	−25	−7	−18	−5	−36	+4	+22	0	−0.05
33787		07 00 56.21	−27 33 51.4	10.00		H	105.234 191 57	−27.564 268 05		−0.03	−8.12	6.90	0.90	1.11	1.64	1.21	1.55	+15	+5	−18	+15	+3	+18	+8	+8	+11	+37	2	0.61
33788		07 00 57.30	−72 33 38.4	7.97		H	105.238 739 01	−72.560 672 96		8.56	−18.99	19.81	0.62	0.57	0.63	0.68	0.67	−6	+19	+1	−4	−12	+5	−9	+3	+13	−19	0	−0.13
33789		07 00 58.63	+10 37 30.3	6.83	1	H	105.244 276 07	+10.625 091 55		1.71	−3.99	−22.71	0.78	0.50	0.86	0.92	0.73	+2	+36	−15	−11	−8	−15	−15	−24	−6	+5	0	1.64
33790		07 00 59.59	+59 28 58.4	9.17		H	105.248 287 08	+59.482 888 42		4.90	4.18	4.74	0.87	0.62	1.24	1.01	0.78	+8	+26	−16	+34	+10	−9	+2	−11	+5	−6	0	−0.24
33791		07 00 59.82	−08 42 32.4	10.38	3	H	105.249 256 56	−08.708 997 71		0.90	−1.63	3.26	1.68	1.30	1.94	1.95	1.60	−16	+16	−10	−23	+3	+2	+7	−38	−3	+9	0	−1.06
33792	H	07 01 00.09	−52 02 14.8	8.67		H	105.250 385 39	−52.037 444 79	A	5.45	−23.01	34.79	1.24	1.21	1.23	1.25	1.42	−2	+26	+0	−27	+6	−27	+8	−24	+5	−19	0	0.12
33793	H	07 01 01.60	+26 14 00.4	9.45		H	105.256 669 73	+26.233 434 76	A	14.90	−41.78	−60.44	3.48	1.91	2.73	4.09	2.15	+15	+28	−4	+10	−10	+4	+2	−32	+12	+66	1	0.01
33794		07 01 01.96	−03 15 09.1	7.22	2	H	105.258 153 56	−03.252 530 88		3.23	−6.38	−3.35	0.83	0.63	0.96	0.89	0.63	−5	+24	−7	−31	+6	+17	+9	−49	+0	+15	0	−0.24
33795		07 01 02.74	−73 04 02.4	8.19		H	105.261 404 06	−73.067 323 60		2.83	−9.95	0.21	0.63	0.58	0.64	0.66	0.68	−1	+10	−7	−13	−9	+7	−8	−14	+13	−21	0	1.42
33796		07 01 02.93	−22 31 28.9	9.35		H	105.262 210 71	−22.524 683 83		4.15	−1.81	3.66	0.75	0.92	1.39	1.04	1.07	+4	+9	−21	−3	+6	+1	+6	−19	+9	+2	0	1.54
33797		07 01 03.36	−36 37 58.9	8.59		H	105.263 990 87	−36.633 033 63		1.10	−3.87	9.13	0.62	0.69	0.85	0.67	0.85	+8	+21	+1	+3	+3	+14	+4	+4	+3	+9	0	−1.48
33798		07 01 04.42	−49 42 30.6	7.68		H	105.268 422 65	−49.708 507 97		2.51	−7.02	8.90	0.57	0.63	0.67	0.64	0.81	+10	+14	−3	−10	−13	+6	−12	−8	+15	+7	0	0.13
33799		07 01 04.52	−21 57 53.2	7.66		H	105.268 820 84	−21.964 790 13		23.06	−11.09	54.25	0.46	0.57	0.96	0.60	0.73	+9	+6	−13	−14	+0	+3	+2	−31	+25	+8	0	−0.86
33800		07 01 05.18	−58 56 25.1	6.01		H	105.271 574 18	−58.940 296 33		18.65	−56.89	147.82	0.43	0.45	0.46	0.50	0.55	−6	+0	+10	+14	−6	−12	−6	+10	+1	−15	0	0.67

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
33701	9.161	0.016	7.336	0.008		1.530	0.015	G	1.57	0.03	H	7.2968	0.0010	0.010	81		7.28	7.31		C			1							S
33702	12.004	0.149	11.421	0.136		0.545	0.178	T	0.62	0.17	L	11.3168	0.0046	0.049	110		11.24	11.38					1							G
33703	6.140	0.003	6.289	0.003		−0.134	0.001	G	−0.13	0.00	H	6.2786	0.0006	0.010	182		6.26	6.29					1							S
33704	10.206	0.022	9.653	0.021	*	0.518	0.027	T	0.59	0.03	L *	9.5719	0.0021	0.027	226	*	9.52	9.61		D	07001+6622	I 1	2 C	A	AB	18	1.052	0.006	1.21	0.03	
33705	7.135	0.004	6.670	0.004		0.438	0.005	T	0.51	0.01	L	6.7143	0.0006	0.007	126		6.70	6.73		C			1							S
33706	9.342	0.019	7.736	0.010		1.345	0.017	T	1.31	0.02	L	7.7427	0.0017	0.012	90		7.72	7.77					1							
33707	10.442	0.036	8.541	0.015		1.579	0.031	T	1.60	0.03	L	8.4036	0.0038	0.032	87		8.36	8.46		U 2			1							
33708	8.084	0.009	8.278	0.012		−0.151	0.007	G	−0.15	0.01	H	8.2511	0.0017	0.019	150		8.22	8.29					1							
33709	9.996	0.035	9.561	0.037		0.411	0.047	T	0.48	0.05	L	9.6588	0.0025	0.018	67		9.63	9.68		C			1							
33710	8.033	0.009	7.667	0.010		0.376	0.001	G	0.44	0.00	H	7.7205	0.0018	0.013	95		7.69	7.74					1							S
33711	9.001	0.015	8.948	0.019		0.048	0.022	T	0.06	0.02	L	8.9430	0.0025	0.021	74		8.91	8.97					1							
33712	8.648	0.013	7.561	0.009		0.940	0.012	T	0.93	0.01	L	7.6286	0.0011	0.008	78		7.61	7.64					1							
33713	8.209	0.011	7.006	0.006		1.029	0.010	T	1.00	0.01	L	7.0701	0.0015	0.010	113		7.06	7.09		C			1							S
33714	9.705	0.022	7.935	0.010		1.475	0.019	T	1.49	0.03	L	7.9051	0.0019	0.016	89		7.88	7.93		C			1							
33715	7.889	0.010	5.911	0.006		1.641	0.055	G	1.62	0.03	C	5.8436	0.0017	0.018	82		5.82	5.87		U 2			1							S
33716	9.297	0.014	8.053	0.009		1.061	0.013	T	1.03	0.01	L	8.1057	0.0016	0.015	146		8.08	8.13					1							
33717	7.640	0.008	7.696	0.010		−0.048	0.015	G	−0.03	0.01	H	7.7004	0.0012	0.011	103		7.69	7.72		C	07003−6052	I 1	1							S
33718	6.675	0.005	6.823	0.007		−0.129	0.008	T	−0.12	0.01	L	6.8165	0.0009	0.007	73		6.81	6.83		C			1							S
33719	6.988	0.005	6.358	0.004		0.572	0.003	G	0.64	0.00	H	6.4132	0.0007	0.005	79		6.40	6.43		C			1							S
33720	10.411	0.033	8.781	0.015		1.364	0.029	T	1.33	0.03	L	8.7597	0.0011	0.016	101		8.73	8.78					1							
33721	6.295	0.003	6.495	0.003		−0.173	0.004	T	−0.18	0.01	L	6.4695	0.0011	0.013	214		6.45	6.50	1.11	P 1 A	07003−2207	I 1	1							S
33722	7.680	0.005	6.633	0.004	*	0.909	0.005	T	0.91	0.00	L *	6.6851	0.0006	0.008	212	*	6.67	6.70		D	07003+6720	H 1	2 C	A	AB	218	0.498	0.009	2.62	0.03	S
33723	7.165	0.006	7.207	0.008		−0.035	0.009	T	−0.01	0.01	L	7.2046	0.0013	0.010	76		7.18	7.22		C			1							S
33724	8.659	0.011	7.325	0.007		1.132	0.010	T	1.10	0.01	L	7.3652	0.0016	0.012	80		7.35	7.38					1							S
33725	9.715	0.018	8.298	0.010		1.197	0.016	T	1.16	0.02	L	8.3297	0.0012	0.013	112		8.30	8.36					1							
33726	9.400	0.018	9.008	0.018		0.371	0.024	T	0.43	0.03	L	9.0486	0.0018	0.016	94		9.02	9.07		C			1							
33727	7.805	0.013	7.866	0.014		−0.070	0.015	G	−0.05	0.01	H	7.8847	0.0017	0.012	71		7.87	7.90		C			1							S
33728	7.668	0.006	6.657	0.005		0.882	0.006	T	0.89	0.00	L	6.7208	0.0008	0.007	115		6.71	6.73		C			1							S
33729	5.853	0.004	5.931	0.005		−0.075	0.003	G	−0.05	0.00	H	5.9326	0.0007	0.006	81		5.92	5.94		C	07004−0824	I 1	1							S
33730	8.391	0.014	6.838	0.007		1.304	0.012	T	1.26	0.01	L	6.8495	0.0010	0.008	69		6.84	6.86		C			1							S
33731	6.585	0.005	6.738	0.006		−0.133	0.007	T	−0.12	0.01	L	6.7189	0.0006	0.006	86		6.71	6.73					1							S
33732	10.668	0.040	9.549	0.025		0.964	0.037	T	0.95	0.03	L	9.6148	0.0024	0.021	112		9.58	9.65		C			1							
33733	9.049	0.014	8.396	0.012	*	0.597	0.013	T	0.67	0.01	L *	8.4074	0.0018	0.015	97	*	8.38	8.44		D	07005−6555	I 1	2 C	A	AB	213	0.758	0.005	1.83	0.02	S
33734	9.316	0.012	7.444	0.005		1.550	0.015	G	1.62	0.02	H	7.4063	0.0017	0.015	177		7.38	7.43					1							S
33735	8.503	0.013	8.562	0.016		−0.089	0.008	G	−0.07	0.01	H	8.6210	0.0019	0.015	73		8.60	8.65		C			1	G						
33736	9.593	0.018	8.574	0.013		0.899	0.015	G	0.94	0.01	H	8.6093	0.0010	0.011	114		8.59	8.63					1							
33737	11.274	0.071	10.216	0.046		0.908	0.066	T	0.95	0.07	L	10.2518	0.0037	0.031	115		10.18	10.31		U			1							G
33738	9.107	0.014	9.036	0.018		0.070	0.021	T	0.08	0.02	L	9.0712	0.0018	0.013	85		9.05	9.09					1							
33739	10.701	0.053	10.226	0.055		0.447	0.070	T	0.52	0.07	L	10.3806	0.0039	0.020	68		10.35	10.41		C			1							G
33740	8.233	0.008	8.181	0.010	A	0.100	0.495	G	0.04	0.02	L *	8.1602	0.0013	0.013	118	*	8.14	8.18		D	07006−5824	I 1	2 C	A	AB	272	5.849	0.019	3.15	0.09	S
33741	8.835	0.010	7.785	0.007		0.912	0.009	T	0.91	0.01	L	7.8306	0.0011	0.012	132		7.81	7.86		C			1							
33742	11.003	0.054	9.625	0.027		1.166	0.047	T	1.13	0.04	L	9.6393	0.0028	0.022	104		9.60	9.67					1							
33743	7.011	0.004	6.708	0.004	*	0.289	0.006	T	0.33	0.01	L *	6.7893	0.0006	0.009	266	*	6.77	6.81		D	07006−2038	I 1	2 C	A	AB	143	5.182	0.018	3.55	0.07	S
33744	9.297	0.016	8.999	0.018		0.283	0.025	T	0.32	0.03	L	9.0539	0.0021	0.018	109		9.02	9.08					1							
33745	9.038	0.012	9.157	0.017		−0.160	0.015	G	−0.16	0.02	H	9.1707	0.0023	0.026	174		9.12	9.22					1							
33746	10.646	0.045	10.143	0.047		0.473	0.059	T	0.54	0.06	L	10.1936	0.0031	0.022	89		10.15	10.23		C			1							G
33747	10.894	0.050	9.131	0.018		1.469	0.042	T	1.48	0.06	L	9.1430	0.0022	0.017	121		9.11	9.17					1							
33748	7.505	0.008	7.437	0.010		0.199	0.150	G	0.22	0.17	R	7.4568	0.0018	0.012	87		7.44	7.48			07006+1244	I 2	1							S
33749	7.829	0.007	7.844	0.009		0.000	0.002	G	0.02	0.00	H	7.8521	0.0013	0.012	137		7.83	7.88		C			1							S
33750	9.146	0.017	7.247	0.008		1.577	0.015	T	1.60	0.01	L	7.1731	0.0012	0.010	94		7.15	7.19		M			1							S
33751	8.569	0.010	8.167	0.010		0.378	0.015	G	0.44	0.02	H	8.2322	0.0011	0.013	140		8.21	8.26					1							S
33752	7.034	0.006	7.098	0.008		−0.054	0.009	T	−0.03	0.01	L	7.0986	0.0008	0.008	77		7.09	7.12					1							S
33753	7.831	0.009	7.762	0.012		0.178	0.150	G	0.20	0.17	R	7.7866	0.0010	0.009	88		7.78	7.80			07006+1244	I 2	1							
33754	6.680	0.006	6.532	0.006		0.142	0.008	T	0.30	0.03	C	6.5487	0.0025	0.020	79		6.51	6.57		U 2			1							S
33755	9.279	0.018	8.724	0.017		0.520	0.022	T	0.59	0.02	L	8.8129	0.0021	0.013	74		8.78	8.83		C			1							
33756	11.632	0.119	10.154	0.046		1.264	0.105	T	4.23	0.96	K	9.5046	0.0227	0.146	72		9.28	9.74		U 2 C			1	S						G
33757	7.076	0.006	7.155	0.007		−0.090	0.020	G	−0.07	0.02	H	7.1425	0.0013	0.010	82		7.13	7.16					1							S
33758	8.900	0.007	7.423	0.004		1.244	0.006	T	1.20	0.01	L	7.4556	0.0009	0.014	276		7.43	7.48					1							
33759	10.055	0.042	9.984	0.060		−0.068	0.064	G	−0.05	0.06	R	10.0147	0.0034	0.033	198		9.97	10.07					1							G
33760	6.822	0.004	6.337	0.004		0.449	0.006	G	0.52	0.01	H	6.3849	0.0006	0.008	170		6.37	6.40		C			1							S
33761	7.778	0.007	7.745	0.009		0.030	0.010	T	0.05	0.01	L	7.7533	0.0013	0.010	99		7.74	7.77		C			1							S
33762						1.779	0.200	G	2.21	0.29	K	12.0006	0.0081	0.063	74		11.85	12.11					1	X						G
33763	10.265	0.024	8.907	0.013		1.150	0.021	T	1.11	0.02	L	8.9871	0.0018	0.021	148		8.96	9.04					1							
33764	8.910	0.015	8.930	0.019		−0.074	0.003	G	−0.05	0.00	H	8.9736	0.0022	0.015	77		8.95	9.00		C			1							
33765	9.751	0.026	9.059	0.023	*	0.639	0.029	T	0.70	0.03	L *	9.0886	0.0016	0.014	78	*	9.07	9.11		D	07008+2716	I 1	2 C	A	AB	59	0.325	0.006	0.09	0.05	
33766	8.710	0.011	8.195	0.010		0.529	0.007	G	0.60	0.01	H	8.2524	0.0017	0.011	109		8.23	8.28		C			1							S
33767	9.913	0.028	9.339	0.026		0.537	0.034	T	0.61	0.04	L	9.3584	0.0027	0.015	68		9.33	9.39		C			1							
33768	8.797	0.015	8.341	0.015		0.430	0.019	T	0.50	0.02	L	8.4327	0.0014	0.010	71		8.42	8.46					1							
33769	7.662	0.005	7.810	0.007		−0.137	0.004	G	−0.13	0.01	H	7.7829	0.0016	0.019	201		7.76	7.83		U 2			1							S
33770	7.152	0.006	7.285	0.009	*	−0.116	0.010	T	−0.10	0.01	L *	7.3112	0.0010	0.012	204	*	7.29	7.33		D	07008−2539	I 1	2 C	A	AB	139	3.773	0.009	2.81	0.05	S
33771	9.467	0.020	7.933	0.011		1.289	0.018	T	1.25	0.02	L	7.9457	0.0015	0.015	150		7.92	7.97					1							
33772	10.142	0.025	9.224	0.018		0.813	0.023	T	0.84	0.02	L	9.2501	0.0018	0.015	97		9.22	9.28		C			1	S						
33773	8.707	0.009	8.198	0.009		0.483	0.015	G	0.55	0.02	H	8.2448	0.0014	0.016	170		8.22	8.27					1							S
33774	7.739	0.006	6.516	0.004		1.052	0.003	G	1.08	0.04	E	6.5572	0.0012	0.011	134		6.54	6.58		M			1							S
33775	8.540	0.008	8.618	0.010		−0.067	0.011	T	−0.04	0.01	L	8.6306	0.0018	0.020	180		8.60	8.67		C			1							
33776	9.617	0.018	7.888	0.009		1.442	0.016	T	1.44	0.03	L	7.8610	0.0013	0.012	116		7.84	7.88		C			1							S
33777	10.582	0.044	9.083	0.021		1.261	0.038	T	1.22	0.04	L	9.0757	0.0025	0.016	77		9.05	9.10		C			1							
33778	9.198	0.014	9.286	0.019		−0.075	0.021	T	−0.05	0.03	L	9.3044	0.0056	0.044	172		9.24	9.37	11.94	P 1 A			1							
33779	7.303	0.006	5.353	0.004		1.652	0.016	G	1.89	0.07	G	5.2276	0.0027	0.022	98		5.20	5.26		U 2			1	G						S P
33780	10.864	0.049	10.166	0.041		0.783	0.002	G	0.83	0.00	H	10.2026	0.0021	0.022	99		10.17	10.24		C			1							G
33781	6.989	0.005	6.991	0.007		−0.001	0.008	T	0.02	0.01	L	6.9976	0.0020	0.012	89		6.98	7.02					1							S
33782	8.197	0.010	8.060	0.012		0.132	0.015	T	0.15	0.01	L	8.0957	0.0014	0.011	78		8.08	8.12		C			1							
33783	9.925	0.021	9.468	0.021		0.431	0.027	T	0.50	0.03	L	9.5361	0.0020	0.018	112		9.51	9.57		C			1							
33784	7.765	0.005	7.550	0.005		0.205	0.007	T	0.23	0.01	L	7.5861	0.0009	0.015	250		7.56	7.61					1							S
33785	10.649	0.051	9.389	0.029		1.074	0.046	T	1.04	0.04	L	9.4400	0.0033	0.017	65		9.40	9.46					1							
33786	7.364	0.007	7.263	0.007		0.098	0.009	T	0.11	0.01	L	7.2865	0.0012	0.008	91		7.27	7.30		C	07009−0040	I 1	1							
33787	11.116	0.065	10.036	0.038		0.925	0.059	T	0.92	0.04	L	10.1497	0.0022	0.030	144		10.12	10.20					1	S						G
33788	8.425	0.009	8.017	0.009		0.412	0.012	G	0.48	0.01	H	8.0619	0.0016	0.014	114		8.04	8.09					1							S
33789	8.913	0.017	7.025	0.008		1.568	0.015	T	1.59	0.01	L	6.9485	0.0018	0.011	65		6.93	6.97		M			1							S
33790	9.519	0.019	9.214	0.021		0.290	0.027	T	0.33	0.03	L	9.2473	0.0024	0.018	107		9.22	9.28					1							
33791											T	10.5332	0.0479	0.248	75		9.91	10.64	8.01	P 1 A			1	S						G
33792	9.170	0.014	8.781	0.015	*	0.368	0.019	T	0.43	0.02	L *	8.7595	0.0017	0.015	99	*	8.74	8.79		D	07010−5202	I 1	2 C	A	AB	190	0.873	0.009	1.89	0.04	
33793	10.833	0.067	9.759	0.042	*	0.930	0.060	T	0.92	0.04	L *	9.6075	0.0028	0.020	76	*	9.58	9.64		R	07010+2614	I 1	2 C	A	AB	245	0.950	0.010	0.98	0.06	
33794	9.740	0.026	7.475	0.009		1.843	0.020	T	1.87	0.02	L	7.3075	0.0079	0.097	74		7.18	7.45		U 2			1	S						S
33795	9.554	0.017	8.324	0.010		1.050	0.015	T	1.02	0.01	L	8.3582	0.0016	0.015	116		8.33	8.39					1							
33796	9.252	0.013	9.331	0.019		−0.067	0.020	T	−0.04	0.02	L	9.3365	0.0024	0.027	175		9.29	9.38					1							
33797	10.280	0.026	8.721	0.012		1.308	0.023	T	1.27	0.02	L	8.7481	0.0016	0.014	131		8.72	8.77					1							
33798	9.596	0.021	7.867	0.010		1.442	0.018	T	1.44	0.03	L	7.8160	0.0015	0.012	101		7.80	7.84		C			1							
33799	8.303	0.007	7.736	0.007		0.534	0.007	T	0.61	0.01	L	7.7789	0.0010	0.013	221		7.75	7.80					1							S
33800	6.355	0.003	6.044	0.003		0.297	0.005	T	0.34	0.01	L	6.0884	0.0006	0.006	129		6.08	6.10		C			1							S

Number HIP		Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag			Position: epoch J1991.25 α (ICRS) deg	δ deg		Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ	Standard Errors α* mas	δ	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ	Astrometric Correlations (%) δ/α*	π/α*	π/δ	$\mu_{\alpha*}$/α*	$\mu_{\alpha*}$/δ	$\mu_{\alpha*}$/π	μ_δ/α*	μ_δ/δ	μ_δ/π	μ_δ/$\mu_{\alpha*}$	Soln F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
*33801		07 01 05.60	+32 26 20.7	8.23		H	105.273 324 56	+32.439 073 41		8.25	−9.92	−13.54	1.16	0.63	1.23	1.26	0.82	+0	+51	−14	+10	−12	+7	+3	−26	+20	+18	0	0.29
*33802		07 01 05.60	−65 42 24.0	7.33		G	105.273 324 01	−65.706 659 15		16.91	−108.17	64.95	0.50	0.50	0.53	0.53	0.56	+0	+6	+11	−5	−8	+2	−8	+5	−8	−14	1	−0.19
33803		07 01 05.67	−40 47 41.9	7.36		H	105.273 633 77	−40.794 974 08		5.59	−15.18	10.67	0.45	0.52	0.59	0.46	0.58	−1	+5	−3	−6	−5	+13	−5	+2	−9	−5	0	0.02
33804		07 01 05.95	−25 12 56.3	5.64	1	H	105.274 788 53	−25.215 645 81		3.17	−4.58	4.65	0.31	0.41	0.59	0.34	0.54	+12	+12	−4	+24	−9	−6	−11	+2	−12	+24	0	−0.99
33805		07 01 06.38	+59 49 59.7	10.93		G	105.276 596 97	+59.833 253 19		43.88	−166.28	9.97	1.64	1.21	2.21	2.10	1.52	+28	+35	−7	+12	−20	+13	−24	−36	−8	+21	0	−0.05
*33806		07 01 08.46	+40 01 07.4	8.61		G	105.285 233 83	+40.018 729 46		13.45	−13.69	−73.88	1.17	0.65	1.31	1.36	0.87	−15	+43	−6	+14	−2	−6	+5	−34	+3	+0	0	0.89
*33807		07 01 08.45	−57 11 30.5	8.44		G	105.285 228 47	−57.191 792 92		4.64	−1.62	−0.09	0.60	0.59	0.62	0.73	0.74	−5	+6	−2	+9	−13	+6	−16	−9	+11	−21	0	1.37
33808		07 01 08.64	+29 44 09.2	7.69		H	105.286 006 85	+29.735 901 67		1.77	−9.80	−1.59	0.97	0.51	0.96	1.44	0.82	+17	+16	−12	+41	+15	−12	+27	−12	+18	+36	0	0.80
33809		07 01 08.67	+53 05 32.2	9.00		H	105.286 106 34	+53.092 281 74		3.64	9.67	−11.22	1.01	0.78	1.17	1.37	0.97	−8	+25	+9	−23	−1	+5	+0	−46	−4	−4	0	1.50
33810	H	07 01 09.85	+11 46 28.7	6.77		H	105.291 056 79	+11.774 637 10	*	3.50	−0.28	−13.47	0.73	0.50	0.83	0.74	0.56	−12	+31	−3	−18	+4	−16	+2	−39	−11	+0	0	−0.01
33811		07 01 10.34	−38 25 24.1	8.80		H	105.293 088 49	−38.423 368 69		1.63	−9.08	−9.52	0.68	0.70	0.85	0.78	0.94	+0	+2	−2	−9	−6	+12	−7	+9	+0	+3	0	0.00
33812		07 01 10.68	−30 39 53.5	7.41		G	105.294 501 54	−30.664 849 31		6.34	−11.28	34.50	0.47	0.56	0.72	0.53	0.65	+2	+6	+10	+29	+0	+21	−1	+12	+9	+4	2	−0.99
33813		07 01 11.56	−73 33 09.0	7.80		H	105.298 148 85	−73.552 512 72		3.34	−7.38	24.84	0.59	0.59	0.62	0.61	0.65	−4	+20	−7	−9	−9	+9	−7	−12	+11	−22	1	−0.52
33814		07 01 12.24	−27 41 14.8	8.11		G	105.300 987 17	−27.687 433 54		2.31	−3.23	2.60	0.53	0.64	0.93	0.72	0.90	+11	+8	−15	+13	−1	+13	+2	+5	+12	+31	0	−0.60
33815		07 01 12.60	+29 13 01.0	7.62		H	105.302 511 05	+29.216 950 62		1.84	−2.80	−1.15	1.14	0.65	1.26	1.90	1.16	+25	+19	−29	+7	−26	+19	−2	−45	+42	+57	6	−0.42
*33816		07 01 13.61	+54 51 24.3	6.92		G	105.306 719 12	+54.856 759 67		3.32	−3.32	−32.10	0.65	0.49	0.87	0.73	0.67	−24	+32	−7	+33	+24	−2	+22	−5	+15	−47	2	0.82
*33817		07 01 13.61	−25 56 55.7	6.71	1	H	105.306 693 54	−25.948 815 74		68.42	206.58	40.89	0.38	0.58	0.72	0.48	0.72	+10	+4	−12	+4	−29	−10	−18	+11	−7	+12	0	−0.62
33818		07 01 14.35	+15 54 49.7	10.13		H	105.309 780 43	+15.913 815 22		27.34	−47.92	−17.22	2.06	1.06	2.07	1.98	1.27	+27	+56	+2	−47	−25	−36	−24	−47	−2	+27	3	2.01
33819		07 01 14.98	+00 00 37.8	7.57		H	105.312 421 80	+00.010 508 99		13.68	−60.35	10.37	0.90	0.59	1.03	0.82	0.64	+3	+49	−3	−41	−8	−27	−13	−44	−7	+4	0	1.09
33820	H	07 01 15.43	−20 34 21.3	8.82		G	105.314 302 54	−20.572 594 31	A	1.59	−1.52	3.36	1.66	1.99	2.74	1.70	2.31	−30	+25	−8	−32	+19	−34	+19	−22	+3	−23	4	1.85
33821		07 01 15.48	+35 50 43.2	9.43		H	105.314 499 72	+35.845 345 73		−0.61	−5.75	−3.56	1.28	0.70	1.36	1.66	0.97	+0	+41	−29	+6	−21	+6	−3	−37	+16	+39	0	−0.26
33822		07 01 16.40	−02 09 18.6	8.66	2	H	105.318 344 77	−02.155 172 92		3.48	9.51	−6.74	1.05	0.74	1.16	1.20	0.89	+3	+16	−19	−42	−10	−10	−12	−39	+1	+17	0	−1.62
33823		07 01 17.02	+32 24 52.6	6.55		H	105.320 921 69	+32.414 606 08		7.64	−12.63	−18.24	1.03	0.55	1.06	1.12	0.71	+13	+52	−16	−6	−20	−6	−7	−39	+14	+33	0	2.05
33824		07 01 18.01	+55 19 49.8	9.93	3	H	105.325 049 62	+55.330 493 96		−3.39	−2.59	−1.45	1.60	1.28	1.79	2.12	2.10	−62	−16	+5	−39	+69	−4	+64	−75	+1	−76	0	0.75
33825		07 01 18.30	−50 28 00.3	7.25		G	105.326 252 67	−50.466 736 14		3.45	−4.26	8.27	0.52	0.52	0.58	0.60	0.67	−7	+20	−5	−4	+1	−6	+2	−3	+8	−20	1	−0.61
33826		07 01 20.85	−48 05 59.7	9.74		H	105.336 888 82	−48.099 921 90		2.15	9.41	2.04	0.80	0.79	0.89	0.86	0.98	+1	+9	−3	−3	−9	+2	−8	+7	−6	−18	1	−0.41
33827		07 01 21.40	+70 48 30.0	5.69		H	105.339 149 14	+70.808 334 21		7.14	12.75	−15.80	0.33	0.45	0.65	0.39	0.45	+13	+11	−8	+16	+14	+4	+14	−4	−8	+27	0	−0.90
33828		07 01 21.62	−25 12 21.8	9.33		H	105.340 097 43	−25.206 061 73		0.77	−4.13	6.91	0.66	0.88	1.30	0.76	1.24	+8	+8	−15	+39	−7	+3	−6	+11	−16	+23	0	−0.37
33829		07 01 22.26	−23 11 24.3	8.34		H	105.342 767 87	−23.190 073 36		1.55	−2.69	6.95	0.67	0.73	1.10	0.92	0.94	+1	+16	+8	−4	+9	−1	+8	−15	−2	−7	0	1.84
33830		07 01 23.63	−75 37 15.4	8.87		H	105.348 465 27	−75.620 954 19	A	3.31	8.81	11.48	1.32	1.31	1.17	1.32	1.31	+10	+10	+3	−30	−11	+3	−12	−38	−5	−6	0	0.41
33831		07 01 23.91	+26 17 41.1	9.31		H	105.349 611 09	+26.294 741 53		2.99	−7.79	−12.29	1.47	0.82	1.48	1.93	1.06	+18	+38	−1	+7	−3	+6	+10	−38	+6	+47	0	−1.10
33832		07 01 23.94	+08 37 53.6	8.52		H	105.349 746 19	+08.631 562 81		3.61	−5.97	−4.76	1.12	0.74	1.31	1.26	0.89	−13	+29	−26	−39	+3	−31	−6	−44	−10	+11	0	1.05
33833		07 01 24.52	+27 22 49.0	8.15		H	105.352 187 48	+27.380 268 37		0.36	−7.74	−1.42	1.10	0.62	1.11	1.23	0.74	+12	+31	−5	+18	+9	+5	+16	−28	+12	+25	0	−0.79
33834		07 01 24.89	−02 09 15.8	9.96		H	105.353 711 73	−02.154 391 13		1.59	−1.92	−0.97	1.32	0.93	1.47	1.49	1.14	+0	+17	−19	−45	−8	−15	−13	−36	−4	+10	0	−0.53
*33835		07 01 27.06	+51 45 17.8	8.15		H	105.362 741 71	+51.754 933 36		4.25	−6.35	−21.37	0.82	0.61	1.00	1.03	0.72	+3	+30	−20	−9	−17	−2	−10	−36	+8	+26	0	−0.43
*33836		07 01 27.05	−03 07 03.3	7.70		G	105.362 706 20	−03.117 580 15	A	0.31	−0.67	−0.04	2.55	1.94	2.19	2.54	1.81	−14	+30	−6	−34	+3	+8	+5	−47	+1	+3	19	0.73
33837		07 01 27.22	−03 06 40.7	9.36		H	105.363 398 97	−03.111 310 28	C	−18.82	−2.72	1.08	13.73	10.52	9.28	11.02	7.79	−13	+26	−14	−23	+3	+7	+7	−39	+4	+5	19	0.73
33838		07 01 29.30	−19 12 01.3	8.54		H	105.372 067 67	−19.200 349 33		1.15	0.01	3.20	0.82	0.98	1.18	1.03	1.10	−37	+30	−29	−5	+24	−3	+28	−37	+21	−29	0	0.22
*33839		07 01 29.47	−37 09 35.7	9.70		H	105.372 807 04	−37.159 905 84		12.42	−23.11	13.17	0.79	0.83	1.06	0.93	1.01	+4	+10	+1	+0	+6	+25	+6	+9	+5	+10	0	0.66
*33840		07 01 29.47	−06 56 19.9	7.97		H	105.372 803 59	−06.938 867 72		1.99	8.76	−9.65	0.94	0.66	1.09	1.09	0.81	−2	+43	−7	−16	−3	+8	−2	−39	+9	−29	2	0.37
33841		07 01 30.17	−22 33 45.8	9.86	2	H	105.375 713 68	−22.562 732 98		2.48	−1.93	2.86	0.85	1.05	1.62	1.10	1.28	−2	+18	−2	−10	−4	+1	+1	−13	+23	−8	1	2.74
*33842		07 01 31.68	+39 48 24.6	10.33		H	105.382 016 03	+39.806 824 30		3.27	−5.27	−1.56	1.67	1.00	1.85	2.18	1.47	+7	+31	+18	+5	−8	+0	−8	−35	−9	+10	0	0.31
*33843		07 01 31.63	−25 32 02.4	8.74		H	105.381 793 13	−25.534 004 21		2.09	−2.22	−0.13	0.55	0.75	1.14	0.59	1.00	+8	+5	−8	+13	−14	−5	−17	+2	−6	+19	0	−0.42
33844		07 01 32.05	−27 51 33.6	7.75	1	H	105.383 562 00	−27.859 340 75		2.79	−2.59	−2.01	0.52	0.58	0.81	0.68	0.80	+7	+14	−4	+16	−1	+2	+0	+11	+5	+21	0	0.41
33845		07 01 33.15	−35 20 53.3	7.61		H	105.388 114 26	−35.348 148 57		2.79	−2.60	16.28	0.56	0.60	0.72	0.61	0.67	+22	−9	+2	−20	−15	+9	−15	+1	+3	+18	0	−0.73
33846		07 01 33.61	−27 13 22.6	6.95	1	H	105.390 037 91	−27.222 952 72		1.41	−2.96	3.67	0.45	0.52	0.74	0.60	0.72	+9	+12	−17	+22	+7	+2	+6	+22	−5	+30	0	−0.68
33847		07 01 34.88	−54 35 30.5	9.10		H	105.395 351 32	−54.591 815 68		2.71	−2.65	4.41	0.89	0.80	0.95	1.01	1.03	−20	+23	+13	+7	−2	+31	−10	+3	−17	−44	0	0.08
33848		07 01 35.58	+06 55 36.4	8.16		H	105.398 254 72	+06.926 774 37		35.35	−31.92	27.63	0.86	0.51	1.10	0.98	0.69	−16	+44	−7	−14	−15	−29	−10	−24	+4	+11	0	0.28
33849		07 01 36.12	−33 21 31.7	8.53		H	105.400 480 73	−33.358 817 54		2.54	−2.06	−7.30	0.60	0.75	0.86	0.69	1.03	+14	+6	+7	+14	−5	+17	−7	+14	+12	+20	0	−0.67
33850		07 01 36.29	−18 07 53.7	9.41		G	105.401 212 72	−18.131 589 12		0.84	−3.27	1.62	0.95	0.93	1.29	1.22	1.08	−9	+15	−18	+28	+19	−13	+12	−8	−4	−14	0	0.28
33851		07 01 36.87	+06 24 34.7	11.88		G	105.403 638 51	+06.409 641 40		12.15	4.22	−673.39	3.11	1.77	3.72	3.23	2.38	−43	+52	−25	−35	+7	−26	+5	−35	+10	−18	2	0.29
33852		07 01 38.11	+48 22 47.0	7.98		H	105.408 785 59	+48.379 719 73		48.96	546.46	−430.91	0.89	0.61	0.97	1.11	0.74	−21	+27	−20	−29	+7	+1	+9	−49	−2	−8	2	−1.28
33853		07 01 39.61	−23 30 05.2	6.73	1	H	105.415 029 03	−23.501 440 54		2.43	−6.94	4.74	0.47	0.48	0.73	0.58	0.60	−3	+18	−9	−26	+7	−9	+9	−13	+13	−10	1	1.11
33854		07 01 41.44	+04 49 05.2	6.64		H	105.422 675 59	+04.818 098 82		0.84	1.75	−1.14	0.74	0.48	0.84	0.75	0.58	−20	+31	−14	−38	+1	−6	+2	−43	+10	−13	0	1.11
33855		07 01 41.99	+25 34 02.0	8.48		H	105.424 956 66	+25.567 216 51		3.42	−8.22	−2.31	1.14	0.64	1.21	1.29	0.77	+12	+44	−14	+5	−12	+9	+3	−30	+18	+39	0	0.95
33856		07 01 43.15	−27 56 05.4	3.49	2	H	105.429 798 76	−27.934 841 65		2.68	−6.01	4.64	0.37	0.43	0.59	0.51	0.58	+11	+9	−14	+16	−4	+3	−3	+11	−3	+25	0	0.49
33857		07 01 44.33	−63 37 11.2	8.07		H	105.434 702 38	−63.619 776 38		2.72	1.03	22.42	0.67	0.64	0.69	0.76	0.83	+0	+13	+2	−4	−9	+0	−8	+13	+11	−4	1	0.29
33858		07 01 45.21	+69 38 47.2	6.64		H	105.438 357 48	+69.646 453 29		6.12	−0.84	−13.88	0.33	0.49	0.69	0.38	0.49	+10	+8	−5	+46	+7	+3	+12	−8	−6	+22	0	0.13
33859		07 01 45.55	+17 58 31.3	7.58		H	105.439 777 57	+17.975 360 93		1.94	−4.16	−5.97	0.79	0.50	0.93	1.08	0.69	+2	+21	−10	+4	+5	−43	−1	−24	+8	−9	0	0.71
33860		07 01 46.05	−70 33 59.2	8.19		H	105.441 878 73	−70.566 434 46		2.71	−12.01	3.64	0.67	0.55	0.65	0.74	0.64	−5	+25	+13	−28	+6	+1	+3	−1	−12	−10	1	−0.16
33861		07 01 46.09	+20 03 17.4	8.00		H	105.442 026 05	+20.054 823 12		1.43	−2.05	−2.70	0.90	0.57	0.97	1.13	0.85	−2	+27	−12	−4	+5	−10	+5	−35	+18	−13	0	0.60
33862		07 01 46.38	−00 22 05.9	9.31		H	105.443 264 90	−00.368 293 22		1.93	1.35	−1.27	1.16	0.77	1.40	1.10	0.86	−3	+45	−13	−36	−7	−33	−13	−34	+2	−4	0	1.13
33863		07 01 46.88	−56 37 17.2	7.70		G	105.445 349 58	−56.621 435 74		12.60	−15.98	5.36	0.55	0.53	0.56	0.65	0.63	−6	+8	+9	+27	−12	+4	−14	+2	+7	−14	0	0.70
33864		07 01 47.22	−35 32 52.6	6.58	1	H	105.446 738 65	−35.547 936 68		4.64	−10.43	7.44	0.43	0.46	0.56	0.49	0.55	+17	+2	+3	−14	−14	+12	−14	+7	+6	+13	1	0.12
33865	H	07 01 47.79	−23 27 32.7	7.65		H	105.449 139 16	−23.459 074 20	A	1.75	−4.25	4.75	2.48	1.57	1.18	1.00	1.07	+26	+6	−9	−11	+6	−1	+2	−5	+1	−5	1	0.12
33866		07 01 48.25	+01 06 53.5	9.61		H	105.451 047 40	+01.114 851 32		0.19	−1.42	−1.24	1.43	1.09	1.77	1.49	1.21	−34	+39	−43	−42	+12	−19	+4	−38	+1	−8	0	2.14
33867	H	07 01 48.29	−27 42 07.7	8.29		H	105.451 191 75	−27.702 142 78	A	8.85	12.18	−0.48	0.96	1.16	1.45	1.12	1.42	+1	+13	−8	+17	−3	+0	−3	+7	−6	+5	7	1.93
33868	H	07 01 49.51	−11 18 03.4	6.54	2	H	105.456 302 40	−11.300 934 28	A	1.10	−3.68	4.01	1.59	1.27	1.70	1.66	1.31	−1	+26	−23	−17	−20	+6	−13	−28	+18	+2	10	2.78
33869	H	07 01 49.92	−10 52 56.5	6.64		G	105.458 007 43	−10.882 374 24	A	8.05	−4.59	4.26	1.66	1.18	1.58	1.45	1.13	+1	+34	−6	−5	−9	−10	−7	−20	−1	+11	3	1.29
33871		07 01 51.36	−45 48 04.8	8.02		H	105.463 998 71	−45.801 325 45		1.58	−5.49	12.90	0.66	0.75	0.81	0.84	0.93	+5	−1	−38	−14	−9	+16	−7	−37	+20	−9	0	−1.67
33872		07 01 52.58	−15 23 05.1	7.82		H	105.469 095 61	−15.384 738 61		1.24	−1.52	2.95	0.60	0.67	0.93	0.78	0.77	−39	+22	−23	+7	+20	−20	+11	−19	+11	−52	0	−0.35
33873		07 01 52.91	−01 20 44.8	6.20		H	105.470 455 79	−01.345 787 62		7.69	13.72	−39.27	0.75	0.58	0.93	0.74	0.54	+14	+17	−45	−44	−27	+5	−21	−53	+20	+48	0	1.50
33874		07 01 53.62	−01 07 51.5	8.67	2	T	105.473 418 05	−01.130 965 12		3.43	−3.71	2.75	0.97	0.68	1.12	1.02	0.72	+5	+28	−29	−34	−9	−10	−8	−46	+11	+21	0	−0.86
33875		07 01 55.26	+05 33 25.8	6.59		H	105.480 258 97	+05.557 164 75		1.59	−3.36	−4.18	0.74	0.48	0.91	0.81	0.63	−7	+26	−31	−32	−25	−10	−29	−31	+16	+22	0	−0.58
33876		07 01 55.94	+47 06 30.8	8.29		H	105.483 103 95	+47.108 561 17		3.37	−11.75	−12.11	0.91	0.65	1.04	1.15	0.86	−32	+32	−17	−16	+3	−1	+5	−39	+11	−33	0	−0.71
33877		07 01 56.31	+00 49 39.9	10.76		H	105.484 644 53	+00.827 757 15		3.01	−1.04	−0.52	1.86	1.34	2.14	1.85	1.55	−30	+45	−28	−42	+9	−17	+1	−43	−5	−10	4	0.71
33878		07 01 56.39	−05 43 19.5	5.22	1	H	105.484 970 76	−05.722 081 35		4.78	−14.49	6.58	0.68	0.53	0.76	0.64	0.51	+14	+26	−2	−42	−16	+6	−14	−58	+4	+12	0	0.69
33879		07 01 56.81	−40 23 51.3	9.33		H	105.486 699 93	−40.397 580 95		8.22	−28.11	14.11	0.71	0.87	0.94	0.80	1.01	−9	+10	−2	−4	+2	+7	+2	−9	−2	−10	0	0.10
33880		07 01 56.94	+63 40 37.1	6.61		H	105.487 232 36	+63.676 970 04		3.18	−3.96	−18.03	0.58	0.49	0.76	0.76	0.54	+6	+19	−10	+16	+7	+13	+8	−16	+7	+10	0	−0.18
33881		07 01 57.13	−17 38 39.4	7.28		G	105.488 052 41	−17.644 278 02		4.78	−2.79	−19.89	0.56	0.59	0.80	0.70	0.69	−19	+10	−24	+7	+6	−19	−1	−8	+8	−36	2	0.13
33882		07 01 57.89	−26 16 33.3	9.64		H	105.491 191 57	−26.275 913 10		−1.05	−4.52	3.92	0.65	0.89	1.22	0.80	1.17	+3	+6	−13	+6	−5	+5	−6	+12	−6	+17	0	−0.35
33883		07 01 58.79	−26 30 13.7	8.21		H	105.494 974 92	−26.503 813 57		4.30	−1.91	1.69	0.49	0.58	0.85	0.62	0.80	−1	+0	−2	+15	−3	−6	−3	+7	+6	+11	0	−1.60
33884		07 01 59.87	+08 32 01.0	8.95		H	105.499 473 05	+08.533 620 18		2.84	−0.86	0.54	1.37	0.86	1.61	1.69	1.21	−22	+41	−28	−21	+7	−32	−2	−35	−6	−1	0	0.71
33885		07 02 01.22	+44 26 56.4	6.91		H	105.505 099 24	+44.448 987 58		5.83	0.42	−7.21	0.73	0.51	0.88	0.94	0.59	−14	+30	−29	−13	−10	+8	+2	−46	+11	+19	2	−0.96
33886	H	07 02 01.77	−57 36 07.4	8.14		H	105.507 364 09	−57.602 057 93	A	3.57	−8.79	19.04	0.96	0.92	0.88	1.02	1.00	−17	−1	−1	−24	−7	−2	−4	−11	+16	−31	2	0.65
33887		07 02 02.56	−57 18 56.7	7.32		G	105.510 677 54	−57.315 755 44		4.66	−4.58	−5.70	0.50	0.49	0.52	0.56	0.56	−2	+0	+5	+9	−16	+1	−17	−2	+3	−17	0	0.84
33888		07 02 03.50	−26 34 04.4	9.18		H	105.514 598 30	−26.567 880 73		1.35	−3.74	2.43	0.68	0.79	1.13	0.86	1.04	+1	+3	−7	+29	−1	−3	+2	+8	−6	+18	0	−1.05
33889		07 02 04.89	−09 53 12.8	7.80		G	105.520 387 42	−09.886 902 62	A	8.73	4.00	0.91	1.11	0.79	1.16	1.35	1.07	+10	+20	−4	+4	−7	−4	−4	−25	−4	+22	1	0.64
33890		07 02 05.53	+21 47 53.1	7.93	2	H	105.523 047 66	+21.798 086 07		2.03	−2.59	−0.03	1.14	0.74	1.10	1.44	0.86	+29	+3	−28	−48	−35	+28	−28	−60	+18	+39	2	0.31
33891		07 02 06.73	−03 45 17.4	6.58	1	H	105.528 050 13	−03.754 828 39		1.48	−1.62	−2.12	0.78	0.54	0.82	0.78	0.54	−7	+15	−29	−52	−1	+9	+3	−51	+15	+20	0	0.95
33892		07 02 06.95	−50 25 47.8	7.59		H	105.528 963 76	−50.429 946 56		6.23	−4.97	2.11	0.56	0.52	0.61	0.65	0.64	−7	+15	−4	−4	−3	+1	−2	−2	+2	−19	1	1.26
33893		07 02 07.21	+25 25 32.2	7.05		G	105.530 054 67	+25.425 600 95		6.71	−12.30	1.83	0.84	0.46	0.84	0.90	0.52	+17	+42	−3	+16	+4	−9	+9	−21	+1	+32	0	2.85
33894		07 02 07.59	−06 01 20.4	6.84		H	105.531 637 71	−06.022 338 23		5.15	−1.31	−17.55	0.71	0.55	0.81	0.71	0.57	+0	+29	−5	−32	−2	−2	−1	−53	+3	+2	0	1.83
33895		07 02 07.78	−65 33 38.8	9.02		H	105.532 428 64	−65.560 783 61		0.66	13.05	−26.13	0.72	0.75	0.76	0.76	0.85	−14	+8	+3	+10	−10	+3	−11	+18	−7	−19	0	0.87
33896		07 02 08.26	−46 25 59.9	9.81		G	105.534 420 86	−46.433 311 95		4.54	−9.60	−12.44	0.93	0.97	1.10	1.19	1.25	−7	+20	−17	−1	+3	+4	+4	−4	+5	−26	1	−0.88
33897		07 02 08.71	−12 30 16.6	8.06		H	105.536 271 43	−12.504 612 40		3.88	−0.12	15.18	0.92	0.72	1.14	1.03	0.80	+13	+25	−35	−21	−21	+10	−10	−38	+28	+38	0	−1.14
33898		07 02 08.98	+49 50 12.2	8.28		H	105.537 431 90	+49.836 726 99		3.01	−11.83	−12.10	0.97	0.69	1.05	1.20	0.74	+7	+25	−13	−9	−22	+4	−16	−46	+5	+18	0	0.96
33899		07 02 09.77	−48 05 32.1	8.82		H	105.540 707 13	−48.092 249 33		5.82	−8.24	−12.05	0.65	0.67	0.73	0.69	0.79	+2	+9	−4	−7	−12	+3	−11	+12	−13	−17	1	0.69
33900	H	07 02 10.02	−48 59 37.8	8.20		H	105.541 765 52	−48.993 841 93	A	3.24	−3.47	−1.57	1.38	1.49	1.38	1.40	1.52	+7	+13	+9	−6	−13	+0	−12	−5	+1	−5	3	−0.41

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
33801	8.618	0.012	8.246	0.013		0.342	0.015	G	0.40	0.02	H	8.3072	0.0012	0.013	79		8.29	8.34		D			1							
33802	7.867	0.008	7.385	0.007		0.464	0.008	G	0.53	0.01	H	7.4438	0.0010	0.009	110		7.43	7.47		C			1							S
33803	7.330	0.005	7.350	0.007		−0.024	0.003	G	0.00	0.00	H	7.3615	0.0008	0.006	120		7.35	7.37					1							S
33804	5.419	0.002	5.608	0.002		−0.165	0.002	T	−0.17	0.00	L	5.5815	0.0005	0.007	213		5.57	5.60		U 2 C			1							S
33805						1.476	0.018	G	1.60	0.15	K	11.0532	0.0038	0.037	102		10.98	11.12		C			1							G
33806	9.162	0.019	8.645	0.018		0.498	0.015	G	0.57	0.02	H	8.7096	0.0021	0.015	72		8.69	8.74		C			1							
33807	8.989	0.012	8.502	0.012		0.458	0.015	T	0.53	0.02	L	8.5515	0.0013	0.013	124		8.53	8.57		C			1							
33808	9.092	0.018	7.806	0.011		1.094	0.016	T	1.06	0.02	L	7.8598	0.0011	0.009	82		7.85	7.87		C			1							
33809	9.538	0.020	9.041	0.020		0.467	0.026	T	0.54	0.03	L	9.1052	0.0020	0.016	73		9.08	9.13		C			1							
33810	6.897	0.005	6.787	0.006	*	0.107	0.007	T	0.12	0.01	L *	6.8161	0.0009	0.007	89	*	6.80	6.83		C	07012+1146	I 1	2 C S A	AB	82	0.138	0.025	1.00	0.54	S
33811	9.840	0.019	8.886	0.014		0.840	0.018	T	0.86	0.01	L	8.9511	0.0024	0.018	118		8.92	8.98		C			1							
33812	7.720	0.007	7.425	0.008		0.288	0.003	G	0.33	0.00	H	7.4743	0.0014	0.013	142		7.46	7.50			07012−3040	I 1	1							S
33813	9.312	0.014	7.946	0.009		1.157	0.013	T	1.12	0.01	L	7.9704	0.0011	0.012	123		7.95	8.00		C			1							
33814	7.876	0.011	8.071	0.014		−0.163	0.006	G	−0.17	0.01	H	8.0490	0.0012	0.014	152		8.03	8.08					1							
33815	8.803	0.015	7.725	0.011		0.933	0.014	T	0.93	0.01	L	7.7818	0.0015	0.010	73		7.77	7.80		C			1							S
33816	6.840	0.004	6.902	0.006		−0.066	0.001	G	−0.04	0.00	H	6.9085	0.0007	0.009	108		6.90	6.93					1							S
33817	7.839	0.006	6.806	0.004		0.882	0.022	G	0.91	0.02	A	6.8539	0.0009	0.012	209		6.83	6.87		M			1 G							S
33818	11.534	0.115	10.189	0.055		1.140	0.100	T	1.10	0.10	L	10.2869	0.0036	0.030	72		10.24	10.33		C			1							G
33819	8.082	0.011	7.620	0.010		0.449	0.012	T	0.52	0.01	L	7.6720	0.0009	0.009	82		7.65	7.68					1							S
33820	8.808	0.010	8.803	0.014	*	0.030	0.015	G	0.05	0.01	H *	8.8245	0.0020	0.026	254	*	8.79	8.88		D	07013−2034	I 1	2 C A	AB	320	8.419	0.007	0.70	0.02	
33821	9.405	0.020	9.424	0.027		−0.013	0.031	T	0.01	0.03	L	9.4303	0.0018	0.015	72		9.40	9.45		C			1							
33822	10.533	0.041	8.899	0.018		1.392	0.037	T	2.68	0.06	O	8.6565	0.0071	0.046	87		8.59	8.73		U 2			1							
33823	6.884	0.006	6.574	0.006		0.270	0.015	G	0.30	0.02	H	6.6250	0.0009	0.007	82		6.61	6.64		C	07013+3225	I 1	1 G							S
33824						2.080	0.510	G	2.63	0.57	K	9.9221	0.0292	0.561	76		7.45	11.50	374.00	P 1 A			1 S							G
33825	7.175	0.006	7.225	0.006		−0.052	0.001	G	−0.03	0.00	H	7.2371	0.0009	0.009	90		7.22	7.25		D			1							S
33826	11.119	0.054	9.852	0.028		1.079	0.048	T	1.04	0.04	L	9.9042	0.0028	0.027	120		9.86	9.94					1							G
33827	7.429	0.004	5.834	0.002		1.337	0.004	T	1.30	0.01	L	5.8460	0.0005	0.007	225		5.83	5.86		C	07014+7049	I 1	1							S
33828	9.208	0.024	9.343	0.036		−0.116	0.038	T	−0.10	0.04	L	9.2954	0.0017	0.025	206		9.25	9.34		C			1 S							
33829	10.041	0.020	8.473	0.010		1.315	0.018	T	1.28	0.02	L	8.4998	0.0015	0.022	171		8.46	8.54					1							
33830	10.919	0.046	9.068	0.017	A	1.384	0.134	G	1.36	0.16	K	9.0164	0.0084	0.020	118	A	8.99	9.06			07014−7537	I 1	2 C A	AB	183	12.344	0.021	2.55	0.09	
33831	9.682	0.026	9.309	0.027		0.353	0.035	T	0.41	0.04	L	9.3878	0.0025	0.017	80		9.36	9.41					1							
33832	8.822	0.018	8.553	0.020		0.244	0.015	G	0.27	0.02	H	8.5885	0.0018	0.022	59		8.56	8.62					1							
33833	8.218	0.010	8.147	0.013		0.070	0.015	T	0.08	0.02	L	8.1831	0.0018	0.013	83		8.16	8.21		C	07014+2723	I 1	1							
33834	9.822	0.025	9.939	0.039		−0.101	0.041	T	−0.08	0.05	L	9.9256	0.0020	0.017	82		9.89	9.94		C			1							G
33835	9.596	0.019	8.260	0.012		1.133	0.018	T	1.10	0.02	L	8.3167	0.0016	0.014	87		8.29	8.34		C			1							S
33836	7.544	0.008	7.670	0.011	A	−0.087	0.004	G	−0.04	0.02	A	7.6870	0.0117	0.026	78	A	7.61	7.71		D	07015−0307	I 2	1 C P A							
33837	9.966	0.040	8.977	0.028	C	0.866	0.036	T	0.88	0.03	L	9.1692	0.0356			C				D	07015−0307	I 2	1 C I A							
33838	8.774	0.013	8.548	0.014		0.175	0.007	G	0.19	0.01	H	8.5972	0.0024	0.022	92		8.57	8.63					1							
33839	10.398	0.032	9.707	0.028		0.626	0.032	T	0.69	0.03	L	9.8314	0.0021	0.021	119		9.80	9.87					1							G
33840	10.015	0.031	8.122	0.012		1.572	0.026	T	1.59	0.03	L	8.0829	0.0016	0.012	77		8.06	8.10		C			1							
33841	9.767	0.019	9.831	0.028		−0.054	0.031	T	−0.03	0.03	L	9.8480	0.0035	0.038	178		9.76	9.92		U 2			1							G
33842	10.706	0.052	10.463	0.067		0.360	0.072	G	0.42	0.08	R	10.4184	0.0041	0.026	67		10.37	10.46		C			1							G
33843	10.301	0.025	8.918	0.013		1.170	0.022	T	1.13	0.02	L	8.9075	0.0017	0.020	197		8.88	8.94					1							
33844	7.811	0.006	7.765	0.008		0.042	0.009	T	0.06	0.01	L	7.7727	0.0015	0.017	155		7.74	7.81	1.69	P 1 A			1							S
33845	9.224	0.013	7.748	0.007		1.243	0.012	T	1.20	0.01	L	7.7746	0.0017	0.016	136		7.75	7.80					1							S
33846	6.722	0.004	6.917	0.004		−0.175	0.005	G	−0.18	0.01	H	6.8918	0.0013	0.015	174		6.87	6.92		U			1							S
33847	11.138	0.055	9.275	0.019		1.549	0.046	T	1.61	0.10	L	9.2171	0.0028	0.020	104		9.18	9.26					1 S							
33848	9.250	0.014	8.250	0.010		0.863	0.013	T	0.91	0.01	L	8.3012	0.0013	0.013	121		8.28	8.32		C			1							
33849	9.867	0.017	8.643	0.011		1.046	0.016	T	1.02	0.01	L	8.7015	0.0015	0.015	131		8.68	8.73		C			1							
33850	9.304	0.017	9.382	0.024		−0.070	0.015	G	−0.05	0.01	H	9.4059	0.0025	0.024	94		9.36	9.45					1							G
33851						0.748	0.002	G	0.79	0.00	H	12.0447	0.0066	0.065	117		11.94	12.17					1							G
33852	9.262	0.017	8.088	0.011		0.986	0.004	G	1.03	0.00	I	8.1256	0.0014	0.010	86		8.11	8.15		C			1							
33853	8.851	0.011	6.905	0.005		1.614	0.010	T	1.64	0.01	L	6.8403	0.0016	0.016	179		6.81	6.87		U 2			1							S
33854	6.698	0.004	6.639	0.006		0.053	0.006	T	0.07	0.01	L	6.6598	0.0006	0.005	98		6.65	6.67					1							S
33855	8.622	0.011	8.491	0.014		0.110	0.015	G	0.12	0.01	H	8.5269	0.0016	0.013	93		8.50	8.55		C			1							
33856	5.743	0.007	3.675	0.004		1.729	0.014	G	1.82	0.02	A	3.5847	0.0034	0.036	138		3.54	3.64		U 2 C	07017−2756	I 1	1 S							S
33857	9.827	0.020	8.212	0.010		1.352	0.018	T	1.32	0.02	L	8.2211	0.0013	0.013	106		8.20	8.24		C			1							
33858	7.866	0.004	6.740	0.003		0.969	0.004	T	0.95	0.00	L	6.8049	0.0005	0.009	265		6.79	6.83		C			1							S
33859	7.612	0.008	7.580	0.010		0.034	0.012	T	0.05	0.01	L	7.5961	0.0009	0.008	73		7.59	7.61		C			1							S
33860	9.303	0.017	8.302	0.012		0.875	0.016	T	0.88	0.01	L	8.3519	0.0017	0.012	102		8.33	8.37					1							S
33861	7.886	0.009	7.967	0.013		−0.069	0.014	T	−0.05	0.01	L	7.9845	0.0011	0.012	76		7.96	8.01					1							S
33862	9.187	0.016	9.263	0.024		−0.065	0.026	T	−0.04	0.03	L	9.2901	0.0023	0.020	88		9.26	9.33		C			1							G
33863	8.346	0.012	7.778	0.010		0.551	0.004	G	0.62	0.00	H	7.8183	0.0009	0.010	113		7.80	7.83		C			1							S
33864	6.376	0.004	6.552	0.005		−0.154	0.006	T	−0.15	0.01	L	6.5241	0.0013	0.026	128		6.50	6.57	1.30	P 1 A			1							S
33865	7.459	0.005	7.613	0.007	*	−0.134	0.008	T	−0.13	0.01	L *	7.6050	0.0014	0.014	173	*	7.58	7.63		D	07018−2328	H 1	2 C A	AB	247	0.344	0.015	2.67	0.14	S
33866	9.759	0.026	9.623	0.032		0.131	0.039	T	0.15	0.04	L	9.6613	0.0021	0.021	74		9.63	9.70		C			1							G
33867	9.358	0.020	8.421	0.015	A	0.500	0.495	G	0.81	0.03	L *	8.4348	0.0017	0.017	159	*	8.40	8.46			07018−2742	I 1	2 C B	AB	3	4.930	0.041	3.48	0.26	
33868	6.603	0.012	6.586	0.012	*	0.016	0.015	T	0.04	0.01	L *	6.5506	0.0064	0.066	81	*	6.52	6.74	1.61	P 1 A	07018−1118	I 1	2 C A	AB	195	0.654	0.004	0.95	0.02	S
33869	7.546	0.009	6.746	0.011	*	0.733	0.003	G	0.78	0.00	H *	6.7545	0.0011	0.008	80	*	6.74	6.77		D	07018−1053	I 1	2 C A	AB	297	0.869	0.003	0.51	0.01	S
33871	10.036	0.029	8.201	0.012		1.526	0.025	T	1.57	0.04	L	8.1381	0.0022	0.013	101		8.12	8.16					1							
33872	9.475	0.024	7.935	0.013		1.293	0.021	T	1.25	0.02	L	7.9778	0.0016	0.011	110		7.96	8.00					1							
33873	7.891	0.009	6.338	0.006		1.286	0.014	G	1.21	0.04	E	6.3565	0.0011	0.009	85		6.34	6.37			07019−0121	I 1	1							S
33874	9.345	0.019	8.728	0.017		0.574	0.022	T	0.65	0.02	L	8.8402	0.0196	0.142	85		8.58	8.90	2.68	P 1 A			1 S							
33875	6.545	0.004	6.581	0.004		−0.028	0.005	T	−0.01	0.01	L	6.5878	0.0009	0.009	115		6.58	6.60					1							S
33876	8.356	0.011	8.268	0.013		0.086	0.016	T	0.10	0.02	L	8.3256	0.0021	0.017	84		8.30	8.36					1							S
33877											T	10.6884	0.0030	0.027	67		10.63	10.73		D			1							G
33878	7.403	0.008	5.412	0.004		1.687	0.007	T	1.98	0.03	O	5.3014	0.0023	0.018	75		5.28	5.33		U 2			1							S
33879	10.186	0.025	9.418	0.020		0.684	0.024	T	0.74	0.02	L	9.4654	0.0020	0.018	116		9.44	9.50					1							
33880	8.577	0.011	6.763	0.006		1.510	0.010	T	1.54	0.01	L	6.7319	0.0012	0.010	98		6.72	6.75					1							S
33881	7.339	0.007	7.281	0.007		0.050	0.015	G	0.06	0.01	H	7.3072	0.0011	0.008	99		7.30	7.32					1							S
33882	9.485	0.014	9.611	0.021		−0.109	0.022	T	−0.09	0.03	L	9.6113	0.0021	0.023	194		9.57	9.66					1 S							G
33883	8.179	0.006	8.215	0.008		−0.030	0.009	T	−0.01	0.01	L	8.2063	0.0013	0.016	195		8.18	8.23					1							
33884	10.187	0.044	9.003	0.026		1.015	0.040	T	0.99	0.03	L	9.1208	0.0020	0.017	62		9.09	9.15		C			1							
33885	8.605	0.012	7.055	0.007		1.301	0.011	T	1.26	0.01	L	7.0694	0.0008	0.007	95		7.05	7.08					1							S
33886	9.320	0.015	8.288	0.011	*	0.898	0.014	T	0.90	0.01	L *	8.2950	0.0013	0.012	108	*	8.28	8.32		D	07020−5736	I 1	2 C A	AB	146	0.952	0.008	2.13	0.03	
33887	7.817	0.006	7.357	0.007		0.434	0.008	T	0.50	0.01	L	7.4140	0.0011	0.009	123		7.40	7.43		C			1							S
33888	9.039	0.011	9.136	0.015		−0.083	0.016	T	−0.06	0.02	L	9.1541	0.0020	0.020	188		9.12	9.20					1							
33889	8.108	0.009	7.819	0.012	A	0.266	0.008	G	0.30	0.01	H	7.8871	0.0068	0.012	80	A	7.86	7.91		C	07021−0953	M 1	2 C C	AB	65	14.314	0.056	3.66	0.19	S
33890	7.885	0.010	7.902	0.014		−0.011	0.016	T	0.01	0.01	L	7.9358	0.0028	0.021	70		7.91	8.03	1.77	P 1 A			1							S
33891	8.712	0.015	6.794	0.007		1.570	0.015	G	2.02	0.03	C	6.6602	0.0030	0.018	75		6.63	6.69		U 2			1 S							S
33892	7.539	0.007	7.585	0.010		−0.039	0.011	T	−0.02	0.01	L	7.5888	0.0013	0.009	91		7.57	7.60		C	07021−5026	I 1	1 S							S
33893	7.202	0.007	7.056	0.007		0.140	0.009	T	0.15	0.01	L	7.0861	0.0010	0.007	96		7.07	7.10		C			1							S
33894	8.773	0.013	6.988	0.006		1.487	0.011	T	1.51	0.02	L	6.9630	0.0008	0.006	86		6.95	6.98					1							S
33895	10.873	0.044	9.173	0.018		1.419	0.038	T	1.40	0.06	L	9.1659	0.0031	0.025	108		9.12	9.20					1							
33896	10.247	0.033	9.790	0.035		0.420	0.020	G	0.49	0.02	H	9.9114	0.0035	0.021	91		9.88	9.95		C			1							G
33897	9.180	0.016	8.147	0.011		0.899	0.015	T	0.90	0.01	L	8.2145	0.0016	0.015	85		8.19	8.24		C			1							
33898	10.145	0.029	8.403	0.013		1.453	0.025	T	1.46	0.04	L	8.4171	0.0022	0.016	85		8.39	8.44		C			1							
33899	9.137	0.014	8.846	0.015		0.276	0.022	T	0.31	0.03	L	8.8944	0.0017	0.019	117		8.85	8.93					1							
33900	8.438	0.013	8.164	0.014	*	0.258	0.020	T	0.29	0.03	L *	8.2756	0.0015	0.013	103	*	8.25	8.31		D	07022−4900	I 1	2 C A	AB	110	5.135	0.004	0.37	0.02	S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
33901		07 02 11.07	+65 45 05.4	7.84		H	105.546 123 88	+65.751 490 76		5.64	−12.79	−9.51	0.61	0.59	0.88	0.75	0.83	+29	+1	+4	−22	−2	+9	−7	−38	−6	−4	0	2.63
33902		07 02 11.52	−55 26 25.0	8.27		H	105.547 995 99	−55.440 280 99		5.05	1.17	23.92	0.66	0.63	0.69	0.76	0.76	−3	−2	+2	+26	−7	+19	−9	−12	+10	−4	5	−2.04
33903		07 02 12.35	+37 43 25.0	9.36		H	105.551 476 76	+37.723 604 67		9.97	13.43	−75.14	1.50	0.94	1.71	2.39	1.32	−4	+28	−27	+12	−22	+35	+10	−50	+27	+45	0	−0.36
33904		07 02 12.36	−14 21 44.0	8.63		H	105.551 518 27	−14.362 230 09		4.87	−5.31	2.41	1.13	0.97	1.24	1.44	1.23	+7	−3	−32	−55	−6	−14	−7	−50	+33	−24	0	−0.27
33905		07 02 12.53	−09 12 37.4	8.24		G	105.552 226 68	−09.210 387 86		1.36	1.65	1.34	0.97	0.84	1.12	1.22	1.01	+19	+2	−22	−46	−33	+24	−25	−61	+15	+43	0	−0.81
33906		07 02 13.47	+20 49 41.6	7.83		H	105.556 132 63	+20.828 227 10		3.07	−2.74	−6.89	0.96	0.63	1.02	1.22	0.80	+5	+22	+5	−8	+2	+6	+2	−42	−14	+13	0	0.26
33907		07 02 13.89	−53 43 23.0	9.37		H	105.557 858 38	−53.723 065 84		2.40	−4.56	10.44	0.83	0.74	0.83	0.95	0.99	−19	+20	+2	−26	+7	−14	+13	+1	−1	−40	0	−0.29
33908		07 02 15.48	+50 04 37.2	7.93		H	105.564 483 36	+50.076 999 81		4.30	−18.90	−24.15	0.87	0.59	0.93	1.06	0.69	+12	+31	+1	−29	−24	+0	−20	−47	+4	+18	0	−1.25
33909		07 02 15.48	−43 24 13.9	6.44		H	105.564 490 56	−43.403 869 18		7.99	1.81	−0.31	0.42	0.49	0.53	0.43	0.56	+1	+3	−15	+3	−10	+8	−10	+7	−17	−5	0	0.81
33910		07 02 16.00	+12 34 39.2	8.77		H	105.566 663 88	+12.577 547 60		2.91	−1.48	−6.94	1.27	0.80	1.46	1.36	0.99	−1	+43	−5	−17	−1	−30	−3	−29	−2	+3	0	0.10
33911		07 02 16.55	+22 05 46.4	7.36		H	105.568 971 42	+22.096 225 20		1.21	−13.52	−21.75	1.08	0.69	1.07	1.47	0.85	+21	+7	−27	−43	−32	+21	−23	−58	+13	+43	0	0.21
33912		07 02 16.79	−41 36 40.1	9.05		G	105.569 940 59	−41.611 143 17		9.98	−24.80	−14.87	0.70	0.75	0.89	0.70	0.92	−3	+12	+3	+3	−4	−6	−7	+10	−25	−6	0	−0.37
33913		07 02 17.08	+51 34 05.5	7.51		H	105.571 156 48	+51.568 199 34		5.80	−29.24	−62.16	0.71	0.52	0.87	0.90	0.64	−2	+35	−17	−3	−14	−4	−6	−26	+10	+24	0	−0.51
33914		07 02 17.49	+15 20 09.8	5.78		H	105.572 876 60	+15.336 068 93		5.06	4.79	−25.03	0.79	0.45	0.85	0.88	0.54	+9	+43	−11	+8	−1	−2	+12	−25	+14	+38	0	0.87
33915		07 02 17.74	+27 45 05.5	10.78		H	105.573 936 61	+27.751 528 23		1.10	−6.44	−2.87	2.05	1.11	2.23	2.13	1.48	−6	+49	−14	+9	+4	+9	+19	−32	+24	+10	0	−1.21
33916		07 02 18.34	+31 14 21.4	8.47		G	105.576 417 21	+31.239 267 56		5.41	0.66	−45.12	1.16	0.73	1.36	1.88	1.13	+7	+14	−24	+4	−31	+31	−9	−38	+39	+49	2	1.67
*33917		07 02 18.44	+12 34 54.2	7.28		H	105.576 833 49	+12.581 710 44		6.14	−17.47	8.01	0.82	0.51	0.94	0.84	0.60	−3	+45	−12	−14	−3	−28	−7	−23	−3	+6	0	2.53
*33918		07 02 18.40	−14 23 12.7	8.63		G	105.576 648 05	−14.386 863 36		5.56	0.68	−1.22	1.10	0.87	1.14	1.37	1.06	+4	+1	−32	−50	−6	−7	−7	−49	+25	−18	0	−0.34
33919		07 02 19.46	+38 57 56.7	11.34		H	105.581 098 60	+38.965 760 40		−0.79	−15.60	−7.33	2.64	1.64	3.01	4.12	2.41	+4	+19	−31	+14	−25	+21	+1	−43	+31	+45	0	−0.89
33920		07 02 20.18	−28 16 53.4	8.22		H	105.584 101 48	−28.281 503 95		1.54	2.56	−5.81	0.57	0.68	0.92	0.75	0.83	−5	+10	−2	+18	−3	+1	−3	+6	+4	−4	0	−1.23
33921		07 02 20.47	+25 21 52.4	7.37		H	105.585 294 76	+25.364 551 59		9.21	−27.92	−47.55	0.89	0.48	0.93	0.97	0.57	+7	+43	−11	+10	+1	−9	+11	−26	+8	+30	0	1.96
33922		07 02 20.62	−42 37 57.0	7.01		H	105.585 910 34	−42.632 499 66		3.90	−9.67	15.00	0.45	0.51	0.56	0.46	0.60	+1	+11	−1	+5	−10	+3	−13	+7	−19	−6	0	−0.57
33923		07 02 20.96	+28 54 54.1	11.15		H	105.587 330 81	+28.915 025 42		0.69	0.36	−4.41	2.32	1.37	2.60	3.54	2.31	+25	+10	−23	−18	−30	+29	−17	−53	+40	+42	0	0.85
33924		07 02 23.05	−26 45 01.0	9.83	2	H	105.596 024 01	−26.750 282 14		−0.43	−2.78	5.02	0.76	0.97	1.37	1.05	1.40	+7	+9	−10	+10	+7	+7	+7	+12	−5	+25	0	0.01
33925		07 02 23.15	+07 02 07.8	8.64		H	105.596 472 59	+07.035 500 42		1.81	−1.73	−1.67	0.91	0.53	1.17	0.98	0.67	−28	+50	−13	−30	−3	−40	−5	−29	+3	−4	0	0.37
33926		07 02 23.28	+19 13 47.7	8.87		H	105.597 012 10	+19.229 915 53		2.74	−5.64	−13.41	0.99	0.63	1.14	1.18	0.83	−1	+26	−17	−3	−3	−31	−7	−21	+19	−13	0	−0.97
33927		07 02 24.78	+24 12 55.6	5.20		H	105.603 269 30	+24.215 446 52		1.97	−6.46	−0.40	0.79	0.44	0.86	0.77	0.47	+2	+47	−19	−3	+1	−17	−1	−26	−3	+20	0	−0.47
33928		07 02 25.33	−50 04 01.4	8.09		H	105.605 545 94	−50.067 058 98		3.16	1.14	−14.07	0.73	0.66	0.76	0.88	0.83	+5	+3	−12	−28	−9	+14	−6	−13	+12	−2	0	−0.75
33929		07 02 25.52	+17 45 19.6	5.96	2	H	105.606 340 28	+17.755 455 10		2.41	21.03	27.15	0.80	0.52	0.94	0.93	0.64	−26	+45	−17	+3	−4	−39	−8	−7	−3	−16	0	1.69
33930		07 02 28.14	−38 03 33.0	7.94		H	105.617 261 72	−38.059 167 76		4.54	−19.25	43.00	0.56	0.59	0.72	0.63	0.75	+15	−4	−6	−4	−14	+25	−16	+8	+7	+20	0	0.16
33931		07 02 28.24	+53 23 01.6	7.47		H	105.617 675 92	+53.383 774 12		3.89	−7.61	−1.41	0.84	0.64	0.98	1.14	0.90	−22	+15	+2	−5	+1	+0	+3	−29	+7	−19	0	0.84
33932		07 02 28.57	+79 09 52.6	8.31		G	105.619 024 37	+79.164 601 84		20.88	−6.56	−80.72	0.64	0.62	0.85	0.73	0.77	+8	+28	+16	−1	+2	+0	+8	+10	+19	+1	0	0.70
33933		07 02 28.89	−14 40 34.7	10.51		G	105.620 362 00	−14.676 318 66		23.39	113.34	−298.22	3.98	3.35	4.48	4.63	4.10	−11	+11	−21	−38	−1	−22	−3	−26	+15	−32	0	
33934	H	07 02 28.92	+03 29 55.5	8.24		G	105.620 518 31	+03.498 757 61	A	5.90	5.84	1.47	1.21	0.91	1.26	1.27	1.01	−32	+22	−10	−23	+5	−11	+6	−27	+2	−22	2	−0.35
33935		07 02 29.08	−24 52 36.6	9.59		H	105.621 157 87	−24.876 835 86		2.67	−2.40	1.36	0.70	0.98	1.41	0.77	1.44	+13	+15	−16	+53	−7	+5	−7	+18	−17	+38	4	−0.25
33936		07 02 32.21	+41 38 08.6	8.26		G	105.634 206 12	+41.635 714 47		5.43	5.62	−40.54	1.04	0.64	1.27	1.23	0.82	−27	+39	−18	−6	−22	−12	−17	−35	+13	−19	0	0.14
33937		07 02 33.29	+16 40 28.1	5.86	2	H	105.638 726 77	+16.674 465 00		1.70	−11.92	−7.32	0.79	0.48	0.92	0.89	0.63	−11	+38	−16	−6	−5	−38	−15	−16	+2	−17	0	1.61
33938		07 02 34.11	+50 39 05.0	8.17		G	105.642 122 07	+50.651 389 00		4.33	−11.99	−9.64	0.80	0.56	0.91	0.98	0.65	+4	+30	+6	−11	−21	−4	−17	−28	−2	+13	0	1.41
33939		07 02 35.89	−19 46 08.4	7.84		H	105.649 550 26	−19.769 006 27		4.09	−2.51	−4.59	0.65	0.73	1.06	0.81	0.84	−34	+40	−36	+13	+18	−8	+22	−12	+15	−12	0	0.81
33940		07 02 36.49	+31 33 58.0	10.17		G	105.652 039 18	+31.566 101 86		17.19	−59.74	−360.68	1.89	1.19	2.28	3.40	1.95	+6	+12	−48	+10	−35	+39	+3	−52	+46	+59	5	0.70
33941	H	07 02 37.42	+15 58 26.5	8.24		H	105.655 930 40	+15.974 026 76	*	11.73	−22.97	−39.21	1.95	1.23	1.73	1.76	1.15	+9	+35	−10	−25	−12	−22	−10	−42	+16	+22	0	−0.11
33942		07 02 37.78	−62 34 15.5	9.74		H	105.657 403 74	−62.570 962 67	A	−1.88	−5.15	3.99	4.91	5.11	4.05	5.93	5.77	+7	−6	+17	−1	−3	−7	−4	+1	+19	−12	2	2.17
33943		07 02 38.22	+33 12 25.7	9.62		H	105.659 263 16	+33.207 136 68		0.23	0.63	−5.01	1.50	0.84	1.59	1.73	1.25	−15	+38	−9	+7	+1	+2	+7	−32	+17	−12	2	−0.54
33944		07 02 38.25	+13 46 58.7	8.52	2	H	105.659 363 86	+13.782 959 39		0.82	−1.08	−5.33	0.96	0.56	1.07	0.96	0.69	−3	+40	−17	−19	−11	−24	−10	−25	+20	−15	0	1.05
33945		07 02 39.13	+31 20 24.0	7.80	2	H	105.663 042 90	+31.340 008 20		1.58	−2.26	−6.81	1.10	0.69	1.29	1.91	1.07	+3	+20	−38	+15	−31	+37	+6	−42	+40	+61	0	0.66
33946		07 02 39.21	−62 34 28.2	12.12		H	105.663 370 44	−62.574 508 11	B	14.31	8.49	−1.15	50.13	50.17	16.42	21.34	24.59	+5	−13	+17	−9	−3	+1	−7	−11	+18	−14	2	2.17
33947		07 02 39.78	+10 04 58.1	8.63		H	105.665 730 80	+10.082 806 64		0.90	−12.66	3.97	1.00	0.65	1.16	0.99	0.79	+3	+40	−3	−16	−8	−25	−19	−30	−14	−7	0	0.60
33948		07 02 40.43	−13 11 23.1	7.85		G	105.668 443 75	−13.189 753 74		4.58	−2.56	−2.55	0.83	0.64	0.91	0.85	0.70	−2	+21	−25	−41	−2	−19	−7	−31	+6	+10	0	0.01
33949		07 02 40.76	+69 12 29.7	7.33	2	H	105.669 813 28	+69.208 243 10		2.45	−4.87	−12.82	0.42	0.57	0.79	0.45	0.56	+8	+11	−7	+39	+0	+0	+4	−10	−3	+18	0	−1.10
33950		07 02 41.23	−47 20 07.6	9.99		H	105.671 778 12	−47.335 457 49		2.71	−0.43	−18.31	0.82	0.92	0.98	1.07	1.19	−15	+4	−4	−3	+5	+13	+5	+0	−15	−32	1	−0.09
33951		07 02 41.33	−17 34 53.4	7.45		G	105.672 228 58	−17.581 489 27		1.59	0.04	−2.68	0.60	0.61	0.82	0.77	0.71	−20	+10	−27	+13	+2	−12	−4	−7	+4	−32	3	−0.83
33952		07 02 42.29	+84 39 45.7	7.35		H	105.676 216 04	+84.662 692 48		11.30	−45.74	71.02	0.57	0.56	0.70	0.69	0.74	+9	+21	+9	+8	+8	+12	+4	−2	−14	+15	0	0.62
33953		07 02 42.62	−11 27 11.6	8.09	2	H	105.677 570 87	−11.453 218 50	*	1.57	−4.06	3.43	1.34	1.22	1.26	1.28	1.18	−2	+3	−35	−10	−8	+4	−7	+12	+15	+33	0	−0.92
*33954		07 02 43.06	+45 57 26.7	7.66		H	105.679 406 71	+45.957 425 72		2.55	−12.35	0.03	0.76	0.51	0.86	0.96	0.60	−6	+19	−11	+18	−1	−2	+7	−33	−5	+15	0	−1.97
*33955		07 02 43.04	−06 47 54.5	8.38		G	105.679 314 88	−06.798 464 02		53.47	−200.84	−313.35	0.94	0.69	1.13	1.05	0.85	−1	+37	+0	−20	+3	+2	+3	−30	−1	+1	0	−0.99
33956		07 02 43.50	+63 56 47.8	9.00		H	105.681 236 20	+63.946 616 89		4.75	−5.10	−4.16	0.94	0.77	1.15	1.12	0.97	+11	+25	−8	+37	+10	+4	+12	+19	+11	+11	0	2.32
33957		07 02 45.77	−49 55 40.8	6.86		H	105.690 691 62	−49.928 009 51		3.47	2.30	12.93	0.48	0.50	0.54	0.53	0.61	+10	+9	−13	−7	−13	+5	−12	−5	+7	+10	0	−0.96
33958		07 02 45.93	+42 33 50.5	8.66		H	105.691 378 63	+42.564 028 18		1.77	−0.74	−6.40	1.06	0.71	1.28	1.23	0.80	−26	+35	−16	−12	−19	+0	−7	−44	+9	−3	3	0.79
33959		07 02 46.17	−08 27 08.5	7.84		H	105.692 392 56	−08.452 359 69		0.82	0.13	−1.89	0.96	0.81	1.17	1.15	0.96	+9	+19	−22	−23	−11	+4	−7	−47	+16	+17	2	0.33
33960		07 02 48.27	−13 05 45.1	7.78		G	105.701 129 25	−13.095 848 77		4.62	−11.57	−0.19	0.78	0.60	0.83	0.85	0.71	+18	+10	−9	−32	−15	−6	−17	−26	+0	+31	0	−1.93
33961		07 02 49.36	−16 41 57.7	6.77		H	105.705 678 12	−16.699 366 70		6.61	−6.04	0.56	0.55	0.55	0.81	0.66	0.68	−25	+10	−26	+18	+10	−25	+4	−2	+13	−30	2	0.78
33962		07 02 49.87	+22 07 10.9	9.02		H	105.707 783 07	+22.119 685 98		−0.25	−4.89	−4.39	4.33	2.86	4.93	5.34	3.52	+15	−6	−36	−32	−24	+35	−14	−52	+32	+22	0	
33963		07 02 49.87	−08 18 48.6	9.11		G	105.707 797 63	−08.313 509 97		−2.68	0.43	−0.02	1.04	0.89	1.32	1.35	1.13	+6	+18	−14	−18	−6	−12	−7	−37	+12	+0	2	0.27
33964	H	07 02 49.96	−20 19 27.5	9.45		G	105.708 154 70	−20.324 294 15	A	−1.51	−2.45	2.42	1.39	1.66	2.16	1.75	1.81	−43	+22	−34	+7	+14	−27	+6	−2	−7	−31	0	0.19
33965	H	07 02 50.51	+13 05 21.9	7.50		H	105.710 476 62	+13.089 410 49	A	5.15	−2.23	−19.36	1.56	1.02	1.55	1.72	1.24	+6	+7	−11	−25	−3	−17	−6	−44	+9	−3	2	0.35
33966		07 02 51.30	+61 18 28.0	7.91		G	105.713 752 83	+61.307 780 86		4.75	−9.67	−16.30	0.68	0.58	0.93	0.81	0.60	+5	+24	−5	+29	+5	+3	+6	−33	−7	+12	0	0.68
33968		07 02 52.73	−08 09 42.7	9.07		H	105.719 721 22	−08.161 847 68		−0.52	−1.61	0.40	1.03	0.81	1.24	1.30	1.03	+7	+22	−2	−9	−6	−13	−6	−30	−1	+7	0	0.37
33969	H	07 02 52.81	−45 45 05.8	8.13	2	G	105.720 054 32	−45.751 617 15	A	3.95	−5.18	2.69	1.12	1.28	1.26	1.33	1.54	+17	−5	−41	+11	−5	−1	−9	−18	+20	+22	1	0.62
33970		07 02 54.56	−24 34 59.3	7.14		G	105.727 343 83	−24.583 146 64		3.04	−4.77	12.69	0.37	0.51	0.72	0.42	0.70	+20	+7	−14	+36	−16	+13	−11	−8	+7	+39	2	−0.17
33971		07 02 54.78	−04 14 21.3	4.99	1	G	105.728 247 98	−04.239 238 14		2.92	−4.73	2.81	0.82	0.54	0.87	0.74	0.53	−13	+40	−28	−51	+7	−9	+8	−50	+11	+16	0	1.49
33972		07 02 54.91	−08 17 56.7	9.30		H	105.728 784 78	−08.299 078 38		−1.56	−1.23	−2.15	1.09	0.95	1.39	1.36	1.14	+8	+18	−14	−17	−9	−10	−8	−35	+9	+11	0	2.24
33973	H	07 02 55.08	−13 13 04.4	7.66		G	105.729 519 84	−13.217 894 57	A	17.28	−0.44	37.86	1.38	1.29	1.08	1.04	0.87	+3	+23	−12	−44	+0	−19	−5	−23	−5	+12	1	0.42
33974		07 02 59.42	+11 43 35.0	8.63		H	105.747 588 50	+11.726 391 85		2.68	−0.36	−0.80	0.94	0.61	1.04	0.98	0.72	+1	+37	−5	−24	−2	−19	−3	−38	−2	+8	0	−0.39
33975		07 02 59.62	−18 20 09.2	8.14		H	105.748 403 56	−18.335 895 07		2.17	−5.02	2.86	0.64	0.67	0.88	0.84	0.83	−20	+12	−20	+21	+3	−12	−1	−3	+5	−29	2	0.25
33976	H	07 03 01.14	+54 02 55.7	8.16		H	105.754 770 03	+54.048 794 37	A	6.77	−8.00	−30.17	2.45	2.00	2.44	3.22	2.83	−58	+2	+28	−29	+64	+18	+51	−70	−4	−78	2	0.10
33977		07 03 01.47	−23 49 59.9	3.02	2	H	105.756 139 86	−23.833 301 31		1.27	−1.56	4.28	0.36	0.40	0.56	0.46	0.55	+8	+8	−18	−15	+6	−2	+7	−10	+3	+12	1	1.09
33978		07 03 01.85	−24 13 57.9	7.44		H	105.757 705 24	−24.232 760 62		0.69	0.19	4.43	0.41	0.57	0.80	0.45	0.78	+13	+2	−18	+28	−11	+0	−12	−1	−2	+27	1	1.72
33979	H	07 03 02.25	−11 07 01.6	8.89		G	105.759 382 49	−11.117 114 56	*	2.75	−2.47	1.95	1.19	0.85	1.31	1.27	0.94	+12	+27	−21	−15	−21	+8	−15	−36	+17	+15	0	1.19
33980		07 03 03.12	−15 43 11.3	9.48		G	105.762 990 57	−15.719 799 79		0.39	−8.59	2.28	0.85	1.09	1.39	1.15	1.35	−46	+11	−18	+9	+29	−9	+20	−16	−14	−54	2	−0.68
33981	H	07 03 04.18	−20 45 10.1	8.67		G	105.767 426 73	−20.752 804 64	*	2.52	−1.22	3.01	9.65	4.00	2.12	1.45	1.83	+15	+18	−11	−21	+14	−26	+15	−19	+16	−29	1	1.38
33982		07 03 04.87	+38 08 34.3	9.46		G	105.770 298 34	+38.142 866 24		16.48	−21.04	−252.27	1.38	0.93	1.76	2.13	1.34	−5	+33	−44	+10	−33	+32	+6	−52	+42	+49	0	1.19
33983		07 03 04.92	+43 25 13.5	9.02		H	105.770 515 42	+43.420 415 72		−0.51	−1.29	−5.13	1.06	0.68	1.18	1.33	0.83	−5	+35	−5	−15	−18	−4	−12	−35	+2	+10	0	−0.18
33984		07 03 05.17	−40 21 27.6	7.47		G	105.771 526 21	−40.357 672 86		9.71	−9.66	52.26	0.46	0.54	0.60	0.51	0.61	−2	+14	−5	+1	−4	+9	−3	−4	+4	−7	0	−1.08
33985	H	07 03 05.51	+54 10 26.6	7.42		H	105.772 951 38	+54.174 047 18	A	9.30	−29.27	8.97	2.37	2.07	3.00	2.27	2.31	−35	+25	+1	+8	+39	+0	+36	−31	+13	−55	10	3.75
33986		07 03 06.65	+62 40 25.2	8.58		H	105.777 719 84	+62.673 670 89		6.09	−28.98	−11.67	0.83	0.71	1.14	1.16	0.79	−2	+21	−12	+25	+6	+24	+10	−20	+10	+3	0	−0.91
33987		07 03 07.77	−11 11 57.0	7.88		H	105.782 362 02	−11.199 156 23		0.58	7.86	−6.13	0.88	0.67	1.09	0.94	0.71	+0	+31	−37	−18	−18	+7	−6	−36	+28	+11	4	−0.63
33988		07 03 07.81	+03 13 31.7	8.14		H	105.782 560 03	+03.225 478 19		3.50	−6.59	−3.03	0.82	0.59	0.94	0.94	0.82	−29	+19	−15	−28	+2	−9	−1	−29	+12	−35	2	0.80
33989		07 03 09.79	+33 34 41.4	9.89		H	105.790 783 93	+33.578 157 72		5.68	−5.30	−27.01	1.59	0.95	1.64	1.81	1.25	−12	+34	−9	−2	+16	+9	+22	−45	+2	+0	0	0.22
33990		07 03 10.23	−70 32 29.7	7.80		H	105.792 642 44	−70.541 593 20		3.90	0.29	−11.90	0.58	0.48	0.57	0.62	0.53	−1	+26	+14	−29	+6	+2	+5	+6	−4	−5	0	−0.24
33991		07 03 10.24	−21 26 23.7	8.52	1	H	105.792 657 92	−21.439 919 28		2.59	−5.41	5.36	0.53	0.69	1.30	0.68	0.92	+2	+19	−10	−13	+4	−5	+9	−32	+24	+7	0	−0.16
33992		07 03 10.62	+21 10 29.3	7.68		H	105.794 241 33	+21.174 814 75		3.05	1.09	2.08	0.93	0.60	0.96	1.07	0.71	+7	+29	+0	−23	+0	+10	−1	−50	−10	+12	2	0.53
33993		07 03 11.64	−66 53 21.6	7.66		H	105.798 488 05	−66.889 324 07		7.50	−13.84	79.69	0.50	0.48	0.53	0.39	0.61	+4	+12	+6	−56	−10	−11	−5	+2	+3	−11	2	0.61
33994		07 03 12.89	−45 01 28.4	9.34		H	105.803 724 49	−45.024 564 41		4.22	−10.78	−12.84	0.78	0.98	1.01	0.82	1.20	+6	+1	−40	−18	−19	+21	−16	−28	+14	+1	0	1.04
33995		07 03 12.91	+09 01 25.2	7.18		H	105.803 798 38	+09.023 653 96		11.87	−42.60	−79.26	0.89	0.57	1.04	1.01	0.78	−20	+45	−32	−16	+2	−22	−11	−27	−12	−1	0	−0.34
33996		07 03 14.21	+57 55 48.0	7.12		H	105.809 193 12	+57.930 003 00		3.47	4.28	2.53	0.70	0.49	0.87	0.72	0.47	−17	+30	−25	+28	+17	−1	+19	−23	+2	−4	0	0.83
*33997		07 03 14.21	+14 20 10.1	7.15		H	105.809 222 97	+14.336 151 70		6.17	18.77	−20.27	0.79	0.48	0.84	0.79	0.52	+12	+32	−14	−21	−15	−13	−13	−35	+11	+17	0	0.22
*33998		07 03 14.21	−11 08 14.7	8.01		H	105.809 194 58	−11.137 412 06		3.56	−2.01	3.39	0.83	0.70	1.09	0.93	0.76	−2	+26	−36	−18	−18	+2	−9	−33	+31	+6	0	0.08
*33999		07 03 15.23	+22 25 24.3	8.82		H	105.813 462 75	+22.423 417 84		1.24	−0.43	−6.77	1.38	0.89	1.37	2.05	1.11	+19	−4	−18	−35	−20	+13	−14	−52	+10	+45	0	1.43
*34000	H	07 03 15.11	−59 10 41.3	5.50	1	G	105.812 955 70	−59.178 135 39	A	6.77	−9.98	10.93	0.63	0.65	0.54	0.58	0.71	−5	−6	+13	+26	−10	−14	−7	+30	−4	−14	0	1.63

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″		ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65		66	67	68-70
33901	7.909	0.008	7.839	0.008		0.069	0.011	T	0.08	0.01	L	7.8713	0.0013	0.015	158		7.85	7.90					1							S
33902	9.677	0.019	8.394	0.012		1.092	0.018	T	1.05	0.02	L	8.4330	0.0011	0.013	107		8.41	8.46		D			1							
33903	10.227	0.043	9.379	0.033		0.761	0.041	T	0.80	0.03	L	9.5046	0.0021	0.022	72		9.47	9.55		D			1							
33904	8.890	0.016	8.633	0.018		0.245	0.023	T	0.27	0.03	L	8.7055	0.0021	0.016	68		8.68	8.73		C			1							
33905	8.215	0.010	8.229	0.013		0.001	0.009	G	0.02	0.01	H	8.2566	0.0015	0.010	77		8.24	8.28		C			1							
33906	7.901	0.009	7.821	0.014		0.060	0.015	G	0.07	0.01	H	7.8535	0.0011	0.010	72		7.84	7.88		C			1							S
33907	9.341	0.016	9.363	0.022		−0.018	0.024	T	0.00	0.02	L	9.3700	0.0019	0.018	102		9.33	9.41					1							
33908	9.146	0.015	8.030	0.011		0.962	0.014	T	0.95	0.01	L	8.0939	0.0014	0.012	77		8.08	8.12					1							
33909	6.393	0.004	6.431	0.004		−0.039	0.004	G	−0.02	0.00	H	6.4389	0.0006	0.006	116		6.43	6.45					1							S
33910	10.012	0.043	8.882	0.026		0.972	0.039	T	0.96	0.03	L	8.9308	0.0025	0.018	79		8.90	8.96		C	07023+1235	I 2	1							
33911	8.525	0.013	7.451	0.009		0.930	0.012	T	0.92	0.01	L	7.5158	0.0011	0.008	68		7.50	7.53					1							S
33912	9.635	0.021	9.044	0.020		0.540	0.020	G	0.61	0.02	H	9.1670	0.0016	0.015	113		9.14	9.19		C			1							
33913	8.932	0.013	7.632	0.008		1.105	0.012	T	1.07	0.01	L	7.6780	0.0015	0.012	87		7.66	7.70					1							S
33914	7.243	0.007	5.899	0.006		1.140	0.007	T	1.10	0.01	L	5.9525	0.0006	0.005	80		5.94	5.96		C			1							S
33915	11.174	0.069	10.802	0.083		0.352	0.100	T	0.41	0.11	L	10.8588	0.0039	0.030	76		10.79	10.90		C			1							G
33916	9.144	0.018	8.524	0.016		0.593	0.015	G	0.66	0.01	H	8.5950	0.0014	0.012	71		8.57	8.62					1							
33917	7.392	0.006	7.275	0.007		0.113	0.009	T	0.13	0.01	L	7.3218	0.0008	0.008	80		7.31	7.34		C	07023+1235	I 2	1							S
33918	8.659	0.014	8.639	0.018		0.020	0.015	G	0.04	0.01	H	8.6319	0.0020	0.015	72		8.61	8.66		C			1							
33919						0.636	0.126	G	0.70	0.11	R	11.4782	0.0051	0.048	72		11.39	11.55					1							G
33920	8.188	0.008	8.216	0.010		−0.021	0.012	T	0.00	0.01	L	8.2261	0.0014	0.019	166		8.20	8.26					1							
33921	7.695	0.008	7.408	0.007		0.273	0.010	T	0.31	0.01	L	7.4445	0.0015	0.010	95		7.43	7.46					1							S
33922	6.833	0.004	6.988	0.005		−0.138	0.001	G	−0.13	0.00	H	6.9683	0.0008	0.008	119		6.95	6.98		C			1							S
33923	11.424	0.116	11.108	0.137		0.475	0.036	G	0.55	0.04	H	11.2513	0.0051	0.032	69		11.19	11.32		C			1							G G
33924	9.665	0.015	9.783	0.024		−0.102	0.025	T	−0.09	0.03	L	9.7950	0.0024	0.033	174		9.75	9.85		U			1							G
33925	8.583	0.009	8.623	0.011		−0.032	0.013	T	−0.01	0.01	L	8.6379	0.0011	0.011	133		8.62	8.66					1							
33926	8.900	0.015	8.850	0.019		0.051	0.022	T	0.06	0.02	L	8.8969	0.0022	0.016	76		8.87	8.92					1							
33927	6.389	0.004	5.287	0.003		0.953	0.004	G	0.83	0.04	E	5.3494	0.0006	0.006	84		5.34	5.36					1							S
33928	9.750	0.024	8.236	0.013		1.273	0.021	T	1.23	0.02	L	8.2449	0.0016	0.013	89		8.23	8.27		C			1							
33929	7.979	0.012	6.193	0.008		1.518	0.012	T	2.52	0.04	O	5.9755	0.0046	0.052	74		5.87	6.06		U 2			1 G							S P
33930	8.348	0.011	7.970	0.009		0.353	0.015	G	0.41	0.02	H	8.0256	0.0010	0.011	127		8.00	8.05					1							S
33931	7.498	0.007	7.473	0.009		0.028	0.011	T	0.04	0.01	L	7.4890	0.0016	0.013	77		7.47	7.51		C			1							S
33932	9.026	0.011	8.360	0.010		0.627	0.015	G	0.69	0.01	H	8.4369	0.0013	0.013	129		8.42	8.47		C			1							S
33933						1.186	0.004	G	1.31	0.01	I	10.6234	0.0060	0.034	63		10.57	10.67					1 X							G
33934	8.692	0.012	8.311	0.012	A	0.375	0.015	G	0.44	0.02	H *	8.3189	0.0015	0.010	86	*	8.30	8.34		D	07025+0330	I 1	2 C D	AB	319	5.292	0.028		3.36	0.11	D
33935	9.414	0.013	9.585	0.019		−0.147	0.020	T	−0.14	0.03	L	9.5382	0.0029	0.031	244		9.49	9.59					1							G
33936	8.868	0.011	8.312	0.010		0.536	0.015	G	0.61	0.02	H	8.3748	0.0013	0.013	108		8.36	8.40					1							S
33937	8.010	0.010	6.053	0.005		1.659	0.009	T	1.97	0.03	O	5.9433	0.0023	0.021	72		5.92	5.99		U 2			1 S							S
33938	8.338	0.011	8.191	0.013		0.130	0.015	G	0.14	0.01	H	8.2052	0.0015	0.012	81		8.17	8.23		C	07026+5039	I 1	1 S							S
33939	8.041	0.008	7.860	0.010		0.173	0.012	T	0.19	0.01	L	7.8977	0.0015	0.013	127		7.87	7.92		C			1							S
33940	11.206	0.084	10.145	0.055		0.870	0.015	G	0.91	0.01	H	10.2679	0.0026	0.028	69		10.22	10.31		C			1							G
33941	8.931	0.017	8.334	0.016	*	0.557	0.017	T	0.63	0.02	L *	8.3627	0.0016	0.014	75	*	8.33	8.38		D	07026+1558	I 1	2 C A	BA	30	0.274	0.004		0.24	0.05	
33942	11.710	0.112	9.884	0.035	A						T	9.8831	0.0238	0.042	85	A	9.83	9.94		D	07026−6234	I 2	1 C P A							
33943	10.145	0.037	9.629	0.035		0.485	0.046	T	0.56	0.05	L	9.7287	0.0019	0.016	74		9.70	9.76					1							
33944	8.576	0.012	8.574	0.015		0.007	0.018	T	0.03	0.02	L	8.5308	0.0055	0.106	80		8.50	8.85	1.92	P 1 A			1							
33945	10.068	0.035	8.151	0.014		1.591	0.030	T	1.61	0.03	L	7.9131	0.0093	0.053	68		7.84	8.04		U 2			1 S							P
33946											T	12.3205	0.2054			B				D	07026−6234	I 2	1 C I A							
33947	9.841	0.025	8.712	0.016		0.972	0.023	T	0.96	0.02	L	8.7912	0.0017	0.015	79		8.77	8.82		C			1							
33948	7.819	0.008	7.830	0.011		−0.028	0.006	G	−0.01	0.01	H	7.8532	0.0017	0.011	69		7.84	7.87					1							S
33949	9.562	0.013	7.580	0.006		1.643	0.011	T	1.67	0.01	L	7.4403	0.0017	0.024	200		7.41	7.50		U 2			1							S
33950	10.486	0.031	10.041	0.032		0.434	0.036	T	0.50	0.04	L	10.0900	0.0028	0.029	118		10.03	10.14					1							G
33951	7.382	0.007	7.419	0.009		−0.032	0.003	G	−0.01	0.00	H	7.4401	0.0013	0.013	94		7.42	7.46		C			1							S
33952	8.457	0.010	7.452	0.007		0.878	0.009	T	0.89	0.01	L	7.5096	0.0012	0.011	130		7.49	7.53					1							S
33953	8.267	0.013	8.146	0.015		0.117	0.019	T	0.13	0.02	L	8.1356	0.0046	0.097	82		8.10	8.38	1.27	P 1 A			1 V							
33954	7.741	0.008	7.661	0.009		0.079	0.011	T	0.09	0.01	L	7.6920	0.0014	0.011	86		7.67	7.71		C			1							S
33955	9.795	0.093	8.416	0.047		1.078	0.008	G	1.14	0.01	I	8.4925	0.0019	0.014	76		8.46	8.52		C			1							
33956	9.085	0.016	9.012	0.020		0.072	0.024	T	0.08	0.03	L	9.0297	0.0026	0.018	93		8.99	9.06		C			1							
33957	6.921	0.005	6.862	0.007		0.055	0.001	G	0.07	0.00	H	6.8829	0.0010	0.009	98		6.87	6.90					1							S
33958	10.480	0.031	8.790	0.014		1.412	0.027	T	1.39	0.03	L	8.7961	0.0016	0.016	111		8.77	8.82					1							
33959	10.079	0.031	8.033	0.011		1.715	0.020	G	1.69	0.02	J	7.9503	0.0017	0.012	78		7.93	7.99		C			1							
33960	7.771	0.010	7.764	0.012		0.000	0.015	G	0.02	0.01	H	7.7920	0.0017	0.011	74		7.77	7.81		C			1							S
33961	8.271	0.011	6.918	0.006		1.147	0.010	T	1.11	0.01	L	6.9385	0.0009	0.008	86		6.92	6.96		D	07028−1642	I 1	1							S
33962	10.544	0.055	9.150	0.028		1.179	0.048	T	1.14	0.04	L	9.1885	0.0025	0.016	61		9.16	9.22		C			1 X							
33963	9.163	0.021	9.050	0.026		0.153	0.027	G	0.17	0.03	H	9.1634	0.0027	0.020	78		9.14	9.19		C			1							D
33964	9.435	0.014	9.528	0.020	A	−0.060	0.015	G	−0.04	0.01	H *	9.4248	0.0026	0.028	176	*	9.37	9.48		D	07028−2019	I 1	2 C A	AB	157	3.879	0.021		2.37	0.09	G
33965	8.118	0.019	7.596	0.016	*	0.490	0.023	T	0.56	0.02	L *	7.6068	0.0018	0.010	63	*	7.59	7.62		D	07028+1305	I 1	2 C A	AB	87	1.180	0.003		0.69	0.01	S
33966	8.434	0.010	7.970	0.012		0.456	0.015	G	0.53	0.02	H	8.0123	0.0026	0.016	92		7.98	8.04					1							S
33968	9.139	0.016	9.108	0.021		0.033	0.024	T	0.05	0.02	L	9.0907	0.0024	0.015	81		9.06	9.12					1							
33969	8.307	0.010	8.244	0.012	A	0.090	0.015	G	0.10	0.02	H *	8.1695	0.0018	0.015	98	*	8.15	8.21		U 2	07029−4545	I 1	2 C A	AB	337	2.517	0.022		2.69	0.08	S
33970	7.057	0.003	7.128	0.004		−0.068	0.002	G	−0.05	0.00	H	7.1200	0.0008	0.011	234		7.10	7.14					1							S
33971	4.722	0.003	4.944	0.003		−0.195	0.013	G	−0.19	0.02	A	4.9160	0.0030	0.020	76		4.89	4.96	0.19	P 1 A			1							S
33972	9.452	0.023	9.357	0.029		0.193	0.021	G	0.21	0.02	H	9.3629	0.0022	0.018	78		9.33	9.38					1							D
33973	8.296	0.012	7.714	0.009	*	0.531	0.015	G	0.60	0.02	H *	7.7758	0.0013	0.008	73	*	7.76	7.79		C	07029−1313	H 1	2 C A	AB	184	0.430	0.019		3.15	0.10	S
33974	8.612	0.012	8.612	0.016		0.005	0.018	T	0.03	0.02	L	8.6393	0.0016	0.011	81		8.62	8.66		C			1							
33975	7.974	0.009	8.121	0.012		−0.126	0.013	T	−0.12	0.02	L	8.1025	0.0018	0.013	98		8.08	8.12					1							
33976	8.760	0.015	8.249	0.014	*	0.480	0.019	T	0.55	0.02	L *	8.2636	0.0018	0.016	90	*	8.24	8.29		D	07030+5403	I 1	2 C A	AB	283	0.783	0.004		0.69	0.02	S
33977	2.926	0.003	3.026	0.003		−0.077	0.035	G	−0.03	0.02	A	3.0050	0.0022	0.026	162		2.97	3.05	24.44	P 1 A			1							S
33978	9.218	0.014	7.574	0.007		1.375	0.012	T	1.35	0.01	L	7.5885	0.0010	0.014	211		7.57	7.61					1							S
33979	8.930	0.016	8.920	0.021	*	0.062	0.001	G	0.07	0.00	H *	8.9226	0.0019	0.016	88	*	8.89	8.95		C	07030−1107	H 1	2 C S C	AB	270	0.170	0.072		1.77	1.43	
33980	9.404	0.029	9.470	0.041		−0.042	0.004	G	−0.02	0.00	H	9.4733	0.0025	0.019	120		9.43	9.51					1							G
33981	8.591	0.008	8.656	0.010	*	−0.053	0.004	G	−0.03	0.00	H *	8.6571	0.0016	0.019	219	*	8.62	8.70			07031−2045	H 1	2 C A	AB	339	0.225	0.050		2.21	0.65	
33982	10.203	0.034	9.487	0.029		0.636	0.004	G	0.70	0.00	H	9.5737	0.0026	0.017	71		9.54	9.61		C			1							
33983	11.376	0.078	9.206	0.022		1.834	0.067	T	2.11	0.16	O	9.1008	0.0030	0.024	90		9.06	9.13					1							
33984	7.815	0.008	7.499	0.007		0.280	0.003	G	0.32	0.00	H	7.5409	0.0009	0.009	127		7.52	7.56					1							S
33985	8.641	0.022	7.542	0.015	*	0.949	0.021	T	0.94	0.01	L *	7.5806	0.0021	0.017	99	*	7.56	7.63		D	07031+5410	I 1	2 C D	AB	66	8.916	0.014		1.69	0.06	S D
33986	9.065	0.014	8.627	0.014		0.413	0.018	T	0.48	0.02	L	8.6733	0.0020	0.016	91		8.63	8.71		C			1							
33987	7.786	0.009	7.873	0.011		−0.059	0.003	G	−0.04	0.00	H	7.8660	0.0014	0.011	88		7.84	7.88		C			1							S
33988	8.087	0.009	8.129	0.012		−0.034	0.014	T	−0.01	0.01	L	8.1337	0.0015	0.011	85		8.11	8.16					1							
33989	10.565	0.059	9.950	0.054		0.573	0.070	T	0.65	0.07	L	10.0165	0.0034	0.019	75		9.98	10.04		C			1							G
33990	7.875	0.008	7.799	0.011		0.068	0.012	T	0.08	0.01	L	7.8309	0.0010	0.010	101		7.82	7.86					1							S
33991	10.777	0.028	8.717	0.009		1.705	0.023	T	1.73	0.02	L	8.6300	0.0019	0.026	238		8.59	8.67		U			1							
33992	8.986	0.015	7.793	0.010		1.022	0.014	T	1.00	0.01	L	7.8493	0.0010	0.009	76		7.83	7.86		C			1							
33993	8.211	0.009	7.721	0.008		0.473	0.009	T	0.54	0.01	L	7.7693	0.0010	0.011	122		7.75	7.78		C			1							S
33994	9.784	0.022	9.378	0.023		0.397	0.026	T	0.46	0.03	L	9.4296	0.0024	0.018	109		9.40	9.46		C			1							
33995	7.754	0.010	7.240	0.010		0.506	0.015	G	0.58	0.02	H	7.2929	0.0006	0.006	65		7.28	7.30		D			1							S
33996	9.205	0.016	7.307	0.007		1.576	0.014	T	1.59	0.01	L	7.2390	0.0013	0.012	93		7.22	7.26					1							S
33997	7.463	0.006	7.186	0.007		0.264	0.009	T	0.30	0.01	L	7.2263	0.0007	0.007	84		7.21	7.24					1							S
33998	8.035	0.011	7.996	0.012		0.010	0.015	G	0.03	0.01	H	8.0259	0.0014	0.012	88		8.00	8.05		C			1							
33999	10.408	0.057	8.957	0.026		1.223	0.049	T	1.18	0.05	L	8.9829	0.0020	0.013	65		8.96	9.01		C			1							
34000	5.465	0.014	5.621	0.015	A	−0.125	0.005	G	−0.11	0.01	H *	5.4586	0.0013	0.010	126	*	5.45	5.48	1.65	P 1 A	07033−5911	I 1	2 C A	AB	85	1.463	0.002		1.02	0.01	S

Number HIP 1	2	RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	α (ICRS) deg 8	δ deg 9	10	π mas 11	μα* mas/yr 12	μδ 13	α* mas 14	δ 15	π mas 16	μα* mas/yr 17	μδ 18	δ α* 19	π α* 20	π δ 21	μα* α* 22	μα* δ 23	μα* π 24	μδ α* 25	μδ δ 26	μδ π 27	μδ μα* 28	F1 % 29	F2 30
34001		07 03 16.52	+46 07 12.8	9.00		H	105.818 838 54	+46.120 233 08		1.81	−15.86	−30.38	1.17	0.77	1.30	1.41	0.94	−33	+36	−23	+21	−13	+2	−7	−26	+3	−18	0	1.52
34002		07 03 17.93	+09 08 18.1	5.96		H	105.824 705 67	+09.138 347 29		12.59	−23.58	3.06	0.87	0.64	0.98	0.97	0.74	−11	+46	−31	−9	−13	−17	−21	−20	−16	+12	0	−0.62
34003		07 03 18.29	−05 44 15.6	9.48	3	H	105.826 194 24	−05.737 668 34		5.59	6.48	8.20	1.27	0.93	1.46	1.16	0.95	−24	+43	−18	−30	+10	−10	+14	−53	+2	+1	0	−0.21
34004		07 03 18.49	−09 33 35.8	8.53		H	105.827 034 22	−09.559 939 37		5.17	−7.67	5.09	1.09	0.81	1.27	1.09	0.93	+2	+36	+2	−22	+1	+0	+3	−44	−8	+19	2	1.70
34005	H	07 03 23.64	+00 20 38.4	7.32		G	105.848 492 43	+00.343 994 33	*	5.84	−10.66	−4.71	1.00	0.64	1.14	0.90	0.72	−25	+54	−23	−40	+11	−24	+8	−42	+8	−25	4	−0.01
34006		07 03 24.61	−52 25 31.3	6.53		H	105.852 530 58	−52.425 365 61		2.24	−8.52	10.11	0.46	0.45	0.51	0.52	0.56	−13	+17	−3	−4	+3	−14	+3	−7	+9	−34	1	1.00
34007		07 03 25.39	−03 01 31.2	7.49		H	105.855 811 74	−03.025 341 13		3.84	−17.78	−6.29	0.77	0.55	0.90	0.84	0.58	+1	+28	−26	−16	−8	+5	−2	−34	+12	+18	0	−0.63
34008	H	07 03 25.47	−35 19 11.8	9.48		H	105.856 130 78	−35.319 932 78	B	7.44	16.46	13.67	7.39	8.90	6.73	5.71	6.90	+13	+10	−8	−11	−6	+5	−9	+15	+1	+14	10	2.40
34009	H	07 03 26.17	−35 19 10.3	8.80		H	105.859 055 50	−35.319 537 21	A	3.83	4.61	7.72	2.36	3.31	2.73	2.38	3.05	+12	+6	+3	−10	−5	+9	−7	+7	+7	+13	10	2.40
34010		07 03 26.74	−04 15 58.9	7.43		G	105.861 425 50	−04.266 370 35		2.96	−12.70	−11.03	0.83	0.58	0.90	0.83	0.59	−2	+29	−12	−42	+3	+1	+4	−45	+5	+7	0	−0.57
34011		07 03 26.95	−37 12 19.3	9.64		H	105.862 293 29	−37.205 367 33		7.84	24.61	47.26	0.85	0.88	1.10	0.97	1.24	+7	+13	+3	−12	+4	+18	+4	+5	−2	+7	1	−1.01
34012		07 03 28.98	+18 22 11.9	8.27		H	105.870 769 67	+18.369 979 34		2.06	4.42	−13.11	0.96	0.59	1.11	1.25	0.85	+2	+17	−6	+0	+2	−37	−5	−35	+3	−10	0	0.96
34013		07 03 29.41	−74 29 15.0	9.29		H	105.872 541 14	−74.487 490 63		2.69	−7.91	15.49	0.90	0.85	0.91	0.95	0.96	−3	+17	+7	−4	−5	+3	−7	−28	+11	−15	0	0.70
34014		07 03 29.58	+72 48 36.3	8.32		H	105.873 253 41	+72.810 093 43		2.16	5.39	−13.85	0.53	0.73	0.95	0.55	0.78	+7	+9	+12	+12	+3	+6	+4	−6	+3	+8	0	1.33
34015		07 03 29.64	−55 56 53.9	7.30		H	105.873 495 79	−55.948 311 48		3.87	6.47	26.95	0.58	0.52	0.59	0.66	0.59	−2	+17	+20	+25	−7	+14	−13	+2	+2	−18	1	1.00
34016		07 03 29.77	+19 13 19.6	7.53		H	105.874 059 16	+19.222 120 54		6.95	−12.65	−17.76	0.82	0.51	0.89	0.94	0.68	+8	+21	−3	−2	+0	−24	−7	−29	+9	−18	0	−0.43
34017		07 03 30.35	+29 20 20.7	5.93		H	105.876 476 81	+29.339 093 45		52.37	155.73	−828.01	0.82	0.49	0.84	1.04	0.65	+7	+34	+4	+21	+19	+12	+24	−26	+7	+16	0	1.77
34018		07 03 30.60	−45 12 23.1	9.41		H	105.877 496 55	−45.206 407 91		0.62	−2.22	15.08	0.90	1.14	1.15	0.96	1.35	+3	−1	−42	−21	−17	+5	−20	−31	+26	−10	0	−0.29
*34019		07 03 31.76	+47 54 49.2	8.06		H	105.882 351 16	+47.913 658 38		2.80	−12.44	−11.69	0.84	0.60	0.95	1.04	0.66	−26	+20	−22	−21	+6	+7	+13	−48	+2	−2	0	0.38
*34020		07 03 31.71	−77 56 35.4	8.21		H	105.882 138 46	−77.943 179 86		5.38	−41.23	18.33	0.59	0.59	0.63	0.65	0.61	−6	+4	+4	+5	+4	−2	+0	−23	−14	−19	0	0.07
34021		07 03 32.37	+25 05 37.3	7.88		H	105.884 879 15	+25.093 707 84		4.28	−7.74	5.58	0.92	0.51	1.00	1.13	0.60	+3	+31	−22	+14	+14	−27	+16	−22	−7	+36	0	0.46
34022		07 03 32.56	−78 46 57.1	8.67		H	105.885 666 39	−78.782 515 65		1.27	3.12	24.17	0.73	0.70	0.77	0.78	0.76	−6	+21	+1	+16	+1	+0	−4	−10	−10	−19	1	−0.81
34023		07 03 33.34	−28 50 20.4	9.11		H	105.888 925 94	−28.839 009 86		2.38	−5.89	5.06	0.64	0.71	0.99	0.79	0.84	−12	−1	+0	+13	−2	−1	−2	−5	+3	−15	0	−0.22
34024		07 03 33.51	+71 45 28.8	7.15		H	105.889 632 81	+71.757 993 81		27.38	30.96	55.11	0.37	0.49	0.68	0.42	0.50	+12	+17	+2	+20	+5	+11	+5	−6	−5	+16	0	−1.07
34025	H	07 03 34.05	+39 40 34.1	9.58		H	105.891 862 80	+39.676 142 53	*	21.30	−142.38	−107.76	3.20	1.95	2.80	3.65	2.65	−32	+2	+3	+5	+8	+13	+9	−39	+10	−33	2	0.19
34026		07 03 34.57	+02 26 14.3	6.99		H	105.894 051 77	+02.437 317 49		0.58	−0.28	−1.47	0.84	0.55	0.96	0.98	0.82	−27	+42	−15	−36	+11	−17	+9	−38	+5	−25	0	1.83
34027		07 03 35.22	−06 55 07.7	8.14		H	105.896 759 92	−06.918 812 38		2.83	1.92	−5.67	0.97	0.68	1.10	1.05	0.83	−17	+37	−16	−38	+12	−1	+15	−49	+10	−3	0	1.23
34028		07 03 35.30	−39 57 53.1	8.07		H	105.897 101 83	−39.964 751 07		5.98	−36.86	51.08	0.51	0.62	0.68	0.56	0.70	−1	+11	−12	+2	−5	+7	−5	−10	+9	−13	0	0.35
34029		07 03 36.09	+49 07 18.6	8.13		H	105.900 377 38	+49.121 821 84		2.15	−3.95	−21.19	0.85	0.61	0.97	1.06	0.67	−7	+25	−9	−11	−11	−8	−10	−41	−5	+0	0	0.18
34030		07 03 36.83	+27 00 19.7	8.46		G	105.903 478 39	+27.005 484 95		3.66	19.34	7.15	1.13	0.62	1.12	1.56	0.93	+24	+20	+1	+8	−13	+5	−2	−34	+15	+44	0	2.34
34031		07 03 37.16	−32 58 54.2	8.30		H	105.904 836 29	−32.981 732 36		6.91	−15.08	8.87	0.55	0.74	0.87	0.64	0.90	+6	+6	+3	+22	−6	+34	−7	−5	+19	+12	0	0.69
34032		07 03 37.18	−02 28 27.0	7.21	2	H	105.904 918 71	−02.474 171 96		4.29	−8.77	−0.06	0.72	0.51	0.89	0.69	0.50	−13	+42	−32	−31	−3	−10	+2	−42	+12	+29	0	0.07
34033		07 03 38.07	+10 57 06.6	5.14		G	105.908 638 11	+10.951 845 77		4.39	−2.03	−11.98	0.66	0.46	0.72	0.68	0.52	+4	+24	+2	−25	−6	−8	−8	−44	−6	+1	0	0.60
34034		07 03 38.11	+17 51 30.6	10.50		H	105.908 804 52	+17.858 495 13		29.35	−42.73	−49.29	7.69	4.85	8.67	9.18	6.77	−3	+32	−26	−28	+1	−29	−10	−39	+6	−11	0	
34035		07 03 38.22	−71 59 57.7	8.88		H	105.909 261 15	−71.999 361 40		5.54	−33.22	19.14	0.78	0.72	0.77	0.93	0.77	−11	+21	+10	+8	−21	+0	−19	+1	+2	−28	0	0.35
34036		07 03 38.51	+36 47 46.0	8.57		H	105.910 459 41	+36.796 119 16		11.74	−72.67	−82.47	2.58	1.60	2.62	4.27	2.27	+21	+14	−26	−20	−45	+26	−26	−58	+23	+56	0	
34037		07 03 38.79	−29 01 04.8	8.71		H	105.911 609 01	−29.017 986 94		1.84	1.01	11.72	0.65	0.74	1.06	0.73	0.82	−6	+5	−1	+1	+3	+4	+3	−2	−5	−6	0	−0.54
34038		07 03 39.63	+10 46 13.1	7.39	2	H	105.915 132 40	+10.770 303 34		−1.37	−0.61	−2.82	0.79	0.55	0.90	0.82	0.60	+5	+19	+7	−13	−6	−20	−7	−39	−16	+9	0	0.27
34039		07 03 41.66	−00 33 25.0	7.20		H	105.923 573 18	−00.556 953 46		2.05	−1.98	0.90	0.82	0.61	0.98	0.79	0.60	−9	+33	−22	−27	+1	−4	+7	−45	+14	+12	0	−0.24
34040		07 03 41.83	+00 05 43.5	8.62	1	H	105.924 307 02	+00.095 420 47		4.49	69.57	−61.11	1.21	0.82	1.33	1.14	0.93	−39	+50	−22	−39	+19	−25	+14	−40	+7	−43	0	−0.39
34041		07 03 42.92	−25 05 02.1	6.86		H	105.928 812 87	−25.083 921 10		1.79	−3.30	2.77	0.33	0.45	0.66	0.36	0.61	+18	+4	−9	+34	−12	−5	−13	−7	−7	+29	1	−0.18
34042		07 03 43.17	−11 33 06.2	9.84		G	105.929 862 89	−11.551 733 12	*	−0.91	−8.77	3.42	2.25	1.63	2.21	3.21	2.11	+21	+28	−25	−62	−35	−6	−29	−56	+18	+34	0	1.19
34043		07 03 43.22	+33 53 36.4	7.47		H	105.930 088 32	+33.893 434 59		5.12	−6.89	−21.37	1.03	0.59	1.03	1.24	0.76	+12	+20	−5	+10	+3	+16	+10	−32	+3	+27	0	−0.79
34044		07 03 44.92	−24 18 39.1	8.30		H	105.937 157 95	−24.310 861 98		1.06	−5.54	3.05	0.48	0.67	0.94	0.55	0.94	+14	−2	−21	+35	−8	−1	−6	+3	+1	+31	2	−0.57
34045		07 03 45.49	−15 37 59.7	4.11		H	105.939 554 93	−15.633 258 76		8.11	−0.81	−11.20	0.46	0.47	0.63	0.66	0.56	−32	+9	−6	+13	+31	−9	+15	−37	+11	−56	0	−0.73
34046		07 03 45.99	+47 15 33.1	7.72		G	105.941 635 05	+47.259 184 83		7.38	−8.19	29.34	0.87	0.61	0.97	1.11	0.72	−24	+25	−18	−16	+2	+6	+8	−47	+3	−7	0	−0.87
34047		07 03 46.11	+67 27 25.2	7.75		G	105.942 140 53	+67.457 002 28	+	14.98	36.62	0.87	0.79	0.70	0.93	0.63	1.18	−34	+20	−26	−38	+14	−26	+59	−60	+12	+0	0	1.31
34048		07 03 47.42	−25 39 12.2	7.97		G	105.947 592 65	−25.653 395 25		2.06	−2.70	1.55	0.41	0.54	0.77	0.47	0.75	+3	+2	−8	+14	−7	−7	−9	+5	−9	+9	0	0.44
34049		07 03 47.51	−01 05 58.7	8.89	2	H	105.947 970 27	−01.099 636 05		0.47	−0.52	−3.86	1.04	0.81	1.23	1.20	0.93	+20	+5	−19	−38	−31	−7	−32	−42	+2	+31	0	0.44
34050		07 03 49.63	−50 27 17.6	8.76		H	105.956 805 94	−50.454 898 72		1.90	0.82	−6.54	0.71	0.65	0.77	0.83	0.71	−9	+14	−2	−8	−8	+6	−7	−8	−1	−22	1	−0.59
34051		07 03 50.10	−29 23 15.0	9.17		H	105.958 748 32	−29.387 509 73		2.38	−4.35	7.23	0.70	0.82	1.10	0.77	0.89	+1	+11	−6	+21	+0	−4	+0	+2	+11	−6	0	−1.50
34052		07 03 50.30	−43 33 44.3	8.67		G	105.959 569 09	−43.562 292 92		58.89	−75.43	401.32	0.72	0.95	0.94	0.75	2.10	−4	−1	−15	+9	−3	+5	−3	+37	−37	−18	0	−0.07
34053		07 03 50.31	−41 12 24.8	7.56		H	105.959 618 23	−41.206 895 83		3.23	−35.19	−4.01	0.49	0.55	0.63	0.49	0.64	−2	+6	−8	−1	−2	+1	−3	+1	−10	−8	3	0.38
34054		07 03 50.39	−26 38 31.8	9.17		H	105.959 958 26	−26.642 163 66		2.44	1.30	11.41	0.76	0.88	1.33	1.02	1.34	+7	+10	+0	+23	+5	+10	+9	+7	−1	+31	2	0.79
34055		07 03 51.60	+12 35 39.3	6.01	1	H	105.965 012 58	+12.594 259 15		2.58	−6.69	−6.87	0.72	0.45	0.83	0.73	0.49	−8	+40	−18	−20	+0	−26	−2	−29	+2	+10	0	1.51
34056		07 03 52.31	+05 51 39.3	8.36		H	105.967 942 32	+05.860 921 19		2.54	0.85	−5.48	0.87	0.56	1.03	0.99	0.71	−6	+27	−30	−39	−17	−12	−19	−38	+16	+17	0	−0.08
120046		07 03 52.64	−46 25 02.5	9.06		H	105.969 315 75	−46.417 355 02		0.99	−4.98	11.31	0.77	0.83	0.91	0.97	1.06	−5	+14	−9	−1	+4	−2	+5	+11	−7	−27	2	2.22
34057		07 03 52.79	+16 10 56.2	8.28		H	105.969 964 34	+16.182 265 69		0.63	−6.52	−3.18	1.11	0.66	1.24	1.27	0.91	−2	+34	−15	−8	−5	−23	−12	−28	+8	−15	0	1.24
34058		07 03 53.48	−13 05 49.1	7.07		H	105.972 834 40	−13.096 960 95		3.68	−1.83	−8.32	0.81	0.63	0.92	0.80	0.64	+2	+28	−29	−39	−8	−20	−10	−40	+19	+4	2	0.32
34059		07 03 53.66	−49 35 03.3	4.92		H	105.973 566 47	−49.584 257 59		16.98	−53.69	139.00	0.41	0.41	0.46	0.50	0.51	+13	+19	−4	−12	−18	+2	−17	−12	−4	+19	0	−0.33
34060		07 03 54.42	−50 39 40.8	7.19		H	105.976 761 53	−50.661 339 54		3.73	3.99	−5.23	0.53	0.47	0.57	0.59	0.53	−5	+20	+0	+2	−5	−1	−7	−11	−5	−18	0	0.00
34061		07 03 54.62	+25 25 10.9	8.35		H	105.977 567 88	+25.419 685 15		4.99	−12.69	−34.28	1.02	0.61	1.05	1.21	0.76	−3	+33	−5	+14	+15	−2	+21	−33	−1	+17	0	1.66
34062	H	07 03 56.05	−34 16 01.7	8.02		H	105.983 530 59	−34.267 127 83	A	2.38	−1.89	−9.26	0.86	0.92	1.04	0.89	0.93	+9	+24	+25	+49	+5	+20	−3	+13	+4	−12	0	0.70
34063		07 03 56.55	+42 13 59.9	8.93		H	105.985 607 94	+42.233 313 77		6.74	−22.24	0.88	1.08	0.73	1.33	1.27	0.84	−24	+33	−24	−16	−24	+5	−12	−45	+17	−3	0	0.33
34064		07 03 57.34	+34 40 56.2	8.99		H	105.988 902 93	+34.682 267 81		3.92	−5.28	−16.04	1.25	0.69	1.34	1.57	0.93	−7	+45	−23	+24	−3	+3	+18	−22	+20	+32	2	1.30
34065		07 03 57.40	−43 36 32.3	5.56		G	105.989 168 16	−43.608 983 97	A	61.54	−102.70	388.95	1.09	1.25	1.05	1.04	1.49	−4	+9	−4	+9	+5	+1	+5	−2	−11	−7	5	2.08
34066		07 03 57.46	−10 07 25.6	6.44		H	105.989 410 87	−10.123 767 11		2.56	−5.44	0.71	0.66	0.50	0.79	0.69	0.57	+9	+36	−3	−17	−3	−11	−2	−37	−4	+21	2	−0.52
34067		07 03 58.04	−27 30 20.3	8.24		H	105.991 829 30	−27.505 650 27		1.66	−4.09	5.50	0.50	0.56	0.80	0.62	0.66	+5	+1	−6	+11	−9	+10	−8	−13	+8	+9	0	−0.27
34068		07 03 58.37	+40 34 55.7	6.97		H	105.993 224 61	+40.582 146 93		5.61	−10.77	18.41	0.91	0.53	0.97	1.10	0.67	−5	+40	+7	+23	−3	−1	−4	−25	−6	−7	0	0.30
34069		07 03 59.00	−43 36 44.2	6.83		G	105.995 850 67	−43.612 283 17	B	66.29	−103.02	396.46	19.99	21.67	6.81	7.01	10.13	+1	+7	−5	+1	+7	+4	+7	−4	−14	−4	5	2.08
34070		07 03 59.06	+47 02 59.8	6.99		H	105.996 097 31	+47.049 932 40		12.10	−82.19	10.57	0.74	0.53	0.86	0.93	0.61	−30	+27	−21	−13	+0	+9	+10	−48	+11	−9	0	−0.31
34071		07 03 59.97	−36 21 37.5	9.87		H	105.999 863 77	−36.360 412 32		6.07	−47.43	38.58	0.76	0.88	1.05	0.88	1.27	+5	+10	+6	+4	+9	+3	+10	+6	−7	+6	0	−0.24
34072		07 04 00.05	−04 37 24.6	7.44	2	H	106.000 221 18	−04.623 509 80		1.52	−0.62	1.00	0.85	0.58	0.92	0.73	0.54	−1	+33	−5	−43	+2	+2	+4	−48	+5	+1	0	0.70
34073		07 04 00.20	+24 13 51.9	8.52		H	106.000 816 98	+24.231 077 95		2.79	−8.07	−9.54	1.01	0.57	1.08	1.01	0.61	+11	+38	−19	−19	−14	−11	−9	−38	+11	+27	0	0.10
34074		07 04 00.80	−21 46 23.2	8.42		G	106.003 315 86	−21.773 116 03		1.10	−5.11	3.32	0.50	0.64	1.10	0.64	0.82	+20	+4	−14	−4	+8	−2	+8	−28	+11	+21	0	−0.37
34075		07 04 01.54	+76 44 31.9	9.26		H	106.006 404 51	+76.742 201 02		7.05	1.39	−15.10	0.72	0.79	1.08	0.78	0.83	+19	+31	+17	+5	−1	+5	+1	−5	+5	+20	0	0.53
34076		07 04 01.56	+08 14 59.7	7.81		H	106.006 506 41	+08.249 906 56		6.05	−14.21	−14.60	0.94	0.57	1.18	1.11	0.84	−45	+54	−34	−15	+6	−30	−1	−25	−13	+4	0	−1.40
34077		07 04 02.05	+01 53 52.6	8.07		G	106.008 534 85	+01.897 940 51		3.76	−36.68	−17.48	1.01	0.76	1.17	1.21	1.12	−3	+8	+17	−46	+0	+1	−6	−50	−31	−18	0	1.58
34078		07 04 02.29	+05 07 55.1	7.31		H	106.009 529 36	+05.131 979 84		0.28	−3.54	−2.47	0.80	0.51	0.90	0.79	0.58	+4	+35	−7	−27	−26	−11	−24	−27	+7	+5	0	−0.28
*34079		07 04 02.63	+51 17 09.3	7.28		H	106.010 960 90	+51.285 918 69		6.02	0.83	−2.89	0.69	0.50	0.83	0.85	0.61	−10	+35	−21	+5	−10	−3	+0	−22	+17	+13	0	−1.90
*34080		07 04 02.63	−12 17 17.4	7.44	2	G	106.010 937 60	−12.288 166 91		1.69	−6.25	3.65	0.74	0.60	0.90	0.81	0.65	+4	+29	−28	−29	−15	+2	−7	−41	+20	+26	0	−1.13
34081	H	07 04 02.81	−42 20 14.8	5.20		G	106.011 699 61	−42.337 453 41	*	10.34	−18.14	71.48	2.09	1.09	0.56	0.48	0.64	−55	+3	+3	−6	−6	+10	−6	−10	−16	−8	2	−0.11
34082		07 04 03.00	+71 11 45.1	9.34		G	106.012 496 42	+71.195 872 77		15.64	−61.23	−410.54	0.82	1.25	1.44	1.02	1.16	+21	+22	+11	−21	+5	−7	+6	+24	+19	+23	3	0.59
34083		07 04 03.52	+36 18 48.7	6.70	1	H	106.014 685 69	+36.313 536 29		5.73	23.52	−10.55	0.91	0.50	0.91	1.11	0.61	−2	+39	−13	+19	−12	+2	+0	−26	+7	+22	5	−1.97
34084		07 04 03.83	−82 06 44.4	9.50		H	106.015 946 61	−82.112 347 02		4.46	0.42	−10.44	0.73	0.72	0.80	0.86	0.81	−8	+12	+12	−1	−5	+10	−7	+8	−4	−11	0	0.70
34085		07 04 04.14	+75 13 41.4	7.15		H	106.017 233 64	+75.228 157 79	A	26.89	−92.88	−254.61	1.24	1.61	1.66	1.30	1.69	+11	+17	+13	+15	−6	+6	−7	+8	+12	+4	14	1.79
34086		07 04 05.25	−05 19 26.3	5.63	1	H	106.021 875 58	−05.323 971 00		2.50	−3.57	−3.20	0.66	0.49	0.74	0.61	0.47	−2	+34	+0	−36	−3	−1	−1	−49	+2	+6	0	0.84
34087		07 04 05.87	+75 13 52.2	8.24		G	106.024 471 91	+75.231 154 99	B	29.52	−87.25	−246.97	5.64	6.73	3.72	3.76	4.50	+6	+15	+14	+10	−8	+4	−7	+11	+16	−2	14	1.79
34088		07 04 06.54	+20 34 13.1	4.01	2	H	106.027 230 79	+20.570 299 39		2.79	−5.72	−0.96	0.78	0.49	0.81	0.82	0.58	−1	+44	+1	−8	+10	+2	+4	−37	−9	−4	0	−0.18
34089		07 04 06.85	+45 03 48.4	7.80		H	106.028 535 79	+45.063 440 72		6.18	−16.41	−33.51	0.84	0.59	0.99	1.06	0.75	−13	+21	−1	+3	−2	+8	+3	−41	−2	−1	0	−0.34
34090		07 04 07.58	−37 25 34.8	8.81		H	106.031 599 95	−37.426 333 52		3.73	−15.03	12.32	0.65	0.75	0.88	0.74	1.01	+9	−3	−5	−12	−10	+22	−11	−7	+0	+6	0	2.12
34091		07 04 07.90	+00 01 39.2	8.30		H	106.032 914 30	+00.027 560 18		1.58	−0.42	−1.09	1.08	0.76	1.22	1.06	0.87	−34	+45	−20	−39	+16	−24	+12	−39	+8	−39	2	0.76
34092		07 04 08.70	−64 29 23.9	7.48		H	106.036 269 65	−64.489 980 46		4.75	−6.29	7.29	0.55	0.51	0.54	0.60	0.60	−6	+5	+12	+30	−20	+4	−23	+14	+9	−17	1	−1.03
34093		07 04 09.30	−31 48 14.7	9.62		H	106.038 757 08	−31.804 093 35		3.06	−7.58	4.74	0.72	0.85	1.08	0.88	1.12	+2	+0	−15	+15	−7	−4	−8	−4	−5	+3	0	−0.74
34094		07 04 09.53	+18 40 07.8	7.31		H	106.039 701 40	+18.668 820 38		5.62	10.16	−7.49	0.81	0.50	0.96	1.08	0.71	+1	+16	−4	+12	+5	−44	−3	−22	+9	−20	0	0.91
34095		07 04 10.47	+05 12 46.5	9.08		H	106.043 628 12	+05.212 927 16		22.46	−50.82	10.33	1.13	0.71	1.32	1.22	0.92	−12	+36	−13	−26	−12	−13	−12	−32	+10	−8	0	0.10
34096		07 04 11.55	+79 10 10.4	8.88		H	106.048 108 85	+79.169 554 94		1.88	−0.99	7.87	0.70	0.71	0.96	0.79	0.88	+3	+25	+7	−5	+0	−9	+6	+3	+22	+1	0	1.10
34097		07 04 12.12	−15 19 36.6	8.39		G	106.050 501 22	−15.326 847 18		1.16	−3.87	2.02	0.68	0.76	1.04	0.82	0.89	−47	+24	−23	+5	+30	−15	+25	−27	+2	−47	0	−0.69
34098		07 04 12.73	+42 37 14.1	10.81		H	106.053 035 91	+42.620 575 06		2.33	−5.78	−9.89	1.80	1.28	2.21	2.18	1.45	−25	+27	−20	−16	−16	+7	−3	−46	+20	−2	0	0.29
34099		07 04 13.57	−21 15 57.7	7.64		H	106.056 530 53	−21.266 020 31		2.59	0.16	−4.12	0.42	0.52	0.79	0.55	0.72	−5	+15	−22	−27	+9	−10	+11	−39	+22	+0	1	0.04
34100		07 04 14.33	−02 06 05.3	8.41		H	106.059 717 05	−02.101 472 15		4.59	−12.78	−6.31	0.95	0.67	1.10	0.86	0.65	+16	+40	−6	−35	−23	−19	−24	−38	−4	+24	0	0.54

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
34001	10.626	0.042	9.101	0.020		1.282	0.037	T	1.24	0.04	L	9.1537	0.0024	0.025	85		9.12	9.19					1							
34002	6.134	0.004	5.976	0.006		0.126	0.005	G	0.14	0.01	H	6.0114	0.0007	0.006	67		6.00	6.02		C			1 G							S
34003	10.498	0.044	9.579	0.031		0.814	0.040	T	0.84	0.03	L	9.6302	0.0199	0.115	81		9.53	10.22		P 1 A			1							G
34004	9.798	0.026	8.623	0.016		1.008	0.024	T	0.98	0.02	L	8.6981	0.0022	0.014	66		8.67	8.73		C			1							
34005	7.242	0.008	7.258	0.009	*	−0.046	0.015	G	−0.02	0.01	H *	7.2696	0.0011	0.008	74	*	7.26	7.28		D	07034+0021	H 1	2 C S A	AB	145	0.120	0.008	0.51	0.51	S
34006	6.384	0.003	6.521	0.005		−0.109	0.002	G	−0.09	0.00	H	6.5023	0.0007	0.006	103		6.49	6.51		C			1							S
34007	7.666	0.008	7.490	0.009		0.140	0.015	G	0.15	0.01	H	7.5366	0.0014	0.011	85		7.52	7.56		C			1							S
34008	10.029	0.042	9.757	0.053	B	0.259	0.063	T	0.71	0.02	L *	9.5736	0.0145			B				D	07034−3519	I 2	1 C I A							
34009	10.360	0.057	8.922	0.028	A	1.081	0.197	G	1.02	0.11	S *	8.9705	0.0086	0.023	127	A	8.93	9.02		R	07034−3519	I 2	1 C P A							
34010	9.219	0.025	7.590	0.013		1.344	0.020	G	1.31	0.02	H	7.5723	0.0010	0.009	80		7.56	7.59		C			1							
34011	10.445	0.032	9.685	0.025		0.678	0.031	T	0.74	0.03	L	9.7737	0.0024	0.024	124		9.73	9.82					1							G
34012	9.531	0.023	8.386	0.015		0.984	0.021	T	0.96	0.02	L	8.4351	0.0013	0.012	80		8.42	8.45		C			1							
34013	10.756	0.041	9.404	0.022		1.146	0.036	T	1.11	0.03	L	9.4565	0.0021	0.020	95		9.42	9.50		C			1							
34014	9.520	0.012	8.414	0.008		0.954	0.011	T	0.94	0.01	L	8.4797	0.0019	0.019	192		8.45	8.51					1							S
34015	8.832	0.013	7.424	0.008		1.190	0.012	T	1.15	0.01	L	7.4612	0.0014	0.010	104		7.44	7.48		C			1							S
34016	7.834	0.009	7.552	0.010		0.268	0.013	T	0.30	0.02	L	7.6029	0.0010	0.007	84		7.59	7.62		C			1							S
34017	6.664	0.006	6.002	0.004		0.595	0.008	G	0.74	0.07	F	6.0634	0.0008	0.006	71		6.05	6.08		C			1							S
34018	10.755	0.045	9.571	0.027		1.015	0.041	T	0.99	0.03	L	9.5682	0.0026	0.030	119		9.53	9.62					1							
34019	8.055	0.009	8.050	0.011		0.009	0.013	T	0.03	0.01	L	8.0661	0.0015	0.014	89		8.05	8.10		C			1							S
34020	8.876	0.011	8.270	0.010		0.563	0.011	T	0.64	0.01	L	8.3312	0.0016	0.014	130		8.30	8.36		C			1							S
34021	9.095	0.015	7.971	0.010		0.968	0.014	T	0.95	0.01	L	8.0408	0.0013	0.011	92		8.02	8.06		C			1							
34022	10.558	0.035	8.840	0.015		1.434	0.030	T	1.43	0.05	L	8.8070	0.0019	0.016	118		8.77	8.84		C			1							
34023	9.091	0.010	9.098	0.014		−0.002	0.016	T	0.02	0.01	L	9.1191	0.0016	0.023	165		9.08	9.16					1							
34024	7.763	0.005	7.206	0.005		0.521	0.006	T	0.59	0.01	L	7.2602	0.0012	0.014	209		7.24	7.28					1							S
34025	10.921	0.057	9.718	0.033	*	1.023	0.053	T	1.07	0.06	L *	9.7068	0.0029	0.024	66	*	9.67	9.75		D	07036+3941	I 1	2 C A	AB	174	0.249	0.006	0.26	0.12	
34026	8.034	0.010	7.079	0.009		0.843	0.015	G	0.86	0.04	E	7.1462	0.0010	0.007	77		7.13	7.16		C			1							S
34027	9.690	0.023	8.261	0.013		1.206	0.021	T	1.17	0.02	L	8.3053	0.0013	0.012	77		8.28	8.33					1							
34028	9.039	0.013	8.164	0.010		0.781	0.012	T	0.82	0.01	L	8.2200	0.0013	0.012	134		8.20	8.24					1							
34029	9.608	0.018	8.248	0.011		1.152	0.017	T	1.11	0.01	L	8.2954	0.0020	0.014	90		8.28	8.32		C			1							
34030	9.077	0.019	8.527	0.018		0.559	0.015	G	0.63	0.01	H	8.5802	0.0018	0.013	81		8.55	8.61		C			1							
34031	8.940	0.011	8.353	0.010		0.549	0.011	T	0.62	0.01	L	8.4176	0.0012	0.015	121		8.39	8.44		C			1							
34032	7.083	0.010	7.192	0.012		−0.108	0.007	G	−0.09	0.01	H	7.1750	0.0102	0.072	89		7.08	7.25		U 2 C			1							S
34033	6.952	0.006	5.283	0.004		1.391	0.003	G	1.34	0.04	E	5.2856	0.0006	0.005	79		5.28	5.29		C			1							S
34034	11.940	0.160	10.514	0.068		1.655	0.218	G	2.74	0.65	I	10.4742	0.0076	0.042	75		10.39	10.56					1 X S							G
34035	9.384	0.017	8.925	0.016		0.433	0.021	T	0.50	0.02	L	8.9742	0.0020	0.020	110		8.94	9.00					1							
34036	9.141	0.019	8.600	0.018		0.507	0.023	T	0.58	0.02	L	8.6849	0.0021	0.011	65		8.67	8.71		C			1 X							
34037	9.903	0.019	8.784	0.012		0.964	0.017	T	0.95	0.01	L	8.8742	0.0017	0.022	160		8.83	8.91					1							
34038	7.848	0.015	7.416	0.015		0.408	0.020	T	0.47	0.02	L	7.4844	0.0062	0.070	74		7.36	7.57	69.65	P 1 A			1 S							P
34039	7.140	0.006	7.206	0.008		−0.038	0.015	G	−0.02	0.01	H	7.2000	0.0013	0.010	79		7.18	7.21		C			1							S
34040	9.935	0.034	8.777	0.021		0.987	0.032	T	1.03	0.03	L	8.7636	0.0028	0.024	78		8.73	8.80		U			1							
34041	6.626	0.003	6.828	0.004		−0.166	0.003	G	−0.17	0.00	H	6.7969	0.0007	0.009	244		6.78	6.81					1							S
34042	11.374	0.104	9.980	0.045		1.446	0.013	G	1.44	0.02	H	9.7762	0.0094	0.104	78		9.56	10.03		R 2 C			1 V							G P
34043	8.819	0.016	7.570	0.010		1.065	0.015	T	1.03	0.01	L	7.6326	0.0009	0.009	76		7.62	7.65					1							S
34044	8.201	0.007	8.260	0.009		−0.070	0.015	G	−0.05	0.01	H	8.2869	0.0013	0.019	212		8.26	8.32					1							
34045	3.960	0.002	4.086	0.002		−0.112	0.011	G	−0.09	0.02	A	4.0738	0.0004	0.004	122		4.07	4.08		C			1							S
34046	8.252	0.011	7.762	0.010		0.478	0.015	G	0.55	0.02	H	7.8223	0.0013	0.013	93		7.80	7.85					1							S
34047	8.515	0.007	7.825	0.006		0.649	0.015	G	0.71	0.01	H	7.8865	0.0010	0.012	198		7.87	7.91					1 O							S
34048	7.752	0.006	7.925	0.007		−0.162	0.007	G	−0.17	0.01	H	7.9101	0.0011	0.014	217		7.89	7.94		C			1							S
34049	8.925	0.016	8.918	0.021		0.007	0.023	T	0.03	0.02	L	8.8973	0.0027	0.024	77		8.85	8.92	11.98	P 1 A			1							P
34050	10.012	0.027	8.849	0.017		0.998	0.025	T	0.98	0.02	L	8.9289	0.0016	0.014	93		8.90	8.95		C			1							
34051	9.145	0.012	9.159	0.016		−0.008	0.018	T	0.01	0.02	L	9.1781	0.0025	0.027	156		9.13	9.23					1							
34052	10.224	0.030	8.820	0.016		1.180	0.012	G	1.35	0.02	A	8.8041	0.0017	0.019	114		8.78	8.83		C	07039−4336	I 3	1 G							
34053	8.959	0.014	7.681	0.009		1.088	0.013	T	1.05	0.01	L	7.7308	0.0011	0.010	117		7.71	7.75		C			1							S
34054	10.730	0.033	9.302	0.015		1.205	0.028	T	1.16	0.03	L	9.3372	0.0019	0.022	175		9.30	9.37		C			1							
34055	8.059	0.009	6.182	0.005		1.584	0.005	G	1.59	0.09	H	6.1231	0.0013	0.010	83		6.11	6.14		M			1							S
34056	8.474	0.010	8.398	0.012		0.091	0.015	G	0.10	0.02	H	8.3964	0.0010	0.011	116		8.38	8.41		D			1							
120046	11.203	0.077	9.272	0.024		1.637	0.066	T	2.11	0.14	O	9.1362	0.0024	0.020	96		9.10	9.17					1							
34057	9.794	0.027	8.427	0.016		1.158	0.025	T	1.12	0.02	L	8.4469	0.0019	0.015	71		8.42	8.48		C			1							
34058	8.856	0.014	7.198	0.007		1.410	0.015	G	1.39	0.02	H	7.2074	0.0018	0.010	76		7.19	7.22					1							S
34059	5.091	0.002	4.946	0.002		0.140	0.003	T	0.15	0.00	L	4.9752	0.0006	0.005	118		4.97	4.98		C			1 G							S
34060	9.004	0.013	7.339	0.007		1.392	0.012	T	1.37	0.01	L	7.3367	0.0013	0.011	106		7.32	7.35					1							S
34061	10.204	0.033	8.514	0.015		1.412	0.029	T	1.39	0.04	L	8.4963	0.0012	0.013	84		8.48	8.51		C			1							
34062	9.221	0.013	8.142	0.009	*	0.934	0.012	T	0.93	0.01	L *	8.1855	0.0013	0.012	130	*	8.17	8.21		D	07039−3416	H 1	2 C A	AB	208	0.972	0.024	3.14	0.08	S
34063	9.349	0.015	8.977	0.016		0.408	0.015	G	0.47	0.02	H	9.0218	0.0013	0.016	123		9.00	9.05					1							
34064	10.374	0.036	9.051	0.020		1.123	0.032	T	1.09	0.03	L	9.1563	0.0020	0.016	77		9.13	9.18		C			1							
34065	6.291	0.005	5.606	0.004	A	0.624	0.009	G	0.73	0.03	A	5.7033	0.0320	0.053	112	A	5.59	5.75		D	07039−4336	I 3	1 C P A							S
34066	6.348	0.005	6.427	0.005		−0.067	0.006	T	−0.04	0.01	L	6.4253	0.0009	0.007	76		6.42	6.44		C			1							S
34067	8.041	0.006	8.211	0.008		−0.148	0.009	T	−0.15	0.01	L	8.1928	0.0013	0.014	173		8.17	8.22					1							
34068	8.066	0.008	7.061	0.007		0.878	0.008	T	0.89	0.01	L	7.1227	0.0008	0.007	69		7.11	7.14		C			1							S
34069						0.779	0.020	G	0.83	0.01	L	7.0459	0.0909			B				D	07039−4336	I 3	1 C I A							S
34070	7.514	0.008	7.036	0.006		0.450	0.009	T	0.52	0.01	L	7.0921	0.0008	0.008	88		7.08	7.10		C			1							S
34071	10.941	0.047	10.004	0.032		0.827	0.042	T	0.85	0.03	L	10.0199	0.0020	0.020	139		9.98	10.06		C			1							G
34072	10.006	0.032	7.705	0.011		1.898	0.027	T	1.93	0.03	L	7.5333	0.0037	0.029	85		7.49	7.58		U 2			1 S							
34073	8.490	0.010	8.531	0.013		−0.033	0.015	T	−0.01	0.01	L	8.5183	0.0014	0.012	94		8.50	8.54		C	07040+2414	I 1	1							
34074	8.385	0.006	8.421	0.007		−0.018	0.002	G	0.00	0.00	H	8.4205	0.0015	0.020	246		8.39	8.46					1							
34075	9.910	0.019	9.323	0.018		0.548	0.023	T	0.62	0.02	L	9.3768	0.0015	0.020	153		9.34	9.42		C			1							
34076	8.961	0.014	7.897	0.010		0.922	0.013	T	0.92	0.01	L	7.9679	0.0012	0.007	98		7.96	7.98		C			1							S
34077	8.748	0.014	8.145	0.013		0.581	0.015	G	0.65	0.01	H	8.1888	0.0020	0.013	75		8.16	8.21					1							
34078	9.140	0.014	7.451	0.007		1.411	0.012	T	1.39	0.01	L	7.4562	0.0010	0.010	103		7.44	7.47		C			1							S
34079	8.740	0.013	7.392	0.008		1.143	0.012	T	1.11	0.01	L	7.4466	0.0012	0.009	93		7.43	7.46		C			1							S
34080	7.309	0.009	7.431	0.012		−0.108	0.003	G	−0.09	0.00	H	7.4074	0.0020	0.038	76		7.39	7.54	1.76	P 1 A			1							S
34081	5.461	0.002	5.232	0.002	*	0.198	0.003	G	0.15	0.03	C *	5.2644	0.0007	0.005	126	*	5.25	5.27		D	07040−4220	H 1	2 C B	AB	352	0.223	0.028	3.05	0.28	S
34082	10.100	0.019	9.406	0.016		0.639	0.005	G	0.70	0.00	H	9.4790	0.0022	0.026	207		9.42	9.52			07041+7112	I 1	1 G							
34083	7.760	0.011	6.791	0.010		0.840	0.015	G	0.86	0.01	H	6.8495	0.0018	0.015	66		6.83	6.87		U 2			1							S
34084	10.012	0.023	9.554	0.024		0.432	0.030	T	0.50	0.03	L	9.5995	0.0017	0.017	100		9.56	9.63		C			1							
34085	7.836	0.007	7.196	0.007	A	0.594	0.009	T	0.66	0.01	L	7.2745	0.0072	0.061	161	A	7.24	7.44		D	07041+7514	I 2	1 C P A							S
34086	7.267	0.007	5.758	0.003		1.290	0.002	G	1.14	0.04	E	5.7942	0.0016	0.010	88		5.77	5.81		U 2			1							S
34087	9.140	0.014	8.307	0.011	B	0.750	0.020	G	0.79	0.01	H	8.5128	0.0178			B				D	07041+7514	I 2	1 C I A							S
34088	5.139	0.044	4.106	0.026		0.899	0.038	T	0.90	0.03	L	4.1689	0.0340	0.214	71		3.86	4.33	10.15	P 1 A	07041+2035	I 1	1							S
34089	8.215	0.010	7.838	0.011		0.378	0.015	G	0.44	0.02	H	7.8832	0.0015	0.013	94		7.86	7.91		C			1							S
34090	10.002	0.021	8.912	0.014		0.942	0.019	T	0.93	0.01	L	8.9762	0.0020	0.017	112		8.95	9.00		C			1							
34091	9.623	0.023	8.436	0.014		1.017	0.021	T	0.99	0.02	L	8.4657	0.0015	0.011	73		8.45	8.48		C			1							
34092	7.580	0.006	7.497	0.007		0.075	0.008	T	0.09	0.01	L	7.5147	0.0006	0.009	122		7.49	7.53					1							S
34093	9.603	0.019	9.573	0.026		0.028	0.028	T	0.04	0.02	L	9.6324	0.0027	0.022	124		9.59	9.67		C			1							G
34094	7.420	0.006	7.315	0.008		0.102	0.009	T	0.12	0.01	L	7.3491	0.0011	0.008	80		7.34	7.36					1							S
34095	10.102	0.026	9.175	0.019		0.806	0.025	T	0.83	0.02	L	9.2178	0.0024	0.022	97		9.18	9.26					1							
34096	10.579	0.031	8.989	0.014		1.333	0.027	T	1.30	0.03	L	9.0379	0.0020	0.019	126		9.01	9.07					1							
34097	8.368	0.012	8.351	0.015		0.001	0.001	G	0.02	0.00	H	8.3916	0.0015	0.015	126		8.36	8.42					1							
34098	11.233	0.058	10.756	0.062		0.495	0.072	G	0.57	0.08	R	10.9226	0.0042	0.041	124		10.86	11.00		C			1							G
34099	7.625	0.004	7.641	0.006		−0.009	0.001	G	0.01	0.00	H	7.6482	0.0009	0.012	208		7.63	7.68					1							S
34100	8.596	0.012	8.454	0.014		0.137	0.017	T	0.15	0.02	L	8.4561	0.0014	0.015	81		8.43	8.48		C			1							

Number HIP		Descriptor: epoch J1991.25 RA (h m s)	Dec (±° ′ ″)	V (mag)			Position: epoch J1991.25 α (ICRS) (deg)	δ (deg)		Par. π (mas)	Proper Motion μα* (mas/yr)	μδ (mas/yr)	Standard Errors α* (mas)	δ (mas)	π (mas)	μα* (mas/yr)	μδ (mas/yr)	Astrometric Correlations (%) δ/α*	π/α*	π/δ	μα*/α*	μα*/δ	μα*/π	μδ/α*	μδ/δ	μδ/π	μδ/μα*	Soln F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
34101		07 04 15.07	+75 24 40.7	6.99	1	H	106.062 779 74	+75.411 291 68		3.63	−5.60	−7.07	0.46	0.55	0.73	0.52	0.65	+19	+21	+6	+12	−5	+3	−1	+9	+15	+25	0	−1.69
34102		07 04 16.23	+01 30 26.9	7.65	1	H	106.067 618 96	+01.507 458 96		1.87	−2.67	−2.51	0.89	0.65	1.01	0.99	0.79	−8	+24	+1	−33	−1	−2	−3	−45	−5	−14	0	1.02
34103	H	07 04 17.10	+37 33 50.4	6.62		G	106.071 247 17	+37.563 990 59	*	1.42	−4.79	−10.29	0.96	0.60	0.97	1.62	0.90	+26	+19	−17	−18	−42	+24	−25	−56	+18	+58	2	4.31
34104		07 04 17.78	−10 30 24.6	10.95		G	106.074 082 27	−10.506 827 27		64.96	−118.40	−817.34	2.26	2.00	2.74	2.96	2.31	+10	+22	+5	−17	−10	−9	−11	−35	+8	−17	0	0.70
34105		07 04 18.32	−56 44 59.0	5.14	1	H	106.076 329 05	−56.749 731 30		11.55	10.99	2.85	0.42	0.43	0.46	0.47	0.54	−5	+3	+12	+21	−16	+5	−14	−6	−13	−7	0	1.40
34106		07 04 19.60	+04 01 25.8	7.35		H	106.081 670 42	+04.023 830 96		4.61	−10.53	44.83	0.77	0.52	0.88	0.81	0.62	−17	+22	−26	−35	−9	−2	−8	−37	+16	−4	0	2.20
34107		07 04 20.18	+01 29 18.6	6.57		H	106.084 072 19	+01.488 503 26		3.92	−4.18	−5.13	0.81	0.58	0.91	0.86	0.69	−4	+29	−1	−33	−3	−4	−5	−46	+1	−15	0	1.75
34108		07 04 20.50	−30 46 29.7	7.92		H	106.085 412 92	−30.774 913 55		3.61	−10.05	5.78	0.49	0.58	0.76	0.56	0.80	+6	+9	−8	+17	−2	+16	−2	+20	−7	+12	0	−0.23
34109		07 04 20.90	−39 55 11.5	8.45		H	106.087 095 21	−39.919 850 13		4.01	−8.01	19.47	0.59	0.64	0.74	0.60	0.71	+0	+5	−4	+11	−10	+10	−10	+7	+6	−10	0	−0.48
34110	H	07 04 20.92	−03 03 02.2	8.17		G	106.087 179 56	−03.050 620 38	A	19.87	−49.87	−22.06	3.17	1.66	1.93	1.75	1.33	−27	+12	−24	−32	+13	−8	+7	−37	+6	−3	0	1.40
34111		07 04 22.08	−09 06 17.3	8.21		H	106.092 003 31	−09.104 793 05		3.72	−7.55	0.03	0.93	0.74	1.10	1.04	0.86	+6	+35	−9	−29	−10	−4	−8	−48	+0	+18	2	−0.95
34112		07 04 22.65	+04 34 19.6	7.46		H	106.094 356 64	+04.572 110 99		3.93	−15.16	−7.53	0.79	0.50	0.90	0.75	0.58	−5	+37	−18	−35	−17	−18	−19	−37	+9	−3	0	−0.75
34113		07 04 25.03	−43 44 10.6	8.07		G	106.104 292 33	−43.736 285 92		4.90	−12.51	6.95	0.60	0.70	0.75	0.63	0.95	−3	−5	−3	+11	−3	−1	−2	+17	−16	−1	0	−1.29
34114		07 04 25.10	+68 53 45.4	8.10		H	106.104 600 98	+68.895 947 12		10.25	45.84	−1.54	0.52	0.70	0.98	0.48	0.67	+17	+17	−5	−5	−7	−3	−6	−22	+3	+24	0	−1.03
34115		07 04 25.40	+68 17 19.2	11.95		G	106.105 815 65	+68.288 669 68		65.44	346.92	54.34	1.73	2.02	2.88	1.57	2.07	+15	+14	−5	−42	−1	−12	+1	−18	+8	+14	1	1.47
34116	H	07 04 25.53	−10 27 15.8	6.97	2	G	106.106 386 69	−10.454 378 99	A	4.05	−2.21	2.86	1.38	1.11	1.35	1.45	1.07	+21	+1	−20	−59	−18	+24	−12	−64	+19	+2	8	0.85
34117	H	07 04 27.05	−21 08 14.9	11.08	2	H	106.112 687 86	−21.137 460 92	*	2.15	−13.45	−7.24	3.91	5.08	4.18	2.83	3.61	−44	+8	−8	−15	+16	−13	+16	−22	+14	−16	1	−0.49
34118		07 04 27.12	−42 46 43.4	8.55		H	106.112 991 17	−42.778 719 70		2.96	−1.78	4.72	0.66	0.70	0.83	0.68	0.91	−4	−9	−9	−1	−8	+13	−6	+12	−29	−8	0	−0.48
34119		07 04 27.94	−75 13 52.8	8.25	2	H	106.116 427 23	−75.231 330 14		1.25	1.15	3.63	0.62	0.61	0.63	0.65	0.68	+1	+6	+7	−20	−6	+12	−9	−30	+5	−12	0	2.16
34120	H	07 04 30.00	+41 37 01.4	9.76		H	106.125 013 51	+41.617 063 94	A	6.09	0.89	−5.58	3.41	2.38	3.80	3.64	2.51	−19	+31	−32	−17	−34	+11	−19	−42	+25	−7	2	0.75
34121		07 04 30.73	+08 14 54.7	7.85		H	106.128 028 20	+08.248 525 51		4.41	−8.88	−12.76	0.82	0.53	0.96	0.91	0.72	−25	+40	−17	−3	−9	−11	−16	−18	−7	−25	0	−0.08
34122		07 04 31.35	−60 28 02.3	9.08	2	H	106.130 634 94	−60.467 301 71		0.01	−1.69	6.72	0.73	0.84	0.84	0.85	0.97	−8	−1	+27	+13	−1	+13	−8	−13	+0	−21	0	0.81
34123		07 04 31.85	−17 24 29.8	8.72		G	106.132 715 93	−17.408 264 91		1.07	0.47	−1.49	0.79	0.81	1.12	0.91	0.89	−12	+24	−32	+10	+6	−18	−4	−3	−9	−14	0	−0.87
34124		07 04 32.94	+73 25 40.5	7.60		H	106.137 259 16	+73.427 907 16		2.89	−14.90	−11.03	0.46	0.62	0.82	0.50	0.71	+15	+8	+19	−1	+9	+7	+7	−11	−14	+17	0	1.81
34125		07 04 33.47	−58 49 47.2	8.28		H	106.139 454 17	−58.829 790 01		3.67	−15.04	27.98	0.56	0.61	0.61	0.64	0.77	−9	+0	+14	+17	−11	−16	−10	+19	+0	−18	0	0.23
34126		07 04 35.13	−68 14 54.9	8.31	2	H	106.146 391 26	−68.248 572 74		1.97	−17.16	11.45	0.70	0.58	0.66	0.85	0.72	+8	+18	+3	−4	−11	−2	−11	−3	+4	−2	0	0.74
34127		07 04 35.72	−32 00 29.0	7.82		H	106.148 828 67	−32.008 052 77		2.57	−6.33	2.22	0.50	0.56	0.71	0.62	0.72	−3	+1	−13	−4	−1	+4	−1	−19	+18	−3	0	1.16
34128		07 04 36.34	+17 02 37.7	8.66		H	106.151 429 16	+17.043 810 32		2.30	−6.63	−14.68	1.12	0.70	1.31	1.26	0.91	−16	+28	−23	−18	−3	−33	−14	−28	+8	−18	0	0.62
34129		07 04 36.60	+03 07 42.7	8.87		H	106.152 516 69	+03.128 527 36		2.75	−3.74	0.28	1.15	0.70	1.40	1.26	1.02	−22	+52	−13	−28	+1	−18	+7	−31	+12	+8	0	1.39
34130		07 04 37.11	+18 43 26.1	8.62		H	106.154 621 50	+18.723 930 43		5.91	8.16	−20.25	1.09	0.68	1.26	1.38	0.95	−1	+18	−11	+3	+8	−38	−4	−26	+7	−24	0	0.78
34131		07 04 37.89	+38 58 55.6	9.42		H	106.157 861 72	+38.982 115 83		4.99	−6.99	−31.95	1.45	0.92	1.70	2.18	1.44	+8	+9	−18	+2	−17	+30	−4	−39	+27	+34	0	−1.11
34132		07 04 38.10	−81 29 59.0	8.67		H	106.158 769 29	−81.499 712 61		4.53	−10.15	21.40	0.67	0.62	0.70	0.75	0.67	−3	+22	+7	+11	−10	+14	−11	+22	−3	−12	1	−0.61
34133	H	07 04 38.30	−11 31 26.6	7.22		G	106.159 601 13	−11.524 067 58	A	0.47	−2.80	2.83	1.16	0.96	1.23	1.36	1.06	+6	+4	−14	−26	−31	+27	−24	−28	+20	+14	2	1.35
34134		07 04 39.75	−43 34 53.4	8.33		H	106.165 616 57	−43.581 503 31		5.36	10.84	9.01	0.60	0.75	0.80	0.65	0.96	+5	+2	−11	+6	−4	+12	−3	+26	−24	+0	0	1.66
34135		07 04 40.19	−08 50 45.1	8.35		H	106.167 439 13	−08.845 864 91		−0.61	0.04	−0.07	1.04	0.90	1.22	1.28	1.07	+30	+21	−25	−46	−39	+11	−30	−59	+24	+47	4	1.19
34136		07 04 40.38	+35 34 45.5	8.58		H	106.168 230 89	+35.579 312 62		14.27	−5.85	−12.21	1.49	0.63	1.33	1.37	0.79	+21	+61	−2	+30	+10	−4	+15	−12	+15	+23	0	−0.02
34137		07 04 41.36	−40 29 02.6	7.10		H	106.172 348 67	−40.484 041 85		1.86	4.66	15.29	0.45	0.54	0.59	0.47	0.62	−6	+12	−10	−7	+4	+2	+5	−8	+9	−14	0	−2.45
34138		07 04 44.46	−31 56 43.7	7.35		G	106.185 270 48	−31.945 469 72		11.45	−20.43	6.68	0.46	0.51	0.66	0.56	0.61	+5	−7	−11	+0	−14	+6	−13	−14	+13	+6	0	1.03
34139		07 04 44.53	−27 08 52.6	9.41		H	106.185 533 80	−27.147 954 30		2.46	−2.49	2.25	0.77	0.84	1.26	0.92	1.01	+14	+24	+2	+29	−3	+16	+2	−13	+6	+22	0	1.28
34140		07 04 45.10	+35 31 50.2	7.81		H	106.187 907 35	+35.530 605 81		4.73	−13.40	−35.57	1.08	0.57	1.08	1.25	0.66	+5	+42	−15	+27	−8	−5	+4	−18	+11	+28	0	−1.26
34141		07 04 45.30	+36 36 01.1	7.89		H	106.188 768 74	+36.600 299 80		3.72	3.35	−23.45	1.09	0.57	1.09	1.45	0.78	+1	+40	−8	+20	−18	−8	−1	−23	+4	+37	6	0.37
34142		07 04 47.04	−22 01 53.8	6.09		G	106.196 010 08	−22.031 601 73		9.89	14.49	−35.48	0.36	0.43	0.70	0.45	0.60	+22	+8	−7	−13	+10	−4	+12	−21	+4	+24	0	−0.01
34143		07 04 48.29	+13 14 19.2	9.09		H	106.201 199 21	+13.238 671 79		3.65	−7.58	−5.29	1.14	0.75	1.30	1.20	0.83	−11	+33	+2	−17	+7	−33	+5	−32	−11	−5	2	0.15
34144		07 04 48.31	+06 39 20.8	8.64		H	106.201 271 41	+06.655 765 49		1.65	−1.25	−2.42	0.91	0.59	1.13	1.08	0.79	−27	+31	−26	−34	+2	−30	−5	−33	+5	−2	2	0.98
34145		07 04 49.07	+30 17 07.1	9.62		H	106.204 465 81	+30.285 304 01		13.99	−52.68	17.72	1.59	0.79	1.57	1.90	1.15	+10	+46	−2	+30	+9	−2	+22	−12	+13	+31	0	−0.21
34146		07 04 49.39	−16 17 04.5	8.05		H	106.205 800 89	−16.284 587 58		15.74	22.03	−89.71	0.65	0.68	0.91	0.83	0.81	−32	+16	−14	+6	+16	−12	+11	−24	+8	−42	0	0.24
34147		07 04 49.78	−49 49 22.7	9.18		H	106.207 397 21	−49.822 983 64		10.83	−13.49	−120.15	0.81	0.79	0.90	0.91	0.89	+3	+7	−1	−3	−14	+8	−15	−12	−2	−9	0	−0.43
34148		07 04 50.97	+75 39 59.2	9.16		H	106.212 357 46	+75.666 450 72		2.47	4.80	5.80	0.82	0.87	1.22	0.92	0.96	+18	+32	+16	+17	−13	−1	−8	+5	+15	+2	0	3.21
34149		07 04 52.35	−13 08 50.5	9.00		H	106.218 131 20	−13.147 366 80		1.44	−2.57	6.54	1.20	0.97	1.31	1.16	0.95	+7	+12	−30	−51	−13	−14	−16	−46	+21	+6	0	−0.51
34150		07 04 52.39	+37 46 12.5	8.95		H	106.218 272 93	+37.770 131 33		3.43	−2.55	−2.98	1.29	0.81	1.40	2.14	1.41	+22	+20	−28	−22	−44	+29	−25	−57	+29	+57	0	1.18
34151		07 04 53.42	+01 33 52.2	8.90		H	106.222 598 45	+01.564 500 19		2.88	0.79	−0.30	1.38	0.98	1.54	1.65	1.27	−25	+10	+9	−46	+14	+4	+11	−54	−9	−32	0	0.17
34152		07 04 53.61	−20 49 48.3	6.89	2	H	106.223 388 27	−20.830 097 20		0.32	−1.44	3.84	0.51	0.62	0.88	0.59	0.80	−33	+26	−25	−14	−3	−22	−6	−5	+16	−32	0	1.24
34153		07 04 54.18	−26 36 38.9	9.07		H	106.225 750 93	−26.610 797 04		2.55	−2.98	4.22	0.60	0.71	1.06	0.79	1.02	+5	+5	−17	+12	−8	+15	−2	−3	+15	+28	0	0.28
34154	H	07 04 55.00	+72 40 10.0	8.85		H	106.229 154 94	+72.669 445 35	A	12.02	−3.11	−42.96	1.13	1.50	1.80	1.06	1.41	+20	+8	+14	+14	+1	−15	+4	+0	−1	+15	1	0.50
34155		07 04 58.16	−33 29 47.5	8.55		H	106.242 340 09	−33.496 537 68		5.12	−27.27	−1.59	0.58	0.73	0.86	0.64	0.82	+1	+13	−1	+16	−7	+15	−6	+7	+8	+1	0	−0.11
34156		07 04 58.22	−05 47 57.2	8.64	1	H	106.242 593 48	−05.799 233 72		3.02	−5.65	−4.10	1.03	0.79	1.24	0.98	0.81	−22	+40	−22	−25	+13	−7	+14	−33	+4	+10	0	−0.05
34157		07 04 58.27	+12 05 40.6	9.31		H	106.242 784 47	+12.094 614 47		0.89	−4.70	−6.15	1.13	0.70	1.26	1.26	0.95	−6	+38	−14	−26	−13	−27	−13	−24	+16	−13	0	2.42
34158		07 04 58.58	+39 07 16.1	9.85		H	106.244 084 62	+39.121 142 04		6.62	13.68	16.30	1.68	1.03	2.02	2.56	1.50	−4	+3	−14	+0	−19	+37	−6	−45	+14	+22	5	0.07
34159		07 04 58.94	−08 27 03.3	9.01		G	106.245 600 95	−08.450 914 51		0.66	−0.39	0.05	1.19	0.92	1.23	1.55	1.15	+27	+24	−4	−38	−29	+3	−27	−49	+3	+20	0	0.63
34160		07 04 59.24	+30 21 44.5	7.29		H	106.246 825 52	+30.362 350 64		5.01	−11.32	−4.61	1.04	0.56	1.02	1.38	0.78	+8	+33	−21	+43	+11	+2	+28	−2	+17	+43	0	2.32
34161		07 05 00.21	−31 31 33.8	7.74	2	H	106.250 895 01	−31.526 066 52		1.66	−3.46	2.19	0.51	0.59	0.75	0.66	0.73	+3	+4	−7	+16	−15	+9	−13	−6	+4	+6	0	−0.01
34162		07 05 01.85	+14 13 41.8	8.28		H	106.257 727 37	+14.228 284 32		4.04	−4.79	−14.49	0.95	0.57	1.01	0.89	0.62	+7	+37	−6	−20	−6	−18	−7	−32	+6	−4	0	1.71
34163		07 05 03.47	−23 56 15.9	9.75		H	106.264 448 91	−23.937 737 37		0.98	1.02	−2.37	0.89	1.11	1.54	1.23	1.53	+2	+3	−25	+2	+3	+0	+3	−6	+0	+5	1	2.61
34164		07 05 04.12	+01 23 52.5	8.47		H	106.267 149 17	+01.397 930 35		12.46	5.82	−236.63	1.83	1.39	2.16	2.10	1.76	−23	+24	−4	−31	+9	−10	+7	−40	−3	−21	0	
34165		07 05 05.56	−20 12 08.9	7.01		H	106.273 149 24	−20.202 474 79		1.09	−3.46	1.17	0.54	0.63	0.93	0.62	0.73	−47	+35	−27	−8	+12	−25	+12	−16	+16	−33	0	0.42
34166		07 05 06.09	−21 27 00.9	6.68		H	106.275 395 31	−21.450 261 44		7.58	−4.90	34.96	0.42	0.52	0.85	0.55	0.76	+12	+9	−20	−10	+10	−6	+12	−17	+7	+24	0	0.02
34167		07 05 06.95	−25 06 02.1	8.28		G	106.278 975 94	−25.100 571 37		1.44	−3.28	2.68	0.43	0.63	0.91	0.43	0.82	+8	+4	−10	+44	−10	−6	−15	+18	−11	+19	1	0.07
*34168		07 05 08.99	+47 46 30.2	6.37		H	106.287 450 32	+47.775 043 47		2.36	0.28	0.09	0.71	0.52	0.81	0.88	0.58	−24	+22	−18	−33	+1	+12	+7	−55	+2	−8	0	0.65
*34169	H	07 05 08.98	+70 38 42.3	8.93		H	106.287 403 73	+70.645 093 88	A	4.04	2.26	5.02	0.77	1.20	1.47	0.81	1.20	+10	+9	+11	+26	+3	+19	+9	+8	+15	+26	0	−0.51
34170	H	07 05 10.18	−00 51 56.0	7.77		G	106.292 409 08	−00.865 565 89	A	8.05	3.59	0.62	1.74	1.21	1.71	1.91	1.45	−4	+15	−18	−43	−4	−15	−8	−37	−3	+5	2	−0.10
34171		07 05 11.92	+71 27 32.5	8.87		H	106.299 660 11	+71.459 015 14		6.79	7.06	−30.57	0.59	0.78	1.12	0.69	0.84	+25	+22	+17	+20	+12	+2	+13	+2	−4	+36	1	0.10
34172		07 05 14.92	+19 49 28.6	8.82		H	106.312 171 44	+19.824 620 30		2.29	3.93	−3.63	0.99	0.65	1.05	1.04	0.74	+0	+12	−8	−19	+7	−10	+2	−41	−9	−12	0	−1.46
34173		07 05 15.33	+07 12 31.9	8.74		H	106.313 877 63	+07.208 847 38		3.86	−8.59	0.72	1.16	0.71	1.38	1.28	1.01	−44	+43	−28	−27	+8	−22	+3	−32	+11	−33	0	0.47
34174		07 05 15.62	+55 42 28.8	8.16		H	106.315 091 70	+55.707 992 80		3.54	−1.99	−29.82	0.78	0.59	0.99	0.86	0.66	−21	+31	−14	+33	+28	+4	+23	−18	+3	−28	0	1.05
34175		07 05 15.88	−19 51 15.3	9.21		G	106.316 165 43	−19.854 237 06		−0.48	−4.01	4.48	0.75	0.88	1.24	0.91	0.98	−40	+26	−12	−8	+23	−10	+22	−36	−13	−23	0	1.26
34176		07 05 15.91	−16 31 14.0	8.70		G	106.316 295 60	−16.520 545 81		2.17	−3.07	−0.03	0.71	0.73	1.00	0.87	0.83	−25	+14	−22	+8	+19	−22	+10	−23	+9	−40	0	1.39
34177		07 05 16.39	−50 21 36.5	6.47		H	106.318 303 26	−50.360 137 94		4.14	−24.40	39.58	0.49	0.43	0.52	0.54	0.46	−2	+17	−1	+0	−9	+4	−10	+2	−7	−13	0	0.05
34178		07 05 16.75	−12 19 34.5	7.98		G	106.319 793 40	−12.326 250 90		2.21	−5.43	1.73	0.86	0.69	1.01	0.95	0.77	+12	+34	−10	−16	−17	+0	−11	−37	+9	+21	2	−0.06
34179	H	07 05 17.00	−34 08 36.5	7.50		H	106.320 821 47	−34.143 470 53	*	10.35	−39.03	50.58	0.54	0.61	0.75	0.60	0.66	+6	+8	+14	+28	−4	+18	−6	+12	+13	+2	1	2.99
34180		07 05 17.06	+23 10 02.5	8.84		H	106.321 095 06	+23.167 368 51		1.92	−6.41	−3.99	1.28	0.74	1.24	1.83	0.96	+39	+14	−24	−26	−35	−10	−29	−50	+6	+65	0	−0.84
34181		07 05 18.14	+07 12 34.6	8.78		H	106.325 595 32	+07.209 613 89		4.24	−10.25	18.45	1.10	0.69	1.31	1.26	0.99	−46	+41	−26	−28	+13	−25	+7	−34	+11	−39	0	0.17
34182		07 05 18.37	+22 38 14.9	6.00		H	106.326 543 07	+22.637 481 09		6.82	−0.95	−9.30	0.91	0.56	0.80	1.13	0.65	+47	+7	−27	−47	−52	+14	−46	−62	+17	+62	0	0.20
34183		07 05 21.51	+00 53 44.7	8.50		H	106.339 614 54	+00.895 747 05		2.64	−2.34	0.91	1.08	0.71	1.22	1.05	0.83	−19	+49	−11	−32	+10	−13	+11	−42	+12	−30	0	0.20
34184		07 05 21.71	−52 36 34.3	7.71		H	106.340 452 11	−52.609 537 77	A	1.17	−5.14	7.76	1.56	1.43	1.26	1.54	1.59	−12	+33	−1	−5	+2	−5	+4	−7	+6	−33	2	0.97
34185		07 05 21.85	−08 07 59.4	7.14		H	106.341 027 83	−08.133 166 82		2.19	−4.19	−1.89	0.91	0.72	1.03	1.11	1.01	+3	+42	−6	−30	−4	−11	−9	−51	−9	+4	0	0.77
34186		07 05 22.04	−59 23 28.5	8.82		H	106.341 814 08	−59.391 262 90		4.42	−6.95	22.24	0.67	0.72	0.74	0.77	0.88	−7	+0	+20	+9	−11	−18	−7	+15	+8	−28	0	1.66
34187		07 05 22.07	−30 31 11.4	8.60		H	106.341 950 39	−30.519 824 37		2.46	1.92	9.64	0.65	0.74	0.97	0.70	0.98	−3	+16	−20	+20	+8	+12	+15	−3	+8	+5	0	−0.76
34188		07 05 22.48	+02 15 38.6	8.70	2	H	106.343 650 26	+02.260 712 21		0.83	−5.09	−0.97	1.00	0.68	1.15	1.22	0.99	+2	+23	+1	−38	−11	−22	−14	−44	−7	+5	0	1.61
34189		07 05 22.70	+11 18 04.6	8.86		H	106.344 573 97	+11.301 284 23		−1.68	−0.53	−3.98	1.14	0.71	1.26	1.15	0.87	+9	+41	−4	−28	−16	−29	−19	−33	+3	−1	0	0.83
34190		07 05 23.09	−50 03 29.3	9.01		H	106.346 191 21	−50.058 142 50		3.21	10.05	29.94	0.84	0.77	0.92	0.99	0.84	+2	+13	+5	−10	−12	+6	−12	−10	−10	−12	0	−0.10
34191		07 05 24.11	−52 36 35.2	11.23		H	106.350 475 55	−52.609 766 49	B	1.17	−5.14	7.76	70.41	71.60	1.26	1.54	1.59	−8	−1	+1	−2	+0	−5	+1	+0	+6	−33	2	0.97
34192		07 05 24.14	−38 14 02.0	7.80		G	106.350 583 75	−38.233 895 25		4.99	−1.94	−10.86	0.51	0.55	0.67	0.57	0.60	+9	+6	+19	+1	−6	+13	−9	+1	−4	−2	0	−1.08
34193		07 05 25.59	−14 14 46.7	10.81		G	106.356 639 32	−14.246 300 05		7.44	−29.26	98.97	2.11	1.64	2.13	2.18	1.89	−18	+15	−5	−55	+12	−18	+13	−45	+8	−28	0	−1.09
34194		07 05 27.96	−61 24 09.3	8.27		H	106.366 489 15	−61.402 572 59		2.98	2.11	45.21	0.63	0.66	0.68	0.67	0.83	−3	−9	+12	−6	−8	+13	−13	−8	+3	−24	0	0.04
34195		07 05 29.22	−29 04 10.0	8.34		H	106.371 747 51	−29.069 451 48		5.05	−10.15	22.22	0.58	0.64	0.93	0.69	0.80	+2	+10	−9	+8	+8	+0	+9	+11	+5	+0	0	−0.58
34196		07 05 29.49	−54 07 12.4	8.16		H	106.372 875 34	−54.120 118 72		1.59	−2.69	8.28	0.64	0.59	0.65	0.70	0.72	−21	+12	−2	−29	+10	+1	+15	−11	+17	−37	0	−1.17
34197		07 05 30.98	−47 42 10.9	8.55		H	106.379 087 48	−47.703 025 16		4.52	2.48	24.45	0.71	0.78	0.82	0.76	1.00	−4	+6	−10	−25	−1	+11	+2	−10	−8	−22	0	1.06
34198		07 05 31.53	+40 20 19.5	8.77		H	106.381 381 22	+40.338 748 28		5.44	2.47	9.14	1.21	0.70	1.32	1.51	0.87	−11	+44	−4	+15	−11	−6	−1	−29	+3	+5	0	0.40
34199		07 05 31.80	−23 12 52.4	8.74		H	106.382 480 40	−23.214 559 00		1.67	−4.32	−3.66	0.63	0.74	1.16	0.85	1.01	+5	+11	−11	−13	+16	−9	+14	−13	−10	+8	0	1.75
34200	H	07 05 32.05	−34 46 40.1	6.15		G	106.383 535 93	−34.777 797 61	A	17.96	−41.16	40.13	0.69	0.77	0.79	0.67	0.71	+5	+9	+8	+6	−4	+17	−10	+17	+7	+6	2	0.78

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
34101	8.187	0.008	7.096	0.005		0.943	0.007	T	0.93	0.01	L	7.1522	0.0020	0.018	170		7.13	7.18		U 2			1							S P
34102	7.569	0.023	7.641	0.031		−0.044	0.015	G	−0.02	0.01	H	7.6392	0.0020	0.015	78		7.61	7.67		U 2	07043+0130	I 2	1							S
34103	7.681	0.009	6.721	0.006	*	0.928	0.010	G	0.92	0.01	H	* 6.7504	0.0009	0.008	75	*	6.74	6.76		D	07043+3734	M 1	2 C S A	BA	0	0.177	0.004	1.20	0.12	S
34104						1.535	0.020	G	2.55	0.00	A	11.2534	0.0045	0.037	73		11.19	11.31		D			1							D
34105	5.112	0.002	5.150	0.002		−0.032	0.002	T	−0.01	0.00	L	5.1422	0.0011	0.009	123		5.13	5.16	3.28	P 1 A			1 G							S P
34106	8.655	0.012	7.472	0.008		1.014	0.011	T	0.99	0.01	L	7.5189	0.0011	0.008	94		7.50	7.53		C			1							S
34107			6.568	0.006		0.010	0.000	G	0.03	0.00	H	6.5855	0.0010	0.008	82		6.57	6.60			07043+0130	I 2	1							S
34108	7.826	0.007	7.909	0.009		−0.074	0.008	G	−0.05	0.01	H	7.9027	0.0011	0.012	147		7.88	7.92		C			1							S
34109	9.054	0.012	8.510	0.011		0.517	0.012	T	0.59	0.01	L	8.5663	0.0014	0.014	130		8.54	8.60					1							
34110	9.051	0.015	8.271	0.012	*	0.697	0.016	G	0.75	0.01	H	* 8.3192	0.0018	0.017	86	*	8.29	8.34		D	07043−0303	I 1	2 C A	AB	274	0.397	0.005	0.64	0.05	
34111	8.362	0.012	8.196	0.013		0.120	0.015	G	0.13	0.01	H	8.2530	0.0017	0.013	72		8.23	8.29		C			1							
34112	7.429	0.006	7.467	0.007		−0.030	0.008	T	−0.01	0.01	L	7.4634	0.0007	0.008	91		7.45	7.48		C	07044+0434	I 1	1							S
34113	8.077	0.008	8.072	0.010		−0.009	0.003	G	0.01	0.00	H	8.0741	0.0015	0.014	112		8.06	8.10		C			1							S
34114	8.722	0.008	8.146	0.008		0.538	0.010	T	0.61	0.01	L	8.2128	0.0014	0.016	182		8.19	8.24					1							S
34115						1.527	0.020	G	2.28	0.14	I	11.9933	0.0068	0.061	140		11.86	12.08					1							D
34116	7.453	0.013	7.076	0.014	*	0.357	0.018	T	0.42	0.02	L	* 7.0635	0.0094	0.114	78	*	7.03	7.27		U 2 C	07044−1027	I 1	2 C A	AB	298	0.654	0.004	1.41	0.02	S
34117	11.502	0.073	10.936	0.069	*	−0.082	0.003	G	−0.06	0.00	H	* 11.0573	0.0049	0.070	195	*	10.92	11.21		U	07045−2108	H 1	2 C B	AB	37	0.278	0.018	0.78	0.18	G
34118	9.926	0.026	8.665	0.016		1.075	0.024	T	1.04	0.02	L	8.7171	0.0019	0.017	113		8.69	8.75		C			1							
34119	10.383	0.029	8.484	0.012		1.611	0.026	T	2.47	0.05	O	8.2751	0.0020	0.028	119		8.24	8.32		U 2			1							
34120	10.677	0.048	10.161	0.047	A	0.400	0.495	G	0.48	0.07	B	* 9.8556	0.0028	0.023	100	*	9.81	9.91		D	07045+4137	I 1	2 C A	AB	232	7.641	0.008	0.65	0.03	
34121	8.016	0.007	7.873	0.008		0.138	0.010	T	0.15	0.01	L	7.9032	0.0016	0.015	106		7.88	7.93					1							S
34122	11.087	0.056	9.372	0.022		1.459	0.050	T	3.07	0.08	O	8.9738	0.0202	0.106	96		8.83	9.12		U 2			1 S							P
34123	8.605	0.012	8.699	0.017		−0.080	0.000	G	−0.06	0.00	H	8.7015	0.0025	0.019	87		8.67	8.74		C			1							
34124	8.772	0.009	7.702	0.006		0.927	0.008	T	0.92	0.01	L	7.7593	0.0009	0.013	167		7.74	7.79					1							S
34125	8.298	0.009	8.281	0.011		0.016	0.012	T	0.04	0.01	L	8.2963	0.0011	0.013	129		8.27	8.32		C			1							S
34126	10.319	0.030	8.549	0.013		1.504	0.027	T	2.69	0.04	O	8.2830	0.0035	0.035	109		8.21	8.34		U 2			1 S							
34127	7.762	0.006	7.807	0.008		−0.036	0.009	T	−0.01	0.01	L	7.8187	0.0010	0.010	121		7.80	7.84					1							S
34128	9.841	0.025	8.774	0.017		0.924	0.023	T	0.92	0.02	L	8.8220	0.0022	0.015	77		8.79	8.85		C			1							
34129	10.375	0.034	8.963	0.018		1.193	0.030	T	1.15	0.03	L	9.0263	0.0020	0.017	81		8.99	9.05		C			1							
34130	9.177	0.018	8.656	0.018		0.489	0.023	T	0.56	0.02	L	8.7291	0.0017	0.016	74		8.71	8.75		C			1							
34131	10.129	0.035	9.455	0.030		0.624	0.038	T	0.69	0.03	L	9.5513	0.0022	0.019	69		9.53	9.59		C			1							
34132	8.806	0.011	8.670	0.013		0.123	0.016	T	0.14	0.02	L	8.7167	0.0017	0.015	110		8.69	8.74		C			1							
34133	7.162	0.010	7.201	0.012	*	0.004	0.000	G	0.02	0.00	H	* 7.2277	0.0018	0.013	81	*	7.21	7.25		D	07046−1131	I 1	2 C A	AB	149	5.346	0.008	2.20	0.04	S
34134	9.818	0.022	8.463	0.013		1.148	0.020	T	1.11	0.02	L	8.4969	0.0016	0.016	111		8.47	8.52		C			1							
34135	8.677	0.012	8.391	0.013		0.298	0.013	G	0.34	0.02	H	8.4306	0.0015	0.012	79		8.41	8.46		C			1							
34136	9.457	0.025	8.720	0.021		0.675	0.026	T	0.73	0.02	L	8.7207	0.0020	0.011	74		8.69	8.74		C			1 G							
34137	8.752	0.010	7.238	0.006		1.273	0.009	T	1.23	0.01	L	7.2591	0.0009	0.008	129		7.25	7.28					1							S
34138	7.841	0.007	7.381	0.008		0.458	0.006	G	0.53	0.01	H	7.4438	0.0010	0.010	130		7.43	7.46					1							S
34139	9.242	0.013	9.355	0.019		−0.097	0.020	T	−0.08	0.02	L	9.3802	0.0026	0.025	176		9.32	9.42					1							
34140	8.122	0.012	7.857	0.011		0.265	0.004	G	0.30	0.01	H	7.8860	0.0020	0.016	73		7.86	7.92					1							S
34141	9.194	0.020	7.989	0.013		1.031	0.019	T	1.00	0.02	L	8.0553	0.0016	0.010	69		8.04	8.07					1							S
34142	7.682	0.004	6.218	0.002		1.225	0.002	G	1.13	0.04	E	6.2525	0.0005	0.009	256		6.24	6.27					1							S
34143	10.287	0.041	9.203	0.026		0.937	0.037	T	0.93	0.03	L	9.2555	0.0024	0.013	65		9.23	9.28		C			1							
34144	8.646	0.011	8.637	0.014		0.013	0.016	T	0.03	0.01	L	8.6486	0.0011	0.011	108		8.63	8.67					1							
34145	10.345	0.040	9.762	0.036		0.545	0.048	T	0.62	0.04	L	9.7416	0.0022	0.015	65		9.71	9.77					1							
34146	8.563	0.012	8.102	0.012		0.468	0.015	G	0.54	0.02	H	8.1554	0.0016	0.014	96		8.12	8.18					1							
34147	10.085	0.035	9.290	0.028		0.705	0.034	T	0.76	0.03	L	9.3189	0.0025	0.023	109		9.29	9.35					1							
34148	10.534	0.028	9.267	0.016		1.079	0.025	T	1.04	0.02	L	9.3270	0.0025	0.029	162		9.27	9.37					1							
34149	11.172	0.071	9.220	0.021		1.619	0.059	T	1.64	0.06	L	9.1079	0.0033	0.025	82		9.07	9.15					1							
34150	9.667	0.023	9.013	0.020		0.607	0.026	T	0.68	0.02	L	9.0836	0.0019	0.011	72		9.06	9.10		C			1							
34151	10.010	0.030	8.978	0.021		0.898	0.027	T	0.90	0.02	L	9.0599	0.0020	0.016	71		9.04	9.09		C			1							
34152	9.124	0.010	7.100	0.004		1.677	0.009	T	1.70	0.01	L	6.9954	0.0023	0.023	165		6.95	7.03		U 2			1							S
34153	8.976	0.010	9.052	0.013		−0.065	0.014	T	−0.04	0.01	L	9.0512	0.0021	0.022	184		9.02	9.09					1 S							
34154	9.608	0.022	8.874	0.018	*	0.673	0.022	T	0.73	0.02	L	* 8.9917	0.0018	0.023	189	*	8.95	9.04		D	07049+7240	I 1	2 C A	AB	194	3.626	0.008	1.40	0.03	
34155	9.878	0.020	8.686	0.013		1.021	0.019	T	0.99	0.02	L	8.7201	0.0017	0.016	136		8.69	8.75					1							
34156	8.927	0.013	8.639	0.015		0.274	0.019	T	0.31	0.02	L	8.7101	0.0030	0.019	78		8.67	8.74		U			1							
34157	9.342	0.019	9.266	0.025		0.075	0.029	T	0.09	0.03	L	9.3449	0.0020	0.017	73		9.31	9.37		C			1							
34158	10.309	0.044	9.865	0.045		0.419	0.058	T	0.49	0.06	L	9.9480	0.0026	0.022	64		9.92	9.99		C			1							G
34159	9.661	0.023	9.105	0.022		0.521	0.028	T	0.59	0.03	L	9.1285	0.0012	0.013	79		9.11	9.15					1							
34160	8.448	0.013	7.408	0.007		0.904	0.011	T	0.91	0.01	L	7.4527	0.0010	0.009	68		7.44	7.47		C			1							S
34161	9.927	0.020	7.946	0.008		1.678	0.018	T	2.19	0.05	O	7.7992	0.0035	0.036	135		7.75	7.87		U 2			1 S							
34162	9.661	0.024	8.401	0.015		1.074	0.022	T	1.04	0.02	L	8.4480	0.0015	0.012	78		8.43	8.47		C			1							
34163	11.435	0.081	9.888	0.031		1.299	0.068	T	1.26	0.07	L	9.9092	0.0032	0.034	153		9.86	9.97					1							G
34164	9.264	0.020	8.556	0.017		0.618	0.002	G	0.69	0.00	H	8.6049	0.0020	0.015	73		8.58	8.63					1 X							
34165	8.600	0.009	7.134	0.005		1.235	0.008	T	1.19	0.01	L	7.1754	0.0007	0.010	168		7.16	7.19					1							S
34166	7.981	0.007	6.799	0.004		1.013	0.006	T	0.99	0.01	L	6.8520	0.0008	0.011	213		6.84	6.87		C			1							S
34167	8.048	0.005	8.242	0.007		−0.168	0.003	G	−0.17	0.00	H	8.2255	0.0011	0.016	265		8.19	8.25					1							
34168	6.305	0.004	6.363	0.005		−0.048	0.006	T	−0.03	0.01	L	6.3623	0.0008	0.006	86		6.35	6.38		C			1							S
34169	9.033	0.008	8.929	0.010	*	0.101	0.012	T	0.11	0.01	L	* 8.9695	0.0017	0.022	234	*	8.94	9.01			07052+7039	H 1	2 C B	AB	183	0.691	0.037	3.43	0.19	
34170	8.547	0.015	7.986	0.014	*	0.523	0.015	G	0.60	0.02	H	* 7.8731	0.0011	0.009	63	*	7.86	7.89		D	07052−0052	I 1	2 C A	AB	25	1.031	0.003	0.52	0.01	S
34171	9.439	0.013	8.907	0.012		0.499	0.016	T	0.57	0.02	L	8.9815	0.0017	0.023	199		8.95	9.03					1							
34172	8.801	0.013	8.815	0.017		−0.020	0.020	G	0.00	0.02	H	8.8208	0.0022	0.014	89		8.80	8.84		C			1							
34173	9.838	0.025	8.766	0.017		0.928	0.023	T	0.92	0.02	L	8.9034	0.0020	0.016	111		8.87	8.93					1							
34174	8.411	0.010	8.165	0.011		0.234	0.014	T	0.26	0.02	L	8.2356	0.0012	0.016	96		8.21	8.26					1							S
34175	9.061	0.012	9.188	0.017		−0.120	0.015	G	−0.11	0.02	H	9.1725	0.0024	0.028	152		9.13	9.24					1							
34176	8.596	0.013	8.681	0.018		−0.100	0.015	G	−0.08	0.02	H	8.6728	0.0018	0.016	96		8.65	8.70		C			1							
34177	8.328	0.011	6.626	0.005		1.424	0.003	G	1.48	0.04	E	6.6022	0.0010	0.009	107		6.59	6.62					1							S
34178	7.873	0.011	7.979	0.014		−0.092	0.016	T	−0.07	0.02	L	7.9546	0.0018	0.014	73		7.93	7.98		C			1							
34179	8.106	0.009	7.571	0.008	*	0.509	0.009	T	0.58	0.01	L	* 7.6072	0.0008	0.011	118	*	7.60	7.63		D	07053−3409	I 1	2 C S A	AS	336	0.195	0.011	1.39	0.21	S
34180	8.974	0.015	8.886	0.018		0.086	0.022	T	0.10	0.02	L	8.8761	0.0019	0.013	88		8.85	8.90		C			1							
34181	8.752	0.012	8.730	0.015		0.025	0.018	T	0.04	0.01	L	8.8011	0.0017	0.014	110		8.78	8.82		C			1							
34182	5.973	0.004	6.005	0.004		−0.027	0.005	T	−0.01	0.01	L	6.0042	0.0006	0.006	87		5.99	6.01		C			1							S
34183	8.480	0.011	8.484	0.014		0.001	0.016	T	0.02	0.01	L	8.5116	0.0016	0.013	77		8.49	8.54		C			1							
34184	9.945	0.027	7.940	0.011	A	1.644	0.092	G	1.61	0.13	O	7.8244	0.0273	0.026	119	A	7.78	7.86		D	07054−5237	I 2	1 C P D							D
34185	8.466	0.012	7.272	0.007		1.022	0.011	T	1.00	0.01	L	7.3116	0.0016	0.010	76		7.29	7.33		C			1 G							S
34186	10.019	0.021	8.892	0.014		0.970	0.020	T	0.95	0.02	L	8.9849	0.0016	0.014	120		8.96	9.01		C			1							
34187	9.777	0.018	8.703	0.012		0.930	0.016	T	0.92	0.01	L	8.7637	0.0017	0.018	149		8.72	8.79					1							
34188	8.679	0.012	8.680	0.016		0.004	0.018	T	0.02	0.02	L	8.7065	0.0011	0.011	89		8.69	8.73		U			1							
34189	10.058	0.030	8.988	0.020		0.927	0.027	T	0.92	0.02	L	9.0245	0.0017	0.013	71		8.99	9.05		C			1							
34190	10.450	0.037	9.173	0.021		1.087	0.033	T	1.05	0.03	L	9.1750	0.0017	0.016	100		9.14	9.20		C			1							
34191	12.339	0.256	10.648	0.080	B						T	10.7859	0.3272			B				D	07054−5237	I 2	1 C F D							D
34192	7.820	0.007	7.803	0.009		0.027	0.003	G	0.04	0.00	H	7.8100	0.0009	0.011	122		7.79	7.83		C			1							S
34193						0.706	0.005	G	0.76	0.01	H	10.9611	0.0065	0.032	66		10.91	11.01					1							G
34194	9.576	0.018	8.379	0.011		1.025	0.016	T	1.00	0.01	L	8.4388	0.0014	0.011	104		8.42	8.47					1							
34195	8.444	0.008	8.343	0.010		0.091	0.012	T	0.10	0.01	L	8.3753	0.0020	0.018	151		8.35	8.41					1							
34196	8.084	0.008	8.160	0.010		−0.058	0.002	G	−0.04	0.00	H	8.1510	0.0012	0.013	107		8.13	8.17		C			1							S
34197	9.790	0.022	8.671	0.015		0.964	0.021	T	0.95	0.02	L	8.7163	0.0014	0.014	103		8.69	8.74		C			1							
34198	10.010	0.026	8.890	0.017		0.965	0.024	T	0.95	0.02	L	8.9366	0.0017	0.015	74		8.91	8.96					1							
34199	9.848	0.015	8.850	0.011		0.873	0.014	T	0.88	0.01	L	8.9023	0.0015	0.023	185		8.86	8.95					1							
34200	6.536	0.006	6.148	0.005	*	0.353	0.009	G	0.41	0.01	H	* 6.2384	0.0008	0.008	119	*	6.23	6.25		D	07055−3447	I 1	2 C A	AB	146	2.798	0.004	1.36	0.01	S

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
34201		07 05 32.73	−40 38 26.0	6.73		H	106.386 356 18	−40.640 545 47		7.60	7.37	61.12	0.44	0.49	0.55	0.44	0.58	+3	+10	−6	−1	+1	+0	+2	+9	−6	−6	3	−0.38
34202		07 05 32.92	−38 40 24.3	8.35		H	106.387 177 58	−38.673 426 06		1.81	2.59	−6.36	0.65	0.62	0.80	0.73	0.68	+9	+8	+10	−9	−6	−7	−4	−3	+8	−10	0	0.07
34203		07 05 33.04	+29 30 58.3	8.33		H	106.387 684 28	+29.516 205 63		3.80	−2.26	−5.47	1.05	0.59	1.16	1.41	0.87	+3	+28	−20	+14	−20	+16	+1	−31	+31	+37	0	0.90
34204		07 05 33.19	−14 52 19.3	7.68		H	106.388 283 80	−14.872 031 80		4.28	14.04	−7.92	0.66	0.64	0.95	0.84	0.80	−38	+15	−11	+28	+8	−26	+3	−6	+17	−51	0	−0.23
34205		07 05 33.62	−33 22 03.0	9.06	1	H	106.390 080 10	−33.367 504 29		1.26	−11.64	25.10	0.59	0.79	0.89	0.69	0.90	+3	+9	+3	+22	−2	+8	−3	−2	+4	−2	3	0.36
34206		07 05 34.59	+46 40 05.9	8.40		H	106.394 104 25	+46.668 306 78		2.77	−2.51	−14.48	0.96	0.66	1.03	1.13	0.70	−31	+34	−18	+2	+9	+6	+17	−44	+2	−10	2	0.24
34207		07 05 34.68	+14 28 23.3	7.06		H	106.394 513 76	+14.473 130 33		3.51	−7.23	−7.70	0.83	0.46	0.92	0.76	0.53	−2	+51	−18	−19	−1	−26	−1	−28	+13	−5	2	0.83
34208	H	07 05 35.06	−48 50 24.1	9.23		H	106.396 067 63	−48.840 033 98	A	7.97	−7.46	−12.63	1.32	1.37	1.38	1.62	1.59	−1	+26	+6	+2	−21	−6	−22	−9	−5	−16	3	0.35
34209		07 05 35.08	−51 23 02.7	8.86		H	106.396 182 32	−51.384 087 31		8.50	−3.22	14.61	0.72	0.71	0.80	0.87	0.82	−12	+15	+1	+16	+2	−12	−2	−14	−1	−24	0	−0.60
34210		07 05 35.23	+13 42 35.2	7.79	1	H	106.396 787 99	+13.709 780 02		3.16	−10.47	−9.42	0.89	0.55	0.99	0.98	0.65	+6	+34	−1	−19	−4	−29	−7	−34	−12	+15	0	0.01
34211		07 05 35.62	−16 41 36.5	8.17		H	106.398 408 86	−16.693 479 05		3.18	−8.50	6.45	0.74	0.69	0.99	0.95	0.82	−17	+7	−25	+22	+19	−13	+12	−28	+15	−27	0	1.16
34212		07 05 37.18	−71 16 22.5	7.67		G	106.404 900 42	−71.272 922 00		18.57	2.43	262.51	0.64	0.54	0.61	0.91	0.63	+13	+13	+11	−50	−2	−2	+0	−18	−17	+2	0	0.62
34213		07 05 37.62	−11 09 26.2	9.38		G	106.406 756 19	−11.157 269 66		0.85	−2.99	2.27	1.24	1.11	1.47	1.59	1.40	+31	+2	−22	−37	−37	+8	−33	−48	+28	+35	0	−0.57
34214		07 05 38.30	+03 56 57.9	7.84		G	106.409 599 17	+03.949 411 29		12.92	34.55	7.70	0.84	0.57	1.01	0.92	0.70	−8	+27	−29	−27	−13	−11	−14	−28	+11	+11	0	1.09
34215		07 05 39.00	+09 11 09.0	5.78		H	106.412 504 10	+09.185 836 78		5.80	41.94	−14.99	0.71	0.43	0.82	0.87	0.59	−14	+34	−3	+12	+13	−25	+23	−25	−15	+28	0	1.22
34216		07 05 39.69	−37 37 46.3	8.71		H	106.415 386 75	−37.629 541 60		3.59	−8.96	7.37	0.60	0.67	0.77	0.69	0.75	+17	+0	−12	−10	−22	+22	−20	−17	+12	+11	0	−0.61
34217	H	07 05 39.83	+52 45 31.3	6.17		H	106.415 945 46	+52.758 685 05	A	9.40	−34.28	−52.38	2.27	1.92	1.78	2.76	2.37	−21	−12	+22	−52	+14	+20	+16	−68	−26	−21	9	2.28
34218	H	07 05 41.13	+20 59 45.1	7.80		G	106.421 380 76	+20.995 852 98	A	3.78	−7.73	−8.22	1.37	0.90	1.34	1.37	0.92	−8	+14	−25	−1	+5	+10	+9	−39	+18	−2	0	−0.25
34219	H	07 05 41.57	−20 47 33.5	8.44		H	106.423 188 51	−20.792 652 77	A	1.95	−3.99	4.60	1.02	1.29	1.67	1.11	1.59	−56	+22	−16	−8	+0	−20	−4	+6	+14	−49	1	0.11
34220		07 05 41.61	−27 17 44.1	8.76		G	106.423 384 15	−27.295 573 62		−0.09	−4.31	2.79	0.59	0.64	0.94	0.73	0.79	+10	+4	−7	+0	−7	−1	−7	−23	+10	+11	0	0.09
34221		07 05 42.09	−12 48 42.6	7.30	2	H	106.425 387 73	−12.811 844 55		0.49	−3.86	1.59	0.75	0.58	0.85	0.75	0.61	+2	+26	−20	−35	−9	−16	−9	−37	+14	+7	0	0.35
34222		07 05 42.28	+27 28 15.8	10.14		G	106.426 149 18	+27.471 064 22		41.63	−49.80	−96.04	1.99	1.11	2.16	2.60	1.72	−13	+40	−17	+4	+7	+8	+27	−48	+26	+15	0	−0.71
34223		07 05 43.05	−36 43 03.1	8.75		H	106.429 373 71	−36.717 533 10		4.79	−78.07	109.21	0.62	0.67	0.82	0.68	0.91	+5	+13	−4	−22	−5	+16	−5	−7	+5	+9	0	−0.95
34224		07 05 43.63	+74 22 36.6	9.86		H	106.431 791 60	+74.376 832 32		5.05	−0.95	4.87	0.88	1.12	1.50	0.95	1.29	+11	+1	+10	+6	−15	+18	−17	−9	+20	+17	1	1.23
34225		07 05 43.96	−01 30 41.5	9.15		H	106.433 156 37	−01.511 540 08		1.51	−1.09	−0.91	1.15	0.88	1.34	1.15	0.93	+15	+22	−3	−28	−24	−19	−24	−32	+12	−10	0	−0.11
34226		07 05 44.94	+26 08 25.5	9.08		H																							
34227		07 05 46.06	−25 00 28.3	8.40		H	106.441 900 32	−25.007 853 75		1.04	−2.46	4.63	0.46	0.67	0.94	0.48	0.91	+11	+9	−5	+48	−9	+0	−11	+19	−6	+27	0	0.22
34228		07 05 46.23	+23 16 30.7	8.34		H	106.442 635 08	+23.275 202 65		9.32	−6.83	−24.14	1.08	0.66	1.03	1.61	0.85	+42	+8	−22	−37	−43	−13	−39	−55	+4	+66	0	−0.06
34229		07 05 47.25	+31 23 35.8	6.64	1	H	106.446 894 28	+31.393 280 75		3.58	−9.05	−0.76	0.93	0.54	0.95	1.12	0.68	−2	+34	−18	+25	+4	+13	+15	−22	+15	+17	0	1.24
34230		07 05 47.61	+15 01 21.4	9.44	1	H	106.448 373 49	+15.022 610 12		2.56	2.60	−2.65	1.30	0.83	1.44	1.34	1.04	−14	+39	−28	−23	+5	−23	−2	−37	+15	−30	0	1.12
34231		07 05 48.24	+11 13 26.7	7.72		H	106.451 014 52	+11.224 094 77		2.31	−9.07	−2.73	0.92	0.59	1.06	0.93	0.65	+6	+39	−13	−13	−6	−33	−13	−19	−1	+5	3	1.56
34233		07 05 48.82	−13 49 23.7	7.86		G	106.453 432 06	−13.823 236 39		2.65	2.30	−1.76	0.86	0.71	0.95	0.83	0.68	+10	+10	−22	−39	−17	+1	−15	−33	+18	+15	0	1.56
34234	H	07 05 49.64	−10 39 36.3	6.50	1	G	106.456 840 67	−10.660 082 80	A	0.92	−2.65	1.21	0.83	0.70	0.88	0.87	0.70	+2	+4	−22	−27	−9	+18	−4	−44	+3	+9	2	1.05
34235		07 05 49.81	+83 36 45.7	8.81		H	106.457 527 59	+83.612 688 73		18.20	26.50	−221.53	0.75	0.76	0.91	0.85	0.97	+23	+18	+16	+27	−1	+8	−2	+10	+5	+27	0	−1.21
34236		07 05 50.55	−08 48 25.5	8.16		G	106.460 620 92	−08.807 080 00		1.91	−0.10	1.14	0.90	0.69	1.04	1.09	0.86	+14	+32	−4	−20	−16	−2	−15	−36	+6	+4	0	0.32
34237		07 05 50.76	+17 25 42.7	9.09		H	106.461 480 62	+17.428 533 35		5.03	−5.75	−4.57	1.05	0.64	1.22	1.30	0.93	+4	+26	−8	−10	−3	−38	−11	−30	+9	−13	0	1.91
34238		07 05 51.62	+70 43 55.0	6.49	1	H	106.465 063 43	+70.731 940 16		3.85	31.28	−6.71	0.34	0.50	0.71	0.40	0.55	+15	+11	+6	+8	+13	+5	+12	+1	+3	+24	0	1.03
34239		07 05 52.75	−01 01 12.0	7.26		G	106.469 810 20	−01.020 013 24		15.59	26.87	−186.05	0.84	0.63	1.00	0.91	0.71	−1	+16	−20	−41	−9	−16	−13	−44	+9	−3	0	0.97
34240		07 05 52.82	+38 36 02.3	9.06		H	106.470 094 54	+38.600 633 24		5.38	−7.02	−28.84	1.28	0.85	1.53	2.00	1.23	−4	+19	−25	−2	−17	+33	+4	−48	+25	+29	0	0.48
34241		07 05 55.80	+15 10 53.3	7.03		H	106.482 493 32	+15.181 481 64		4.16	−6.62	−6.61	0.84	0.54	0.94	0.92	0.73	−14	+35	−27	−15	+4	−15	+4	−37	+25	−25	0	1.20
34242		07 05 56.80	+39 51 44.1	8.95		H	106.486 646 03	+39.862 236 26		4.04	1.96	−10.47	1.36	0.89	1.51	2.24	1.15	+0	+7	−19	+22	−26	+23	−4	−35	+18	+35	0	1.36
34243		07 05 56.96	+19 45 11.4	9.18		H	106.487 327 03	+19.753 153 08		0.92	0.22	−6.53	1.09	0.72	1.18	1.20	0.86	−11	+14	−1	−17	+10	−7	+6	−43	−15	−13	0	−0.03
34244		07 05 57.65	+36 34 23.2	6.88		H	106.490 192 23	+36.573 122 34		7.02	3.75	−49.79	1.00	0.54	1.02	1.18	0.71	−2	+40	−13	+25	−9	+6	+1	−20	+10	+15	0	1.16
34245		07 05 57.74	−63 06 56.8	9.71		H	106.490 596 97	−63.115 771 17		2.27	−23.44	20.80	0.97	0.93	0.99	1.14	1.27	−3	+2	+2	−16	+0	+3	+2	−1	−3	−19	1	−1.22
34246		07 05 57.79	−42 19 39.3	7.21		G	106.490 777 57	−42.327 570 96		7.03	−12.67	25.35	0.45	0.51	0.57	0.48	0.65	+1	+9	−7	+8	−10	+3	−12	+20	−20	−4	0	−0.87
34247	H	07 05 58.77	+33 44 32.8	7.47		G	106.494 855 33	+33.742 457 28	*	1.79	1.13	0.12	1.07	0.56	1.09	1.13	0.68	+10	+52	−8	+1	−12	+5	−2	−32	+8	+28	0	−0.02
34248		07 06 00.49	−30 39 20.6	6.34	1	H	106.502 051 97	−30.655 728 90		3.93	−8.22	7.41	0.40	0.47	0.60	0.45	0.61	+8	+10	−12	+16	−3	+10	+1	−16	+18	+8	1	1.21
34249		07 06 00.79	−36 25 12.1	8.39		H	106.503 278 60	−36.420 027 21		3.53	1.61	5.48	0.61	0.70	0.84	0.70	0.79	+4	+6	+3	+16	−3	+22	−3	+10	+7	−2	0	−0.18
34250		07 06 01.21	+59 48 06.7	6.40		H	106.505 043 79	+59.801 857 21		9.33	22.00	−2.88	0.54	0.38	0.74	0.63	0.44	+15	+28	−3	+39	+6	+0	−8	−13	−5	−9	0	1.41
34251		07 06 01.61	−28 19 16.6	10.27		H	106.506 702 23	−28.321 272 82		1.12	−3.69	2.41	0.74	0.93	1.24	0.91	1.05	−3	+9	+10	+22	−6	+2	−6	+2	+0	−4	0	0.62
34252		07 06 02.07	−42 18 44.9	8.74		G	106.508 610 26	−42.312 462 45		6.16	−13.26	23.23	0.60	0.71	0.78	0.62	0.90	−5	+6	−13	−3	−8	−1	−10	+10	−16	−8	0	0.23
34253		07 06 02.26	−38 22 58.4	6.09		H	106.509 417 90	−38.382 888 28		4.94	6.64	14.23	0.43	0.43	0.53	0.48	0.49	+13	+2	−1	−15	−14	+12	−13	+4	−11	+3	1	0.39
34254		07 06 02.34	−39 52 02.0	8.72		H	106.509 758 11	−39.867 216 78		8.70	22.95	−169.54	0.59	0.67	0.77	0.67	0.78	+1	+4	−3	+7	−7	+12	−7	−6	−1	−5	0	0.74
34255		07 06 02.46	+05 31 00.1	8.61		H	106.510 268 04	+05.516 707 37		2.38	−4.22	1.98	0.94	0.56	1.08	0.91	0.65	−6	+45	−20	−35	−13	−18	−10	−41	+16	+1	0	0.10
34256		07 06 03.08	−64 04 57.2	8.87		H	106.512 839 02	−64.082 552 35		2.22	0.61	−10.31	0.80	0.74	0.78	0.92	0.88	−5	+14	+9	+34	−16	−3	−21	+1	−3	−22	1	−0.23
34257		07 06 03.28	+44 51 50.5	7.81		H	106.513 648 67	+44.864 017 20		2.92	−1.15	−10.27	1.27	0.77	1.30	1.21	0.93	+24	+42	−24	−21	−34	−0	−25	−58	+24	+28	0	−1.63
34258		07 06 05.04	+13 59 08.9	7.44		H	106.520 985 01	+13.985 800 63		3.34	−7.92	−6.34	0.89	0.53	1.00	1.01	0.66	+8	+37	−11	−8	+0	−29	−4	−29	−7	+18	0	−0.11
*34259		07 06 05.36	+45 37 48.5	9.41		H	106.522 326 69	+45.630 128 79		9.20	−44.77	−42.94	1.25	0.87	1.46	1.57	1.08	−14	+26	−4	−17	−1	+9	+1	−55	−2	−9	4	−1.87
*34260		07 06 05.32	+06 07 11.2	8.10		H	106.522 151 77	+06.119 776 05		4.73	−11.06	−10.84	0.94	0.59	1.08	0.95	0.71	−12	+34	−26	−41	−7	−14	−8	−44	+15	−7	0	−1.13
34261		07 06 05.53	−45 58 07.7	7.44	1	H	106.523 046 51	−45.968 795 30		1.50	0.20	−16.51	0.58	0.61	0.69	0.69	0.82	−4	+26	−7	+5	+2	−1	+3	+13	−7	−25	0	−0.13
34262	H	07 06 07.41	−12 57 07.9	8.26	2	H	106.530 881 02	−12.952 201 23	B	−1.05	−2.29	0.57	4.31	3.68	3.05	2.82	2.59	−52	+0	−18	−23	−6	−4	−9	−20	+13	+14	2	2.25
34263	H	07 06 10.35	−09 16 53.8	8.61		G	106.543 123 08	−09.281 615 56	A	2.16	−2.74	0.64	1.76	1.26	1.81	1.77	1.40	+17	+26	−7	−5	−3	−7	−2	−32	+14	+11	2	−0.08
34264		07 06 10.80	+28 11 31.0	7.68		H	106.544 994 46	+28.191 957 53		6.35	−2.69	9.76	1.05	0.60	1.11	1.39	0.87	+1	+26	+4	+20	+7	+0	+10	−32	+10	+1	0	−1.55
34265		07 06 11.08	+37 20 06.7	9.29		H	106.546 152 71	+37.335 192 16		2.45	−7.67	3.60	1.40	0.87	1.54	2.24	1.50	+22	+29	−31	−16	−42	+29	−18	−51	+36	+61	0	0.18
34266		07 06 11.59	+24 51 36.6	6.89		H	106.548 297 72	+24.860 178 08		3.17	8.64	−13.13	0.86	0.48	0.91	0.83	0.52	+10	+42	−17	−10	−4	−14	−5	−32	+2	+19	2	0.63
34267		07 06 11.63	+34 28 26.7	5.55		H	106.548 459 81	+34.474 086 82		10.68	−55.00	−49.06	0.84	0.46	0.88	1.02	0.58	+2	+47	−25	+19	−9	+13	+11	−27	+18	+41	0	0.09
34268		07 06 12.47	+53 37 01.0	8.84		H	106.551 942 00	+53.616 941 04		1.17	0.50	−2.40	1.01	0.79	1.18	1.44	1.09	−12	+11	+24	−40	+10	−2	+9	−62	−24	−10	0	−0.16
34269		07 06 13.86	−47 35 12.6	10.54		G	106.557 740 72	−47.586 831 43		21.26	134.60	−145.36	1.06	1.20	1.26	1.29	1.51	+0	+2	+6	−20	+4	+15	+1	−26	−16	−27	1	−0.40
34270		07 06 14.30	−68 50 15.3	6.47		H	106.559 597 22	−68.837 576 71		6.51	5.46	−1.30	0.53	0.44	0.51	0.56	0.51	−2	+24	−7	−6	−12	+5	−9	+0	+8	−16	0	−1.58
34271		07 06 16.86	+22 41 01.2	8.25		H	106.570 250 77	+22.683 677 96		22.77	−89.12	−77.67	1.15	0.70	1.03	1.40	0.82	+43	+9	−23	−47	−45	+9	−41	−58	+20	+54	0	−0.31
34272		07 06 17.01	+10 16 01.6	8.69		H	106.570 856 89	+10.267 114 11		−0.44	0.40	1.27	0.90	0.62	1.08	1.00	0.74	+6	+15	+5	−16	−13	−33	−15	−29	−10	+6	2	−1.21
34273		07 06 17.42	+17 44 39.9	7.19		H	106.572 565 69	+17.744 412 70		4.67	−4.95	−4.33	0.74	0.49	0.87	0.82	0.55	−21	+32	−21	−4	+6	−32	+3	−26	+3	−9	2	1.11
34274		07 06 20.36	+62 50 39.2	8.04		H	106.584 832 58	+62.844 209 98		4.56	4.00	−1.71	0.81	0.60	1.09	1.09	0.79	−2	+13	−15	+27	−7	+20	−4	−20	+25	−5	0	−0.08
34275		07 06 20.70	−37 42 34.6	7.50		G	106.586 231 16	−37.709 607 17		3.59	−10.12	2.78	0.45	0.51	0.61	0.52	0.59	+11	+7	−4	+5	−9	+23	−8	−2	+6	+6	1	−1.33
34276		07 06 20.93	−43 36 38.8	6.52		H	106.587 200 85	−43.610 781 23		10.77	5.68	12.22	0.45	0.52	0.56	0.47	0.64	+7	+0	−6	+5	−8	+10	−8	+9	−10	−4	0	0.60
34277		07 06 21.63	−49 47 46.3	8.90		H	106.590 130 53	−49.796 198 26		3.68	−11.18	6.44	0.75	0.77	0.88	0.81	0.81	+8	+17	+3	−11	−13	+7	−15	−15	−15	−8	0	0.87
34278		07 06 22.12	+43 49 51.5	11.12		H	106.592 175 86	+43.830 966 75		−2.89	−4.81	−14.99	2.08	1.44	2.41	2.66	1.99	−31	+34	−12	−23	+0	+6	+0	−49	+4	−34	0	−0.45
34279		07 06 22.18	−07 18 41.4	9.81		G	106.592 420 38	−07.311 502 73		2.22	−2.15	−0.46	1.14	0.95	1.45	1.26	1.08	−5	+29	+4	−27	+9	−7	+7	−41	−15	+17	0	−0.47
34280		07 06 23.14	−74 23 25.1	10.09		H	106.596 412 34	−74.390 307 42		6.00	−2.91	−67.31	1.02	1.01	1.05	1.07	1.09	+7	+17	−8	−11	−11	+8	−12	−36	+17	−10	0	−0.35
34281		07 06 27.35	−25 28 11.7	8.83		G	106.613 974 24	−25.469 909 83		1.28	−2.92	3.18	0.52	0.77	1.03	0.55	0.92	+9	+1	−15	+20	−15	−7	−19	+12	+4	+7	0	−0.60
34282		07 06 27.51	−35 02 34.1	9.30		H	106.614 645 63	−35.042 799 42		8.27	45.06	−126.38	0.72	0.88	1.00	0.93	1.18	−3	+0	+3	−4	−4	+3	−8	+32	+6	+7	0	0.66
34283		07 06 27.66	−03 06 56.6	7.60	1	H	106.615 263 35	−03.115 735 57		3.11	−9.15	−3.48	0.78	0.59	0.95	0.77	0.58	+3	+30	−36	−46	−20	−4	−15	−53	+19	+29	0	1.01
34284		07 06 28.86	+61 32 36.3	10.54		H	106.620 247 34	+61.543 426 73		0.05	7.68	−4.51	2.62	2.45	3.81	3.58	3.15	+3	+23	−18	+10	−11	+21	−3	−46	+6	+15	0	
34285		07 06 29.05	−57 27 35.2	9.53		H	106.621 052 69	−57.459 768 41		10.68	−93.65	691.23	0.84	0.86	0.91	0.92	1.10	+0	−7	+0	+10	−5	+6	−6	−2	−15	−6	0	1.09
34286		07 06 29.15	+39 45 27.1	9.40		H	106.621 450 17	+39.757 536 45		5.67	23.02	−49.73	1.54	0.94	1.71	2.41	1.26	−3	−1	−18	+17	−29	+20	−7	−48	+19	+32	0	1.79
34287		07 06 30.47	−11 32 16.3	8.68	2	H	106.626 974 49	−11.537 871 69		1.05	−1.24	−4.03	0.97	0.82	1.12	1.13	0.92	+22	+30	−11	−22	−24	+0	−20	−47	+3	+31	0	−0.95
34288		07 06 30.72	−57 46 42.4	7.71		H	106.627 983 51	−57.778 456 19		5.80	−0.34	1.95	0.56	0.57	0.60	0.65	0.73	+0	−1	+3	+5	−7	+0	−7	+6	−9	−8	0	−0.67
34289		07 06 31.55	−53 53 55.9	8.71		H	106.631 455 05	−53.898 848 14		3.45	−1.87	11.64	0.87	0.70	0.77	0.90	0.95	−19	+25	+2	−53	+20	−5	+27	−32	+14	−38	3	0.87
34290		07 06 31.65	−04 56 05.7	8.22		H	106.631 857 98	−04.934 906 48		2.24	−13.59	−22.55	0.90	0.65	0.98	0.93	0.70	+2	+15	−9	−43	−6	+6	−7	−35	−3	+11	0	0.49
34291		07 06 32.89	−59 59 48.5	7.92		H	106.637 047 38	−59.996 804 17		4.18	−4.26	−5.85	0.54	0.54	0.57	0.64	0.66	−3	+10	+17	+17	−9	+2	−12	+1	+8	−25	0	1.98
34292		07 06 33.05	+06 08 27.6	8.25		H	106.637 706 53	+06.140 997 67		2.54	−5.88	−3.20	0.91	0.58	1.01	0.96	0.71	−17	+28	−23	−41	−3	−13	−5	−43	+13	−15	0	−0.46
34293		07 06 33.88	−48 15 02.2	9.03		H	106.641 150 17	−48.250 614 20		11.02	1.92	−58.86	0.69	0.70	0.79	0.80	0.93	+2	+18	−10	−16	−9	+2	−7	−11	+8	−13	1	−0.15
34294		07 06 34.45	+64 25 12.4	8.39		G	106.643 538 96	+64.420 112 94		8.14	−7.55	0.09	0.79	0.63	1.03	1.06	0.81	+23	+11	−8	+35	+25	+0	+12	−15	+2	−3	0	−0.14
34295		07 06 34.69	−22 00 53.0	7.33		H	106.644 562 34	−22.014 712 06		3.53	−2.20	−0.10	0.43	0.53	0.89	0.56	0.76	+19	+4	−8	−6	+16	−16	+17	−12	−14	+26	1	−0.05
34296		07 06 35.65	+76 10 18.0	7.76		H	106.648 549 05	+76.171 679 85		4.49	−16.38	−55.71	0.54	0.56	0.77	0.65	0.65	+15	+28	+10	+12	−1	+5	+4	+2	+17	+17	1	0.51
34297		07 06 35.97	−12 23 38.2	6.48		G	106.649 864 53	−12.393 953 11		0.66	−3.72	1.75	0.68	0.52	0.77	0.77	0.57	+15	+28	−17	−18	−17	−4	−14	−37	+13	+14	0	1.41
34298		07 06 36.21	−61 27 34.9	8.98		H	106.650 894 85	−61.459 696 02		9.15	79.73	−44.81	0.73	0.73	0.79	0.78	1.00	−4	−8	+15	−14	−7	+9	−12	−5	+17	−15	0	−1.22
34299		07 06 36.30	−04 37 24.5	9.61	2	H	106.651 252 87	−04.623 474 62		−0.99	1.33	0.03	1.22	0.88	1.40	1.21	0.92	−6	+39	+7	−36	+5	−14	+2	−38	−8	−20	0	−0.16
34300		07 06 36.50	+19 06 33.7	7.55		H	106.652 071 23	+19.109 373 86		4.47	−25.20	−27.86	0.90	0.61	1.00	1.01	0.69	−15	+22	−4	−4	+18	−21	+15	−38	−23	+0	0	1.31

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
34201	7.875	0.008	6.828	0.005		0.909	0.007	T	0.91	0.01	L	6.8937	0.0007	0.008	129		6.88	6.91					1							S
34202	10.373	0.030	8.510	0.012		1.549	0.026	T	1.61	0.06	L	8.4689	0.0017	0.020	120		8.44	8.50					1							
34203	8.300	0.012	8.335	0.016		−0.027	0.018	T	−0.01	0.02	L	8.3297	0.0022	0.014	73		8.31	8.35		C			1 S							
34204	9.007	0.013	7.787	0.008		1.043	0.012	T	1.01	0.01	L	7.8473	0.0011	0.011	113		7.83	7.88					1							
34205	9.327	0.017	9.061	0.019		0.250	0.026	T	0.28	0.03	L	9.1291	0.0028	0.025	127		9.09	9.16		U			1							
34206	8.376	0.010	8.397	0.013		−0.015	0.015	T	0.01	0.01	L	8.4085	0.0021	0.014	89		8.38	8.43					1							
34207	6.910	0.006	7.039	0.007		−0.112	0.008	T	−0.10	0.01	L	7.0245	0.0009	0.007	77		7.00	7.04					1							S
34208	9.952	0.025	9.307	0.022	A	1.000	0.495	G	0.67	0.04	L *	9.3617	0.0022	0.020	107	*	9.33	9.39		C	07056−4850	I 1	2 C	C	AB	170	6.569	0.057	3.70	0.30	
34209	9.406	0.017	8.898	0.016		0.488	0.018	T	0.56	0.02	L	8.9713	0.0021	0.015	92		8.95	9.00		C			1							
34210	9.921	0.034	7.987	0.014		1.640	0.030	T	2.08	0.08	O	7.8569	0.0026	0.018	75		7.82	7.89		U			1							S
34211	9.581	0.022	8.298	0.013		1.092	0.020	T	1.05	0.02	L	8.3375	0.0018	0.016	87		8.31	8.36		C			1							
34212	8.306	0.009	7.737	0.009		0.536	0.007	G	0.61	0.01	H	7.7880	0.0010	0.010	118		7.77	7.81		C			1 G							S
34213	9.300	0.025	9.374	0.036		−0.063	0.038	T	−0.04	0.04	L	9.3952	0.0033	0.022	79		9.35	9.43		C			1							G
34214	8.385	0.012	7.888	0.012		0.490	0.015	G	0.56	0.02	H	7.9504	0.0011	0.011	86		7.93	7.97		C			1							S
34215	7.760	0.009	5.934	0.005		1.513	0.005	G	1.64	0.15	K	5.8898	0.0013	0.009	87		5.88	5.90					1							S
34216	8.780	0.012	8.705	0.014		0.068	0.017	T	0.08	0.02	L	8.7383	0.0017	0.014	113		8.72	8.76					1							
34217	6.248	0.018	6.133	0.018	*	0.102	0.012	G	0.12	0.01	R *	6.2100	0.0009	0.008	75	*	6.20	6.23		D	07057+5245	I 1	2 C	A	AB	149	4.178	0.004	0.16	0.01	S
34218	7.789	0.009	7.875	0.012	A	0.300	0.351	G	−0.05	0.06	L *	7.8342	0.0009	0.009	89	*	7.82	7.85		D	07057+2100	I 1	2 C	A	AB	268	1.847	0.044	3.37	0.09	S
34219	8.380	0.007	8.473	0.009	A	−0.061	0.400	G	−0.07	0.03	L *	8.4140	0.0019	0.018	174	*	8.39	8.45			07057−2048	I 1	2 C	A	AB	112	2.403	0.030	3.22	0.09	
34220	8.544	0.008	8.672	0.010		−0.154	0.009	G	−0.15	0.01	H	8.7066	0.0015	0.017	173		8.68	8.73					1							
34221	7.187	0.010	7.315	0.013		−0.111	0.015	T	−0.10	0.02	L	7.2688	0.0042	0.072	80		7.24	7.48	2.79	P 1 A			1							S P
34222	11.895	0.138	10.335	0.052		1.340	0.007	G	1.55	0.01	I	10.2476	0.0034	0.025	76		10.21	10.31		C	07057+2728	I 1	1							G P
34223	9.863	0.023	8.833	0.016		0.886	0.022	T	0.89	0.02	L	8.8971	0.0016	0.013	124		8.88	8.93					1							
34224	10.206	0.026	9.868	0.030		0.321	0.037	T	0.37	0.05	L	9.9391	0.0024	0.034	138		9.88	9.99					1							
34225	9.162	0.017	9.137	0.022		0.028	0.026	T	0.04	0.02	L	9.1716	0.0034	0.019	75		9.13	9.21		C			1							
34226						0.600	0.495	G	0.51	0.07	B	9.1831	0.0014	0.014	78		9.16	9.21		R	07057+2608	I 1	S							G
34227	8.232	0.005	8.370	0.007		−0.119	0.007	T	−0.10	0.01	L	8.3611	0.0013	0.020	258		8.33	8.39					1							
34228	8.765	0.013	8.356	0.013		0.387	0.017	T	0.45	0.02	L	8.4289	0.0015	0.013	91		8.40	8.45					1							
34229	8.774	0.014	6.842	0.006		1.638	0.013	T	2.07	0.04	O	6.7145	0.0026	0.020	76		6.68	6.74		U 2			1 S							S
34230	10.666	0.047	9.527	0.029		1.109	0.020	G	1.07	0.02	R	9.5802	0.0050	0.029	73		9.53	9.62		U			1							G
34231	7.681	0.008	7.697	0.010		−0.010	0.012	T	0.01	0.01	L	7.7257	0.0014	0.009	69		7.71	7.74		C			1							S
34233	8.492	0.015	7.932	0.013		0.556	0.015	G	0.63	0.01	H	7.9808	0.0019	0.013	84		7.96	8.01		C			1							S
34234	6.375	0.005	6.466	0.007	*	−0.062	0.002	G	−0.04	0.00	H *	6.4824	0.0020	0.013	80	*	6.46	6.50		M	07058−1040	I 1	2 C	B	AB	282	6.560	0.032	3.96	0.15	S P
34235	9.640	0.017	8.879	0.014		0.679	0.017	T	0.74	0.01	L	8.9438	0.0015	0.019	128		8.91	8.98		D	07057+8337	I 1	1							
34236	8.363	0.010	8.213	0.012		0.210	0.012	G	0.23	0.01	H	8.2199	0.0014	0.011	85		8.20	8.24		C			1							
34237	9.245	0.019	9.051	0.023		0.186	0.028	T	0.20	0.03	L	9.1562	0.0015	0.014	83		9.13	9.18		C			1							
34238	8.562	0.006	6.674	0.003		1.568	0.005	T	1.59	0.01	L	6.6068	0.0013	0.014	222		6.59	6.63		U 2			1							S
34239	7.873	0.011	7.320	0.012		0.517	0.004	G	0.59	0.00	H	7.3727	0.0010	0.008	69		7.36	7.39		C			1							S
34240	9.470	0.025	9.068	0.025		0.380	0.033	T	0.44	0.04	L	9.1494	0.0026	0.023	67		9.11	9.20					1							
34241	8.289	0.011	7.129	0.007		0.996	0.010	T	0.97	0.01	L	7.1964	0.0012	0.008	83		7.18	7.21					1							S
34242	9.225	0.018	8.987	0.020		0.210	0.015	G	0.23	0.02	H	9.0198	0.0028	0.018	65		8.99	9.05		C			1							
34243	9.182	0.017	9.158	0.022		0.027	0.026	T	0.04	0.02	L	9.1944	0.0022	0.015	83		9.17	9.23		C			1							
34244	8.143	0.011	6.986	0.008		0.993	0.011	T	0.97	0.01	L	7.0472	0.0012	0.006	66		7.03	7.06					1 S							S
34245	10.007	0.024	9.692	0.027		0.299	0.034	T	0.34	0.05	L	9.7858	0.0033	0.028	95		9.73	9.84					1							
34246	7.187	0.005	7.180	0.006		−0.018	0.002	G	0.00	0.00	H	7.2069	0.0007	0.007	122		7.19	7.22		C	07060−4220	I 2	1							S
34247	9.462	0.020	7.658	0.009	*	1.562	0.009	G	1.58	0.01	J *	7.5667	0.0027	0.025	88	*	7.54	7.61		R	07060+3345	H 1	2 C S A		AB	182	0.115	0.005	0.51	0.41	S
34248	6.159	0.003	6.311	0.004		−0.131	0.004	T	−0.12	0.01	L	6.2920	0.0015	0.015	153		6.27	6.33		U 2			1 G							S P
34249	9.777	0.021	8.485	0.012		1.099	0.019	T	1.06	0.02	L	8.5537	0.0016	0.016	130		8.53	8.58					1							
34250	7.941	0.007	6.533	0.004		1.190	0.006	T	1.15	0.01	L	6.5693	0.0005	0.005	131		6.56	6.58					1							S
34251	10.144	0.022	10.243	0.036		−0.085	0.038	T	−0.07	0.04	L	10.2443	0.0023	0.028	170		10.19	10.28		C			1							G
34252	9.261	0.019	8.781	0.018		0.450	0.015	G	0.52	0.02	H	8.8429	0.0015	0.017	119		8.82	8.88			07060−4220	I 2	1							
34253	6.954	0.005	6.169	0.003		0.702	0.003	G	0.72	0.04	E	6.2292	0.0007	0.006	127		6.22	6.24					1							S
34254	9.554	0.018	8.791	0.014		0.692	0.002	G	0.75	0.00	H	8.8519	0.0016	0.015	133		8.83	8.88		C			1							
34255	8.640	0.011	8.611	0.014		0.031	0.016	T	0.05	0.01	L	8.6261	0.0018	0.019	110		8.59	8.65					1							
34256	9.176	0.015	8.897	0.016		0.265	0.021	T	0.30	0.03	L	8.9377	0.0023	0.019	97		8.91	8.98					1							
34257	9.702	0.019	8.002	0.009		1.419	0.017	T	1.40	0.03	L	7.9466	0.0013	0.012	88		7.91	7.97		C			1 G							
34258	9.344	0.021	7.592	0.010		1.461	0.018	T	1.47	0.03	L	7.5759	0.0014	0.010	72		7.56	7.59		C			1							S
34259	10.203	0.036	9.520	0.031		0.631	0.039	T	0.70	0.04	L	9.5436	0.0020	0.019	81		9.52	9.59		C			1							
34260	9.400	0.018	8.210	0.011		1.019	0.016	T	0.99	0.01	L	8.2716	0.0011	0.009	103		8.25	8.29					1							S
34261	9.594	0.022	7.645	0.009		1.652	0.020	T	2.05	0.06	O	7.5205	0.0021	0.020	100		7.50	7.55		U	07061−4558	I 1	1							S
34262	8.151	0.011	8.177	0.013	*	−0.022	0.015	T	0.00	0.01	L *	8.2652	0.0065	0.075	81	*	8.22	8.53		U 2	07061−1257	I 1	2 C	A	BA	330	2.659	0.010	0.08	0.02	S
34263	8.663	0.014	8.668	0.017	*	−0.037	0.005	G	−0.01	0.01	H *	8.6310	0.0021	0.017	76	*	8.61	8.66		D	07062−0917	I 1	2 C	A	AB	88	0.960	0.005	1.16	0.02	
34264	8.025	0.010	7.698	0.011		0.310	0.014	T	0.36	0.02	L	7.7556	0.0014	0.012	78		7.73	7.78					1							S
34265	9.699	0.024	9.301	0.026		0.377	0.033	T	0.44	0.04	L	9.3746	0.0025	0.021	74		9.35	9.41		C			1							
34266	8.811	0.012	7.047	0.006		1.470	0.011	T	1.48	0.02	L	7.0233	0.0011	0.010	94		7.00	7.04			07062+2452	I 1	1							S
34267	6.695	0.006	5.651	0.004		0.909	0.001	G	0.91	0.00	H	5.7102	0.0005	0.005	78		5.70	5.72		C			1							S
34268	10.884	0.055	9.000	0.020		1.565	0.046	T	1.58	0.05	L	8.9593	0.0026	0.019	81		8.93	9.00					1							
34269	11.712	0.105	10.682	0.065		1.161	0.010	G	1.29	0.02	A	10.6683	0.0028	0.025	91		10.63	10.71		C			1							G
34270	7.792	0.006	6.584	0.005		1.039	0.001	G	1.03	0.04	E	6.6385	0.0008	0.009	121		6.62	6.65					1							S
34271	9.147	0.015	8.339	0.012		0.702	0.003	G	0.75	0.00	H	8.3903	0.0020	0.015	92		8.36	8.41					1							
34272	8.624	0.013	8.665	0.017		−0.064	0.007	G	−0.04	0.01	H	8.6744	0.0022	0.015	71		8.65	8.70		C			1							
34273	7.050	0.005	7.162	0.007		−0.110	0.020	G	−0.09	0.02	H	7.1565	0.0012	0.009	88		7.14	7.18					1							S
34274	9.827	0.021	8.202	0.011		1.360	0.019	T	1.33	0.02	L	8.1920	0.0020	0.018	97		8.17	8.22			07064+6251	I 1	1							
34275	7.469	0.006	7.489	0.008		−0.020	0.015	G	0.00	0.01	H	7.5010	0.0009	0.010	122		7.49	7.52		C			1							S
34276	6.515	0.003	6.517	0.004		−0.008	0.002	G	0.01	0.00	H	6.5260	0.0009	0.007	111		6.51	6.54					1							S
34277	10.459	0.037	9.039	0.019		1.199	0.033	T	1.16	0.03	L	9.0685	0.0019	0.017	119		9.04	9.10		C			1							
34278						0.574	0.072	G	0.65	0.07	R	11.2459	0.0047	0.040	94		11.15	11.32		C			1							G
34279	9.782	0.025	9.829	0.038		0.013	0.038	G	0.03	0.04	H	9.8072	0.0025	0.019	73		9.76	9.84		C			1							G
34280	11.011	0.052	10.151	0.038		0.754	0.049	T	0.80	0.04	L	10.2342	0.0026	0.025	106		10.20	10.27		C			1							G
34281	8.667	0.008	8.824	0.011		−0.119	0.015	G	−0.10	0.02	H	8.7921	0.0020	0.024	237		8.75	8.83					1							
34282	10.121	0.025	9.368	0.020		0.673	0.024	T	0.73	0.02	L	9.4366	0.0024	0.021	125		9.40	9.48					1							
34283	7.436	0.009	7.570	0.009		−0.140	0.014	G	−0.13	0.02	H	7.5549	0.0023	0.015	83		7.53	7.58		U			1							S
34284	12.083	0.133	10.762	0.065		1.122	0.116	T	1.08	0.12	L	10.7089	0.0048	0.033	92		10.64	10.77		C			1 X							G
34285	10.147	0.027	9.567	0.024		0.487	0.004	G	0.56	0.00	H	9.6362	0.0023	0.019	103		9.60	9.67		C			1							
34286	10.069	0.033	9.439	0.030		0.586	0.039	T	0.66	0.04	L	9.5239	0.0022	0.017	69		9.49	9.55		C			1							
34287	8.733	0.018	8.706	0.024		0.000	0.010	G	0.02	0.01	H	8.6897	0.0059	0.071	84		8.64	8.82	1.18	P 1 A			1							
34288	7.967	0.009	7.723	0.010		0.233	0.013	T	0.26	0.02	L	7.7789	0.0015	0.012	102		7.76	7.80					1							S
34289	10.069	0.024	8.844	0.015		1.047	0.022	T	1.02	0.02	L	8.8764	0.0020	0.018	110		8.84	8.91					1							
34290	9.478	0.019	8.319	0.013		0.995	0.018	T	0.97	0.01	L	8.3813	0.0020	0.013	81		8.36	8.40					1							
34291	7.997	0.008	7.922	0.010		0.068	0.012	T	0.08	0.01	L	7.9489	0.0011	0.011	112		7.93	7.96		C			1							S
34292	8.223	0.010	8.235	0.012		−0.006	0.014	T	0.01	0.01	L	8.2555	0.0014	0.011	100		8.24	8.27		C			1							
34293	9.629	0.020	9.092	0.019		0.511	0.021	T	0.58	0.02	L	9.1422	0.0021	0.017	99		9.12	9.18		C			1							
34294	8.915	0.010	8.439	0.010		0.448	0.013	T	0.52	0.01	L	8.4976	0.0017	0.018	144		8.47	8.53					1							
34295	8.551	0.006	7.439	0.004		0.958	0.006	T	0.95	0.00	L	7.4909	0.0008	0.013	238		7.47	7.52					1							S
34296	9.346	0.013	7.899	0.007		1.220	0.012	T	1.18	0.01	L	7.9261	0.0011	0.017	155		7.90	7.96					1							S
34297	6.324	0.004	6.466	0.005		−0.124	0.006	T	−0.07	0.02	A	6.4538	0.0009	0.007	79		6.44	6.48					1							S
34298	9.553	0.019	9.029	0.018		0.501	0.020	T	0.57	0.02	L	9.0855	0.0019	0.014	102		9.06	9.11		C			1							
34299	9.637	0.024	9.702	0.035		−0.055	0.038	T	−0.03	0.04	L	9.5978	0.0086	0.202	70		9.55	10.06		P 1 A			1							G
34300	8.972	0.015	7.660	0.009		1.114	0.014	T	1.08	0.01	L	7.7205	0.0013	0.013	73		7.69	7.74					1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
34301	H	07 06 40.77	−11 17 38.5	5.41	1	G	106.669 869 50	−11.294 018 75	A	1.15	−3.27	1.96	0.92	0.82	0.92	1.06	0.78	+20	+1	−20	−16	−30	+16	−28	−36	+21	+13	2	0.15
34302		07 06 41.29	−14 30 06.3	12.65		H	106.672 041 80	−14.501 745 90		−8.10	−1.26	0.41	3.53	3.43	4.81	4.23	3.87	−36	+14	−22	−10	+27	−28	+23	−28	+9	−39	0	1.63
34303		07 06 44.63	−30 00 05.5	9.71		G	106.685 956 34	−30.001 525 51		1.51	−3.16	5.92	0.86	0.90	1.23	0.92	1.12	+9	+23	−12	+45	+7	+11	+9	+6	+8	+10	0	2.39
34304		07 06 44.93	+28 12 53.1	8.40		H	106.687 192 47	+28.214 755 36		3.66	1.50	−1.30	1.16	0.66	1.20	1.54	0.95	−6	+24	−3	+21	+17	+8	+28	−38	+1	+15	0	1.06
34305		07 06 45.12	−44 47 57.0	8.95		H	106.687 993 08	−44.799 162 66		6.63	−1.98	−0.40	0.73	0.83	0.89	0.75	1.02	+7	−13	−14	−26	−18	+21	−18	−21	−1	−2	0	−0.33
34306		07 06 45.22	−15 39 25.3	10.60		H	106.688 403 39	−15.657 016 70		1.04	−6.07	2.14	1.36	1.64	2.22	1.96	1.99	−41	+15	−35	+13	+27	−31	+14	−17	+17	−54	3	0.25
34307		07 06 45.94	−51 18 11.7	8.57		H	106.691 405 32	−51.303 260 14		4.81	0.62	31.23	0.68	0.64	0.74	0.77	0.74	+1	+23	−5	+10	−1	−4	−3	−9	+1	−11	0	−0.84
34308		07 06 47.42	−67 00 58.2	7.30		H	106.697 600 88	−67.016 167 78		4.36	2.56	−25.47	0.50	0.48	0.51	0.41	0.58	+12	+13	+8	−51	−15	−8	−11	−3	−2	−5	1	1.65
34309		07 06 47.50	+00 23 20.4	9.60		G	106.697 930 31	+00.389 006 96		7.44	20.86	−23.02	1.24	0.86	1.44	1.31	1.04	−19	+43	−5	−26	+7	−21	+6	−33	+3	−22	0	1.80
34310		07 06 47.96	−58 22 51.6	8.74	2	H	106.699 828 49	−58.380 993 23		2.44	9.03	9.49	0.71	0.78	0.79	0.81	0.98	−7	−5	+18	−7	−5	−14	+3	+25	−8	−19	0	−0.48
34311		07 06 50.07	+32 47 22.8	8.27		H	106.708 627 05	+32.789 674 94		17.17	207.48	−75.26	1.13	0.69	1.36	1.79	0.95	−6	+20	−33	+2	−22	+41	+12	−49	+41	+49	0	0.77
34312		07 06 50.35	+36 46 50.8	9.50		H	106.709 799 12	+36.780 764 14		4.70	5.17	−19.32	1.47	0.82	1.57	1.93	1.31	−1	+36	−22	+11	−11	+9	+3	−30	+22	+21	0	−0.71
34313		07 06 50.41	−02 44 52.6	8.12		H	106.710 049 86	−02.747 940 67		1.88	−4.19	0.47	0.78	0.63	1.01	0.78	0.60	−11	+31	−33	−22	−8	−7	−2	−38	+20	+14	0	0.62
34314		07 06 50.89	−24 22 49.0	9.95		H	106.712 045 96	−24.380 269 71		−1.47	0.37	6.55	0.81	1.11	1.56	1.01	1.63	+4	−5	−10	+37	−4	−12	+0	+3	−16	+20	1	1.32
34315		07 06 51.59	+41 18 35.8	8.79		G	106.714 965 90	+41.309 950 96		5.19	4.94	−29.65	1.20	0.65	1.26	1.34	0.78	−16	+45	−10	+21	−6	−5	+5	−26	+4	+8	0	0.76
34316		07 06 52.00	−10 02 54.3	9.48		G	106.716 674 83	−10.048 425 45		0.51	−0.91	−3.18	1.49	1.12	1.76	1.56	1.25	−9	+38	−15	−32	+7	−7	+9	−42	+6	+10	2	0.75
34317		07 06 52.16	+23 58 10.1	10.13		H	106.717 344 31	+23.969 461 06		30.68	−88.03	−207.44	2.00	1.06	1.65	2.37	1.38	+47	+25	−5	−53	−43	−12	−41	−64	−2	+56	5	−0.17
34318		07 06 52.48	−24 57 38.1	6.09		H	106.718 682 19	−24.960 580 78		3.36	−12.51	3.76	0.32	0.43	0.62	0.33	0.52	+11	+5	−9	+40	−11	+1	−11	+5	+5	+19	0	−0.45
34319		07 06 53.24	−64 00 15.0	9.07		H	106.721 818 93	−64.004 179 32		0.30	−16.44	38.78	0.95	0.87	0.95	1.19	1.07	−10	+25	+2	+15	−6	−8	−11	−13	+2	−31	3	0.55
34320		07 06 53.36	+55 11 23.0	8.34		H	106.722 336 34	+55.189 715 59		16.11	−20.19	−106.05	0.97	0.73	1.18	0.98	0.75	−44	+35	−18	+36	+22	+15	+21	−28	−1	−44	0	−0.04
34321		07 06 53.61	+62 32 49.8	8.12		H	106.723 368 66	+62.547 166 35	A	2.20	6.76	10.40	1.53	1.19	1.53	1.63	1.33	−3	+27	−10	+34	+5	+6	−1	−12	+5	−18	5	1.35
34322		07 06 55.26	−45 03 04.6	8.67		H	106.730 243 97	−45.051 273 55		7.15	−16.01	10.48	0.66	0.79	0.85	0.73	1.03	−3	−6	−13	−8	−15	+26	−15	−11	−2	−6	1	−0.70
34323		07 06 55.52	+32 27 11.9	8.50		H	106.731 327 59	+32.453 311 11		5.42	−6.31	−13.60	1.24	0.79	1.47	2.31	1.12	−1	+30	−30	+13	−23	+46	+15	−45	+29	+62	2	2.00
34324		07 06 55.83	+56 38 06.9	8.97		H	106.732 638 85	+56.635 246 02		0.67	−2.77	−9.81	0.97	0.69	1.21	1.02	0.69	−17	+24	−8	+42	+26	+7	+22	−25	−17	−13	0	−0.39
34325	H	07 06 56.44	−11 19 38.5	7.62		G	106.735 157 59	−11.327 350 42	A	−0.72	−4.38	3.54	1.41	1.21	1.45	1.63	1.34	+1	−1	+2	−23	−19	+3	−16	−36	+8	+10	3	0.28
34326		07 06 56.48	−07 33 26.5	7.86	2	H	106.735 312 76	−07.557 352 95		2.20	1.58	−6.15	0.88	0.69	1.02	0.95	0.73	−1	+19	−11	−38	−3	+6	+0	−53	+1	+19	2	2.69
*34327		07 06 57.65	+62 32 57.5	9.34		H	106.740 195 69	+62.549 309 92	B	5.18	−0.54	4.93	6.21	4.39	5.00	5.61	4.61	+5	+20	−3	+35	+5	+6	−2	−17	+1	−12	5	1.35
*34328		07 06 57.58	+13 24 10.3	7.78		H	106.739 905 74	+13.402 872 25		2.50	−2.89	−3.18	0.80	0.52	0.91	0.85	0.60	−7	+36	−16	−10	+5	−30	+2	−19	+3	−4	2	−1.17
34329		07 06 59.04	+42 52 03.1	8.70		H	106.746 007 76	+42.867 529 54		18.05	−8.89	−22.35	1.05	0.73	1.22	1.29	0.90	−40	+35	−25	−8	−6	−3	+3	−36	+18	−27	0	−0.16
34330		07 06 59.34	−05 28 17.9	7.32		H	106.747 264 36	−05.471 646 48		1.48	−1.50	1.27	0.79	0.59	0.95	0.86	0.63	−18	+31	−36	−36	+14	−7	+15	−36	+14	+12	0	0.42
34331		07 06 59.99	−26 39 24.3	6.61		H	106.749 960 75	−26.656 763 32		2.23	−3.32	3.86	0.38	0.44	0.65	0.48	0.53	+13	+12	−9	+20	−11	+15	−6	+5	+18	+23	0	0.08
34332		07 07 00.17	−18 56 36.2	9.08		H	106.750 723 61	−18.943 386 96		1.19	7.39	−6.15	1.02	0.82	1.36	1.47	1.04	−23	+34	−7	+41	−4	+8	+0	−6	+20	−28	0	−0.02
34333		07 07 00.87	+49 28 16.3	7.74		H	106.753 620 29	+49.471 192 09		3.79	−9.31	−0.12	0.80	0.57	0.92	1.02	0.74	−16	+25	−4	+2	−19	−21	−15	−11	+19	−22	0	−0.71
34334		07 07 02.53	−55 46 16.8	9.34		H	106.760 559 64	−55.771 323 52		15.23	0.15	136.01	0.87	0.88	0.94	0.98	1.06	+0	+17	+11	+19	−2	+6	−6	−2	−2	−19	0	−0.04
34335		07 07 02.83	−25 46 51.2	7.31		H	106.761 806 56	−25.780 878 69		4.05	−7.13	6.01	0.40	0.52	0.75	0.46	0.63	+12	+2	−17	+15	−11	+10	−10	−1	+15	+15	0	−0.17
34336		07 07 05.42	+41 57 34.8	8.52		H	106.772 579 20	+41.959 665 94		6.62	5.48	−25.46	0.96	0.61	1.09	1.20	0.80	−3	+27	+12	−9	−14	−5	−12	−36	−2	+0	0	−0.27
34337		07 07 05.60	+09 52 45.7	7.89		G	106.773 332 52	+09.879 354 52		7.12	22.12	−20.46	0.80	0.50	0.98	1.02	0.67	+0	+16	−11	−16	−6	−23	−5	−28	−3	+28	0	0.37
34338		07 07 06.48	+04 54 38.2	6.10		H	106.777 002 98	+04.910 598 36		4.60	−16.25	−6.74	0.66	0.43	0.78	0.66	0.48	+3	+32	−28	−32	−19	−15	−19	−36	+14	+13	0	1.29
34339		07 07 07.09	−40 53 35.9	5.80		H	106.779 524 59	−40.893 295 60		3.87	−10.62	11.30	0.39	0.45	0.50	0.41	0.56	+10	+4	−2	−4	−1	+6	−1	+17	−7	+8	0	−0.73
34340		07 07 09.21	+32 06 33.8	9.31		H	106.788 357 67	+32.109 376 83		5.73	−20.25	−27.46	1.54	0.87	1.78	2.77	1.25	−2	−10	−14	+4	−10	+49	+12	−44	+26	+42	0	2.34
34341		07 07 09.30	+03 26 53.1	9.84		G	106.788 755 08	+03.448 081 84		37.38	10.64	−270.74	1.45	0.98	1.58	1.79	1.37	+8	+42	−4	−44	−21	−22	−22	−54	−4	+19	0	1.71
34342		07 07 09.58	−29 32 22.5	7.35	2	H	106.789 934 56	−29.539 573 45		3.74	18.25	11.72	0.51	0.60	0.82	0.60	0.77	+11	+7	−9	+25	+4	+23	+8	+4	+15	+20	0	−1.13
34343		07 07 10.11	+54 34 54.9	9.26	2	H	106.792 111 25	+54.581 921 55		−0.79	10.37	−0.31	1.11	0.83	1.47	1.12	0.82	−39	+41	−26	+24	+17	+10	+18	−43	−6	−27	0	0.27
34344		07 07 10.30	−12 21 44.9	8.30		H	106.792 911 17	−12.362 476 60		−0.43	−5.16	0.38	0.98	0.78	1.13	1.15	0.84	+4	+24	−22	−18	−11	−2	−10	−38	+4	+7	0	−1.84
34345		07 07 10.55	+45 23 44.7	8.91		H	106.793 975 74	+45.395 747 82		2.55	−2.64	−14.08	1.11	0.76	1.31	1.33	0.88	−14	+38	−12	−17	−11	+6	−3	−46	+3	+8	0	−0.12
*34346		07 07 11.47	−40 32 15.8	7.99		G	106.797 810 39	−40.537 731 23		1.25	−1.98	−8.60	0.53	0.62	0.70	0.53	0.76	+8	+7	+7	+0	−2	−3	−3	+12	−15	+1	0	−0.80
*34347		07 07 11.47	−09 06 39.9	9.35		H	106.797 775 63	−09.111 084 48		−1.72	−3.62	1.66	1.20	0.85	1.39	1.34	0.98	+8	+41	−15	+0	+6	−6	+1	−33	+9	−6	0	−0.75
34348		07 07 12.44	−16 36 05.1	9.78		H	106.801 829 14	−16.601 424 58		4.29	11.78	−159.33	1.18	1.05	1.54	1.30	1.31	−27	+17	−20	−11	+19	−23	+15	−20	+6	−39	0	2.43
34349		07 07 13.30	−51 58 06.2	5.96		G	106.805 420 82	−51.968 387 90		5.78	−11.91	42.99	0.46	0.44	0.50	0.52	0.49	−4	+19	−4	+5	−2	−16	−3	+2	+3	−15	1	2.45
34350		07 07 16.28	−59 42 59.2	6.46		H	106.817 848 92	−59.716 438 58		2.24	−7.35	9.28	0.46	0.46	0.48	0.50	0.55	−6	+4	+8	+8	−11	−7	−10	+10	+10	−24	1	1.37
34351		07 07 16.92	+24 10 06.6	6.73	2	H	106.820 505 34	+24.168 491 21		1.76	7.28	−22.22	1.00	0.57	0.86	1.23	0.71	+44	+14	−15	−49	−43	−6	−42	−61	+0	+56	2	−0.40
34352		07 07 17.67	−20 17 05.7	8.09		H	106.823 604 97	−20.284 926 23		0.04	−5.66	29.08	0.64	0.81	1.07	0.74	1.14	−43	+16	−22	−26	+16	−12	+12	−16	−7	−34	0	0.05
34353		07 07 18.14	−34 26 19.6	8.83		H	106.825 599 13	−34.438 782 31	A	13.58	−10.70	0.13	1.30	1.45	1.62	1.41	1.84	−7	+4	+8	+25	−2	+23	−1	+12	−1	+2	2	0.65
34354		07 07 18.22	−05 17 52.4	9.63		H	106.825 902 75	−05.297 891 79		−0.01	−2.01	2.65	1.12	0.85	1.34	1.27	0.94	−20	+29	−26	−33	+11	−3	+12	−35	+11	+2	0	0.35
34355		07 07 20.69	−09 34 59.6	8.33	2	G	106.836 200 22	−09.583 218 30		−0.77	−1.42	−0.94	0.92	0.69	1.12	1.02	0.80	+0	+35	−22	−19	+6	−15	+5	−29	+7	+9	4	−0.74
34356		07 07 21.28	+22 42 12.7	7.53	3	H	106.838 653 16	+22.703 540 04	*	−6.22	−3.78	−0.89	5.98	1.35	6.50	2.82	1.81	−57	−94	+58	−44	+14	+30	+37	−76	−38	+6	0	0.88
34357		07 07 21.69	−09 59 06.5	7.02		H	106.840 364 49	−09.985 140 88		1.90	−2.26	0.52	0.75	0.55	0.88	0.75	0.61	+2	+38	−14	−30	+2	−7	+5	−39	+5	+19	0	−0.52
34358		07 07 22.41	+34 00 33.7	5.94		H	106.843 380 53	+34.009 361 65		4.79	−18.27	−30.43	0.92	0.48	0.95	1.03	0.60	+8	+51	−20	+7	−16	+7	−2	−31	+10	+39	2	−0.60
*34359	H	07 07 22.59	+35 31 58.7	9.39		G	106.844 129 74	+35.532 968 53	A	3.71	−3.32	−5.93	6.86	2.57	3.43	4.30	2.94	−46	−1	−12	+3	−5	−2	−5	−15	+40	+4	0	−0.15
*34360		07 07 22.59	−23 50 26.6	5.75	2	H	106.844 121 20	−23.840 734 35	*	1.10	−2.55	5.11	0.49	0.61	0.74	0.61	0.85	+0	+11	−4	−46	+11	−11	+12	−41	+3	−10	7	−0.05
34361		07 07 22.80	−21 27 25.5	11.11		G	106.844 994 98	−21.457 074 42		58.04	195.20	−210.99	1.42	1.67	2.46	1.84	2.42	−29	+22	−22	−6	+13	−16	+12	+6	+6	−23	0	2.16
34362		07 07 22.86	+51 47 55.3	8.68	2	H	106.845 257 04	+51.798 681 28		1.84	−2.35	3.60	1.00	0.73	1.15	1.31	0.91	−29	+29	−18	+24	−6	−2	+2	−19	+4	−9	0	0.62
34363		07 07 23.14	−01 32 12.5	8.76		H	106.846 436 66	−01.536 811 19		4.20	−5.51	−15.17	1.02	0.72	1.17	1.13	0.90	−3	+27	−6	−40	−4	−20	−6	−40	+5	−11	0	−0.17
34364		07 07 23.61	−14 03 06.7	8.00		H	106.848 391 69	−14.051 871 41		1.12	−4.10	−0.12	0.94	0.68	1.07	0.84	0.70	−11	+36	−22	−41	+7	−33	+1	−36	+0	+5	0	0.61
34365		07 07 24.13	−63 57 49.1	10.19		G	106.850 524 54	−63.963 627 88		13.70	−19.78	305.73	1.27	1.13	1.26	1.60	1.42	−10	+16	+6	+10	−4	−15	−7	−13	+7	−32	0	1.53
34366		07 07 24.31	+47 05 51.7	9.26		H	106.851 279 93	+47.097 690 48		6.85	−33.98	−31.45	1.26	0.98	1.37	1.56	1.13	−41	+21	+2	−33	+25	+5	+29	−65	−11	−22	4	0.17
34367		07 07 24.88	+28 10 36.1	6.47		H	106.853 676 04	+28.176 695 53		5.94	−7.19	−0.38	0.85	0.45	0.89	1.07	0.65	+5	+42	−4	+18	−3	+8	+10	−27	+13	+26	6	−0.42
34368		07 07 25.37	−13 26 52.4	8.91		H	106.855 728 66	−13.447 884 23		0.77	−0.94	3.21	0.96	0.81	1.19	1.05	0.95	−1	+17	−20	−34	−6	−11	−6	−38	+16	+11	0	−0.39
34369		07 07 26.07	+20 31 01.4	8.31		H	106.858 630 27	+20.517 046 10		3.37	0.13	5.13	0.98	0.63	1.09	1.07	0.73	−17	+29	−15	−16	+18	−23	+12	−41	−9	−11	0	−0.78
34370		07 07 27.83	−52 12 16.8	6.60		H	106.865 965 75	−52.204 675 01		3.96	−20.82	51.31	0.51	0.45	0.53	0.55	0.54	−9	+25	−14	−11	+2	−11	+5	−3	+12	−25	1	0.85
34371		07 07 27.88	−25 36 12.7	8.23		H	106.866 181 90	−25.603 524 05		1.84	−1.58	4.63	0.44	0.63	0.87	0.46	0.73	+8	−2	−18	+25	−12	+0	−14	+9	+12	+7	1	0.49
34372		07 07 29.81	+18 19 56.1	8.99		H	106.874 203 43	+18.332 261 45		3.01	−3.55	1.18	1.05	0.73	1.17	1.29	0.92	−12	+15	+8	−1	+15	−20	+13	−38	−16	−14	0	0.19
34373		07 07 32.76	−43 51 53.3	8.41		H	106.886 492 57	−43.864 799 53		5.01	−1.97	36.03	0.60	0.73	0.74	0.63	0.87	+6	+1	−7	+5	−19	+10	−20	+6	−1	+1	0	1.53
34374		07 07 34.62	−85 01 35.4	8.45		H	106.894 250 28	−85.026 505 40		4.92	−12.35	37.41	0.62	0.59	0.67	0.78	0.76	−8	+21	+4	−2	+3	−15	+1	−18	+4	−27	0	1.16
34375		07 07 35.42	+47 47 27.6	8.41		H	106.897 595 78	+47.791 012 45		5.04	−13.67	−38.24	0.92	0.68	1.08	1.21	0.80	−10	+15	−17	−29	−18	+10	−10	−43	+17	+6	0	0.10
34376		07 07 35.81	+14 20 32.7	8.45		H	106.899 199 02	+14.342 429 65		3.00	16.82	20.02	1.18	0.69	1.38	1.49	0.95	+4	+35	−17	−16	+9	−43	+0	−35	+0	+3	0	1.00
34377		07 07 40.11	−43 58 42.6	8.19		H	106.917 128 30	−43.978 496 56		5.35	−9.78	24.18	0.58	0.65	0.70	0.63	0.79	+14	+1	−1	+0	−19	+8	−22	−8	−4	+5	0	−0.17
34378	H	07 07 40.20	−16 42 24.4	9.49		H	106.917 499 78	−16.706 778 79	A	0.95	−0.37	2.67	1.67	2.08	1.91	1.67	1.71	+2	+30	−21	+0	+16	−20	+12	−11	+1	−25	3	−0.99
34379		07 07 40.61	−10 40 06.7	10.79		G	106.919 219 93	−10.668 524 28		−3.31	−2.09	−1.41	2.33	1.79	2.52	2.79	2.08	+24	−10	−31	−54	−33	+29	−27	−60	+21	+40	3	1.20
34380		07 07 41.70	+33 11 44.4	7.45		H	106.923 744 24	+33.195 653 49		5.47	26.91	−0.11	1.04	0.57	1.08	1.50	0.79	+3	+41	−29	+17	−9	+16	+18	−34	+21	+55	0	−0.05
34381		07 07 42.66	−76 02 57.0	7.67		H	106.927 768 10	−76.049 161 69		2.50	4.77	−21.88	0.60	0.52	0.58	0.69	0.59	−7	+22	+10	−29	+6	+1	+8	−22	+3	−32	0	0.53
34382		07 07 44.68	−32 23 35.9	8.52		H	106.936 169 15	−32.393 315 78		2.62	−6.50	15.17	0.61	0.76	0.88	0.68	0.89	−1	−16	+3	+26	−14	+4	−16	+10	+10	+3	0	1.25
34383		07 07 46.17	−30 30 06.1	8.82		H	106.942 395 80	−30.501 696 21		2.38	−12.50	6.22	0.63	0.76	1.00	0.74	0.85	+6	+6	−15	+26	−8	+12	−7	−9	+18	+0	0	1.73
34384		07 07 46.59	+10 52 28.4	9.18		H	106.944 127 08	+10.874 560 17	A	0.65	−1.44	−0.85	2.45	1.58	2.15	2.41	1.72	+1	+29	−9	−33	−4	−13	−2	−40	+5	+9	0	0.62
*34385		07 07 46.98	−03 22 15.7	7.87	2	H	106.945 749 30	−03.371 022 49		2.24	−3.01	−0.75	0.84	0.62	0.96	0.77	0.59	+19	+38	+4	−40	−20	−8	−18	−50	−1	+25	0	−2.02
*34386	H	07 07 46.97	−67 56 12.8	8.00		G	106.945 711 91	−67.936 882 41	A	2.22	−2.93	8.81	0.92	0.78	0.79	1.04	0.86	−4	+14	+6	+0	+5	+1	+4	−6	−5	−17	2	0.72
34387		07 07 49.48	+07 28 16.7	5.74		G	106.956 187 23	+07.471 294 91		5.74	6.69	−33.29	0.73	0.44	0.86	0.70	0.51	−19	+43	−23	−26	−1	−13	−1	−41	+11	−17	0	1.12
34388		07 07 49.59	−35 48 52.0	7.34		H	106.956 637 86	−35.814 442 86		5.85	−2.79	−11.51	0.50	0.58	0.68	0.52	0.63	−1	−3	+3	+10	−3	+7	−3	+20	−3	−4	0	−0.97
34389		07 07 49.92	+58 31 42.0	8.80		G	106.957 992 81	+58.528 334 00		5.55	7.36	3.50	0.94	0.62	1.23	1.11	0.70	+12	+18	−21	+52	+11	−6	+1	+3	−2	+0	0	−0.27
34390		07 07 50.57	−34 56 37.7	9.06		H	106.960 717 97	−34.943 798 56		2.21	−7.82	1.73	0.73	0.77	0.95	0.87	1.00	−1	−2	+3	−6	−1	−2	−2	+10	−1	+4	0	0.05
*34391		07 07 50.91	−29 25 57.4	7.96		H	106.962 132 98	−29.432 618 49		1.69	−11.05	−14.67	0.57	0.62	0.89	0.68	0.81	+7	−3	−10	+11	+5	+7	+6	−11	+14	+7	1	1.44
*34392		07 07 50.87	+67 12 05.1	11.17		G	106.961 956 88	+67.201 416 56		56.51	−290.00	−43.59	1.13	1.48	2.19	1.06	1.53	−5	+16	−7	−48	+0	−6	+0	−45	+7	−2	2	0.85
34393	H	07 07 52.46	−15 42 01.9	7.22		G	106.968 576 25	−15.700 520 36	*	2.09	0.32	−9.40	1.05	0.96	0.94	0.92	0.95	−40	+21	−15	+16	+17	−8	+22	−4	+17	−45	1	−0.43
34394		07 07 52.69	−29 45 48.7	9.67		H	106.969 534 88	−29.763 522 96		3.45	−3.20	3.16	0.77	0.86	1.17	0.90	1.13	+3	+6	−9	+31	+7	+13	+11	+1	+8	+7	0	−0.48
34395		07 07 52.92	−11 54 50.4	8.77		H	106.970 503 42	−11.914 008 18		1.03	−6.34	1.55	1.01	0.80	1.22	1.13	0.92	+8	+31	−9	−17	−12	−8	−8	−37	+11	+9	0	−2.25
34396		07 07 53.06	−34 50 01.5	8.03	2	G	106.971 068 57	−34.833 759 19		16.95	−10.12	148.36	0.56	0.60	0.75	0.66	0.68	−1	−5	+12	+11	−5	+6	−5	−3	+3	+0	0	−2.65
34397		07 07 53.32	−40 27 18.6	8.85		G	106.972 163 16	−40.455 172 36		1.38	−6.05	7.00	0.57	0.67	0.76	0.59	0.83	+10	+15	+1	+3	−2	−3	−4	+17	−15	+5	0	1.02
34398		07 07 55.67	−48 55 01.7	8.86		H	106.981 960 94	−48.917 139 52		3.47	−6.70	7.21	0.76	0.75	0.85	0.93	0.83	−7	+7	−14	+7	−24	−7	−23	+2	+5	−24	2	−0.97
34399		07 07 55.90	−56 39 51.4	8.89		H	106.982 899 00	−56.664 279 93		1.57	−4.72	8.74	0.76	0.78	0.78	0.84	0.93	−20	−14	+15	+36	−19	−9	−20	+11	+1	−23	0	−0.84
34400		07 07 56.86	−27 45 07.6	8.37		H	106.986 932 97	−27.752 109 52		1.44	−0.76	0.03	0.59	0.76	1.03	0.74	0.98	−2	+5	−11	+11	−1	+5	−1	+10	−10	+6	0	0.89

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
34301	5.413	0.003	5.421	0.004	*	0.033	0.004	G	0.05	0.00	H *	5.4112	0.0013	0.011	84	*	5.40	5.43		U 2	07067−1118	I 1	2 C A	AB	116	0.571	0.003	1.36	0.01	S
34302											T	12.7609	0.0202	0.128	67		12.53	13.00					1							D Y
34303	9.700	0.016	9.669	0.023		−0.010	0.020	G	0.01	0.02	H	9.7106	0.0029	0.029	162		9.65	9.76					1							G
34304	10.044	0.030	8.527	0.015		1.275	0.026	T	1.23	0.03	L	8.5549	0.0013	0.011	81		8.54	8.58		C			1							
34305	9.364	0.020	8.982	0.020		0.373	0.024	T	0.44	0.03	L	9.0355	0.0016	0.014	106		9.01	9.06		C			1							S
34306	10.778	0.052	10.626	0.069		0.146	0.081	T	0.16	0.08	L	10.6508	0.0048	0.042	109		10.59	10.73					1							G
34307	9.892	0.022	8.667	0.014		1.047	0.020	T	1.02	0.02	L	8.7356	0.0015	0.012	99		8.71	8.76		C			1							
34308	8.483	0.011	7.392	0.006		0.943	0.010	T	0.93	0.01	L	7.4599	0.0009	0.009	138		7.44	7.48		C			1							S
34309	10.012	0.029	9.585	0.029		0.420	0.015	G	0.49	0.02	H	9.6885	0.0037	0.023	75		9.65	9.72		C			1							G
34310	10.391	0.030	8.923	0.015		1.256	0.028	T	3.90	0.05	O	8.2527	0.0109	0.102	112		8.10	8.49		U 2			1 S							
34311	8.951	0.019	8.335	0.017		0.617	0.015	G	0.69	0.01	H	8.3987	0.0018	0.015	71		8.38	8.42		C			1							
34312	10.331	0.042	9.605	0.035		0.666	0.044	T	0.73	0.04	L	9.6414	0.0026	0.023	68		9.60	9.67		C			1							
34313	8.128	0.010	8.128	0.012		0.005	0.014	T	0.03	0.01	L	8.1345	0.0016	0.014	85		8.12	8.16					1							S
34314	9.972	0.023	9.956	0.032		0.019	0.036	T	0.04	0.03	L	9.9618	0.0027	0.035	171		9.90	10.02					1 S							G
34315	9.458	0.022	8.846	0.020		0.601	0.015	G	0.67	0.01	H	8.9163	0.0017	0.014	80		8.90	8.94		C			1							
34316	11.350	0.085	9.639	0.030		1.400	0.010	G	1.38	0.01	H	9.6919	0.0027	0.020	78		9.65	9.72		C			1							D
34317	11.536	0.107	10.249	0.053		1.220	0.020	G	1.37	0.04	I	10.2492	0.0032	0.025	85		10.21	10.28		C			1 S							G
34318	7.826	0.005	6.235	0.003		1.341	0.001	G	1.32	0.04	E	6.2399	0.0006	0.009	257		6.23	6.26					1							S
34319	10.388	0.032	9.199	0.020		1.018	0.029	T	0.99	0.02	L	9.2348	0.0018	0.019	94		9.20	9.27		C			1							
34320	9.079	0.013	8.425	0.012		0.607	0.015	T	0.68	0.01	L	8.4727	0.0014	0.015	106		8.45	8.50					1							S
34321	9.692	0.025	8.237	0.015	A	1.227	0.023	T	1.19	0.02	L	8.2913	0.0048	0.025	101	A	8.24	8.33		D	07069+6233	I 2	1 C P B							S
34322	9.137	0.016	8.692	0.016		0.434	0.018	T	0.50	0.02	L	8.7676	0.0017	0.013	96		8.74	8.79					1							
34323	9.585	0.030	8.613	0.022		0.853	0.028	T	0.87	0.02	L	8.6571	0.0028	0.022	70		8.61	8.70					1							
34324	10.534	0.033	9.115	0.017		1.198	0.029	T	1.16	0.03	L	9.1397	0.0017	0.022	102		9.11	9.19		C			1							
34325	7.579	0.009	7.654	0.011	A	−0.008	0.046	G	−0.06	0.03	L *	7.6161	0.0016	0.011	78	*	7.60	7.64		D	07069−1119	I 1	2 C B	AB	308	2.423	0.042	3.38	0.19	S
34326	12.774	0.391	8.448	0.015		2.450	0.510	G	3.27	0.36	P	7.6725	0.0287	0.184	73		7.45	7.95		U 2 C			1 S							
34327	9.809	0.028	9.342	0.028	B	0.440	0.037	T	0.51	0.04	L	9.4309	0.0086			B				D	07069+6233	I 2	1 C I B							
34328	7.695	0.009	7.765	0.012		−0.059	0.014	T	−0.04	0.01	L	7.7707	0.0010	0.012	90		7.75	7.80		D			1							S
34329	9.534	0.017	8.795	0.014		0.677	0.018	T	0.74	0.01	L	8.8419	0.0019	0.020	124		8.81	8.88					1							
34330	7.832	0.009	7.370	0.007		0.435	0.010	T	0.50	0.01	L	7.4183	0.0010	0.009	86		7.40	7.44		C			1							S
34331	6.367	0.003	6.570	0.004		−0.175	0.004	G	−0.18	0.01	H	6.5452	0.0009	0.009	183		6.53	6.56					1							S
34332	10.755	0.040	9.244	0.018		1.271	0.034	T	1.23	0.04	L	9.2422	0.0021	0.025	132		9.20	9.29		C			1							
34333	8.013	0.010	7.765	0.012		0.236	0.015	G	0.26	0.02	H	7.8144	0.0016	0.016	90		7.79	7.84					1							S
34334	10.182	0.026	9.399	0.021		0.695	0.025	T	0.75	0.02	L	9.4721	0.0034	0.022	96		9.44	9.51					1							
34335	9.203	0.011	7.463	0.005		1.451	0.010	T	1.45	0.02	L	7.4453	0.0011	0.013	228		7.43	7.47					1							S
34336	9.067	0.016	8.551	0.015		0.485	0.020	T	0.56	0.02	L	8.6225	0.0014	0.014	92		8.60	8.65		C			1							
34337	8.245	0.012	7.911	0.011		0.317	0.015	T	0.37	0.02	L	7.9680	0.0009	0.010	91		7.95	7.98		C			1							S
34338	5.939	0.003	6.079	0.004		−0.129	0.006	G	−0.12	0.01	H	6.0625	0.0006	0.006	103		6.05	6.08		C			1							S
34339	5.582	0.002	5.765	0.003		−0.158	0.003	T	−0.16	0.00	L	5.7450	0.0005	0.005	122		5.74	5.76					1							S
34340	9.821	0.033	9.362	0.033		0.433	0.043	T	0.50	0.05	L	9.4084	0.0022	0.018	72		9.38	9.44		C			1							
34341	11.708	0.119	10.058	0.041		1.270	0.006	G	1.48	0.02	A	9.9396	0.0027	0.017	83		9.91	9.97		C			1 G							G
34342	9.423	0.013	7.561	0.006		1.580	0.012	T	2.17	0.05	O	7.4155	0.0066	0.060	157		7.34	7.51	20.89	P 1 A			1 S							
34343	11.382	0.088	9.503	0.028		1.594	0.076	T	2.55	0.10	O	9.2718	0.0096	0.090	98		9.18	9.45		U 2			1							P
34344	9.722	0.027	8.398	0.016		1.124	0.025	T	1.09	0.03	L	8.4646	0.0025	0.015	82		8.43	8.49		C			1							
34345	9.366	0.018	8.967	0.018		0.408	0.015	G	0.47	0.02	H	9.0058	0.0017	0.018	89		8.98	9.04		C			1							
34346	9.908	0.021	8.148	0.009		1.459	0.020	G	1.45	0.02	A	8.1413	0.0012	0.013	124		8.11	8.16					1							
34347	9.316	0.018	9.287	0.023		−0.050	0.015	G	−0.03	0.01	H	9.3393	0.0021	0.017	78		9.31	9.37		C			1							G
34348	10.610	0.048	9.856	0.040		0.683	0.002	G	0.74	0.00	H	9.9189	0.0034	0.024	94		9.88	9.97					1							G
34349	7.221	0.005	6.071	0.003		0.996	0.003	G	0.97	0.04	E	6.1204	0.0007	0.006	101		6.11	6.13		D			1 S							S
34350	6.303	0.003	6.434	0.004		−0.113	0.010	G	−0.10	0.01	H	6.4237	0.0006	0.006	111		6.41	6.43		C			1							S
34351	8.875	0.014	6.937	0.006		1.643	0.013	T	2.09	0.04	O	6.8056	0.0028	0.027	86		6.78	6.86		U 2	07073+2410	I 1	1 S							S P
34352	9.977	0.019	8.236	0.009		1.452	0.017	T	1.45	0.03	L	8.2254	0.0019	0.018	166		8.20	8.26					1							
34353	9.378	0.016	8.827	0.015	A	0.522	0.016	T	0.59	0.02	L	8.9411	0.0108	0.037	134	A	8.89	9.01		D	07073−3426	M 1	2 C A	AB	341	12.849	0.017	2.03	0.08	
34354	9.472	0.020	9.594	0.029		−0.106	0.031	T	−0.09	0.04	L	9.5993	0.0023	0.018	80		9.57	9.63		C			1							G
34355	8.491	0.010	8.335	0.012		0.151	0.000	G	0.17	0.00	H	8.4051	0.0051	0.044	84		8.33	8.47		U 2			1							
34356						2.100	0.510	G	2.63	0.36	P	7.5292	0.4569	1.544	71		6.87	10.65	370.00	P 1 B	07073+2241	I 1	1 V							G P
34357	7.116	0.005	7.026	0.006		0.081	0.007	T	0.09	0.01	L	7.0501	0.0012	0.007	84		7.04	7.06					1							S
34358	7.900	0.007	6.098	0.004		1.507	0.015	G	1.54	0.02	H	6.0661	0.0008	0.005	80		6.06	6.07		C			1							S
34359	9.851	0.030	9.358	0.029	*	0.415	0.015	G	0.48	0.02	H *	9.4746	0.0027	0.020	74	*	9.44	9.51		D	07074+3532	M 1	2 C A	AB	278	0.350	0.008	0.54	0.14	
34360	5.603	0.006	5.739	0.008		−0.117	0.009	T	−0.10	0.01	L	5.7159	0.0035	0.105	175		5.61	5.88		U 2 C			1 V							S
34361						1.440	0.013	G	1.77	0.03	I	11.1350	0.0046	0.047	132		11.05	11.24					1 S							G
34362	10.843	0.052	8.922	0.019		1.629	0.046	T	2.48	0.09	O	8.7104	0.0114	0.070	80		8.61	8.82	28.42	P 1 A			1							
34363	10.131	0.033	8.870	0.020		1.075	0.030	T	1.04	0.03	L	8.9231	0.0013	0.015	71		8.90	8.95					1							
34364	7.891	0.011	7.974	0.014		−0.071	0.016	T	−0.05	0.02	L	7.9788	0.0017	0.012	70		7.96	8.00		C			1							
34365	11.224	0.065	10.307	0.049		0.776	0.003	G	0.82	0.00	H	10.3369	0.0030	0.031	97		10.28	10.38					1							G
34366	10.099	0.037	9.313	0.030		0.714	0.037	T	0.77	0.03	L	9.4063	0.0024	0.017	82		9.37	9.45					1							
34367	6.365	0.004	6.450	0.006		−0.081	0.010	G	−0.06	0.01	H	6.4504	0.0008	0.006	82		6.44	6.46		C			1							S
34368	8.882	0.015	8.899	0.019		−0.011	0.022	T	0.01	0.02	L	8.9134	0.0015	0.016	82		8.89	8.95		C			1							
34369	10.164	0.031	8.480	0.014		1.407	0.027	T	1.39	0.03	L	8.4475	0.0018	0.012	86		8.42	8.47		C			1							
34370	8.420	0.012	6.759	0.006		1.389	0.011	T	1.36	0.01	L	6.7471	0.0009	0.008	111		6.73	6.76		C			1							S
34371	8.167	0.006	8.217	0.008		−0.042	0.009	T	−0.02	0.01	L	8.2251	0.0012	0.016	227		8.20	8.25					1							
34372	9.193	0.018	9.007	0.021		0.178	0.026	T	0.20	0.03	L	9.0500	0.0021	0.014	74		9.02	9.07		C			1							
34373	8.635	0.011	8.445	0.012		0.174	0.016	T	0.19	0.02	L	8.4687	0.0021	0.017	120		8.44	8.50					1							
34374	8.697	0.010	8.476	0.011		0.211	0.014	T	0.23	0.02	L	8.5194	0.0017	0.017	122		8.49	8.55					1							
34375	8.641	0.013	8.397	0.014		0.200	0.015	G	0.22	0.02	H	8.4740	0.0020	0.016	84		8.45	8.51		C			1							
34376	9.699	0.027	8.538	0.017		0.997	0.025	T	0.98	0.02	L	8.6228	0.0016	0.012	62		8.60	8.64		C			1							S
34377	8.443	0.009	8.217	0.010		0.210	0.013	T	0.23	0.01	L	8.2507	0.0014	0.014	120		8.23	8.28		C			1							S
34378	9.576	0.021	9.463	0.027	*	0.110	0.032	T	0.12	0.03	L *	9.5364	0.0023	0.019	93	*	9.50	9.58		D	07077−1642	H 1	2 C A	AB	17	0.416	0.017	2.31	0.10	G
34379						0.100	0.015	G	0.11	0.02	H	10.8699	0.0054	0.036	67		10.80	10.93		C			1							G
34380	8.654	0.013	7.586	0.009		0.925	0.012	T	0.92	0.01	L	7.6157	0.0012	0.009	77		7.60	7.63		C			1							S
34381	9.474	0.016	7.816	0.008		1.386	0.014	T	1.36	0.02	L	7.8120	0.0011	0.012	120		7.79	7.83					1							S
34382	9.870	0.019	8.644	0.012		1.047	0.018	T	1.02	0.01	L	8.6904	0.0022	0.024	136		8.66	8.74					1							
34383	8.862	0.011	8.815	0.013		0.043	0.015	T	0.06	0.01	L	8.8434	0.0018	0.021	147		8.80	8.87		C			1							
34384	9.044	0.016	9.098	0.021	A	−0.045	0.024	T	−0.02	0.02	L	9.1717	0.0450	0.028	86	A	9.13	9.21			07078+1052	I 1	2 C D	AB	54	20.289	0.048	1.70	0.22	D
34385	10.168	0.034	8.086	0.012		1.762	0.030	T	2.34	0.07	O	7.9198	0.0059	0.048	74		7.85	7.99		U 2			1							P
34386	7.909	0.007	8.021	0.009	A	−0.085	0.003	G	−0.07	0.00	H *	7.9623	0.0009	0.010	107	*	7.94	7.98		D	07078−6756	I 1	2 C A	AB	21	2.393	0.014	2.80	0.06	S
34387	7.251	0.005	5.872	0.003		1.176	0.001	G	1.17	0.04	E	5.9066	0.0004	0.004	100		5.90	5.92		C			1							S
34388	8.945	0.011	7.449	0.006		1.259	0.010	T	1.22	0.01	L	7.4972	0.0011	0.012	130		7.48	7.52					1							S
34389	9.057	0.013	8.837	0.014		0.217	0.009	G	0.24	0.01	H	8.8643	0.0020	0.019	107		8.83	8.90		C			1							
34390	10.660	0.041	9.169	0.019		1.255	0.036	T	1.21	0.04	L	9.2245	0.0018	0.016	134		9.19	9.25		C			1							
34391	9.324	0.013	8.090	0.008		1.054	0.012	T	1.02	0.01	L	8.1307	0.0014	0.014	153		8.10	8.16		C			1							
34392						1.499	0.020	G	2.06	0.15	I	11.2307	0.0036	0.048	228		11.13	11.31					1							G
34393	8.135	0.008	7.309	0.008	*	0.778	0.015	G	0.81	0.01	H *	7.3565	0.0008	0.010	106	*	7.34	7.37		D	07079−1542	I 1	2 C A	AB	305	0.238	0.005	0.78	0.11	S
34394	9.596	0.016	9.633	0.023		−0.029	0.026	T	−0.01	0.03	L	9.6695	0.0030	0.027	158		9.62	9.72					1							G
34395	8.747	0.014	8.718	0.018		0.027	0.020	T	0.04	0.02	L	8.7859	0.0025	0.018	85		8.76	8.81		C			1							
34396	8.773	0.011	8.129	0.010		0.606	0.015	G	0.68	0.01	H	8.1461	0.0126	0.120	138		8.04	8.35	0.37	P 1 A			1							S
34397	8.765	0.010	8.848	0.014		−0.046	0.005	G	−0.02	0.01	H	8.8262	0.0018	0.015	128		8.80	8.85					1							
34398	9.976	0.024	8.948	0.017		0.895	0.022	T	0.90	0.02	L	9.0176	0.0017	0.020	114		9.00	9.06		C			1							
34399	10.172	0.030	8.958	0.018		1.038	0.027	T	1.01	0.02	L	9.0554	0.0017	0.017	107		9.02	9.08		C			1							
34400	9.904	0.023	8.504	0.013		1.183	0.021	T	1.14	0.02	L	8.5383	0.0016	0.017	172		8.50	8.57					1							

Number HIP		Descriptor: epoch J1991.25 RA (h m s)	Dec (±° ′ ″)	V (mag)			Position: epoch J1991.25 α (ICRS) deg	δ deg		Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ mas/yr	Standard Errors α* mas	δ mas	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ mas/yr	Astrometric Correlations (%) δ/α*	π/α*	π/δ	$\mu_{\alpha*}$/α*	$\mu_{\alpha*}$/δ	$\mu_{\alpha*}$/π	μ_δ/α*	μ_δ/δ	μ_δ/π	μ_δ/$\mu_{\alpha*}$	Soln F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
34401	H	07 07 56.87	−04 40 40.4	6.92	1	H	106.986 948 87	−04.677 875 94	A	3.39	−18.27	9.75	1.59	1.15	1.40	1.24	0.93	−32	+24	−22	−53	+22	−14	+20	−40	+3	−28	1	0.71
34402		07 07 57.20	+40 46 57.5	8.30		H	106.988 339 14	+40.782 637 47		5.92	6.09	−35.38	1.16	0.64	1.20	1.52	0.85	−11	+39	−21	+30	−4	−5	+12	−17	+13	+23	0	1.34
34403		07 07 57.67	+41 15 31.0	8.68		H	106.990 290 26	+41.258 609 35		7.67	−8.43	−4.34	1.16	0.64	1.21	1.45	0.88	−16	+39	−12	+25	−6	−7	+5	−19	+11	+2	0	2.11
34404		07 07 58.13	+41 38 34.4	8.49		H	106.992 210 48	+41.642 897 29		3.50	1.55	−2.80	1.00	0.60	1.08	1.26	0.80	−2	+33	+13	+13	−6	−10	+0	−22	−1	+8	2	0.38
34405		07 07 59.45	+02 41 09.8	9.12	2	H	106.997 726 74	+02.686 065 40		−3.22	−2.28	1.09	1.04	0.71	1.17	1.20	0.85	+3	+25	−10	−31	−13	−10	−13	−40	+1	+15	0	0.83
34406		07 08 00.18	+04 13 19.2	8.54		H	107.000 769 14	+04.221 995 75		1.94	−8.00	3.18	1.00	0.69	1.16	0.99	0.73	+1	+30	−34	−36	−14	−18	−22	−31	+2	+17	0	0.33
34407		07 08 00.27	+15 31 44.8	7.80		G	107.001 137 28	+15.529 098 01		21.96	−51.42	−206.54	0.95	0.60	1.05	1.07	0.84	−7	+23	−11	−10	−6	−18	−11	−28	+18	−31	0	−0.46
34408		07 08 01.76	+55 25 11.9	8.87		H	107.007 334 47	+55.419 979 68		3.26	6.62	−17.40	1.07	0.82	1.33	1.06	0.81	−48	+33	−18	+34	+22	+14	+21	−33	−5	−45	0	−1.80
34409		07 08 01.81	−27 45 25.0	8.12		H	107.007 535 09	−27.756 945 66		19.75	−22.06	68.97	0.53	0.64	0.92	0.66	0.80	+2	+2	+3	+14	+1	−2	+2	+3	+1	+12	0	0.62
34410		07 08 02.35	−51 57 27.8	9.13		G	107.009 801 47	−51.957 735 95		6.81	−66.31	104.30	0.81	0.76	0.86	0.88	0.87	−12	+20	−9	−5	−2	−16	−3	−4	+4	−19	1	0.62
34411	H	07 08 02.76	+35 51 41.9	8.56		G	107.011 486 86	+35.861 649 52	*	10.11	−47.58	−54.47	1.26	0.65	1.27	1.52	0.93	−23	+45	−15	+35	−6	+2	+7	−17	+11	−2	0	−0.43
34412		07 08 03.02	−28 34 36.7	8.54		G	107.012 583 75	−28.576 863 00		1.26	−3.39	2.40	0.59	0.71	0.99	0.74	0.91	+6	−3	−15	+24	+1	−5	+0	+12	−5	+5	1	0.33
34413		07 08 03.44	−11 55 23.8	6.65	2	H	107.014 332 46	−11.923 283 76		0.44	−6.22	2.82	0.70	0.56	0.82	0.81	0.63	+6	+20	−16	−13	−11	−3	−9	−37	+15	+8	0	−1.39
34414		07 08 04.34	+29 50 06.8	8.32		H	107.018 100 55	+29.835 210 44		44.92	−157.21	−295.43	1.23	0.65	1.43	1.40	0.88	−14	+49	−39	+15	−24	+23	+8	−38	+35	+34	0	−1.71
34415		07 08 06.16	−39 17 12.3	8.92		H	107.025 652 09	−39.286 746 13		1.93	0.26	14.01	0.62	0.73	0.86	0.67	0.91	−3	−7	−14	+0	−8	+13	−6	+16	−20	−11	0	−0.68
34416		07 08 06.30	+44 02 24.0	6.84		H	107.026 266 51	+44.039 996 42		5.56	4.16	−5.65	0.74	0.49	0.88	0.86	0.57	−8	+40	−7	−9	−7	−9	−5	−38	−7	+9	0	1.33
34417		07 08 06.65	−57 19 52.3	6.87		G	107.027 708 68	−57.331 204 62		16.81	−16.73	33.65	0.50	0.53	0.54	0.55	0.70	−7	−8	+4	+25	−11	+2	−12	+20	−12	−13	0	0.33
34418		07 08 08.07	+21 54 46.3	8.23		H	107.033 607 82	+21.912 853 38		3.44	−10.37	−0.17	0.93	0.53	0.94	1.20	0.66	+19	+31	−10	+0	−9	−13	−3	−31	+0	+44	2	1.11
34419		07 08 08.61	+08 36 28.4	8.86		H	107.035 865 29	+08.607 879 76		5.33	−0.20	−23.86	0.97	0.61	1.17	1.01	0.74	−43	+35	−12	−21	+12	−11	+20	−41	+17	−24	0	−1.74
34420		07 08 08.62	+39 36 07.3	8.64		H	107.035 921 14	+39.602 032 82		1.51	−1.87	13.55	1.27	0.84	1.51	1.87	1.10	−1	+20	−30	+11	−28	+24	−5	−43	+36	+31	2	0.74
34421		07 08 09.31	−00 03 56.6	10.37	2	H	107.038 801 72	−00.065 715 34		2.28	−2.73	−2.45	1.83	1.22	1.88	2.10	1.49	+25	+13	−11	−49	−29	−6	−30	−52	+4	+21	0	−0.46
*34422		07 08 09.43	+55 51 06.5	8.33		G	107.039 297 54	+55.851 795 97		4.43	−3.57	−60.20	0.90	0.69	1.10	0.95	0.68	−34	+25	−17	+32	+29	+4	+26	−30	−1	−32	0	−0.41
*34423		07 08 09.43	−09 58 07.6	8.85		G	107.039 272 28	−09.968 771 38		34.84	−199.18	28.25	1.14	0.90	1.37	1.28	0.98	+12	+30	−20	−29	−16	−3	−13	−43	+11	+14	2	−1.75
34424		07 08 10.95	−31 25 40.2	7.06		H	107.045 632 97	−31.427 834 05		12.14	33.14	−54.94	0.46	0.54	0.71	0.56	0.66	+9	+5	−14	+0	−6	+2	−6	−12	+9	+11	0	1.13
34425	H	07 08 11.27	+63 38 42.8	9.86		H	107.046 976 22	+63.645 215 39	*	1.96	8.40	4.52	1.33	0.93	1.54	1.87	1.15	−4	+22	−12	+18	−2	+23	+1	−15	+5	−3	0	2.76
34426		07 08 12.02	+15 31 16.9	7.70		H	107.050 065 49	+15.521 364 31		22.23	−56.97	−212.48	0.94	0.58	1.04	1.04	0.81	−2	+24	−10	−12	−4	−21	−11	−31	+18	−32	0	−0.57
34427		07 08 12.55	−54 37 45.9	9.42	2	H	107.052 306 05	−54.629 430 51		3.23	8.96	−2.08	0.82	0.86	0.93	0.97	1.04	−8	+3	+25	+1	+5	+23	−5	−22	−1	−27	0	0.77
34428		07 08 13.28	+33 49 56.8	6.31		H	107.055 324 98	+33.832 456 59		3.88	−7.76	−28.16	0.93	0.49	0.97	1.04	0.62	+1	+51	−26	+15	−12	+13	+10	−29	+22	+38	2	0.60
34429		07 08 14.79	−23 25 54.1	8.63	2	H	107.061 630 46	−23.431 706 71		−0.97	−1.26	2.53	0.58	0.73	1.18	0.79	1.09	+11	−2	−11	−16	+9	−8	+10	−15	+2	+11	0	−1.89
34430		07 08 14.82	+42 31 26.3	8.60		H	107.061 739 41	+42.523 975 97		5.44	−4.79	−27.71	1.07	0.69	1.18	1.25	0.85	−28	+44	−14	−17	+1	−4	+6	−43	+9	−22	0	−0.72
34431		07 08 15.24	−22 26 25.3	9.13	3	H	107.063 504 00	−22.440 365 62		2.33	−7.89	6.28	0.59	0.72	1.13	0.79	1.06	+17	+4	−6	−3	+3	−9	+3	−24	−9	+21	0	0.98
34432		07 08 16.53	−33 22 25.0	7.92		H	107.068 866 51	−33.373 602 17		6.24	−18.89	1.38	0.54	0.69	0.79	0.61	0.94	−8	+11	−11	+28	+6	+17	+11	−2	+3	−4	1	0.99
34433		07 08 19.45	+20 51 56.9	7.96		G	107.081 035 04	+20.865 809 55		6.05	−14.24	−18.67	0.84	0.52	0.93	0.92	0.56	+3	+23	−22	+2	+2	−19	−1	−28	+0	+10	0	−0.60
34434	H	07 08 20.38	+52 41 08.8	9.12		H	107.084 936 70	+52.685 779 25	*	5.47	−0.06	1.55	1.30	1.02	1.56	1.82	1.30	−17	−2	+33	−23	+13	+25	+8	−55	−31	−19	0	−1.11
34435		07 08 20.98	+61 14 31.9	8.27	2	H	107.087 407 06	+61.242 194 31		1.14	−8.57	−17.47	0.79	0.72	1.10	1.12	0.98	+8	+13	−17	+19	−4	+15	+2	−33	+4	+16	2	0.09
34436		07 08 21.04	−41 54 38.3	9.42		H	107.087 668 96	−41.910 644 10		2.21	13.30	−26.88	0.77	0.99	1.01	0.80	1.25	−5	+9	−12	−14	−4	−8	−8	−17	−3	−8	0	−1.13
34437		07 08 21.84	+16 08 06.3	6.99		H	107.090 989 94	+16.135 075 84		4.87	24.60	−30.89	0.87	0.54	0.98	0.89	0.62	−7	+33	−19	−7	+6	−16	+7	−39	+18	−9	0	−0.47
34438		07 08 21.89	−20 51 33.7	6.82	1	G	107.091 205 48	−20.859 360 03		0.61	0.72	−5.31	0.50	0.58	0.85	0.60	0.81	−31	+22	−26	−13	+5	−5	+3	−5	+1	−21	0	0.11
34439		07 08 21.98	+33 16 05.0	7.51		H	107.091 597 55	+33.268 048 54		6.65	6.60	−26.79	1.12	0.63	1.15	1.70	0.94	+24	+36	−26	−9	−37	+30	−10	−52	+32	+65	0	−0.41
34440		07 08 22.04	+15 55 51.3	5.47		H	107.091 843 20	+15.930 926 42		10.68	−5.02	−103.52	0.74	0.46	0.82	0.77	0.53	+2	+26	−14	−7	−1	−14	−2	−33	+18	−8	0	−1.05
34441		07 08 22.36	+07 52 53.1	7.02		H	107.093 180 27	+07.881 410 65		6.19	−13.07	−7.79	0.76	0.46	0.95	0.79	0.55	−25	+45	−19	−24	+3	−28	+2	−34	+0	+4	2	0.24
34442		07 08 22.60	−50 06 00.8	7.69		H	107.094 151 90	−50.100 228 94		5.61	7.79	−32.71	0.57	0.51	0.63	0.63	0.61	+6	+26	+2	−1	−6	−10	−9	+5	−15	+5	0	−0.59
34443		07 08 23.20	−11 51 08.6	7.72		H	107.096 659 78	−11.852 380 61		−0.87	−4.90	1.20	0.80	0.63	0.93	0.98	0.75	+4	+19	−11	−13	−8	−7	−7	−35	+9	+4	0	−1.01
34444		07 08 23.49	−26 23 35.5	1.83	1	G	107.097 858 53	−26.393 207 76		1.82	−2.75	3.33	0.33	0.37	0.56	0.40	0.47	+17	+9	−9	+17	−5	+11	−2	+2	+16	+25	0	−0.16
34445	H	07 08 24.53	−47 31 15.4	9.27		H	107.102 211 06	−47.520 936 71	A	1.89	−2.11	7.32	1.49	1.47	1.50	1.61	1.62	−7	−5	−11	−21	+1	+19	+2	−26	+3	−30	0	0.25
34446		07 08 24.72	−54 28 59.0	8.45		H	107.102 981 27	−54.483 063 07		2.00	−1.01	−6.70	0.78	0.70	0.78	0.90	0.92	−9	+15	+2	−22	+6	+3	+6	−23	+0	−30	0	−0.29
34447		07 08 27.13	−58 22 20.9	8.01		H	107.113 038 26	−58.372 477 01		3.16	−7.84	12.30	0.56	0.59	0.60	0.67	0.71	−17	+2	+16	+9	−8	−6	−6	+4	−10	−22	0	0.67
34448		07 08 27.68	−18 36 11.1	7.18	1	H	107.115 323 35	−18.603 089 34		3.29	−13.56	20.08	0.70	0.60	0.93	1.00	0.72	−22	+32	−35	+30	+4	+4	+10	−13	+12	−7	0	0.37
34449		07 08 28.06	−75 18 08.2	7.97		H	107.116 935 68	−75.302 279 12		3.62	−17.03	28.81	0.58	0.57	0.60	0.56	0.63	−6	+19	−1	−11	−3	+1	−4	−22	+6	−19	0	0.96
34450		07 08 30.03	+10 55 31.0	7.14		H	107.125 129 26	+10.925 272 69		3.49	−15.76	2.23	0.75	0.48	0.90	0.84	0.55	−6	+33	−18	−12	+0	−36	−5	−18	+3	+6	0	0.94
34451		07 08 30.23	+51 22 22.7	7.96		H	107.125 957 73	+51.372 972 38		2.77	−3.28	−7.92	0.75	0.56	0.90	0.98	0.69	+1	+29	−4	−27	−17	−5	−15	−42	−4	+11	0	0.47
34452		07 08 30.95	+21 59 09.5	9.61		H	107.128 974 30	+21.985 964 58		2.18	−3.88	−4.49	1.22	0.68	1.24	1.57	0.91	+20	+27	−11	−16	−17	−13	−10	−43	+4	+41	0	0.88
34453		07 08 32.13	−06 38 11.8	9.49	2	H	107.133 875 28	−06.636 607 37		0.10	−17.56	−29.26	1.44	0.93	1.74	1.32	1.01	−22	+60	−26	−26	+8	−20	+4	−26	+0	+14	0	1.03
34454		07 08 32.23	−12 53 09.4	7.20		H	107.134 308 38	−12.885 931 17		0.20	−3.41	−0.01	0.76	0.65	0.86	0.79	0.72	+30	−1	−34	−40	−30	+0	−34	−51	+18	+23	0	1.08
34455		07 08 32.39	−23 09 32.4	8.97		H	107.134 968 49	−23.159 013 29		1.30	1.67	−3.34	0.64	0.80	1.22	0.90	1.17	+17	−1	−19	−10	+8	+6	+10	−17	+2	+22	1	−0.81
34456		07 08 33.51	+31 27 58.2	9.88		H	107.139 644 26	+31.466 161 82		4.01	−32.34	−29.16	1.54	0.82	1.59	1.92	1.11	−11	+29	−7	+22	+2	+8	+18	−36	+6	+17	0	−0.12
34457		07 08 33.74	−28 36 47.8	7.54	1	H	107.140 603 18	−28.613 273 30		10.12	−29.18	38.03	0.52	0.61	0.86	0.64	0.71	+10	−3	−10	+23	+0	−3	+0	+5	+6	+9	0	−2.16
34458		07 08 34.43	−18 00 19.1	8.62		H	107.143 478 54	−18.005 293 04		2.31	−5.51	−3.34	0.83	0.81	1.19	1.08	0.99	−15	+21	−31	+15	−5	+0	−2	−28	+23	−15	4	−1.11
34459		07 08 34.63	−17 40 09.3	9.44		H	107.144 309 94	−17.669 239 98		0.32	−8.07	2.98	0.96	0.97	1.38	1.19	1.09	−14	+23	−26	+15	+3	−7	+5	−25	+14	−7	0	1.53
34460		07 08 35.29	+00 27 35.4	7.84		H	107.147 031 57	+00.459 834 51		7.27	−4.88	−0.95	1.52	1.20	1.75	1.81	1.50	−9	−5	+11	−36	+9	+12	+7	−48	−28	−26	0	
34461		07 08 35.65	−36 13 02.6	9.44		H	107.148 535 98	−36.217 381 49		4.40	−12.26	7.54	0.67	0.82	0.94	0.79	0.99	+15	−2	−3	−14	−12	+18	−13	−21	+3	+13	0	−0.73
34462		07 08 36.25	+37 26 42.5	6.19		H	107.151 031 17	+37.445 132 04		4.69	−6.29	−14.94	0.88	0.50	0.88	1.02	0.61	+12	+40	+3	+9	−3	+3	−1	−33	−5	+23	0	0.72
34463		07 08 36.86	+04 10 34.3	7.02	2	H	107.153 596 34	+04.176 180 59		2.51	−3.03	−13.94	0.72	0.46	0.88	0.83	0.58	−9	+42	−22	−25	−4	−18	−2	−32	+8	+20	0	0.10
34464		07 08 37.21	+18 18 04.9	7.44		H	107.155 031 35	+18.301 356 46		2.54	1.16	7.18	0.80	0.51	0.89	0.90	0.62	−13	+29	−13	−16	+17	−24	+11	−38	−12	−7	0	3.16
34465		07 08 37.74	−17 38 05.1	9.48		G	107.157 262 53	−17.634 737 53		−0.77	−2.81	−1.68	1.17	1.17	1.67	1.53	1.36	−12	+19	−21	+17	−3	−17	−3	−26	+18	−12	5	3.12
34466		07 08 38.53	+75 02 50.8	8.77		H	107.160 525 50	+75.047 441 53		3.30	−0.86	−20.18	0.67	0.86	1.08	0.74	1.03	+22	+14	+10	+6	−15	+9	−15	−2	+17	+22	0	−0.36
*34467		07 08 38.86	−17 37 49.1	11.02		H																							
*34468		07 08 38.80	+39 19 49.6	9.91		H	107.161 667 42	+39.330 457 65		6.77	−44.54	−5.50	1.58	0.99	1.90	2.44	1.42	−13	+18	−33	+16	−27	+22	+1	−50	+36	+27	3	−0.65
34469		07 08 38.91	−29 59 54.8	8.91		H	107.162 117 80	−29.998 554 19		7.96	22.65	−111.28	0.68	0.78	1.04	0.79	0.97	+4	+11	−4	+32	+2	+22	+5	−3	+8	+8	0	−0.20
34470		07 08 39.01	−38 38 28.3	9.06		H	107.162 556 41	−38.641 197 23		2.62	−0.47	5.06	0.66	0.75	0.87	0.75	0.95	+5	+9	−8	−21	−4	−4	−3	+0	−5	−7	0	0.19
34471		07 08 40.84	+34 39 14.2	9.58		H	107.170 179 03	+34.653 937 25		3.84	−18.73	11.03	1.53	0.80	1.60	1.77	1.36	+7	+29	+1	+13	−19	−2	−18	−13	+25	−3	0	0.49
34472		07 08 41.62	+66 03 12.5	8.14		H	107.173 402 34	+66.053 478 47		4.46	−8.58	−32.11	0.67	0.62	0.98	0.67	0.71	+14	+19	+1	−27	−3	−1	−1	−43	−5	+19	0	1.37
34473		07 08 42.34	−70 29 50.4	5.68		G	107.176 422 80	−70.497 340 46	B	22.16	17.17	104.08	12.42	9.70	4.14	7.82	5.99	+4	+22	+7	−20	−4	−5	+2	+1	+8	−3	5	1.48
34474		07 08 42.62	+10 01 26.4	7.83	3	H	107.177 570 69	+10.024 010 90		1.36	−7.31	3.74	1.09	0.53	1.34	1.37	0.82	−30	+62	−21	−11	−9	−18	+1	−25	−2	+47	0	0.70
34475		07 08 43.47	−38 01 42.3	9.48		H	107.181 126 14	−38.028 405 95		6.29	−37.01	32.87	0.78	0.86	1.00	0.85	0.98	+10	+10	−5	+0	−6	+6	−5	+11	+4	+5	1	0.29
34476	H	07 08 43.82	+17 39 26.3	7.43		G	107.182 581 85	+17.657 315 56	*	2.57	1.02	−3.49	1.98	1.90	1.15	1.31	0.82	+58	+11	+8	−21	−11	−9	−19	−41	−13	+43	1	−0.30
34477		07 08 44.40	−34 03 36.5	8.91		H	107.184 980 82	−34.060 126 09		3.78	1.16	2.50	0.63	0.67	0.85	0.79	0.91	−3	+5	+5	+26	+5	+16	+6	+4	+9	+1	0	−0.64
34478		07 08 44.47	−23 46 30.6	8.05		H	107.185 280 66	−23.775 156 08		−0.15	−4.29	1.88	0.53	0.66	0.98	0.68	0.85	+5	+3	−11	−20	+16	−10	+15	−24	+11	−5	1	−0.50
34479		07 08 44.77	−18 16 15.1	8.68		G	107.186 550 90	−18.270 873 03	A	1.36	−4.98	4.92	1.53	1.44	1.87	1.74	1.67	−25	+37	−26	−6	+17	+0	+19	−25	+7	−21	5	0.79
*34480		07 08 44.93	+64 22 07.6	8.40		H	107.187 207 59	+64.368 777 45		5.52	−1.92	−29.33	0.75	0.60	1.02	1.09	0.78	+7	+5	+6	+27	+28	+9	+8	−35	−11	−25	1	−1.14
*34481		07 08 44.82	−70 29 57.1	3.78		G	107.186 768 83	−70.499 194 35	A	23.02	23.71	108.06	0.92	0.79	0.69	0.94	0.75	−2	+23	+7	−23	+1	−2	+3	−2	+5	−6	5	1.48
34482		07 08 46.17	+16 29 42.2	7.88		H	107.192 381 44	+16.495 047 11		1.91	−1.29	−1.69	0.97	0.55	1.04	1.03	0.65	−1	+35	−15	+18	+9	−6	+19	−29	+21	+11	0	1.96
34483		07 08 46.21	−25 37 03.7	7.74		H	107.192 527 01	−25.617 683 11		0.83	−1.76	3.58	0.39	0.56	0.77	0.43	0.66	+16	+0	−20	+21	−13	+5	−13	−7	+15	+19	0	0.61
34484	H	07 08 46.75	+16 54 31.7	7.70		H	107.194 773 52	+16.908 808 13	A	1.39	−4.74	8.75	3.52	1.58	3.59	3.43	1.98	+20	+35	−6	−9	−9	−11	+2	−34	+16	+36	2	2.15
34485		07 08 47.43	−15 56 02.9	8.47		G	107.197 644 38	−15.934 149 21		−0.39	1.02	0.45	0.79	0.74	1.11	1.03	0.98	−27	+17	−29	+14	+11	−18	+9	−11	+21	−32	0	−0.62
34486		07 08 48.93	−08 40 36.6	8.42		H	107.203 868 51	−08.676 831 82	A	2.28	−10.39	−5.09	3.18	2.47	2.92	3.05	2.30	−12	+42	−7	−15	+8	+15	+9	−34	+1	−8	8	1.61
34487		07 08 49.06	+26 37 46.3	8.90		H	107.204 400 32	+26.629 537 55		6.72	12.35	−41.09	1.28	0.75	1.35	1.50	1.05	−14	+39	−1	+10	+14	+4	+15	−39	+6	−15	0	0.69
34488		07 08 49.15	−52 09 16.9	8.45		H	107.204 801 25	−52.154 695 63		3.08	5.23	63.48	0.70	0.62	0.70	0.74	0.73	−15	+4	−7	−15	+3	+1	+5	+1	+4	−25	1	−0.94
*34489		07 08 49.41	−24 02 37.7	6.65		H	107.205 854 34	−24.043 800 25		−0.38	−2.49	5.45	0.42	0.46	0.71	0.55	0.59	−3	+15	−16	−25	+21	−12	+21	−20	+18	−9	1	−0.08
*34490		07 08 49.29	−19 55 23.8	8.25		H	107.205 392 59	−19.923 281 46		2.39	−1.93	6.17	0.66	0.77	1.05	0.76	1.13	−38	+18	−13	−8	+2	−23	−1	+8	+3	−33	0	−0.39
34491		07 08 49.68	−08 40 25.3	9.69		H	107.206 982 81	−08.673 691 93	B	7.37	−9.35	−1.56	14.95	11.64	8.22	8.79	6.23	−9	+40	−10	−10	+5	+19	+8	−31	+3	+0	8	1.61
34492		07 08 50.17	+53 05 02.9	9.10		H	107.209 055 33	+53.084 146 58		1.18	−0.47	9.49	1.28	1.05	1.48	1.87	1.25	−34	−14	−1	−46	+19	+34	+25	−67	−2	−18	0	−0.49
34493		07 08 50.77	+23 16 17.5	8.96		H	107.211 554 71	+23.271 538 65		1.19	−0.25	5.32	1.25	0.71	1.26	1.56	1.01	+28	+22	−22	−31	−36	+15	−25	−51	+28	+45	0	−0.39
34494		07 08 51.01	−02 42 12.9	8.65		H	107.212 543 44	−02.703 588 19		2.96	−1.84	0.03	0.96	0.71	1.07	1.03	0.79	+23	+15	−3	−27	−37	−9	−35	−33	+20	−3	2	2.64
34495		07 08 51.08	−39 39 20.4	4.83		H	107.212 818 17	−39.655 673 74		4.34	−10.97	7.01	0.37	0.44	0.49	0.42	0.55	+8	+5	−12	+7	−9	+15	−8	+30	−16	+0	0	−1.15
34496		07 08 52.01	+15 30 49.0	8.69		H	107.216 720 21	+15.513 607 33		5.07	8.21	−21.43	1.26	0.76	1.35	1.30	0.95	+8	+28	+0	−29	−9	−23	−14	−42	+7	−13	0	0.10
34497		07 08 52.43	+33 56 02.1	6.54		H	107.218 465 23	+33.933 916 65		3.57	−13.31	−1.41	0.91	0.48	0.96	1.05	0.67	+5	+45	−18	+10	−11	+6	+6	−28	+25	+28	0	1.20
34498		07 08 53.31	+48 52 10.0	9.17		H	107.222 132 11	+48.869 436 56		6.68	25.59	−23.42	1.12	0.78	1.30	1.39	1.04	−4	+19	−2	+0	−29	−17	−23	−1	+29	−7	2	0.71
34499		07 08 53.85	−11 30 05.4	8.75		H	107.224 363 19	−11.501 511 56		0.29	−3.69	0.78	0.93	0.76	1.10	1.11	0.87	+4	+18	−8	−27	−6	−1	−5	−42	−3	+14	0	−2.37
34500		07 08 54.24	+26 46 05.1	9.04		H	107.225 981 27	+26.768 094 80		1.40	0.12	−11.38	1.15	0.67	1.19	1.32	0.91	+8	+28	+7	+5	+9	−5	+9	−38	+8	−1	0	1.03

52732	49080

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
34401	7.135	0.011	6.822	0.014	*	0.297	0.017	T	0.34	0.02	L *	6.9936	0.0021	0.014	76	*	6.97	7.02	0.23	P 1 A	07079−0441	I 1	2 C A	AB	26	1.712	0.002	0.51	0.01	S
34402	8.534	0.012	8.338	0.013		0.187	0.017	T	0.21	0.02	L	8.3653	0.0021	0.016	79		8.34	8.39					1							S
34403	9.038	0.015	8.719	0.016		0.352	0.001	G	0.41	0.00	H	8.7628	0.0015	0.012	89		8.75	8.79		C			1							
34404	8.563	0.012	8.510	0.015		0.054	0.018	T	0.07	0.01	L	8.5180	0.0015	0.013	81		8.50	8.54		C			1							
34405	9.064	0.016	9.107	0.021		−0.035	0.024	T	−0.01	0.02	L	9.1160	0.0042	0.036	82		9.06	9.17		U 2			1							
34406	9.878	0.026	8.639	0.016		1.057	0.024	T	1.02	0.02	L	8.7111	0.0017	0.014	97		8.69	8.74		C			1							
34407	8.461	0.012	7.874	0.009		0.560	0.015	G	0.63	0.01	H	7.9232	0.0015	0.011	79		7.91	7.94		C	07081+1531	I 2	1							S
34408	10.168	0.025	8.986	0.016		1.013	0.023	T	0.99	0.02	L	9.0338	0.0020	0.018	109		9.00	9.06		C			1							
34409	8.851	0.010	8.187	0.009		0.605	0.010	T	0.67	0.01	L	8.2510	0.0013	0.015	176		8.22	8.28					1							
34410	9.774	0.023	9.188	0.021		0.509	0.001	G	0.58	0.00	H	9.2314	0.0019	0.017	98		9.21	9.26		C			1							
34411	9.192	0.019	8.605	0.017	*	0.510	0.015	G	0.58	0.02	H *	8.6690	0.0017	0.013	84	*	8.64	8.69		C	07080+3552	M 1	2 C S A	BA	191	0.137	0.005	0.17	0.43	
34412	8.332	0.008	8.498	0.011		−0.170	0.015	G	−0.18	0.02	H	8.4821	0.0014	0.016	157		8.45	8.52					1							
34413	10.258	0.037	7.025	0.007		2.550	0.027	T	2.61	0.03	L	6.6533	0.0106	0.202	86		6.39	6.97		U 2 C			1 S							S
34414	9.498	0.019	8.429	0.013		0.907	0.007	G	0.95	0.01	I	8.4636	0.0015	0.014	88		8.44	8.48		C			1							
34415	10.171	0.032	9.021	0.021		0.988	0.030	T	0.97	0.02	L	9.0879	0.0013	0.015	129		9.06	9.12					1							
34416	8.178	0.010	6.932	0.005		1.070	0.015	G	1.03	0.01	I	6.9804	0.0009	0.009	118		6.97	6.99		C			1							S
34417	7.257	0.005	6.906	0.005		0.358	0.004	G	0.42	0.00	H	6.9534	0.0011	0.010	98		6.94	6.97					1							S
34418	8.552	0.012	8.246	0.013		0.291	0.017	T	0.33	0.02	L	8.3067	0.0017	0.015	89		8.29	8.33		C			1							
34419	9.322	0.014	8.891	0.014		0.407	0.018	T	0.47	0.02	L	8.9555	0.0013	0.016	126		8.93	8.98					1							
34420	9.933	0.028	8.744	0.018		1.018	0.026	T	0.99	0.02	L	8.8100	0.0025	0.016	79		8.78	8.84		C			1							
34421	11.285	0.075	10.405	0.055		0.785	0.070	T	0.82	0.05	L	10.5270	0.0459	0.171	67		10.34	10.72	2.71	P 1 A			1 S							G
34422	8.780	0.012	8.367	0.012		0.408	0.015	G	0.47	0.02	H	8.4219	0.0015	0.014	95		8.40	8.44		C			1							S
34423	10.087	0.026	8.965	0.017		0.952	0.008	G	1.02	0.02	A	9.0016	0.0023	0.020	86		8.97	9.04		C			1							
34424	7.604	0.008	7.119	0.006		0.470	0.006	G	0.54	0.01	H	7.1650	0.0011	0.010	123		7.15	7.18		C			1 G							S
34425	11.258	0.068	10.027	0.037	*	1.051	0.060	T	1.02	0.05	L *	10.0328	0.0037	0.032	105	*	9.96	10.08		C	07082+6339	H 1	2 C S C	AB	290	0.165	0.190	1.66	2.57	
34426	8.345	0.011	7.752	0.011		0.530	0.015	G	0.60	0.02	H	7.8174	0.0011	0.010	73		7.80	7.83		C	07081+1531	I 2	1							S
34427	10.578	0.043	9.421	0.026		0.986	0.040	T	0.97	0.03	L	9.5606	0.0050	0.040	92		9.50	9.62		U 2			1							
34428	8.074	0.009	6.455	0.005		1.356	0.008	T	1.32	0.01	L	6.4635	0.0011	0.007	84		6.45	6.48					1							S
34429	8.501	0.007	8.604	0.010		−0.089	0.011	T	−0.07	0.01	L	8.6099	0.0021	0.027	197		8.56	8.65		U 2			1							
34430	8.964	0.014	8.635	0.014		0.297	0.015	G	0.34	0.02	H	8.6727	0.0019	0.018	101		8.64	8.70					1							
34431	9.353	0.011	9.165	0.013		0.180	0.016	T	0.20	0.02	L	9.1946	0.0019	0.027	225		9.15	9.30		P 1 A			1							G
34432	8.174	0.009	7.926	0.011		0.236	0.013	T	0.26	0.02	L	7.9861	0.0015	0.015	128		7.96	8.01					1							S
34433	8.496	0.011	8.006	0.010		0.485	0.015	G	0.56	0.02	H	8.0640	0.0011	0.012	95		8.05	8.09					1							S
34434	9.639	0.022	9.168	0.022	*	0.444	0.028	T	0.51	0.03	L *	9.2153	0.0037	0.025	81	*	9.17	9.27			07083+5241	I 1	2 C S A	AC	104	0.175	0.016	0.07	0.68	
34435	10.191	0.028	8.531	0.013		1.414	0.025	T	2.91	0.05	O	8.2028	0.0091	0.058	91		8.11	8.29	24.40	P 1 A			1 S							
34436	10.759	0.046	9.522	0.024		1.056	0.041	T	1.02	0.03	L	9.5853	0.0018	0.016	102		9.55	9.62					1							
34437	8.224	0.011	7.105	0.006		0.964	0.010	T	0.95	0.01	L	7.1591	0.0011	0.009	88		7.14	7.18		C			1							S
34438	8.814	0.015	6.976	0.007		1.510	0.015	G	1.52	0.03	C	6.9628	0.0015	0.016	139		6.94	7.00		U 2	07084−2052	I 1	1							S
34439	7.830	0.008	7.558	0.009		0.271	0.003	G	0.31	0.00	H	7.5845	0.0021	0.014	77		7.56	7.61					1							S
34440	6.796	0.004	5.598	0.003		1.020	0.016	G	1.00	0.04	E	5.6405	0.0008	0.005	86		5.63	5.65			07084+1556	I 1	1							S
34441	7.019	0.004	7.014	0.006		0.009	0.007	T	0.03	0.01	L	7.0298	0.0008	0.007	108		7.02	7.04		C			1							S
34442	8.311	0.011	7.755	0.008		0.543	0.015	G	0.62	0.01	H	7.8094	0.0008	0.010	110		7.79	7.83		C			1 G							S
34443	7.719	0.010	7.724	0.009		0.000	0.012	T	0.02	0.01	L	7.7256	0.0014	0.012	84		7.70	7.75		C			1							S
34444	2.704	0.002	1.913	0.003		0.671	0.019	G	0.67	0.02	A	1.9628	0.0006	0.006	160		1.95	1.97		M			1							S
34445	9.193	0.014	9.254	0.019	A	0.000	0.495	G	−0.04	0.06	L *	9.2495	0.0029	0.023	97	*	9.21	9.29			07084−4731	I 1	2 C C	AB	134	3.053	0.051	3.45	0.23	
34446	10.302	0.033	8.599	0.015		1.422	0.029	T	1.41	0.05	L	8.5914	0.0017	0.013	94		8.57	8.62		C			1							
34447	8.119	0.008	8.022	0.009		0.095	0.011	T	0.11	0.01	L	8.0466	0.0013	0.011	109		8.03	8.06		C			1 G							S
34448	9.338	0.017	7.378	0.007		1.626	0.015	T	1.65	0.01	L	7.2885	0.0018	0.017	118		7.26	7.32	4.36	P 1 A			1							
34449	9.400	0.016	8.086	0.010		1.116	0.015	T	1.08	0.02	L	8.1382	0.0013	0.011	114		8.11	8.15		C			1							
34450	7.177	0.007	7.147	0.009		0.032	0.011	T	0.05	0.01	L	7.1615	0.0011	0.009	87		7.14	7.18					1							S
34451	9.842	0.022	8.114	0.011		1.442	0.019	T	1.44	0.03	L	8.0974	0.0012	0.013	86		8.08	8.13					1							S
34452	9.974	0.028	9.599	0.032		0.355	0.040	T	0.42	0.04	L	9.6916	0.0018	0.020	88		9.66	9.72		C			1							G
34453	10.915	0.053	9.631	0.027		1.093	0.046	T	1.05	0.05	L	9.6520	0.0034	0.027	75		9.60	9.69		U 2			1							G
34454	7.189	0.005	7.218	0.008		−0.022	0.009	T	0.00	0.01	L	7.2050	0.0010	0.010	85		7.19	7.23					1							S
34455	8.860	0.009	8.949	0.013		−0.076	0.014	T	−0.06	0.02	L	8.9484	0.0022	0.028	202		8.91	8.99					1							
34456	10.366	0.040	9.973	0.043		0.372	0.054	T	0.43	0.06	L	9.9680	0.0032	0.020	83		9.93	10.01					1							G
34457	8.215	0.010	7.591	0.008		0.577	0.009	T	0.65	0.01	L	7.6613	0.0017	0.018	152		7.64	7.69		U			1							S
34458	8.608	0.013	8.618	0.016		−0.008	0.018	T	0.01	0.02	L	8.6261	0.0026	0.015	85		8.60	8.65					1							
34459	9.530	0.020	9.429	0.027		0.091	0.031	T	0.10	0.03	L	9.4729	0.0021	0.023	92		9.44	9.51					1							G
34460	7.968	0.010	7.840	0.012		0.124	0.015	T	0.14	0.01	L	7.8852	0.0017	0.015	72		7.87	7.92					1 X							
34461	9.783	0.018	9.478	0.020		0.291	0.029	T	0.33	0.04	L	9.5195	0.0021	0.020	128		9.48	9.55		C			1							
34462	7.729	0.011	6.319	0.005		1.212	0.015	G	1.17	0.01	H	6.3555	0.0011	0.008	83		6.34	6.37					1							S
34463	9.121	0.015	7.240	0.007		1.596	0.014	T	2.35	0.04	O	7.0575	0.0041	0.030	88		7.01	7.10		U 2			1 S							S P
34464	8.877	0.013	7.555	0.008		1.122	0.012	T	1.08	0.01	L	7.6091	0.0012	0.009	87		7.59	7.63		C			1							S
34465	9.548	0.022	9.549	0.032		0.045	0.104	G	0.01	0.03	L	9.5468	0.0036	0.037	93		9.47	9.59		D	07086−1738	I 2	1 S							G
34466	10.313	0.023	8.887	0.012		1.204	0.020	T	1.16	0.02	L	8.9363	0.0017	0.019	166		8.91	8.97		C			1							
34467											T	11.1518	0.0396	0.462	87		10.11	11.59		D	07086−1738	I 2	S							G G
34468	10.398	0.046	9.888	0.046		0.479	0.059	T	0.55	0.06	L	10.0137	0.0025	0.024	77		9.98	10.04		C			1							G
34469	9.649	0.016	8.992	0.014		0.600	0.016	T	0.67	0.01	L	9.0395	0.0018	0.020	156		9.00	9.07		C			1							
34470	11.219	0.060	9.252	0.019		1.631	0.050	T	1.65	0.05	L	9.1738	0.0017	0.019	130		9.14	9.20		C			1							
34471	10.079	0.036	9.625	0.037		0.428	0.047	T	0.50	0.05	L	9.6736	0.0027	0.020	77		9.64	9.71		C			1							
34472	8.334	0.008	8.157	0.009		0.170	0.011	T	0.19	0.01	L	8.1994	0.0013	0.016	160		8.17	8.23		D			1							S
34473	6.165	0.005	5.668	0.006	B	0.436	0.002	G	0.48	0.07	F	5.7818	0.0383			B				D	07087−7030	I 2	1 C I A							S
34474	11.004	0.055	8.200	0.010		2.700	0.510	G	2.70	0.52	J	7.8097	0.1609	0.881	114		7.60	9.95	330.90	P 1 A			1 S							
34475	10.139	0.025	9.534	0.023		0.563	0.025	T	0.64	0.02	L	9.6012	0.0023	0.020	119		9.56	9.65					1							
34476	8.267	0.010	7.537	0.010	*	0.676	0.015	G	0.74	0.01	H *	7.5680	0.0010	0.009	81	*	7.55	7.58		D	07087+1739	H 1	2 C A	AB	57	0.268	0.008	1.15	0.07	S
34477	8.943	0.012	8.915	0.015		0.025	0.002	G	0.04	0.00	H	8.9299	0.0015	0.015	128		8.90	8.96		C			1							
34478	7.956	0.006	8.025	0.007		−0.059	0.008	T	−0.04	0.01	L	8.0337	0.0014	0.017	191		8.01	8.06		C			1							S
34479	8.583	0.014	8.673	0.019	A	−0.070	0.015	G	−0.05	0.01	H	8.6799	0.0126	0.022	88	A	8.65	8.72		C	07087−1816	I 1	2 C D	AB	155	14.537	0.054	3.19	0.24	D
34480	8.460	0.008	8.400	0.010		0.060	0.012	T	0.07	0.01	L	8.4286	0.0020	0.020	155		8.39	8.47					1							
34481	5.073	0.003	3.876	0.002	A	1.006	0.015	G	0.94	0.02	A	3.9295	0.0086	0.042	90	A	3.89	4.02		D	07087−7030	I 2	1 C P A							S
34482	7.934	0.010	7.892	0.011		0.043	0.014	T	0.06	0.01	L	7.9025	0.0015	0.011	83		7.89	7.92		C			1							S
34483	7.716	0.006	7.724	0.007		−0.003	0.008	T	0.02	0.01	L	7.7429	0.0011	0.014	222		7.72	7.76					1							S
34484	9.274	0.041	7.766	0.021	*	1.268	0.036	T	1.23	0.04	L *	7.8556	0.0011	0.010	73	*	7.84	7.88		D	07088+1655	I 1	2 C A	AB	356	6.920	0.003	0.25	0.01	S
34485	8.777	0.013	8.547	0.015		0.280	0.015	G	0.32	0.02	H	8.5143	0.0026	0.021	99		8.49	8.55					1							
34486	10.072	0.033	8.525	0.017	A	1.250	0.015	G	1.21	0.01	H	8.5832	0.0191	0.084	65	A	8.48	8.72		D	07088−0841	I 2	1 C P A							
34487	9.430	0.018	8.947	0.018		0.455	0.023	T	0.52	0.02	L	8.9958	0.0025	0.020	85		8.96	9.03		C			1							
34488	10.089	0.026	8.616	0.014		1.241	0.023	T	1.20	0.02	L	8.6164	0.0015	0.012	110		8.59	8.64					1							
34489	6.398	0.003	6.616	0.004		−0.189	0.004	T	−0.20	0.01	L	6.5836	0.0009	0.009	183		6.57	6.60			07088−2403	I 1	1							S
34490	9.922	0.021	8.371	0.010		1.302	0.018	T	1.26	0.02	L	8.4022	0.0017	0.020	163		8.37	8.44					1							
34491	9.829	0.032	9.644	0.039	B	0.040	0.015	G	0.06	0.01	H	9.7499	0.0417			B				D	07088−0841	I 2	1 C I A							
34492	10.348	0.034	9.177	0.021		1.004	0.031	T	0.98	0.03	L	9.2690	0.0026	0.017	75		9.24	9.31		C			1							
34493	10.335	0.035	9.049	0.020		1.094	0.032	T	1.06	0.03	L	9.1290	0.0018	0.013	97		9.11	9.16		C			1							
34494	8.865	0.015	8.661	0.017		0.195	0.021	T	0.21	0.02	L	8.7168	0.0017	0.014	74		8.69	8.75		C			1							
34495	4.606	0.002	4.796	0.003		−0.179	0.004	G	−0.17	0.02	A	4.7680	0.0005	0.006	116		4.76	4.78					1							S
34496	10.289	0.040	8.861	0.020		1.205	0.035	T	1.16	0.03	L	8.8510	0.0015	0.015	84		8.82	8.87		C			1							
34497	8.479	0.014	6.694	0.006		1.487	0.012	T	1.51	0.02	L	6.6713	0.0014	0.009	89		6.66	6.69					1							S
34498	10.252	0.032	9.243	0.022		0.881	0.029	T	0.89	0.02	L	9.3236	0.0025	0.023	81		9.28	9.37					1							
34499	8.741	0.014	8.750	0.018		−0.007	0.020	T	0.01	0.02	L	8.7561	0.0025	0.020	87		8.72	8.78					1							
34500	9.219	0.016	9.031	0.019		0.180	0.023	T	0.20	0.03	L	9.1048	0.0015	0.013	90		9.08	9.13		C			1							

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 (ICRS) α deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_{δ} mas/yr 13	Standard Errors $\alpha*$ mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_{δ} mas/yr 18	Astrometric Correlations (%) δ/$\alpha*$ 19	π/$\alpha*$ 20	π/δ 21	$\mu_{\alpha*}$/$\alpha*$ 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_{δ}/$\alpha*$ 25	μ_{δ}/δ 26	μ_{δ}/π 27	μ_{δ}/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
34501		07 08 54.47	+40 00 05.1	10.10		H	107.226 945 79	+40.001 409 56		6.61	−11.50	−28.10	1.73	1.06	1.93	2.72	1.63	−10	+23	−24	+26	−23	+27	+0	−28	+32	+26	0	2.30
34502		07 08 54.98	−46 33 43.4	10.11		H	107.229 077 82	−46.562 043 67		0.56	−4.70	4.23	0.90	0.94	1.07	1.20	1.24	−11	+25	+10	+1	−4	+10	−7	+0	−11	−48	1	1.34
34503		07 08 55.17	+65 57 54.1	8.68		H	107.229 895 51	+65.965 032 18		8.36	−35.53	−20.99	0.82	0.76	1.20	0.83	0.90	+8	+23	+8	−13	+7	−6	+15	−36	−7	+35	0	0.46
34504		07 08 56.37	−12 19 09.3	8.65		G	107.234 864 00	−12.319 246 70		2.99	−10.58	2.21	0.95	0.82	1.16	1.05	0.94	+9	+12	−29	−30	−15	−7	−16	−39	+16	+14	0	−0.43
34505		07 08 57.62	+14 33 56.9	9.31		H	107.240 066 62	+14.565 815 22		2.15	−4.31	−5.82	1.29	0.79	1.43	1.77	1.22	−14	+32	−11	−7	+24	−32	+20	−42	+9	−25	0	0.10
34506		07 08 58.14	−45 19 52.8	7.01		G	107.242 235 19	−45.331 326 20		3.36	−9.48	9.76	0.49	0.50	0.58	0.54	0.61	−7	+1	+5	+10	−7	+8	−8	+5	−20	−17	1	1.39
34507		07 09 00.59	−28 09 33.0	7.74		H	107.252 453 24	−28.159 159 17		0.24	−3.34	3.32	0.49	0.58	0.81	0.60	0.73	+7	+2	−7	+11	+4	+6	+5	+8	+6	+12	0	−1.27
34508		07 09 01.26	−07 56 20.5	8.22		H	107.255 255 25	−07.939 033 38		7.93	−25.52	20.67	0.92	0.71	1.11	1.04	0.76	−5	+18	−25	−34	−6	+13	+2	−47	+20	+15	0	1.79
34509		07 09 01.84	−63 45 40.8	8.16		H	107.257 660 96	−63.761 336 71		1.84	−6.66	−14.26	0.73	0.69	0.75	0.85	0.94	−10	+16	+3	−2	+0	−15	+1	−12	+14	−29	0	0.41
34510	H	07 09 04.73	−59 05 20.3	9.42		H	107.269 691 88	−59.088 980 23	*	7.98	−50.52	63.42	0.86	0.93	0.95	0.95	1.08	−9	−1	+18	+9	−12	−4	−13	−3	−10	−22	0	−1.23
34511		07 09 05.05	+15 25 20.2	8.00		G	107.271 051 47	+15.422 285 51		22.78	−158.51	−287.86	1.06	0.62	1.10	1.04	0.72	+18	+26	−6	−33	−19	−20	−21	−44	+12	+1	0	−0.24
34512		07 09 05.31	+12 10 00.3	9.15		H	107.272 140 37	+12.166 750 52		3.34	−28.79	1.47	1.06	0.64	1.13	1.13	0.82	+15	+30	+0	−29	−14	−26	−18	−39	+3	+1	0	2.01
34513		07 09 05.48	+71 57 34.0	7.02		H	107.272 836 85	+71.959 438 61		4.09	−2.27	−11.33	0.39	0.56	0.74	0.43	0.60	+18	+16	+12	+21	+4	+12	+4	+3	+7	+23	1	−0.82
34514		07 09 05.67	+44 15 35.5	7.57		H	107.273 625 70	+44.259 854 92		7.49	0.76	−10.08	0.82	0.53	0.97	0.94	0.63	−10	+41	−3	−6	−10	−12	−9	−35	−8	+5	0	0.46
34515		07 09 06.87	+28 57 12.1	8.54		H	107.278 628 85	+28.953 355 68		5.87	3.13	−16.19	1.21	0.55	1.30	1.23	0.76	−8	+52	−17	+19	−8	+5	+12	−30	+22	+19	2	2.27
34516		07 09 07.18	−07 46 20.5	8.52		H	107.279 909 62	−07.772 368 94		0.98	0.16	−2.43	1.04	0.79	1.29	1.19	0.86	+16	+14	−37	−43	−31	+22	−19	−53	+33	+41	2	1.01
34517	H	07 09 07.39	−60 34 31.1	7.96		G	107.280 794 52	−60.575 303 99	*	5.01	−2.15	47.10	1.27	1.40	0.74	0.95	0.92	−26	−1	+4	+16	−25	−6	−25	−6	−2	−38	1	−0.87
34518		07 09 07.80	+02 15 11.4	7.23		H	107.282 480 27	+02.253 168 55		2.48	−6.02	−31.49	0.76	0.50	0.87	0.78	0.57	−9	+33	−14	−23	+0	−13	−1	−33	+5	−11	0	0.43
34519		07 09 08.66	−31 56 00.9	7.49		H	107.286 094 70	−31.933 571 21		1.29	−4.90	6.64	0.46	0.54	0.67	0.57	0.69	+7	+1	−2	+9	−11	−4	−12	+11	+6	+9	0	−0.52
34520		07 09 08.72	+19 32 48.0	7.31		H	107.286 336 01	+19.546 662 05		3.45	−3.73	−17.12	0.88	0.54	1.03	1.09	0.67	−13	+29	−15	−13	+21	−39	+15	−42	−21	+11	0	0.27
34521		07 09 10.43	+30 23 13.7	7.84		G	107.293 455 30	+30.387 152 17		11.02	22.39	−74.52	1.13	0.54	1.11	1.37	0.75	+10	+48	−1	+16	−3	+5	+10	−34	+3	+38	0	0.98
34522		07 09 11.97	+27 36 51.7	11.42		H	107.299 891 23	+27.614 358 56		−0.92	4.58	−1.25	2.66	1.54	3.05	3.29	2.29	−6	+25	−5	−6	−8	+21	−1	−39	+26	+2	0	−0.72
34523		07 09 13.24	+38 36 42.7	7.96		H	107.305 146 60	+38.611 865 24		5.95	−4.63	−1.83	1.11	0.69	1.24	1.90	0.93	−6	−3	−1	+7	−29	+29	−10	−49	+13	+30	0	2.83
34524	H	07 09 13.48	+19 02 33.9	8.39		H	107.306 151 81	+19.042 740 41	*	16.65	33.95	−43.96	1.07	0.72	1.20	1.32	1.00	−17	+9	+0	−3	+18	−20	+15	−38	−15	−20	0	1.07
34525		07 09 13.68	−06 27 23.9	9.19		H	107.306 984 09	−06.456 631 85		−1.40	−0.01	−1.40	1.22	0.82	1.43	1.23	0.92	−11	+50	−13	−34	+9	−16	+8	−30	+4	+10	0	−0.06
34526		07 09 14.84	−07 04 13.7	8.81		H	107.311 822 50	−07.070 461 66		1.93	−20.89	−6.52	1.07	0.85	1.33	1.26	0.94	−1	+25	−32	−30	−9	−3	−5	−39	+10	+30	0	1.61
34527		07 09 15.41	−13 47 09.9	10.56	3	H	107.314 215 24	−13.786 088 59		0.90	−1.41	−2.67	1.58	1.39	1.97	1.57	1.50	+9	+21	−4	−45	−3	−30	−5	−41	−7	+4	0	1.06
34528		07 09 15.43	−27 21 46.2	8.53		G	107.314 276 82	−27.362 829 21		2.97	−2.82	6.28	0.59	0.68	0.97	0.70	0.91	−4	+9	−8	+27	−11	+3	−11	+23	−4	+11	0	0.11
34529		07 09 16.63	+34 48 11.2	8.93		H	107.319 275 41	+34.803 108 52		−0.07	−4.21	6.72	1.44	0.77	1.55	1.74	1.27	+2	+25	−5	+13	−11	+0	−8	−24	+29	−2	0	0.09
34530		07 09 18.68	−49 36 32.7	9.29		H	107.327 813 04	−49.609 069 65		0.52	−4.31	1.60	0.80	0.83	0.94	0.90	0.92	−2	+24	−11	−2	−3	+8	−5	−14	−3	−14	2	−0.66
34531		07 09 18.95	+30 08 51.9	7.28		H	107.328 943 01	+30.147 748 84		5.49	7.49	−26.42	1.09	0.55	1.12	1.46	0.78	+3	+37	−21	+16	−16	+22	+10	−43	+21	+44	0	0.68
34532		07 09 19.24	+25 15 43.0	8.49		H	107.330 165 98	+25.261 956 50		5.10	−11.85	−17.38	0.98	0.54	1.04	1.05	0.72	+10	+19	−3	−10	−10	−13	−12	−39	+6	+4	0	0.92
34533		07 09 19.59	−51 49 29.1	8.18		H	107.331 631 12	−51.824 750 82		7.56	21.21	−55.97	0.63	0.56	0.66	0.68	0.64	−9	+25	−6	+4	−4	−12	−5	+2	−2	−15	0	0.21
34534		07 09 19.94	−60 32 07.9	9.13		H	107.333 089 74	−60.535 540 15		1.44	2.84	−2.38	0.84	0.83	0.86	1.03	1.03	−6	−2	+6	+25	−16	+7	−19	+6	+4	−17	0	0.86
34535	H	07 09 19.95	−20 50 46.8	8.98		H	107.333 142 89	−20.846 345 18	*	1.27	−2.26	1.12	1.67	2.74	1.68	1.23	1.58	−43	+23	−15	−12	+11	−10	+11	−3	−6	−30	1	0.76
34536		07 09 20.25	−10 20 47.7	6.23		H	107.334 377 27	−10.346 574 29		0.56	−0.64	3.68	0.74	0.57	0.81	0.84	0.63	+29	+9	−30	−51	−37	+20	−30	−61	+23	+40	0	−0.10
*34537	H	07 09 21.15	−22 29 35.1	9.08		G	107.338 123 41	−22.493 084 60	*	−0.02	−4.69	3.33	0.61	0.69	1.09	0.81	1.03	+15	+5	−9	−7	+5	−10	+6	−19	−9	+21	0	1.55
*34538		07 09 21.15	−53 32 41.8	8.90		H	107.338 108 89	−53.544 937 55		2.03	−2.52	7.91	0.69	0.62	0.69	0.76	0.75	−9	+23	−1	−30	+6	−12	+9	−21	+7	−22	0	2.24
34539		07 09 21.82	−10 39 26.1	8.95		H	107.340 901 80	−10.657 260 84		2.27	−4.76	4.49	1.09	0.91	1.29	1.30	0.97	+21	+5	−34	−49	−31	+29	−22	−59	+29	+34	0	0.29
34540		07 09 22.15	+16 32 59.4	7.77		H	107.342 304 34	+16.549 844 04		21.57	−133.05	−138.97	1.06	0.58	1.19	0.99	0.67	−10	+50	−19	+8	−5	+1	+8	−28	+25	+1	0	0.66
34541		07 09 22.52	−00 48 23.6	10.96	2	H	107.343 846 07	−00.806 555 72		−2.20	−3.56	0.57	2.34	1.56	2.71	2.60	2.16	−16	+34	−19	−33	+6	−23	+5	−36	+18	−26	0	1.88
34542		07 09 23.26	−15 01 35.2	8.66	1	H	107.346 927 39	−15.026 449 59		−0.29	0.04	0.98	0.77	0.83	1.06	0.91	1.01	−56	+17	−17	−8	+39	−16	+39	−41	+11	−55	0	−0.23
34543	H	07 09 24.96	−60 22 49.7	6.82		H	107.354 020 71	−60.380 472 13	A	4.29	−3.16	49.86	1.07	0.94	0.76	0.95	0.96	+3	+7	−2	−1	−9	−1	−6	−9	+4	−12	1	−0.32
34544		07 09 25.08	−49 50 10.7	8.47		H	107.354 486 92	−49.836 316 97		4.37	11.50	35.26	0.66	0.66	0.77	0.74	0.75	+9	+29	+8	+2	+0	+7	−8	−17	−17	−12	0	−0.35
34545		07 09 25.48	+18 32 59.5	8.40		H	107.356 175 75	+18.549 871 44		3.12	−11.24	−0.40	0.94	0.63	1.05	1.07	0.75	−9	+20	+2	−17	+18	−21	+12	−45	−25	−3	0	2.53
34546	T	07 09 25.72	+36 33 47.8	6.74		G	107.357 163 10	+36.563 290 92		3.59	1.25	−18.00	1.76	1.00	1.81	2.28	1.29	−2	+35	−9	+15	−2	+10	+9	−36	+2	+25	0	
34547		07 09 26.85	−07 42 12.8	9.63		G	107.361 863 33	−07.703 563 00		0.49	1.17	1.71	1.56	1.21	1.79	1.74	1.27	+24	+11	−35	−52	−41	+23	−31	−61	+26	+55	0	1.74
34548		07 09 26.97	+52 02 19.5	9.06		H	107.362 391 77	+52.038 755 65		12.91	32.99	−2.50	1.15	0.98	1.45	1.55	1.14	−39	−13	+38	−13	+29	+27	+29	−60	−45	−32	6	1.43
34549		07 09 27.87	+11 55 39.5	9.98		H	107.366 120 75	+11.927 646 38		3.00	−5.57	−3.35	1.29	0.83	1.48	1.37	1.02	+5	+30	−4	−23	−4	−33	−12	−34	−1	−13	0	0.35
34550		07 09 28.51	+05 55 14.3	9.31		G	107.368 786 82	+05.920 647 92		2.50	−2.80	1.66	1.32	0.81	1.50	1.50	1.24	−35	+45	−21	−29	+8	−25	+2	−30	+10	−39	2	−0.49
34551		07 09 29.78	+01 55 12.4	7.61		H	107.374 078 21	+01.920 106 37		0.27	−1.16	1.70	0.83	0.53	0.98	0.82	0.60	−9	+42	−19	−24	−2	−17	+3	−32	+19	−8	0	−1.20
34552		07 09 29.96	−35 17 12.9	8.54		G	107.374 852 19	−35.286 914 35		2.42	−5.52	6.42	0.56	0.63	0.77	0.67	0.73	−2	−8	+6	−5	+0	+0	+0	−18	−5	−9	0	0.21
34553		07 09 30.27	−16 56 11.1	9.10		G	107.376 108 45	−16.936 424 57		0.49	−2.96	0.70	1.18	0.93	1.21	1.33	1.25	−37	+31	−22	+0	+20	−6	+21	−34	−1	−19	0	1.98
34554		07 09 30.53	−79 25 55.3	7.81		H	107.377 225 57	−79.432 018 30		2.60	−3.58	15.64	0.54	0.54	0.58	0.55	0.61	−12	+7	−3	+1	−5	+13	−7	−13	+3	−22	1	−0.02
34555		07 09 30.62	−35 59 27.3	7.26		H	107.377 601 50	−35.990 915 47		6.92	19.43	21.57	0.46	0.51	0.63	0.54	0.62	+12	−7	−4	−1	−9	+18	−8	−14	+2	+15	0	−2.77
34556		07 09 31.12	+34 05 23.3	9.05		H	107.379 673 37	+34.089 811 72		2.85	−15.24	−6.63	1.40	0.69	1.45	1.60	1.18	+6	+41	−4	+11	−21	+0	−15	−18	+25	+3	0	0.56
34557		07 09 31.69	+13 39 13.3	8.56		H	107.382 061 19	+13.653 685 09		3.33	−3.65	0.10	0.89	0.56	1.01	0.99	0.79	−22	+45	−15	−23	+12	−33	+6	−32	+8	−34	0	0.51
34558		07 09 31.80	−28 59 28.9	8.58		H	107.382 499 43	−28.991 370 32		1.44	2.14	−3.84	0.68	0.82	1.18	0.79	1.00	+6	−3	−21	+7	+2	−1	+1	−3	+11	+2	0	−1.37
34559		07 09 32.32	−06 02 38.1	6.96		H	107.384 651 90	−06.043 918 08		4.59	−10.06	−0.20	0.80	0.54	0.87	0.82	0.57	+17	+30	+1	−38	−6	+5	−7	−39	−1	+27	0	0.19
34560		07 09 32.44	−68 34 20.4	11.06		G	107.385 173 35	−68.572 330 21		1.10	−6.37	10.90	1.50	1.25	1.43	1.70	1.35	+0	+27	+7	−3	−2	−8	−4	−24	+1	−18	1	−0.83
*34561		07 09 33.37	−16 14 04.2	6.00	1	H	107.389 023 50	−16.234 507 62		−0.09	−1.28	−0.58	0.53	0.46	0.68	0.64	0.57	−16	+12	−25	+2	+12	−22	+5	−21	+13	−30	0	0.21
*34562		07 09 33.32	−28 26 40.6	8.26		H	107.388 848 65	−28.444 621 22		0.37	−2.58	3.29	0.56	0.67	0.96	0.67	0.83	+12	+2	−13	+7	−2	+4	−1	+1	+3	+14	0	−0.89
34563		07 09 34.18	+57 57 57.5	8.10		G	107.392 431 89	+57.965 965 52		8.50	−31.74	−59.53	0.87	0.59	1.25	0.95	0.79	−7	+44	−34	+44	+17	+4	+40	−19	+38	+12	0	0.57
34564		07 09 34.24	−24 18 28.3	7.96		H	107.392 646 98	−24.307 867 49		1.50	−13.15	12.88	0.59	0.66	1.02	0.75	0.86	+0	+18	−10	−15	+19	−15	+19	−15	+11	−9	1	−0.81
34565		07 09 34.31	+69 21 34.6	7.98		H	107.392 950 06	+69.359 607 16		2.98	−26.78	−29.09	0.45	0.63	0.99	0.49	0.68	+11	+12	+4	+44	−5	+7	+2	−21	+5	+21	3	−0.51
34566		07 09 35.14	−19 06 55.9	8.01		G	107.396 403 38	−19.115 540 40		0.41	−3.74	3.40	0.68	0.63	1.03	0.95	0.93	−32	+21	−30	+13	+21	−26	+16	−3	−15	−11	1	−1.28
34567		07 09 35.47	+25 43 44.7	7.09	1	G	107.397 790 27	+25.729 074 23		40.68	−123.09	−175.05	0.93	0.50	1.02	0.99	0.67	−4	+36	−11	−6	−3	−19	−3	−33	+12	−6	2	1.96
34568		07 09 35.76	−15 14 35.4	7.11		H	107.398 983 69	−15.243 174 65		−0.29	−0.77	0.72	0.59	0.59	0.80	0.67	0.69	−43	+15	−30	−8	+38	−15	+40	−33	+5	−32	0	−1.53
34569		07 09 36.98	−16 05 46.8	9.02	2	H	107.404 084 50	−16.096 336 78		−0.77	−2.43	−1.29	0.91	0.82	1.23	1.15	1.02	−20	+15	−27	+15	+17	−21	+12	−12	+22	−31	0	−0.98
34570		07 09 37.51	+06 50 46.5	8.29		H	107.406 311 97	+06.846 262 04		8.15	−10.35	−6.46	1.03	0.65	1.18	0.95	0.71	−17	+37	−28	−40	−6	−9	−6	−44	+15	−17	0	1.30
34571		07 09 37.54	−62 18 18.7	8.38		G	107.406 431 64	−62.305 188 36		2.77	−15.06	61.05	0.72	0.70	0.75	0.92	0.93	+6	−5	+26	+10	−15	−15	−13	+9	+10	−17	3	0.22
34572		07 09 37.78	+60 47 31.9	6.64		H	107.407 431 97	+60.792 204 78		7.62	−10.89	−48.63	0.62	0.47	0.79	0.83	0.57	+7	+16	−16	+15	+2	+13	+4	−31	+2	+10	2	−0.19
34573		07 09 37.96	−78 56 31.8	8.48		H	107.408 184 66	−78.942 163 64		2.16	4.51	34.90	0.67	0.68	0.73	0.73	0.79	+1	+18	+12	+11	+1	+20	−5	−22	−7	−12	0	−0.38
34574		07 09 38.27	−11 02 16.5	9.08		H	107.409 467 68	−11.037 914 46		1.96	−2.76	3.47	1.24	0.92	1.45	1.17	0.92	−17	+34	−22	−30	+4	+10	+14	−48	+15	+11	0	−1.33
34575		07 09 39.50	+85 34 12.0	8.10	2	H	107.414 584 94	+85.570 002 65		1.43	0.25	3.16	0.84	0.96	1.06	0.91	1.23	+8	+7	−4	−11	+11	+4	+12	−6	−10	+21	0	
34576		07 09 39.76	+26 31 22.6	7.62		H	107.415 647 01	+26.522 942 60		3.15	−6.96	−61.39	0.95	0.56	1.03	1.16	0.79	−16	+24	+1	+0	+20	−21	+24	−47	+3	−14	0	0.20
34577		07 09 40.51	−63 48 38.2	9.22		H	107.418 773 56	−63.810 618 08		7.34	56.84	31.40	0.97	0.93	1.00	1.16	1.24	−15	+14	+4	+4	+0	−15	+1	−5	+14	−34	1	−0.09
34578		07 09 41.85	−33 20 20.9	8.82		H	107.424 369 80	−33.339 139 25		1.72	−3.91	3.63	0.64	0.85	0.97	0.74	1.14	−9	+11	−6	+25	+1	+20	+4	+13	−2	−7	0	1.97
34579		07 09 43.03	−25 13 51.8	5.69	1	H	107.429 280 78	−25.231 043 84		1.78	−4.94	3.95	0.31	0.43	0.60	0.31	0.50	+18	+3	−9	+37	−14	+5	−15	−11	+10	+23	0	−0.76
34580		07 09 43.80	−23 00 34.4	8.73		H	107.432 502 85	−23.009 556 22		5.76	32.05	−32.53	0.64	0.80	1.33	0.80	0.98	+33	−11	−3	−18	−6	−6	−6	−30	−9	+25	1	−0.53
34581		07 09 44.05	+60 44 35.6	7.80		H	107.433 520 92	+60.743 233 39		0.80	−13.68	−62.73	0.77	0.56	0.95	1.02	0.68	+11	+21	−16	+25	+3	+16	+3	−22	+1	+10	2	1.08
34582		07 09 44.21	+25 44 05.7	7.77		G	107.434 223 46	+25.734 912 22		6.86	−13.13	−24.05	0.97	0.52	1.06	1.01	0.69	−4	+37	−17	−11	−1	−11	+2	−41	+14	+1	0	2.58
34583		07 09 44.40	+22 21 52.6	7.56		H	107.435 012 02	+22.364 624 22		3.83	20.75	−10.32	0.84	0.46	0.85	1.06	0.65	+20	+25	−6	−8	−19	−12	−14	−36	+4	+38	0	0.68
34584		07 09 45.00	−55 43 33.1	8.74		H	107.437 499 23	−55.725 849 26		2.56	−2.91	0.77	0.76	0.75	0.81	0.84	0.91	−7	+18	+5	+23	−5	+9	−10	−10	+6	−23	0	0.03
34585		07 09 48.46	−09 10 37.3	9.15		G	107.451 921 46	−09.177 015 69		1.00	−2.09	3.44	1.23	0.89	1.44	1.37	1.07	+2	+35	−9	−18	+9	−6	+5	−28	−10	+11	0	−1.04
34586	H	07 09 49.11	−56 22 17.5	8.26		G	107.454 632 65	−56.371 519 68	A	6.09	−8.34	5.29	1.03	1.17	1.04	1.23	1.46	+0	+6	+3	+20	+9	+0	+2	−15	+11	−8	0	−0.28
34587		07 09 51.00	−17 41 45.4	8.75		H	107.462 494 52	−17.695 945 69		3.79	−2.61	−5.62	0.87	0.82	1.22	1.24	1.14	−11	+2	−17	+17	+5	−13	+1	−8	+17	−19	0	0.02
34588		07 09 51.03	+09 18 32.1	6.72		H	107.462 615 22	+09.308 912 08		4.94	−8.20	−12.62	0.63	0.39	0.75	0.73	0.49	−27	+28	−11	−9	−4	−20	+1	−26	+14	−8	1	0.86
34589		07 09 52.19	−16 14 05.0	6.62		G	107.467 454 75	−16.234 727 15		15.76	−39.52	−0.41	0.60	0.51	0.77	0.71	0.60	−17	+19	−27	+5	+11	−19	+6	−16	+12	−27	2	0.65
34590		07 09 53.10	−05 44 08.8	7.84		H	107.471 259 15	−05.735 765 52		0.50	−1.42	−0.83	0.89	0.60	1.01	0.92	0.67	+3	+40	+4	−40	+0	+1	−1	−40	+0	+13	2	−0.14
34591		07 09 53.95	+13 08 51.3	7.05		H	107.474 780 75	+13.147 575 07		2.97	−0.49	3.44	0.83	0.49	0.96	0.90	0.66	−4	+47	−16	−23	+2	−38	−4	−27	+4	−7	0	−0.45
34592		07 09 54.98	−50 25 38.5	8.58		H	107.479 082 51	−50.427 368 55		3.38	−4.45	9.48	0.76	0.69	0.82	0.86	0.79	+6	+15	+9	−12	−8	+21	−6	+12	+1	−7	0	−1.42
34594		07 09 55.55	+18 50 39.5	7.71		H	107.481 464 43	+18.844 306 65		3.98	−7.37	−7.77	0.83	0.54	0.91	0.93	0.67	−15	+29	−2	−9	+16	−17	+13	−39	−12	−11	0	1.05
34595		07 09 56.21	−34 01 52.7	9.05		H	107.484 200 69	−34.031 311 02		5.00	−5.47	8.49	0.65	0.71	0.90	0.79	0.92	−12	+6	−8	+6	+4	+21	+8	−20	+18	−5	1	−0.82
34596		07 09 57.01	−13 36 57.8	7.17		H	107.487 549 24	−13.616 048 26		0.87	−2.48	−9.22	0.74	0.63	0.91	0.79	0.69	+3	+24	−15	−30	+1	−19	−3	−42	−10	+13	2	−0.12
34597		07 09 57.93	+07 43 28.8	6.65		H	107.491 369 50	+07.724 661 53		3.45	−7.35	−9.18	0.75	0.48	0.86	0.74	0.54	−11	+34	−5	−30	−3	−7	−4	−40	+3	−15	0	0.91
34598		07 09 58.24	−17 52 57.3	9.49		H	107.492 657 58	−17.882 577 09		1.36	−4.44	0.50	1.02	0.94	1.45	1.37	1.29	−12	+21	−11	+22	+5	−12	+7	−3	+20	−17	0	0.86
34599	H	07 09 58.40	−24 24 35.2	9.33		H	107.493 324 60	−24.409 781 24	A	0.72	−4.08	0.51	1.10	1.26	1.60	1.30	1.53	−5	+4	−11	−16	+9	−6	+10	−27	−1	−8	2	−0.74
34600		07 10 00.07	−19 35 07.7	7.88		H	107.500 274 61	−19.585 483 64		0.06	−4.69	0.77	0.61	0.66	0.96	0.82	0.89	−23	+15	−29	+13	+9	−21	+3	+9	−11	−11	0	−1.18

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
34501	10.752	0.058	10.172	0.052		0.542	0.069	T	0.62	0.07	L	10.2182	0.0041	0.030	75		10.16	10.26					1							G
34502	10.412	0.031	10.117	0.037		0.280	0.051	T	0.32	0.06	L	10.1861	0.0024	0.025	119		10.15	10.23		C			1							G
34503	9.463	0.015	8.748	0.013		0.657	0.016	T	0.72	0.01	L	8.8190	0.0021	0.021	142		8.78	8.85					1							
34504	8.707	0.014	8.645	0.017		0.050	0.015	G	0.06	0.01	H	8.6786	0.0023	0.020	88		8.64	8.71					1							
34505	9.511	0.025	9.274	0.030		0.226	0.037	T	0.25	0.04	L	9.3819	0.0024	0.020	67		9.36	9.41		C			1							
34506	6.932	0.005	6.999	0.006		−0.067	0.002	G	−0.04	0.00	H	6.9956	0.0008	0.007	101		6.98	7.01		C			1							S
34507	7.521	0.006	7.707	0.008		−0.162	0.009	T	−0.17	0.01	L	7.6788	0.0012	0.013	159		7.66	7.70		C	07090−2810	I 1	1							S
34508	8.579	0.011	8.223	0.011		0.337	0.015	T	0.39	0.02	L	8.3019	0.0012	0.011	86		8.28	8.32		C			1							
34509	9.641	0.020	8.272	0.012		1.159	0.018	T	1.12	0.02	L	8.3271	0.0015	0.014	106		8.30	8.35		C			1							
34510	10.220	0.025	9.451	0.021	*	0.685	0.025	T	0.74	0.02	L *	9.5604	0.0025	0.019	105	*	9.53	9.58			07091−5905	I 1	2 C S A	AS	339	0.147	0.013	0.58	0.61	
34511	8.776	0.015	8.071	0.013		0.631	0.011	G	0.70	0.01	H	8.1260	0.0017	0.011	81		8.10	8.14		C			1							S
34512	9.426	0.023	9.147	0.025		0.265	0.032	T	0.30	0.04	L	9.2240	0.0022	0.015	76		9.20	9.25		C			1							
34513	8.741	0.008	7.156	0.004		1.329	0.007	T	1.29	0.01	L	7.1736	0.0010	0.012	192		7.16	7.19			07090+7158	I 1	1							S
34514	7.937	0.007	7.608	0.008		0.333	0.015	G	0.39	0.02	H	7.6511	0.0010	0.009	117		7.63	7.67		C			1							S
34515	8.560	0.012	8.522	0.015		0.040	0.018	T	0.06	0.01	L	8.5561	0.0011	0.012	88		8.54	8.59		C			1							
34516	8.462	0.010	8.522	0.013		−0.050	0.015	T	−0.03	0.01	L	8.5087	0.0023	0.013	83		8.49	8.53		C			1							
34517	8.376	0.012	7.975	0.011	*	0.353	0.002	G	0.41	0.00	H *	8.0397	0.0010	0.010	111	*	8.02	8.06		D	07091−6034	I 1	2 C A	AB	136	0.256	0.004	0.53	0.10	S
34518	8.930	0.015	7.364	0.008		1.314	0.013	T	1.28	0.01	L	7.3876	0.0011	0.011	88		7.37	7.40		C			1							S
34519	7.326	0.005	7.462	0.007		−0.117	0.007	T	−0.10	0.01	L	7.4524	0.0010	0.012	140		7.43	7.48					1							S
34520	9.182	0.018	7.471	0.009		1.428	0.016	T	1.42	0.03	L	7.4517	0.0011	0.010	80		7.44	7.46					1							S
34521	8.558	0.012	7.890	0.011		0.629	0.015	G	0.70	0.01	H	7.9663	0.0012	0.011	87		7.95	7.99		C			1							S
34522	11.685	0.127	11.224	0.153		0.639	0.107	G	0.70	0.10	R	11.5560	0.0074	0.053	84		11.47	11.65					1							G
34523	8.320	0.014	7.975	0.013		0.327	0.018	T	0.38	0.02	L	8.0385	0.0016	0.014	72		8.01	8.06					1							S
34524	9.221	0.018	8.471	0.015	*	0.685	0.018	T	0.74	0.01	L *	8.5275	0.0015	0.013	86	*	8.50	8.55		D	07092+1903	H 1	2 C S A	AB	347	0.143	0.025	1.40	0.65	S
34525	9.428	0.021	9.212	0.024		0.190	0.020	G	0.21	0.02	H	9.2496	0.0031	0.018	78		9.22	9.28					1							
34526	10.141	0.027	8.861	0.016		1.089	0.025	T	1.05	0.03	L	8.9830	0.0021	0.017	75		8.96	9.01		C			1							
34527	11.512	0.106	10.690	0.086		0.741	0.104	T	0.79	0.07	L	10.7012	0.0615	0.303	77		10.35	11.11	4.67	P 1 A			1 S							G
34528	8.332	0.007	8.487	0.010		−0.160	0.015	G	−0.16	0.02	H	8.4778	0.0016	0.019	171		8.44	8.51					1							
34529	10.924	0.061	9.128	0.023		1.500	0.040	G	1.50	0.10	R	9.0586	0.0016	0.016	76		9.03	9.08		C			1							
34530	11.106	0.053	9.379	0.020		1.441	0.045	T	1.44	0.07	L	9.4302	0.0020	0.020	126		9.40	9.46		C			1 S							
34531	8.679	0.013	7.412	0.008		1.079	0.012	T	1.04	0.01	L	7.4495	0.0008	0.010	91		7.44	7.47		C			1							S
34532	8.836	0.012	8.519	0.013		0.301	0.017	T	0.34	0.02	L	8.5676	0.0015	0.014	113		8.55	8.60		C			1							
34533	8.764	0.011	8.241	0.010		0.515	0.015	G	0.59	0.02	H	8.2956	0.0011	0.012	117		8.27	8.31					1 S							S
34534	10.465	0.030	9.193	0.017		1.083	0.027	T	1.05	0.02	L	9.2945	0.0022	0.018	108		9.26	9.33		C			1							
34535	8.988	0.013	8.988	0.017	*	0.005	0.019	T	0.03	0.02	L *	8.9863	0.0021	0.019	136	*	8.95	9.03		D	07093−2051	H 1	2 C A	AB	88	0.220	0.019	1.82	0.26	
34536	6.205	0.004	6.230	0.006		−0.018	0.007	T	0.00	0.01	L	6.2273	0.0008	0.005	77		6.22	6.24					1							S
34537	9.026	0.009	9.086	0.013	*	−0.062	0.015	G	−0.04	0.01	H *	9.0808	0.0021	0.026	212	*	9.04	9.12			07094−2230	H 1	2 C S A	AB	283	0.135	0.006	0.48	0.43	
34538	8.829	0.011	8.883	0.014		−0.046	0.015	T	−0.02	0.01	L	8.8917	0.0013	0.012	120		8.87	8.92		C			1							
34539	8.875	0.015	8.958	0.021		−0.055	0.005	G	−0.03	0.01	H	8.9441	0.0024	0.021	75		8.91	8.98					1							
34540	8.415	0.014	7.832	0.011		0.559	0.015	G	0.63	0.01	H	7.8893	0.0011	0.010	81		7.87	7.91		C			1							S
34541						0.267	0.140	G	0.30	0.18	R	11.0324	0.0073	0.083	84		10.96	11.39		U 2 C			1 S							D
34542	11.209	0.066	8.900	0.016		1.904	0.054	T	1.94	0.06	L	8.7495	0.0022	0.019	124		8.71	8.77		U			1							
34543	7.868	0.007	6.939	0.005	*	0.821	0.007	T	0.84	0.01	L *	6.9780	0.0008	0.007	112	*	6.96	7.00		D	07094−6023	I 1	2 C A	AB	275	0.466	0.002	0.40	0.01	S
34544	9.702	0.018	8.570	0.012		0.974	0.017	T	0.96	0.01	L	8.6305	0.0014	0.014	117		8.61	8.66					1							
34545	8.355	0.011	8.409	0.014		−0.045	0.016	T	−0.02	0.02	L	8.3970	0.0017	0.013	92		8.37	8.42					1							S
34546	6.731	0.005	6.760	0.006		−0.016	0.005	G	0.01	0.01	H	6.7418	0.0014	0.010	101		6.73	6.76			07094+3634	I 1	1 X S							S
34547	9.954	0.028	9.617	0.030		0.360	0.020	G	0.42	0.02	H	9.7378	0.0031	0.022	78		9.69	9.78		C			1							G
34548	9.598	0.019	9.115	0.019		0.455	0.024	T	0.52	0.03	L	9.1607	0.0036	0.022	77		9.12	9.21					1							
34549	9.967	0.032	9.897	0.045		0.069	0.051	T	0.08	0.06	L	10.0110	0.0029	0.024	73		9.97	10.05		C			1							G
34550	9.554	0.019	9.338	0.022		0.236	0.015	G	0.26	0.02	H	9.3710	0.0024	0.018	82		9.34	9.40					1							
34551	7.523	0.008	7.598	0.010		−0.064	0.012	T	−0.04	0.01	L	7.5992	0.0009	0.008	91		7.59	7.62		C			1							S
34552	8.546	0.010	8.542	0.012		0.010	0.000	G	0.03	0.00	H	8.5485	0.0015	0.014	128		8.53	8.58					1							
34553	9.139	0.016	9.117	0.021		0.030	0.015	G	0.05	0.01	H	9.1180	0.0019	0.019	98		9.09	9.15		C			1 G							
34554	8.003	0.007	7.830	0.009		0.166	0.011	T	0.18	0.01	L	7.8686	0.0011	0.011	125		7.85	7.89		C			1							S
34555	7.761	0.007	7.303	0.006		0.432	0.008	T	0.50	0.01	L	7.3605	0.0009	0.009	135		7.35	7.37		C			1 G							S
34556	9.531	0.021	9.099	0.021		0.408	0.027	T	0.47	0.03	L	9.1447	0.0018	0.013	85		9.12	9.17		C			1							
34557	10.373	0.037	8.717	0.016		1.385	0.032	T	1.36	0.04	L	8.7056	0.0013	0.011	88		8.68	8.72					1							
34558	9.724	0.017	8.696	0.012		0.895	0.016	T	0.90	0.01	L	8.7431	0.0021	0.020	137		8.70	8.78					1							
34559	7.230	0.008	6.984	0.008		0.236	0.015	G	0.26	0.02	H	7.0265	0.0013	0.009	77		7.01	7.04					1							S
34560						1.640	0.040	G	1.71	0.15	K	11.2469	0.0047	0.042	103		11.17	11.30					1							G
34561	6.056	0.004	6.057	0.004		0.040	0.003	G	0.17	0.03	C	6.0568	0.0016	0.012	96		6.04	6.07		U 2	07096−1614	I 1	1							S
34562	8.075	0.006	8.228	0.008		−0.132	0.009	T	−0.12	0.01	L	8.2173	0.0013	0.014	160		8.19	8.25					1							
34563	8.664	0.011	8.143	0.011		0.518	0.015	G	0.59	0.02	H	8.2140	0.0017	0.012	99		8.19	8.24					1 G							S
34564	9.706	0.015	8.076	0.007		1.364	0.013	T	1.33	0.01	L	8.1075	0.0015	0.017	187		8.08	8.14					1							
34565	9.884	0.014	8.132	0.007		1.461	0.012	T	1.47	0.02	L	8.1166	0.0012	0.016	233		8.09	8.14					1							
34566	7.891	0.008	7.989	0.010		−0.090	0.003	G	−0.07	0.00	H	7.9925	0.0012	0.015	146		7.97	8.02		D			1							
34567	7.952	0.008	7.159	0.008		0.700	0.015	G	0.75	0.01	H	7.2241	0.0011	0.012	102		7.21	7.25		M	07096+2544	I 2	1							S
34568	7.329	0.006	7.127	0.006		0.193	0.008	T	0.21	0.01	L	7.1692	0.0009	0.009	108		7.15	7.18		C			1							S
34569	9.244	0.019	9.030	0.022		0.230	0.015	G	0.26	0.02	H	9.0841	0.0110	0.066	93		8.99	9.27		U 2 C			1 S							
34570	8.632	0.011	8.323	0.011		0.294	0.015	T	0.34	0.02	L	8.3617	0.0018	0.015	98		8.34	8.40		C			1							
34571	8.692	0.011	8.369	0.012		0.221	0.015	G	0.24	0.02	H	8.4518	0.0020	0.014	89		8.43	8.48					1							
34572	8.046	0.012	6.769	0.008		1.087	0.011	T	1.05	0.01	L	6.8103	0.0012	0.008	81		6.80	6.82		C			1							S
34573	10.625	0.037	8.701	0.014		1.597	0.031	T	1.62	0.03	L	8.5943	0.0017	0.016	118		8.57	8.63					1							
34574	9.101	0.020	9.094	0.026		0.030	0.015	G	0.05	0.01	H	9.1003	0.0033	0.025	74		9.06	9.14					1							
34575	10.228	0.023	8.344	0.010		1.598	0.021	T	2.54	0.04	O	8.1152	0.0028	0.029	135		8.07	8.17		U 2			1 X S							
34576	9.124	0.016	7.747	0.009		1.165	0.014	T	1.13	0.01	L	7.7910	0.0011	0.010	91		7.77	7.81		C			1							
34577	10.295	0.029	9.234	0.019		0.910	0.027	T	0.91	0.02	L	9.3662	0.0024	0.019	98		9.33	9.40		C			1							
34578	9.976	0.022	8.899	0.015		0.932	0.020	T	0.93	0.01	L	8.9794	0.0021	0.020	138		8.94	9.01		C			1							
34579	5.473	0.002	5.659	0.002		−0.158	0.003	G	−0.16	0.00	H	5.6324	0.0011	0.015	259		5.62	5.66	3.31	P 1 A	07097−2514	I 1	1							S
34580	9.827	0.013	8.807	0.009		0.889	0.012	T	0.89	0.01	L	8.8925	0.0020	0.026	244		8.85	8.94					1							
34581	9.237	0.021	7.951	0.013		1.094	0.019	T	1.06	0.02	L	7.9711	0.0012	0.011	83		7.96	8.00		C	07097+6045	I 1	1 S							
34582	8.137	0.009	7.780	0.011		0.338	0.013	T	0.39	0.02	L	7.8470	0.0011	0.009	103		7.83	7.87			07096+2544	I 2	1							S
34583	9.396	0.019	7.721	0.009		1.400	0.017	T	1.38	0.02	L	7.7028	0.0010	0.010	94		7.69	7.72		C			1							
34584	10.416	0.029	8.868	0.014		1.300	0.025	T	1.26	0.03	L	8.8925	0.0014	0.014	100		8.87	8.92		C			1							
34585	9.121	0.017	9.134	0.022		−0.005	0.005	G	0.02	0.01	H	9.1566	0.0034	0.017	66		9.13	9.18		C			1							
34586	8.535	0.016	8.130	0.015	*	0.385	0.015	G	0.45	0.02	H *	8.3571	0.0015	0.013	109	*	8.33	8.37		D	07098−5622	I 1	2 C A	AB	218	1.680	0.003	0.88	0.02	S
34587	10.273	0.033	8.838	0.017		1.211	0.029	T	1.17	0.03	L	8.9141	0.0017	0.015	93		8.89	8.95					1							
34588	8.689	0.010	6.876	0.005		1.509	0.009	T	1.54	0.01	L	6.8419	0.0008	0.007	131		6.83	6.86					1							S
34589	6.986	0.007	6.643	0.007		0.312	0.007	G	0.36	0.01	H	6.6957	0.0008	0.006	88		6.68	6.71		C			1							S
34590	7.788	0.010	7.827	0.015		−0.030	0.015	G	−0.01	0.01	H	7.8375	0.0010	0.007	76		7.82	7.85		C			1							S
34591	8.704	0.012	7.185	0.007		1.277	0.011	T	1.24	0.01	L	7.2043	0.0011	0.007	79		7.19	7.22		C			1							S
34592	10.078	0.027	8.710	0.015		1.158	0.024	T	1.12	0.02	L	8.7477	0.0017	0.014	103		8.72	8.78		C			1							
34594	7.615	0.008	7.689	0.011		−0.063	0.012	T	−0.04	0.01	L	7.6980	0.0011	0.010	87		7.68	7.71		C			1							S
34595	9.028	0.012	9.029	0.015		0.000	0.017	T	0.02	0.02	L	9.0584	0.0020	0.020	118		9.03	9.09					1							
34596	8.488	0.017	7.287	0.010		1.028	0.015	T	1.00	0.01	L	7.3397	0.0013	0.007	83		7.33	7.35		C			1							S
34597	8.657	0.011	6.797	0.005		1.546	0.010	T	1.61	0.02	L	6.7660	0.0009	0.008	102		6.75	6.78					1							S
34598	9.451	0.020	9.498	0.028		−0.020	0.015	G	0.00	0.01	H	9.4976	0.0032	0.029	91		9.45	9.53					1							G
34599	9.201	0.011	9.347	0.017	*	−0.126	0.017	T	−0.12	0.02	L *	9.2894	0.0022	0.024	189	*	9.25	9.33			07100−2425	I 1	2 C A	AB	89	0.831	0.018	2.79	0.06	
34600	7.719	0.007	7.850	0.009		−0.114	0.010	T	−0.10	0.01	L	7.8479	0.0016	0.018	138		7.82	7.88					1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
34601		07 10 00.52	−28 44 53.5	7.30		G	107.502 168 12	−28.748 184 57		0.68	−3.82	3.30	0.43	0.56	0.76	0.52	0.68	+12	−4	−13	+6	−6	+7	−6	+6	+10	+13	2	−0.88
34602		07 10 00.76	−53 31 37.0	8.75		H	107.503 150 21	−53.526 945 77		0.89	−4.56	8.63	0.70	0.63	0.71	0.79	0.84	−5	+24	+0	−30	+5	−12	+9	−12	+6	−22	0	0.57
34603		07 10 02.16	+38 31 54.4	11.65		H	107.509 004 71	+38.531 765 45		157.24	−439.68	−948.36	3.10	1.83	3.32	5.33	2.78	+4	−5	−3	−14	−24	+33	−15	−53	+18	+28	0	1.82
34604		07 10 04.34	+12 32 53.2	9.16		H	107.518 071 38	+12.548 117 30		3.10	5.15	−9.92	1.46	0.84	1.51	1.41	1.01	+7	+48	−17	−23	−24	−25	−32	−19	−4	+4	0	0.00
34605		07 10 05.16	+65 58 12.9	8.51		H	107.521 509 53	+65.970 238 70		1.18	0.24	−19.44	0.77	0.72	1.13	0.83	0.87	+10	+16	−7	−7	+4	−7	+16	−37	−5	+45	0	1.20
34606		07 10 06.53	−07 13 26.4	8.71		H	107.527 220 71	−07.224 009 67		2.73	−8.50	3.51	1.04	0.81	1.28	1.14	0.84	−4	+19	−42	−36	−16	+16	−4	−47	+31	+27	0	0.51
34607		07 10 06.79	+46 52 50.2	8.40	1	H	107.528 274 72	+46.880 598 14		2.04	3.83	−5.50	1.00	0.70	1.11	1.30	0.95	−32	+19	−17	+6	+5	−6	+11	−30	+18	−22	0	1.42
34608		07 10 06.79	+21 14 53.3	6.43		G	107.528 283 76	+21.248 135 37	+	21.67	−174.67	−473.14	0.81	0.47	0.82	0.78	0.52	+25	+11	−2	−9	−9	−22	−14	−50	−3	+24	0	0.20
34609		07 10 07.07	−57 46 03.8	9.19		H	107.529 440 42	−57.767 735 75		15.22	5.68	69.58	0.78	0.83	0.86	0.89	1.15	+2	+4	+3	−3	+0	−4	+1	+14	−15	−7	1	−0.96
34610		07 10 07.57	+60 04 56.5	8.43		G	107.531 537 63	+60.082 371 41		8.66	−12.92	7.03	0.74	0.56	1.06	0.88	0.77	+1	+27	+4	+22	+12	+4	+3	−25	+3	−23	2	−0.66
34611		07 10 07.68	+34 24 54.3	10.15		G	107.531 990 54	+34.415 094 68		2.48	34.25	−62.96	1.81	0.96	1.89	2.25	1.41	+1	+35	+8	+11	−10	+4	−5	−32	+9	+4	0	−0.79
34612		07 10 08.15	−11 48 09.9	7.64		G	107.533 960 61	−11.802 736 24		−0.19	−3.09	1.21	0.76	0.60	0.93	0.85	0.66	+5	+27	−22	−25	−9	−11	−8	−40	+8	+20	0	−3.14
34613		07 10 08.30	+37 16 36.1	9.84		G	107.534 600 30	+37.276 702 70		5.01	5.47	−256.10	1.58	0.89	1.66	1.95	1.22	+1	+36	+12	+1	+1	+9	+1	−49	−10	+7	0	0.31
34614		07 10 08.60	+07 19 46.0	8.83		H	107.535 846 48	+07.329 439 06		6.13	−1.34	−10.36	1.12	0.66	1.22	1.17	0.79	−1	+31	−7	−49	−12	−11	−12	−48	+4	+4	0	2.91
34615		07 10 08.68	+62 08 09.4	6.96		H	107.536 173 21	+62.135 935 69		2.83	0.72	−18.89	0.59	0.52	0.79	0.73	0.63	+7	+15	−17	+26	−4	+1	+0	−38	+6	+15	0	−0.53
34616		07 10 08.87	−15 41 05.1	7.33		H	107.536 948 47	−15.684 738 52		0.19	−2.24	0.06	0.60	0.58	0.82	0.68	0.65	−29	+21	−30	−7	+26	−14	+26	−30	+12	−20	2	0.06
34617	H	07 10 09.36	−18 41 08.1	6.23		H	107.538 987 09	−18.685 596 57	*	20.08	11.68	−16.71	1.04	1.03	1.10	1.14	0.97	−41	+33	−20	+20	+15	−2	+12	+4	−9	−2	7	0.12
34618		07 10 09.86	−58 59 27.1	8.36		H	107.541 103 69	−58.990 853 70		5.67	6.70	25.18	0.61	0.66	0.68	0.70	0.80	−5	−6	+23	+11	−9	−8	−9	+2	−2	−21	0	0.63
34619		07 10 11.35	−09 20 10.7	8.22		H	107.547 302 97	−09.336 313 61		−0.78	−3.73	3.51	0.94	0.69	1.09	1.09	0.81	+13	+33	−9	−17	−7	−5	−10	−36	−6	+9	0	1.45
34620		07 10 11.99	+68 35 12.2	8.54		H	107.549 964 64	+68.586 727 26		0.72	3.51	−6.39	0.55	0.75	1.05	0.53	0.78	+20	+4	−9	−26	−16	−1	−14	−42	+0	+31	0	1.10
34621		07 10 12.40	−19 11 54.5	7.37		G	107.551 684 91	−19.198 470 09		8.99	−22.40	36.73	0.57	0.58	0.88	0.77	0.87	−30	+18	−27	+9	+18	−20	+16	−5	−15	−8	0	−0.24
34622		07 10 13.68	−04 14 15.5	4.91		G	107.557 007 87	−04.237 635 68		15.45	0.00	217.85	0.66	0.49	0.78	0.68	0.52	+4	+25	−16	−37	−12	+5	−5	−47	+9	+43	0	−0.84
34623		07 10 13.96	−47 23 44.9	8.76		H	107.558 178 41	−47.395 797 16		3.62	−10.77	4.56	0.83	0.73	0.87	1.02	0.88	−2	−6	−5	−21	−3	+10	−4	−25	+3	−28	1	0.03
34624		07 10 19.33	−27 29 29.5	5.46		G	107.580 527 70	−27.491 524 60		5.07	−9.40	1.87	0.36	0.41	0.59	0.45	0.51	+13	+10	−8	+13	−4	+2	−1	+5	+15	+18	0	−0.12
34625		07 10 20.18	+05 18 06.4	9.38		G	107.584 076 33	+05.301 774 17		5.89	−22.16	28.55	1.17	0.79	1.37	1.34	1.15	−24	+26	−26	−29	−3	−20	−12	−23	+7	−23	2	1.09
34626		07 10 20.96	+28 34 22.0	9.72		H	107.587 336 21	+28.572 771 79		10.50	4.32	−54.19	1.73	0.73	1.71	2.03	1.09	+4	+50	−8	+23	−10	−2	+11	−30	+9	+42	2	1.03
34627		07 10 21.69	+10 44 39.3	8.89		H	107.590 366 51	+10.744 261 96		0.85	−2.02	−9.34	0.97	0.61	1.14	1.19	0.82	−21	+33	−11	−21	+2	−28	+0	−26	−4	+7	0	0.60
34628		07 10 22.62	−28 55 59.9	10.51		H	107.594 245 22	−28.933 297 01		−1.74	0.76	−1.78	1.16	1.71	2.13	1.34	1.99	+3	−4	−14	+33	−2	−2	−1	+30	+1	+1	5	2.02
34629		07 10 23.13	+00 15 43.7	8.75		H	107.596 355 28	+00.262 130 99		10.80	−10.26	−31.80	1.33	0.91	1.39	1.53	0.99	−4	−20	−25	−58	+3	+21	+7	−55	+9	−24	0	2.17
34630		07 10 23.81	+24 20 42.5	11.85		G	107.599 195 66	+24.345 130 11		−4.00	−18.97	−258.49	10.40	5.33	3.96	6.91	4.24	+87	−11	−26	−26	−32	+0	−48	−64	+20	+62	2	1.01
*34631	H	07 10 24.47	−55 35 15.7	6.94	1	H	107.601 950 06	−55.587 691 55	A	4.88	−1.46	−9.42	1.27	1.17	1.13	1.16	1.25	−22	+21	−6	+30	−10	+14	−13	−8	−3	−26	6	1.71
*34632	H	07 10 24.16	−30 03 19.9	7.76		G	107.600 686 24	−30.055 535 32	A	5.09	6.72	11.63	0.99	1.68	1.68	1.07	1.90	+6	+15	−4	+0	+6	+27	+2	−27	−9	−6	4	−0.13
34633		07 10 26.23	+01 38 35.4	8.48		H	107.609 296 77	+01.643 156 05		14.64	−20.29	−57.69	0.92	0.58	1.09	0.91	0.67	−8	+44	−8	−28	−3	−26	−4	−29	+4	−7	0	−0.62
34634		07 10 26.52	−44 33 39.9	8.96		G	107.610 504 88	−44.561 074 25		2.51	−8.16	13.22	0.68	0.73	0.80	0.69	0.96	+5	−12	−14	−14	−18	+8	−21	+12	−5	+1	0	0.35
*34635		07 10 26.54	−37 12 58.1	7.68		H	107.610 569 31	−37.216 139 57		3.35	2.45	−38.48	0.47	0.55	0.66	0.52	0.68	+10	+2	−19	−2	−4	+26	+1	+5	+6	+13	0	−0.16
*34636		07 10 26.53	−77 01 40.9	9.73		H	107.610 546 34	−77.028 018 19		4.70	3.47	19.46	0.93	0.80	0.93	1.04	0.88	−10	+30	+7	−20	+11	−3	+9	−17	−7	−28	1	−0.23
34637		07 10 26.54	−24 20 46.6	8.55		H	107.610 585 62	−24.346 269 04		0.81	−4.22	3.08	0.60	0.71	1.00	0.81	0.98	−11	+6	−6	−22	+22	−10	+22	−28	+5	−16	0	−1.97
34638		07 10 28.38	−42 46 59.8	9.68		G	107.618 254 59	−42.783 279 96		2.53	−7.45	8.00	0.75	0.93	0.98	0.78	1.21	−5	+3	−10	+3	−6	+5	−6	+16	−2	−4	0	1.58
34639		07 10 28.43	+57 21 12.8	7.68		H	107.618 467 34	+57.353 555 56		3.67	0.86	−6.13	0.73	0.54	0.95	0.75	0.61	−27	+37	−20	+17	+24	−1	+28	−30	+12	−22	0	−0.44
34640		07 10 29.63	+24 06 30.3	7.94		G	107.623 474 20	+24.108 427 82		13.85	−81.88	−116.35	1.23	0.66	1.02	1.45	0.92	+44	+18	+1	−50	−39	+1	−39	−62	+2	+43	0	0.46
*34641		07 10 29.88	+63 37 09.5	8.66	2	H	107.624 486 90	+63.619 313 55		2.33	0.79	−30.52	0.81	0.65	1.09	1.26	0.79	+21	+4	−2	+9	+1	+16	−7	−30	−2	−1	0	0.98
*34642		07 10 29.86	+53 15 08.5	8.80		H	107.624 416 45	+53.252 364 80		10.77	−72.67	−241.32	1.03	0.85	1.23	1.35	0.92	−23	+18	−15	−29	+4	+20	+13	−63	+0	−4	0	−1.55
34643	H	07 10 30.00	−72 20 33.7	8.03		H	107.624 983 15	−72.342 694 07	A	8.86	1.37	−0.10	0.95	0.77	0.82	0.98	0.75	−13	+40	−1	+12	−11	+3	−10	−7	+7	−33	1	−0.83
34644		07 10 30.15	−20 16 29.4	7.49		H	107.625 621 56	−20.274 826 81		3.34	4.71	−6.08	0.52	0.60	0.85	0.60	0.86	−31	+16	−22	−22	+1	−4	−2	+3	−3	−27	0	−0.43
34645	H	07 10 30.26	−29 20 49.6	7.91		H	107.626 084 70	−29.347 099 25	A	5.28	−5.46	23.53	1.24	1.65	1.76	1.36	1.89	−1	+10	−11	+33	+4	+9	+3	+2	+6	−14	1	0.41
34646		07 10 30.63	−30 39 45.0	7.58	2	H	107.627 626 97	−30.662 511 71	*	−1.34	−2.18	4.29	0.61	0.76	0.91	0.73	1.00	+20	+16	+3	−27	−13	+7	−15	−47	−4	+16	3	−0.22
34647		07 10 32.54	−16 08 15.5	8.69		H	107.635 567 81	−16.137 631 23		0.97	−4.09	−26.83	0.88	0.79	1.16	1.20	1.07	−22	+7	−14	+10	+18	−28	+12	−19	+23	−42	2	0.51
34648		07 10 32.62	+31 58 46.1	9.05		H	107.635 926 63	+31.979 462 90		1.65	4.62	−8.61	1.45	0.76	1.53	1.77	1.09	−13	+34	−19	+18	+0	+7	+23	−37	+22	+25	0	1.80
34649	H	07 10 33.23	−07 52 15.6	7.34		G	107.638 472 95	−07.871 011 57	A	0.76	2.20	−1.83	1.08	0.83	1.23	1.09	0.81	−7	+29	−32	−25	−5	+8	+3	−25	+28	+27	1	0.61
34650		07 10 33.89	+19 48 11.0	7.78		G	107.641 194 31	+19.803 060 67		10.29	−9.47	−7.59	0.86	0.51	1.00	1.11	0.63	+1	+13	−16	−7	+12	−37	+9	−40	−13	+17	0	−0.12
34651		07 10 34.12	+05 49 03.6	8.53		H	107.642 154 89	+05.817 661 97		4.43	−12.68	−4.00	1.12	0.68	1.32	1.17	0.88	−27	+46	−27	−42	+4	−31	−9	−33	−6	−5	0	1.04
34652		07 10 37.26	+08 47 05.9	8.37		H	107.655 255 18	+08.784 960 57		0.99	−3.46	0.50	0.80	0.49	0.99	0.91	0.61	−26	+37	−13	−17	+2	−25	+7	−32	+7	+3	0	1.97
34653		07 10 37.30	+20 26 30.2	9.09		G	107.655 434 73	+20.441 718 14		13.35	147.80	−280.47	1.18	0.65	1.18	1.42	0.83	+29	+14	−5	−21	−15	−23	−17	−47	−4	+29	0	1.41
34654		07 10 37.98	−45 34 52.5	7.87		H	107.658 232 35	−45.581 262 70		3.85	−9.87	11.43	0.56	0.58	0.68	0.63	0.69	−12	+6	+17	+14	−7	+2	−10	+3	−20	−24	0	0.79
34655	H	07 10 38.79	+63 19 03.9	7.83		H	107.661 629 88	+63.317 740 71	A	11.15	−42.06	−81.29	0.93	0.84	1.14	1.20	0.80	−6	+11	−17	+40	−1	+5	−3	−26	+3	−9	3	−0.13
34656		07 10 38.96	+19 18 35.8	8.84		H	107.662 342 51	+19.309 936 66		2.92	29.10	−14.13	1.14	0.72	1.26	1.28	0.87	−12	+25	+0	−21	+18	−23	+15	−53	−21	−3	0	0.16
34657		07 10 38.99	−01 50 34.4	7.98		G	107.662 472 08	−01.842 884 05		7.61	−36.52	−1.54	0.85	0.63	0.97	0.91	0.66	−19	+24	−16	−37	+9	−1	+14	−55	+17	−7	2	0.78
34658		07 10 39.58	−43 24 03.2	9.93		H	107.664 932 68	−43.400 901 39		0.13	−22.90	16.50	0.99	1.16	1.22	0.96	1.38	−2	+5	−11	−14	−22	+8	−24	+6	−5	−11	0	−0.03
34659	H	07 10 39.60	−41 15 54.3	7.49	2	H	107.665 004 96	−41.265 084 17	A	5.42	−6.23	−6.40	0.89	1.04	1.02	0.82	1.19	+8	+4	−14	−7	−22	+18	−23	+6	−10	−3	4	0.10
34660		07 10 40.05	+19 19 43.8	8.52		H	107.666 886 02	+19.328 836 54		3.29	−4.07	−1.06	1.02	0.61	1.12	1.14	0.74	−9	+26	−10	−17	+17	−26	+14	−47	−12	+1	0	0.49
34661		07 10 40.80	+46 03 44.0	9.69		H	107.670 003 12	+46.062 222 64		5.00	−0.13	−21.93	1.29	1.00	1.52	1.69	1.37	−33	+31	−19	−29	+15	+0	+22	−54	+17	−20	4	−0.30
34662		07 10 41.04	+02 28 35.1	8.77		H	107.670 997 09	+02.476 426 75		2.00	−7.44	−52.44	1.05	0.71	1.19	1.11	0.79	−4	+26	−27	−28	−10	−3	−8	−38	+13	+7	0	−0.67
34663		07 10 43.24	+32 37 07.5	7.04		H	107.680 168 91	+32.618 744 22		2.37	4.68	−5.14	0.92	0.48	0.98	1.12	0.75	−4	+37	−27	+25	−9	+11	+11	−25	+29	+24	0	0.45
34664		07 10 43.59	+54 22 23.3	8.56		H	107.681 617 77	+54.373 135 75		1.95	2.57	−5.15	1.01	0.72	1.19	1.23	0.79	−7	+44	−12	−1	−13	+2	−6	−48	−13	+22	0	−0.60
34665		07 10 43.78	−31 23 54.3	7.91		H	107.682 419 82	−31.398 404 73		3.77	−46.36	−26.18	0.54	0.72	0.86	0.68	1.01	+4	+9	−3	+9	+2	+7	+4	+15	+10	+3	1	−0.11
34666		07 10 46.13	−11 34 26.6	7.75		G	107.692 187 70	−11.574 061 45		0.98	−6.08	−0.49	0.80	0.66	0.95	0.83	0.64	−4	+27	−19	−27	−3	+0	+0	−41	+4	+19	0	−0.23
34667		07 10 46.37	+42 10 36.3	9.52		H	107.693 192 97	+42.176 753 59		10.67	−7.63	−76.17	1.48	0.97	1.54	1.71	1.12	−31	+44	+1	−10	+27	+3	+25	−59	−15	−15	0	1.56
34668		07 10 46.48	+33 20 47.7	8.99		H	107.693 650 79	+33.346 595 74		2.80	1.81	−1.42	1.30	0.70	1.46	2.19	1.26	+2	+24	−38	+16	−44	+31	−8	−51	+49	+51	0	−0.77
34669		07 10 46.96	−09 20 09.6	7.41		G	107.695 661 81	−09.336 007 50		2.36	−3.06	3.64	0.76	0.56	0.87	0.87	0.63	+20	+23	−4	−25	−11	+0	−11	−39	+3	+15	0	−1.09
34670		07 10 47.50	−48 55 57.3	5.12		H	107.697 911 41	−48.932 577 06		10.43	−17.24	196.97	0.43	0.43	0.49	0.53	0.49	−4	+17	−13	+0	−3	−4	−5	−12	+7	−24	1	−1.52
34671		07 10 48.87	+32 13 24.0	7.60		H	107.703 619 25	+32.223 343 33		5.23	−33.21	−69.72	1.07	0.51	1.08	1.22	0.77	−5	+44	−13	+23	+0	+2	+16	−30	+17	+18	0	1.91
34672		07 10 49.86	+09 22 40.4	7.66		H	107.707 761 03	+09.377 883 21		5.99	−5.39	−2.25	0.67	0.41	0.80	0.78	0.51	−22	+35	−15	−5	−1	−15	+7	−29	+14	+3	4	0.74
34673		07 10 49.86	−14 26 01.6	9.96		G	107.707 765 12	−14.433 773 33		39.40	−471.47	303.27	0.92	1.02	1.44	0.98	1.14	−47	+22	−24	−3	+34	−23	+36	−26	+3	−32	0	0.65
34674		07 10 50.24	−58 51 23.2	8.31		H	107.709 322 00	−58.856 454 84		3.72	15.76	37.58	0.62	0.65	0.68	0.73	0.76	−7	+6	+13	−6	−5	−10	−3	+2	−4	−22	1	−1.54
34675		07 10 51.35	−44 41 15.3	8.69		H	107.713 977 26	−44.687 569 65		1.66	−0.06	−3.45	0.72	0.72	0.84	0.78	0.98	+6	+1	−12	−18	−12	+19	−12	+17	−13	+3	0	−0.07
34676		07 10 51.85	+45 14 50.3	7.71		H	107.716 044 24	+45.247 314 86		5.09	−15.33	−8.00	0.95	0.68	1.14	1.20	0.85	−22	+37	−15	−25	−1	+3	+5	−48	+3	+0	2	0.08
34677		07 10 52.16	+29 51 12.8	9.18		H	107.717 338 29	+29.853 565 92		7.24	9.53	12.23	1.43	0.65	1.45	1.56	0.93	+1	+42	−3	+18	−4	+12	+10	−38	+16	+16	0	0.41
34678		07 10 54.52	+44 00 53.5	9.57		H	107.727 158 39	+44.014 860 18		2.55	−21.04	−16.00	1.19	0.80	1.42	1.42	0.97	−3	+33	−1	−19	−28	−11	−22	−38	+5	+6	0	0.13
34679		07 10 54.68	−66 19 28.1	9.14		H	107.727 835 23	−66.324 475 22		6.78	16.61	−20.25	0.74	0.67	0.76	0.54	0.85	+2	+21	+4	−56	−19	−17	−21	+4	−1	−13	1	−0.77
34680		07 10 54.88	−09 27 07.7	8.75		G	107.728 654 99	−09.452 134 54		3.80	−3.16	5.72	1.08	0.83	1.22	1.25	0.92	+24	+21	−6	−33	−23	+1	−23	−44	+1	+18	0	−0.34
34681		07 10 56.29	+59 22 11.1	7.95		H	107.734 524 11	+59.369 754 21		3.15	12.06	−29.36	0.71	0.50	1.01	0.89	0.69	+13	+18	−2	+40	+9	−10	−3	−4	+8	−19	0	0.22
34682		07 10 57.10	−13 12 02.9	8.72		G	107.737 928 47	−13.200 798 75		3.15	0.27	11.13	0.91	0.77	1.15	0.95	0.86	+11	+25	−7	−24	−9	−21	−14	−31	−7	−1	0	1.07
34683		07 10 57.45	−67 04 01.5	7.24		H	107.739 366 85	−67.067 082 99		2.97	−3.56	23.00	0.51	0.46	0.52	0.43	0.55	+3	+14	+4	−45	−8	−8	−4	−2	+6	−12	1	0.27
34684		07 10 57.86	−03 52 43.1	8.33	2	T	107.741 089 78	−03.878 640 46		5.23	−13.56	−9.14	0.84	0.59	1.04	0.94	0.71	+7	+29	−15	−24	−8	−16	−6	−34	+8	+27	0	−1.30
34685		07 10 58.19	+53 10 57.4	9.25		H	107.742 458 10	+53.182 623 66		7.14	−22.58	−122.60	1.18	0.91	1.38	1.52	1.04	−18	+26	−6	−27	+4	+11	+8	−60	−5	−1	0	−0.48
34686		07 10 59.75	−67 57 40.9	7.17		H	107.748 961 53	−67.961 369 92		3.69	−10.84	−2.22	0.54	0.45	0.51	0.63	0.50	+1	+14	+4	+2	−10	−3	−10	−10	+7	−10	1	0.71
*34687		07 11 03.10	+49 54 06.9	8.05		H	107.762 901 68	+49.901 918 52		4.27	−1.03	−2.46	0.87	0.67	1.07	1.03	0.68	−16	+36	−32	−7	+1	−15	+0	−30	+1	+7	0	−0.24
*34688		07 11 03.06	−03 53 52.8	6.51		H	107.762 746 05	−03.897 995 35		4.59	−12.25	−8.21	0.70	0.50	0.82	0.69	0.53	+25	+28	−9	−34	−17	−9	−14	−41	+5	+43	0	−0.98
34689		07 11 03.62	−35 25 40.1	9.35		H	107.765 083 49	−35.427 807 77		0.76	−5.55	0.30	0.75	0.88	1.06	0.85	1.04	+3	−3	+0	−18	−2	−1	−1	−11	−10	−4	0	−1.59
34690		07 11 05.87	+21 32 01.2	9.01		H	107.774 470 30	+21.533 667 62		7.38	7.91	−22.02	2.43	1.42	2.67	2.61	1.94	−5	+24	−24	−21	+7	−18	+1	−46	+17	−18	0	
34691		07 11 07.65	+47 54 40.1	8.25		H	107.781 854 21	+47.911 135 00		13.83	78.23	−183.95	0.87	0.61	0.99	1.13	0.85	+3	+23	+6	−9	−17	−8	−13	−13	+17	−1	0	0.26
34692		07 11 08.01	−12 31 21.7	8.65		H	107.783 377 26	−12.522 701 19		−0.02	−3.99	1.38	0.98	0.85	1.10	1.00	0.93	+33	−1	−17	−36	−31	−11	−36	−42	+3	+20	0	2.14
34693		07 11 08.39	+30 14 43.0	4.41		G	107.784 965 05	+30.245 280 65		10.81	−31.00	−48.40	0.98	0.41	0.97	1.02	0.58	+1	+58	−20	+17	−14	+17	+12	−37	+21	+41	0	0.57
34694		07 11 10.51	−04 42 12.0	7.02	2	H	107.793 799 87	−04.703 323 47		−1.57	−2.43	3.04	0.71	0.54	0.86	0.74	0.58	+7	+28	−12	−25	−7	+0	−1	−39	+10	+32	0	−0.14
34695		07 11 10.82	+38 11 41.8	8.09		H	107.795 089 55	+38.194 949 24		1.54	5.49	−24.07	1.34	0.78	1.38	2.17	1.18	+15	+4	−15	−13	−37	+34	−26	−53	+24	+36	0	0.81
34696		07 11 11.57	+03 11 29.9	6.73		H	107.798 211 22	+03.191 631 21		5.20	−17.12	−4.84	0.79	0.50	0.89	0.77	0.53	+2	+38	−23	−25	−13	−9	−10	−37	+11	+10	0	−0.43
34697		07 11 12.93	−25 54 28.2	8.38		G	107.803 864 17	−25.907 844 37		12.52	−292.93	6.97	0.53	0.78	1.07	0.62	0.98	+23	+11	−15	+24	−4	+15	−1	+5	+6	+30	2	2.09
34698		07 11 13.51	−58 01 00.3	10.20		H	107.806 305 72	−58.016 755 71		23.63	−308.22	165.40	1.00	1.07	1.10	1.18	1.32	−8	+4	+10	−15	−5	−8	−1	+1	−6	−27	0	1.51
34699		07 11 14.44	−48 02 00.6	9.37		G	107.810 177 20	−48.033 508 70		1.82	−5.37	2.45	0.80	0.80	0.91	0.88	0.93	−5	+1	−9	−23	−2	+18	−1	−23	+0	−17	0	1.67
34700		07 11 14.80	+32 36 54.1	8.01		H	107.811 655 50	+32.615 033 06		21.86	−110.82	−5.71	1.07	0.53	1.10	1.32	0.79	−11	+37	−29	+34	−9	+10	+14	−26	+24	+26	4	−0.67

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
34601	7.063	0.004	7.251	0.006		−0.174	0.007	G	−0.18	0.01	H	7.2336	0.0010	0.012	148		7.21	7.25					1							S
34602	8.743	0.011	8.750	0.013		−0.002	0.016	T	0.02	0.01	L	8.7612	0.0017	0.017	123		8.74	8.79		C			1							
34603						1.700	0.510	G	3.40	0.98	K	11.4182	0.0071	0.055	65		11.33	11.48		C			1							G
34604	9.456	0.021	9.193	0.025		0.250	0.031	T	0.28	0.04	L	9.2274	0.0025	0.019	74		9.17	9.26		C			1							
34605	10.372	0.028	8.659	0.012		1.430	0.024	T	1.42	0.04	L	8.6470	0.0018	0.022	139		8.61	8.69					1							
34606	8.640	0.011	8.686	0.014		−0.075	0.000	G	−0.05	0.00	H	8.6879	0.0023	0.012	73		8.67	8.71		C			1							
34607	10.596	0.043	8.593	0.015		1.696	0.038	T	1.89	0.10	O	8.4979	0.0032	0.021	86		8.45	8.53		U			1							
34608	7.529	0.006	6.518	0.004		0.880	0.003	G	0.82	0.04	E	6.5679	0.0004	0.005	100		6.56	6.58		C			1 O							S
34609	10.029	0.025	9.298	0.021		0.656	0.025	T	0.72	0.02	L	9.3283	0.0028	0.020	96		9.30	9.37					1							
34610	8.912	0.012	8.455	0.012		0.417	0.015	G	0.48	0.02	H	8.5194	0.0018	0.015	96		8.50	8.54		C			1							
34611	10.322	0.033	10.194	0.047		0.149	0.004	G	0.16	0.00	H	10.1875	0.0029	0.023	86		10.15	10.22		C			1							G
34612	7.587	0.009	7.643	0.010		−0.005	0.003	G	0.02	0.00	H	7.6347	0.0012	0.009	89		7.62	7.65		C			1							S
34613	10.920	0.076	9.783	0.044		0.810	0.015	G	0.84	0.01	H	9.9815	0.0032	0.021	77		9.95	10.02		C			1							G
34614	9.167	0.015	8.865	0.017		0.287	0.021	T	0.33	0.03	L	8.9093	0.0016	0.018	99		8.87	8.93					1							
34615	8.931	0.017	7.098	0.008		1.525	0.015	T	1.56	0.02	L	7.0775	0.0013	0.011	106		7.06	7.10					1							S
34616	7.214	0.006	7.316	0.008		−0.081	0.004	G	−0.06	0.01	H	7.3073	0.0013	0.009	92		7.29	7.33		C			1							S
34617	6.696	0.004	6.267	0.004	*	0.419	0.005	T	0.49	0.01	L *	6.3262	0.0007	0.008	124	*	6.31	6.34			07102−1841	I 1	2 C D	AB	32	0.225	0.045	3.36	0.33	S D
34618	9.585	0.017	8.457	0.011		0.971	0.016	T	0.96	0.01	L	8.5226	0.0013	0.015	115		8.50	8.55		C			1							
34619	8.165	0.011	8.191	0.014		−0.044	0.005	G	−0.02	0.01	H	8.2107	0.0028	0.016	74		8.18	8.24					1							
34620	10.381	0.024	8.692	0.011		1.411	0.021	T	1.39	0.03	L	8.6822	0.0015	0.015	165		8.65	8.71					1							
34621	7.681	0.007	7.388	0.007		0.287	0.015	G	0.33	0.02	H	7.4408	0.0011	0.012	146		7.42	7.46		C			1							S
34622	6.210	0.004	5.032	0.003		1.020	0.000	G	1.03	0.02	A	5.0792	0.0007	0.005	86		5.07	5.09			07102−0414	I 1	1							S
34623	9.343	0.016	8.801	0.015		0.515	0.016	T	0.59	0.02	L	8.8707	0.0020	0.018	94		8.83	8.89		C			1							
34624	6.711	0.004	5.561	0.002		0.998	0.002	G	0.93	0.04	E	5.6245	0.0006	0.008	178		5.61	5.64					1							S
34625	9.983	0.031	9.476	0.030		0.468	0.015	G	0.54	0.02	H	9.4984	0.0017	0.017	79		9.47	9.52		C			1							
34626	10.365	0.041	9.789	0.040		0.538	0.051	T	0.61	0.05	L	9.8335	0.0032	0.022	89		9.80	9.87					1							G
34627	10.729	0.038	9.042	0.015		1.409	0.032	T	1.39	0.04	L	9.0385	0.0019	0.018	122		9.00	9.07		C			1							
34628	10.513	0.037	10.513	0.059		0.005	0.064	T	0.03	0.06	L	10.5180	0.0052	0.052	133		10.41	10.63					1 G							G
34629	9.235	0.019	8.765	0.019		0.443	0.025	T	0.51	0.03	L	8.8516	0.0024	0.017	80		8.82	8.90		C			1							
34630						0.476	0.052	G	0.55	0.06	H	11.9618	0.0047	0.055	83		11.86	12.07					1 G							G
34631	8.109	0.010	7.012	0.007	*	0.947	0.009	T	0.94	0.01	L *	7.1089	0.0017	0.017	98	*	7.09	7.14		U 2	07104−5535	I 1	2 C A	AB	226	6.954	0.002	0.14	0.01	S
34632	8.073	0.012	7.824	0.012	*	0.223	0.006	G	0.25	0.01	H *	7.8193	0.0013	0.010	131	*	7.80	7.83		D	07104−3003	I 1	2 C A	AB	4	0.917	0.002	0.04	0.01	S
34633	9.197	0.016	8.541	0.015		0.609	0.019	T	0.68	0.02	L	8.6079	0.0012	0.013	95		8.59	8.63		D			1							
34634	8.868	0.012	8.923	0.016		−0.067	0.003	G	−0.04	0.00	H	8.9417	0.0018	0.019	110		8.91	8.97		C			1							
34635	9.128	0.011	7.815	0.007		1.115	0.010	T	1.08	0.01	L	7.8476	0.0011	0.013	134		7.83	7.87					1							S
34636	10.313	0.031	9.724	0.029		0.551	0.031	T	0.62	0.03	L	9.8521	0.0024	0.023	101		9.82	9.90		C			1							
34637	8.445	0.007	8.541	0.010		−0.080	0.001	G	−0.06	0.00	H	8.5268	0.0015	0.022	187		8.49	8.57					1 S							
34638	9.814	0.023	9.660	0.028		0.110	0.020	G	0.12	0.02	H	9.7288	0.0020	0.021	104		9.69	9.76					1							G
34639	9.323	0.018	7.827	0.010		1.259	0.016	T	1.22	0.02	L	7.8395	0.0010	0.010	93		7.82	7.86		C			1							S
34640	8.484	0.013	7.983	0.013		0.506	0.015	G	0.58	0.02	H	8.0507	0.0015	0.012	96		8.03	8.07		C			1							S
34641	10.758	0.042	8.897	0.016		1.547	0.036	T	1.61	0.08	L	8.7789	0.0060	0.056	139		8.72	8.90		U 2			1 S							
34642	9.517	0.022	8.870	0.019		0.600	0.025	T	0.67	0.02	L	8.9239	0.0023	0.015	80		8.90	8.95		C			1							
34643	8.355	0.009	8.080	0.009	A	0.165	0.140	G	0.22	0.03	L *	8.0976	0.0017	0.013	110	*	8.08	8.13		D	07105−7221	M 1	2 C A	AB	304	1.032	0.014	2.82	0.06	S
34644	7.738	0.006	7.510	0.006		0.212	0.008	T	0.23	0.01	L	7.5590	0.0008	0.012	174		7.54	7.58					1							S
34645	8.545	0.009	8.049	0.008	*	0.478	0.009	T	0.55	0.01	L *	8.0144	0.0012	0.016	137	*	7.99	8.04		D	07105−2921	I 1	2 C A	AB	338	0.944	0.003	0.52	0.01	S
34646	7.225	0.012	7.428	0.013		−0.175	0.016	T	−0.18	0.02	L	7.5186	0.0302	0.360	122		7.34	8.37	1.21	P 1 A			1 V							S
34647	10.294	0.039	8.829	0.019		1.234	0.034	T	1.19	0.03	L	8.8556	0.0011	0.016	85		8.83	8.88		D			1							
34648	10.727	0.045	9.175	0.021		1.303	0.039	T	1.26	0.04	L	9.1956	0.0024	0.021	95		9.17	9.24		C			1							
34649	7.359	0.008	7.360	0.007	*	−0.001	0.000	G	0.02	0.00	H *	7.3488	0.0013	0.011	86	*	7.33	7.37		D	07106−0752	H 1	2 C A	AB	191	0.742	0.005	2.19	0.02	S
34650	8.292	0.012	7.794	0.010		0.450	0.015	G	0.52	0.02	H	7.8747	0.0015	0.009	93		7.86	7.89		C			1							S
34651	9.149	0.016	8.601	0.015		0.513	0.020	T	0.59	0.02	L	8.6395	0.0016	0.013	94		8.62	8.66		C			1							
34652	8.324	0.008	8.332	0.011		−0.003	0.012	T	0.02	0.01	L	8.3794	0.0014	0.009	113		8.36	8.40					1							
34653	9.921	0.028	9.172	0.023		0.690	0.015	G	0.75	0.01	H	9.2103	0.0019	0.015	95		9.18	9.23		C			1							
34654	8.059	0.009	7.895	0.010		0.150	0.013	T	0.17	0.01	L	7.9214	0.0010	0.013	111		7.89	7.94		C			1							S
34655	8.319	0.011	7.898	0.011	A	0.100	0.495	G	0.51	0.02	L *	7.9278	0.0019	0.016	115	*	7.90	7.96			07106+6319	I 1	2 C D	AB	288	2.869	0.058	4.11	0.23	S D
34656	10.265	0.032	8.985	0.018		1.089	0.029	T	1.05	0.03	L	9.0069	0.0018	0.016	93		8.98	9.04		C			1							
34657	8.333	0.010	7.993	0.011		0.292	0.002	G	0.33	0.00	H	8.0498	0.0009	0.009	77		8.03	8.07		C			1							
34658	10.614	0.038	9.983	0.034		0.582	0.038	T	0.65	0.04	L	10.0542	0.0028	0.029	107		10.00	10.11					1							G
34659	7.668	0.007	7.540	0.008	*	0.116	0.010	T	0.13	0.01	L *	7.5386	0.0011	0.012	128	*	7.52	7.63		U 2 C	07107−4116	I 1	2 C A	AB	53	0.688	0.005	1.66	0.02	S P
34660	8.509	0.011	8.513	0.014		0.001	0.016	T	0.02	0.01	L	8.5280	0.0016	0.015	95		8.51	8.55		C			1							
34661	10.189	0.032	9.662	0.032		0.495	0.041	T	0.57	0.04	L	9.7995	0.0023	0.025	85		9.75	9.84		C			1							
34662	9.193	0.017	8.819	0.018		0.354	0.023	T	0.42	0.03	L	8.8583	0.0020	0.015	90		8.83	8.88		C			1							
34663	8.929	0.013	7.181	0.006		1.457	0.011	T	1.46	0.02	L	7.1711	0.0011	0.010	103		7.15	7.19					1							S
34664	9.928	0.025	8.638	0.016		1.097	0.023	T	1.06	0.02	L	8.7268	0.0023	0.018	83		8.70	8.76		C			1							
34665	9.605	0.017	8.053	0.009		1.303	0.015	T	1.26	0.02	L	8.0636	0.0011	0.014	131		8.04	8.10					1							
34666	7.686	0.008	7.762	0.010		−0.063	0.000	G	−0.04	0.00	H	7.7467	0.0016	0.012	82		7.73	7.77					1							S
34667	10.335	0.039	9.599	0.033		0.674	0.041	T	0.73	0.03	L	9.6604	0.0034	0.020	72		9.62	9.70					1							
34668	9.468	0.022	9.032	0.022		0.412	0.029	T	0.48	0.03	L	9.0827	0.0013	0.013	91		9.06	9.11					1							
34669	7.268	0.007	7.406	0.012		−0.114	0.005	G	−0.10	0.01	H	7.3837	0.0011	0.010	73		7.37	7.40		C			1							S
34670	6.740	0.005	5.255	0.002		1.251	0.003	G	1.23	0.04	E	5.2750	0.0006	0.005	119		5.27	5.28		C			1							S
34671	8.933	0.012	7.716	0.008		1.040	0.011	T	1.01	0.01	L	7.7678	0.0013	0.010	102		7.75	7.78		C			1							S
34672	7.636	0.006	7.650	0.008		−0.008	0.009	T	0.01	0.01	L	7.6689	0.0007	0.009	130		7.65	7.68					1							S
34673	11.441	0.078	10.116	0.037		1.311	0.005	G	1.51	0.01	I	10.0473	0.0030	0.026	125		10.01	10.09					1							G
34674	9.565	0.018	8.428	0.012		0.978	0.017	T	0.96	0.01	L	8.4768	0.0017	0.015	115		8.45	8.51					1							
34675	9.859	0.024	8.767	0.016		0.944	0.022	T	0.93	0.02	L	8.8545	0.0016	0.017	107		8.82	8.88					1							
34676	9.465	0.017	7.872	0.009		1.335	0.015	T	1.30	0.02	L	7.8671	0.0018	0.013	99		7.85	7.90					1							S
34677	9.742	0.028	9.274	0.028		0.441	0.036	T	0.51	0.04	L	9.2783	0.0017	0.019	114		9.25	9.31		C			1							
34678	9.975	0.022	9.607	0.023		0.349	0.030	T	0.41	0.04	L	9.6524	0.0028	0.026	127		9.62	9.70					1							
34679	9.767	0.021	9.195	0.019		0.538	0.021	T	0.61	0.02	L	9.2556	0.0021	0.017	93		9.22	9.28					1							
34680	8.691	0.013	8.763	0.018		−0.030	0.015	G	−0.01	0.01	H	8.7449	0.0018	0.014	74		8.72	8.77		C			1							
34681	9.561	0.018	8.088	0.010		1.241	0.016	T	1.20	0.02	L	8.1136	0.0014	0.012	109		8.10	8.14		C			1							
34682	8.977	0.016	8.727	0.017		0.220	0.015	G	0.24	0.02	H	8.7882	0.0016	0.015	86		8.77	8.81		D			1							
34683	8.832	0.011	7.379	0.006		1.225	0.010	T	1.18	0.01	L	7.4022	0.0009	0.008	131		7.39	7.42		C			1							S
34684	8.728	0.014	8.371	0.015		0.363	0.015	G	0.42	0.02	H	8.4146	0.0232	0.206	86		8.29	8.80	0.68	P 1 A			1							
34685	10.026	0.030	9.307	0.025		0.661	0.031	T	0.72	0.03	L	9.3836	0.0021	0.019	82		9.35	9.42					1							
34686	8.895	0.013	7.318	0.007		1.322	0.012	T	1.28	0.01	L	7.3247	0.0010	0.010	116		7.31	7.34		C			1							S
34687	9.625	0.021	8.172	0.012		1.225	0.019	T	1.18	0.02	L	8.2126	0.0017	0.017	86		8.18	8.24		C	07111+4954	I 1	1							S
34688	7.995	0.010	6.628	0.005		1.158	0.009	T	1.12	0.01	L	6.6739	0.0012	0.011	86		6.66	6.69					1							S
34689	11.074	0.054	9.524	0.023		1.301	0.046	T	1.26	0.05	L	9.5111	0.0023	0.020	125		9.47	9.55					1							
34690	9.495	0.018	9.068	0.019		0.403	0.024	T	0.47	0.03	L	9.0980	0.0022	0.019	103		9.07	9.13					1 X S							
34691	9.614	0.019	8.373	0.012		1.059	0.018	T	1.03	0.01	L	8.4198	0.0017	0.016	89		8.39	8.44		C			1							
34692	8.611	0.015	8.624	0.019		0.016	0.047	G	0.04	0.04	H	8.6612	0.0020	0.017	78		8.63	8.69					1 S							
34693	6.049	0.003	4.534	0.003		1.261	0.000	G	1.25	0.03	C	4.5603	0.0005	0.005	116		4.55	4.57		C	07111+3015	I 1	1							S
34694	7.347	0.008	7.045	0.008		0.287	0.011	T	0.33	0.01	L	7.0903	0.0032	0.019	87		7.06	7.12		U 2			1							S
34695	9.463	0.025	8.202	0.016		1.075	0.023	T	1.04	0.02	L	8.2576	0.0016	0.012	69		8.24	8.28		C			1							
34696	7.944	0.010	6.822	0.006		0.966	0.009	T	0.95	0.01	L	6.8908	0.0010	0.008	97		6.88	6.90		C			1							S
34697	9.244	0.012	8.460	0.010		0.697	0.002	G	0.75	0.00	H	8.5076	0.0012	0.017	209		8.48	8.54		C			1							
34698	11.650	0.092	10.267	0.042		1.170	0.079	T	1.13	0.07	L	10.3685	0.0031	0.026	106		10.32	10.40		C			1							G
34699	9.333	0.016	9.342	0.021		0.011	0.002	G	0.03	0.00	H	9.3846	0.0020	0.018	113		9.35	9.41		C			1							
34700	8.690	0.012	8.078	0.011		0.573	0.015	G	0.65	0.01	H	8.1337	0.0014	0.012	102		8.11	8.16		C			1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ (13)	Standard Errors α* mas (14)	δ (15)	π mas (16)	μα* mas/yr (17)	μδ (18)	Astrometric Correlations (%) δα* πα* πδ μα*α* μα*δ μα*π μδα* μδδ μδπ μδμα* (19–28)	Soln F1 % (29)	F2 (30)
34701		07 11 15.04	−39 16 11.3	7.92		G	107.812 673 68	−39.269 818 40		4.31	−11.43	7.31	0.49	0.55	0.64	0.54	0.69	+10 − 2 − 6 + 7 − 7 + 6 − 7 +11 −18 − 1	1	−1.73
34702		07 11 15.15	−10 32 29.7	7.89	1	H	107.813 132 44	−10.541 571 77		0.57	−7.45	3.03	0.85	0.66	1.03	0.95	0.74	+12 +30 −20 −12 −10 + 9 − 3 −34 +20 +13	2	1.06
34703		07 11 15.29	+59 03 52.6	7.47		H	107.813 691 05	+59.064 616 63		1.82	0.06	−20.19	0.75	0.49	0.92	0.93	0.62	+23 +25 + 0 +43 +10 + 9 − 4 − 2 − 6 − 7	1	−1.96
34704		07 11 15.38	+24 39 49.6	7.97	2	H	107.814 083 73	+24.663 775 00		1.77	3.79	−8.05	1.17	0.57	1.08	1.58	0.93	+32 +15 − 6 −42 −36 −11 −31 −65 + 8 +46	0	−0.36
34705		07 11 16.86	+15 19 56.2	7.23		G	107.820 236 24	+15.332 288 46		10.48	15.49	−36.88	0.91	0.52	1.10	1.08	0.62	+ 2 +36 −11 −13 + 5 −45 + 1 −35 − 4 +14	0	0.35
34706		07 11 16.95	−70 07 10.8	6.77		H	107.820 612 67	−70.119 662 54		6.11	−19.09	90.80	0.55	0.45	0.52	0.56	0.46	− 7 +29 + 0 −14 −10 + 5 − 5 + 4 + 7 −20	0	0.42
34707		07 11 16.98	−09 17 59.5	8.84	2	G	107.820 739 69	−09.299 853 56		14.57	2.64	5.08	5.63	3.84	6.13	6.00	4.52	+12 +36 − 7 −38 −14 − 8 −14 −43 − 3 +33	0	
34708		07 11 17.10	−34 23 21.9	7.82		G	107.821 246 66	−34.389 406 79		3.18	−6.51	5.46	0.49	0.57	0.68	0.58	0.64	− 1 + 0 − 6 +11 + 0 + 6 − 1 −15 +16 − 4	1	−0.36
34709		07 11 17.45	+80 32 42.0	8.25		H	107.822 719 57	+80.544 986 93		2.28	−2.79	−22.88	0.53	0.63	0.77	0.59	0.78	− 3 +13 + 2 +12 +11 + 7 +12 +11 +19 − 2	1	2.17
34710		07 11 17.76	−12 02 28.3	7.13		H	107.824 007 27	−12.041 184 26		15.94	29.92	−71.41	0.73	0.63	0.90	0.79	0.67	+14 +10 −27 −34 −15 −12 −19 −39 + 1 +21	0	−1.01
34711		07 11 19.09	−04 54 29.8	8.92		H	107.829 529 72	−04.908 290 65		2.58	0.41	−0.61	1.04	0.75	1.28	1.09	0.86	− 7 +43 − 9 −22 + 6 − 1 +15 −39 +13 +24	0	−0.38
*34712		07 11 19.58	−67 07 16.1	11.16		G	107.831 572 95	−67.121 145 61		38.44	97.07	−662.81	1.39	1.29	1.41	1.10	1.43	+ 5 +15 + 1 −55 − 9 −12 − 3 − 9 + 9 −12	1	−0.76
*34713		07 11 19.53	−41 43 01.5	8.87		H	107.831 379 61	−41.717 085 12		2.53	−2.95	5.87	0.66	0.70	0.80	0.73	0.98	+ 6 + 0 − 7 −15 − 6 − 3 − 7 −12 + 6 + 3	0	−0.76
*34714		07 11 19.56	+33 06 42.8	7.16		G	107.831 503 60	+33.111 882 64		21.82	−111.55	−8.00	0.95	0.52	1.02	1.62	0.85	+ 9 +13 −31 +16 −35 +21 − 3 −46 +38 +57	0	0.86
34715		07 11 19.76	−72 45 18.6	8.19		H	107.832 320 36	−72.755 153 36		3.89	0.45	21.93	0.66	0.58	0.64	0.65	0.60	− 3 +15 + 5 − 1 −16 + 8 −17 − 7 + 3 −19	0	−0.69
34716		07 11 19.85	−21 48 20.5	7.35		H														
34717		07 11 20.43	−61 49 43.6	9.49		H	107.835 127 67	−61.828 778 06		3.48	−4.97	19.68	0.90	0.82	0.90	1.06	1.20	− 4 + 6 + 6 + 0 − 6 + 1 − 8 + 2 + 0 −12	2	−0.83
*34718		07 11 20.94	−21 48 11.9	6.92		G	107.837 245 94	−21.803 294 32		−1.84	−14.43	3.62	4.82	4.91	6.75	5.91	6.06	−30 + 9 −10 −21 + 5 −15 + 5 −14 +11 −36	0	
*34719		07 11 20.85	−10 25 43.8	7.34		H	107.836 877 39	−10.428 834 95		1.36	−4.85	3.07	0.75	0.60	0.89	0.88	0.67	+ 8 +23 −21 −17 − 5 + 5 − 1 −36 +12 +15	2	1.11
34720		07 11 21.15	−08 10 57.6	9.36		G	107.838 135 74	−08.182 664 25		2.15	0.15	2.36	1.30	0.81	1.55	1.17	0.87	+ 4 +53 −12 − 4 + 3 − 1 +16 −20 +21 +23	4	0.54
34721		07 11 22.63	−39 06 08.0	6.87		H	107.844 280 53	−39.102 215 59		9.72	−24.85	35.60	0.46	0.46	0.56	0.51	0.58	+ 8 − 9 − 6 +13 − 1 + 9 − 1 +11 − 8 − 2	0	−1.51
34722		07 11 23.08	+26 51 24.0	5.75		H	107.846 166 79	+26.856 668 96		8.36	−20.57	−33.50	0.76	0.37	0.80	0.88	0.53	+ 0 +39 + 7 +14 + 1 −17 + 6 −37 − 4 + 5	0	−1.46
34723		07 11 23.43	+20 15 33.2	7.61		H	107.847 640 75	+20.259 213 17		6.94	12.21	−21.57	0.90	0.49	0.91	1.10	0.63	+26 +15 − 8 −11 −13 −21 −13 −44 − 5 +34	2	1.27
34724		07 11 23.63	−00 18 06.9	5.44	1	H	107.848 465 08	−00.301 905 62		12.49	−27.37	−9.12	0.75	0.49	0.75	0.80	0.53	+ 5 +10 − 6 −41 + 0 + 9 − 3 −51 + 6 −26	0	2.27
34725		07 11 25.18	−17 19 52.1	6.66		H	107.854 909 13	−17.331 135 49		2.50	−7.15	5.75	0.60	0.59	0.82	0.84	0.81	− 2 + 7 −31 +16 +19 −17 +16 + 0 − 3 + 1	2	0.12
34726		07 11 25.67	+02 20 25.2	9.01		H	107.856 963 70	+02.340 330 05		1.04	−3.98	−17.67	1.22	0.75	1.38	1.20	0.87	− 9 +44 −17 −27 − 4 −18 − 4 −32 + 6 + 0	0	−0.11
34727		07 11 25.91	−48 02 07.5	9.46		H	107.857 960 92	−48.035 404 58		2.60	−16.14	19.27	0.90	0.93	1.03	0.95	0.97	−10 + 1 − 9 −28 − 2 +13 − 2 −34 + 2 −24	1	0.27
34728		07 11 26.67	−32 48 09.7	8.73	2	H	107.861 112 18	−32.802 703 29		−0.25	−7.90	5.99	0.66	0.82	0.97	0.73	0.98	− 1 + 5 − 6 +37 − 9 +23 − 9 +32 + 0 − 3	0	1.66
34729		07 11 26.85	−27 43 54.6	7.21		H	107.861 854 20	−27.731 825 65		1.27	−4.55	0.59	0.46	0.52	0.76	0.57	0.65	+14 +12 − 3 +20 + 1 + 4 + 4 + 6 +21 +19	0	−1.06
34730		07 11 28.02	+48 19 54.4	12.21	2	G	107.866 766 82	+48.331 778 39		27.56	−100.12	−574.21	3.27	2.31	3.73	4.22	2.89	− 3 +22 − 6 −29 −24 −11 −20 −42 +11 − 3	2	2.62
34731		07 11 28.05	−13 04 14.2	7.67		G	107.866 883 71	−13.070 604 62		0.55	−3.89	1.64	0.76	0.62	0.95	0.77	0.67	+ 9 +31 − 8 −22 − 8 −20 −14 −30 − 9 + 4	0	−0.29
34732		07 11 28.64	+60 13 29.4	7.24		H	107.869 323 04	+60.224 827 80		2.90	0.49	−23.91	0.64	0.47	0.87	0.74	0.60	+ 2 +30 + 0 +24 +10 + 6 + 3 −23 + 1 −15	2	0.90
34733		07 11 28.97	+30 28 21.3	7.18		G	107.870 706 39	+30.472 587 13		9.71	−16.38	3.03	1.04	0.49	1.12	1.28	0.77	− 2 +39 −17 + 3 −17 +31 + 8 −54 +26 +32	0	1.26
34734		07 11 29.89	+58 00 55.2	7.87		H	107.874 538 41	+58.015 325 17		4.40	4.58	−134.39	0.70	0.50	0.99	0.82	0.72	+ 4 +29 − 8 +31 + 8 − 3 + 8 + 2 +20 −14	0	−0.39
34735		07 11 30.00	+26 24 21.4	6.70		H	107.874 997 39	+26.405 943 88		3.03	−11.48	−16.59	0.82	0.45	0.90	0.95	0.68	− 9 +26 +11 + 2 +12 −18 + 5 −46 + 3 −33	0	−0.56
34736		07 11 30.40	−01 01 53.0	8.41		H	107.876 649 43	−01.031 380 50		3.03	−20.19	8.25	0.95	0.68	1.09	1.10	0.83	− 4 +26 −10 −30 + 0 −10 − 3 −44 + 3 −15	0	1.05
34737		07 11 31.53	+55 36 45.3	7.34		H	107.881 366 94	+55.612 581 10		7.33	12.87	−25.64	0.70	0.52	0.87	0.77	0.60	−34 +23 −12 +31 +24 − 1 +18 −31 +12 −45	0	0.66
*34738		07 11 31.69	+17 24 30.2	8.96		H	107.882 042 39	+17.408 387 34		0.91	−0.81	−5.54	1.23	0.71	1.24	1.59	1.12	− 4 +29 + 7 + 6 +30 +10 +35 −41 +10 − 4	0	2.08
*34739		07 11 31.67	−49 25 34.3	7.50		H	107.881 973 78	−49.426 192 24		36.11	−5.97	818.00	0.50	0.53	0.59	0.58	0.65	+ 1 +24 − 7 − 3 + 0 − 5 − 1 − 7 + 1 −17	0	−0.14
34740		07 11 31.69	+30 24 54.4	9.44		H	107.882 054 59	+30.415 124 29		2.70	−3.46	−17.08	1.42	0.70	1.59	1.71	1.11	−11 +33 − 8 + 2 − 5 +28 +13 −52 +25 +14	0	0.51
34741		07 11 33.63	+37 39 49.4	9.76		H	107.890 112 94	+37.663 711 84		0.20	1.13	−33.79	1.78	1.01	1.94	2.60	1.61	−13 + 4 +32 +16 −10 − 9 − 6 −42 − 2 −11	2	1.67
34742	H	07 11 34.50	−25 46 13.9	8.84		H	107.893 739 63	−25.770 531 62	*	1.93	−2.40	3.12	0.59	0.94	1.28	0.67	1.22	+21 +10 + 3 +23 −12 + 1 −13 + 0 + 7 +28	0	−1.75
34743		07 11 35.03	+40 46 37.2	12.17	3	H	107.895 947 21	+40.777 002 88		−1.81	−12.47	−8.63	3.40	2.10	3.57	5.18	2.90	− 1 +13 − 9 +16 −16 +24 − 1 −28 +11 +32	0	−1.53
34744	H	07 11 36.72	−79 59 08.5	8.90		H	107.902 995 52	−79.985 705 06	*	5.07	−10.72	9.23	0.68	0.63	0.71	0.72	0.71	− 3 +17 + 5 + 6 + 0 + 4 − 2 −12 + 0 −15	0	0.06
34745		07 11 37.73	+31 22 39.1	8.11		H	107.907 211 64	+31.377 529 43		5.53	−5.31	−22.74	1.17	0.51	1.18	1.38	0.82	− 7 +43 − 3 +16 − 9 +13 +12 −46 +12 +25	0	−0.32
34746	H	07 11 37.74	+45 02 16.8	9.02		H	107.907 268 02	+45.038 006 55	A	11.46	−8.19	−51.04	2.11	1.63	2.22	2.38	1.77	−47 +43 −32 −13 −10 +15 + 2 −40 + 9 −35	1	0.48
34747		07 11 38.10	−35 38 05.2	9.42		H	107.908 731 78	−35.634 773 83		8.91	−24.92	−107.06	0.79	0.91	1.10	0.88	1.10	+10 −10 − 4 −23 − 9 +13 − 8 −20 − 7 + 3	0	−0.74
*34748		07 11 38.27	−76 11 29.5	9.74		H	107.909 473 73	−76.191 531 69		9.41	76.44	−76.44	0.91	0.85	0.96	1.07	0.99	− 3 +33 + 6 −12 − 1 − 7 − 2 −13 − 3 −25	1	0.19
*34749		07 11 38.14	+23 13 25.5	8.78		H	107.908 934 41	+23.223 736 76		4.63	0.11	0.94	1.19	0.63	1.17	1.46	0.92	+27 +21 − 5 −15 −24 +11 −19 −49 +11 +36	0	−0.16
*34750		07 11 38.76	+57 42 00.5	8.18		G	107.911 497 59	+57.700 148 17		4.90	20.71	22.03	0.77	0.56	1.04	0.83	0.66	+ 2 +34 −13 +41 +19 + 5 +17 + 2 + 9 − 6	0	−1.05
*34751		07 11 38.94	+35 10 41.8	10.48		H	107.912 263 88	+35.178 268 49		1.18	−13.59	−15.27	1.97	0.96	2.02	2.16	1.31	−12 +47 −11 +14 − 8 +12 +10 −44 +13 +16	0	−1.57
*34752		07 11 39.29	+39 19 14.0	4.91		H	107.913 718 45	+39.320 543 73		7.02	44.17	2.09	0.88	0.53	0.91	1.46	0.67	+ 6 +18 −32 +22 −39 +30 − 5 −40 +31 +52	0	−0.36
*34753		07 11 38.47	−84 28 09.9	7.53		H	107.910 295 36	−84.469 408 84		4.84	−10.25	11.65	0.54	0.51	0.57	0.67	0.62	−14 +15 +10 + 9 + 5 + 1 + 0 −14 − 6 −32	1	0.02
34754		07 11 39.41	+56 18 29.8	8.31		H	107.914 207 36	+56.308 267 98		13.40	−18.83	−13.93	0.80	0.58	1.02	0.87	0.71	−18 +29 −12 +31 +26 + 0 +22 −27 + 6 −29	0	0.32
34755		07 11 40.91	−51 17 53.7	8.49		H	107.920 475 31	−51.298 238 51		9.33	−20.27	66.97	0.68	0.61	0.69	0.78	0.68	−10 +16 − 9 +29 −10 − 5 −12 +13 − 5 −18	0	−0.87
34756		07 11 41.27	−38 23 27.8	8.90		H	107.921 953 09	−38.391 046 51		4.56	−7.63	17.54	0.66	0.67	0.82	0.70	0.82	+ 7 +18 −10 −16 − 3 − 3 − 3 + 2 − 5 + 2	0	−2.75
34757		07 11 41.44	−29 48 29.0	7.81		H	107.922 681 60	−29.808 058 13		2.70	−0.34	12.34	0.51	0.76	0.91	0.59	1.02	+ 8 + 1 −17 +24 − 2 +19 + 1 +14 + 5 + 4	0	0.37
34758		07 11 41.61	−20 52 59.2	5.84		G	107.923 378 59	−20.883 115 63		6.67	−9.30	21.62	0.44	0.45	0.64	0.53	0.60	−23 +26 −13 − 9 +11 + 0 +11 −12 − 1 −18	0	0.13
34759		07 11 43.84	+04 56 29.4	8.37		G	107.932 686 37	+04.941 492 33		15.09	−8.01	−21.35	1.03	0.61	1.26	1.05	0.85	−14 +49 −11 −26 − 4 −25 −15 −28 −14 − 5	0	0.48
34760		07 11 44.28	+72 34 52.8	9.72		H	107.934 505 18	+72.581 339 79		0.20	0.19	−0.44	0.73	0.98	1.30	0.76	1.20	+18 +17 +20 +23 + 7 + 8 + 8 + 7 +19 +14	1	0.78
34761		07 11 45.11	−40 11 30.1	10.08		G	107.937 943 00	−40.191 684 73		7.84	−2.83	7.07	0.91	0.97	1.18	0.99	1.23	+ 7 +23 +11 + 5 + 1 + 5 − 3 + 7 −14 + 5	0	−0.71
34762		07 11 46.32	−23 12 39.0	10.11		H	107.942 997 74	−23.210 825 81		0.68	−1.23	2.21	0.84	1.04	1.67	1.18	1.40	+ 8 + 0 − 6 − 6 + 7 +17 + 7 − 7 +21 +11	2	1.59
34763		07 11 46.84	+16 58 35.1	6.50		H	107.945 173 87	+16.976 423 85		2.97	10.90	−32.91	0.85	0.50	0.92	0.86	0.58	−10 +33 − 9 −10 +10 + 2 +10 −44 + 6 −13	0	1.78
34764	H	07 11 48.97	+19 53 08.3	7.99		H	107.954 055 01	+19.885 628 02	A	5.21	−5.01	−15.75	1.74	0.95	1.33	1.67	0.98	+16 + 8 − 6 + 1 −11 − 9 + 0 −32 + 5 +39	0	−0.36
34765		07 11 49.14	−17 39 59.0	9.82		H	107.954 770 69	−17.666 379 47		1.99	−2.93	3.89	1.20	1.17	1.58	1.66	1.76	+ 0 +20 −10 +23 +12 − 6 +12 +12 + 6 − 5	0	0.46
34766		07 11 50.20	−58 51 02.5	8.73		H	107.959 148 08	−58.850 685 38		1.75	−5.44	11.14	0.66	0.71	0.71	0.74	0.84	− 9 + 1 + 2 + 8 − 9 + 3 − 9 + 8 − 2 −22	3	0.44
34767		07 11 51.12	+10 30 43.8	8.06		H	107.963 012 34	+10.512 179 70		14.01	35.30	−47.73	0.84	0.44	1.04	0.98	0.66	−28 +46 − 7 − 7 − 5 −19 + 1 −26 + 5 − 7	0	−0.43
34768		07 11 51.39	+05 39 17.0	6.07	1	H	107.964 126 63	+05.654 715 49		4.17	−12.25	−5.19	0.79	0.52	0.90	0.76	0.56	−22 +41 −33 −37 − 4 −15 − 6 −37 +10 + 3	2	0.75
*34769		07 11 51.86	−00 29 34.0	4.15		G	107.966 084 86	−00.492 780 56		8.70	−0.22	6.68	0.75	0.50	0.77	0.80	0.54	+12 + 0 + 3 −37 − 4 +15 − 9 −49 − 4 −18	0	1.46
*34770		07 11 51.85	+43 15 32.9	9.37		H	107.966 042 97	+43.259 150 88		4.90	−1.15	−0.37	1.17	0.81	1.44	1.49	1.02	−26 +34 −10 + 9 −25 −13 −12 −21 +23 −16	0	0.20
34771		07 11 53.50	−19 53 50.2	8.35		H	107.972 923 42	−19.897 267 85		1.86	−8.71	2.50	0.61	0.75	1.01	0.69	1.06	−34 +23 −26 −16 + 4 −11 + 1 + 6 − 7 −33	0	−1.61
34772		07 11 54.62	−06 33 43.8	8.54		H	107.977 570 82	−06.562 157 32		3.33	−2.62	1.79	0.93	0.70	1.10	1.11	0.75	+ 2 + 3 −15 −36 − 5 +13 − 3 −35 +14 +19	0	−0.39
34773		07 11 54.73	+34 59 18.8	8.62		G	107.978 051 37	+34.988 553 20		3.31	−11.81	−16.52	1.38	0.69	1.47	1.31	0.82	−19 +62 −25 +10 −13 +16 + 2 −39 + 8 +15	6	1.00
34774		07 11 54.76	−06 27 02.5	9.42		H	107.978 146 44	−06.450 691 38		5.38	−7.68	13.31	1.26	0.95	1.47	1.63	1.12	− 7 + 8 −18 −41 + 0 + 3 + 3 −42 +19 − 7	0	−0.03
34775		07 11 55.32	+23 24 56.0	9.29	2	H	107.980 510 63	+23.415 567 15		4.11	3.92	−14.83	1.29	0.72	1.19	1.62	1.09	+26 +10 − 1 −43 −22 +16 −23 −62 + 7 +24	0	−0.69
34776		07 11 55.47	−56 09 20.2	6.67		H	107.981 139 42	−56.155 617 62		9.25	−23.42	49.92	0.46	0.49	0.51	0.54	0.67	− 1 +10 − 5 +12 − 3 + 9 − 5 − 2 − 4 −10	0	2.18
34777		07 11 57.02	+49 47 23.6	6.67	2	H	107.987 585 17	+49.789 895 21		4.57	−12.35	−24.50	0.67	0.47	0.77	0.84	0.51	− 2 +36 −10 −21 −18 − 9 −15 −40 − 9 +20	0	0.96
*34778		07 12 01.09	+43 50 35.0	6.88	1	H	108.004 557 95	+43.843 042 81		3.89	−16.60	−26.19	0.75	0.49	0.88	0.84	0.55	−30 +41 −13 + 2 −17 −13 − 9 −26 + 3 − 9	0	1.22
*34779	H	07 12 01.03	+22 16 44.8	7.37		H	108.004 279 45	+22.279 103 67	A	5.78	40.15	−37.71	2.24	1.18	1.90	1.84	1.27	− 5 +13 − 9 − 1 +10 +12 +17 −45 +17 + 2	8	2.05
34780	H	07 12 01.98	−63 11 24.2	6.03		H	108.008 255 71	−63.190 054 10	A	5.45	−2.30	−1.98	1.00	0.96	0.66	0.81	0.83	−23 − 6 +17 −20 + 2 + 7 + 5 −11 + 6 −38	1	0.12
34781		07 12 02.29	−27 43 04.9	9.28		H	108.009 553 83	−27.718 021 81		−0.46	−4.53	−0.34	0.71	0.78	1.11	0.85	0.94	+ 7 +14 −19 +29 − 6 +10 − 1 + 4 +14 +17	1	1.31
34782		07 12 04.12	−30 49 17.1	6.10		H	108.017 162 82	−30.821 420 72		21.02	−43.60	23.11	0.39	0.49	0.61	0.47	0.67	+11 + 9 −12 − 2 −10 + 3 −12 + 7 − 1 +19	0	−0.21
34783	H	07 12 04.41	+06 21 34.1	8.99		H	108.018 384 65	+06.359 479 85	A	1.84	−11.11	−5.40	3.88	2.65	3.17	3.25	2.53	− 4 +18 −13 −24 +11 − 7 +10 −23 +15 −37	1	−1.32
34784		07 12 04.50	−28 06 33.9	9.55		H	108.018 755 69	−28.109 424 99		2.20	−4.68	3.50	0.83	1.01	1.37	0.97	1.20	+12 +13 − 4 +16 − 5 + 5 − 3 − 3 + 8 +16	0	1.90
34785		07 12 04.88	−24 53 31.5	10.37		G	108.020 343 98	−24.892 071 32		36.44	−113.56	−7.91	0.86	1.33	1.80	0.92	2.02	+20 −10 − 7 +24 −15 −16 −16 −35 −13 +26	0	−0.14
34786		07 12 05.40	−27 20 05.8	6.92		H	108.022 487 00	−27.334 955 98		2.61	−8.67	4.23	0.42	0.48	0.67	0.51	0.56	+14 +10 −12 +25 − 7 +11 − 4 + 8 +10 +21	0	0.10
34787		07 12 05.53	+40 46 44.4	10.53		H	108.023 023 34	+40.779 013 45		1.80	−8.84	−11.81	1.84	1.16	2.08	3.00	1.61	− 5 + 6 −13 − 2 −16 +28 + 5 −47 +16 +38	0	0.05
34788		07 12 05.76	−53 12 59.2	9.30		H	108.024 005 93	−53.216 433 34		1.40	−3.43	1.67	0.81	0.84	0.90	0.93	1.07	− 4 + 7 + 5 − 5 − 4 −16 − 2 + 5 + 0 −16	0	−0.42
34789	H	07 12 07.50	+05 28 27.7	6.15		H	108.031 267 99	+05.474 361 98	A	4.33	−20.41	−6.33	1.17	1.22	1.06	0.90	0.67	− 8 +39 −17 −38 + 7 −20 + 3 −30 + 4 −12	1	0.24
34790		07 12 07.70	−47 24 13.8	9.75		G	108.032 076 57	−47.403 844 05		4.81	−2.30	12.90	2.72	2.72	2.98	3.02	2.86	−12 − 4 + 7 −23 + 0 + 9 − 2 −35 − 7 −31	1	
34791		07 12 10.09	−30 16 54.2	8.49		H	108.042 045 61	−30.281 727 63		1.94	−3.96	23.15	0.65	0.82	1.07	0.74	1.13	+12 − 6 −20 +14 − 2 +15 + 2 − 1 − 5 +10	0	−0.53
34792		07 12 10.16	−59 50 21.9	8.05	2	H	108.042 319 21	−59.839 428 78		2.24	−3.98	8.69	0.58	0.59	0.61	0.61	0.69	− 5 +10 +20 − 1 −19 − 3 −20 + 8 + 0 −16	3	2.03
34793		07 12 10.19	−05 26 41.7	7.24		G	108.042 456 50	−05.444 905 42		1.53	−0.68	−0.50	0.86	0.58	1.06	0.79	0.61	+ 8 +53 + 5 −35 − 3 −11 + 3 −46 + 4 +29	0	1.63
34794		07 12 10.85	−19 37 13.3	7.70		G	108.045 208 52	−19.620 349 41		5.67	5.10	9.19	0.59	0.64	0.91	0.70	0.98	−29 +21 −19 −10 − 1 −16 − 4 +10 + 3 −30	0	−0.36
34795		07 12 11.37	−22 59 00.5	8.37		G	108.047 354 34	−22.983 473 88		2.44	20.51	−11.91	0.56	0.65	1.04	0.73	0.83	+17 − 1 −16 − 6 + 5 + 2 + 5 −20 + 5 +18	1	1.01
34796		07 12 11.51	+52 16 26.8	11.25		G	108.047 942 49	+52.274 117 38		37.41	−140.18	−261.14	2.20	1.89	2.45	2.79	1.99	−44 + 6 +15 −39 +29 +20 +31 −69 −24 −32	2	0.73
34797	H	07 12 12.01	−19 16 10.9	8.53		H	108.050 056 97	−19.269 694 52	*	1.61	−6.61	2.78	0.69	0.84	1.16	0.96	1.20	−25 +21 −38 + 4 +11 −23 + 5 + 1 +11 −22	0	−0.50
34798		07 12 12.22	−25 56 33.4	5.91	1	G	108.050 909 50	−25.942 609 47		4.54	−5.28	8.62	0.33	0.43	0.61	0.38	0.52	+18 + 8 − 2 +28 − 4 + 2 − 2 + 0 +11 +22	0	0.81
34799		07 12 13.34	+27 26 10.4	9.51		H	108.055 587 89	+27.436 227 78		7.61	15.92	−17.83	1.39	0.64	1.40	1.51	0.89	− 1 +34 + 0 +21 − 2 −10 + 3 −36 + 0 + 8	0	−0.90
34800		07 12 14.53	+29 20 12.0	9.45		H	108.060 520 96	+29.336 676 10		8.67	−7.87	−22.40	1.63	0.65	1.53	1.96	1.04	+ 0 +45 − 1 +33 + 3 − 1 +25 −40 +11 +27	0	0.48

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
34701	7.869	0.009	7.910	0.009		−0.049	0.002	G	−0.03	0.00	H	7.9098	0.0011	0.010	127		7.89	7.93		C			1							S
34702	7.845	0.008	7.875	0.011		−0.038	0.000	G	−0.02	0.00	H	7.8908	0.0027	0.021	88		7.85	7.94		U	07113−1033	I 1	1 S							S
34703	8.750	0.010	7.563	0.007		1.017	0.010	T	0.99	0.01	L	7.6314	0.0011	0.011	120		7.61	7.66		C			1							S
34704	10.099	0.028	8.209	0.012		1.603	0.025	T	2.51	0.05	O	7.9891	0.0032	0.036	110		7.95	8.06		U 2			1 S							
34705	7.681	0.008	7.257	0.009		0.398	0.015	G	0.46	0.02	H	7.3181	0.0009	0.007	82		7.30	7.33					1							S
34706	8.057	0.008	6.885	0.005		1.005	0.007	T	0.98	0.01	L	6.9350	0.0008	0.011	111		6.92	6.95					1							S
34707	8.938	0.015	9.004	0.020		−0.020	0.015	G	0.00	0.01	H	8.8930	0.0039	0.031	71		8.86	8.96		U 2			1 X S							
34708	7.662	0.006	7.786	0.008		−0.117	0.004	G	−0.10	0.01	H	7.7854	0.0015	0.014	118		7.77	7.81					1							S
34709	8.328	0.008	8.255	0.010		0.072	0.012	T	0.08	0.01	L	8.2792	0.0014	0.013	152		8.25	8.31		C			1 G							S
34710	7.934	0.010	7.202	0.009		0.671	0.011	T	0.73	0.01	L	7.2695	0.0014	0.011	81		7.25	7.29		C			1							S
34711	8.847	0.016	8.923	0.021		−0.065	0.024	T	−0.04	0.02	L	8.9009	0.0022	0.017	80		8.88	8.92		C			1							
34712						1.440	0.020	G	1.77	0.05	I	11.2656	0.0041	0.041	117		11.19	11.33		C			1							G
34713	11.105	0.061	9.064	0.018		1.690	0.051	T	1.71	0.05	L	8.9754	0.0014	0.016	107		8.95	9.00					1							
34714	7.654	0.007	7.197	0.007		0.431	0.009	T	0.50	0.01	L	7.2645	0.0009	0.009	95		7.25	7.28		C			1							S
34715	9.471	0.016	8.329	0.011		0.982	0.015	T	0.96	0.01	L	8.3568	0.0017	0.015	113		8.32	8.38					1							
34716						−0.007	0.093	G	0.01	0.09	R	7.3594	0.0525	0.432	133		6.86	8.21		D	07113−2148	I 2	S							G
34717	9.903	0.025	9.511	0.026		0.383	0.031	T	0.45	0.03	L	9.5759	0.0032	0.021	83		9.54	9.60		C			1							
34718	6.821	0.005	6.902	0.006		−0.064	0.015	G	−0.06	0.01	L	6.7258	0.0014	0.014	136		6.71	6.77		D	07113−2148	I 2	1 X S							S
34719	7.217	0.007	7.310	0.008		−0.079	0.006	G	−0.06	0.01	H	7.3162	0.0023	0.014	92		7.29	7.34					1							S
34720	9.309	0.016	9.360	0.022		−0.021	0.000	G	0.00	0.00	H	9.3732	0.0025	0.017	70		9.35	9.41		C			1 S							G
34721	7.043	0.004	6.888	0.005		0.141	0.006	T	0.16	0.01	L	6.9241	0.0009	0.009	136		6.91	6.94		C	07114−3906	I 1	1 S							S
34722	5.903	0.003	5.768	0.003		0.130	0.004	T	0.14	0.00	L	5.7979	0.0004	0.004	128		5.79	5.81		C			1							S
34723	8.909	0.014	7.703	0.009		1.032	0.013	T	1.00	0.01	L	7.7741	0.0011	0.009	100		7.76	7.79		C			1							S
34724	5.792	0.005	5.466	0.005		0.310	0.013	G	0.36	0.02	H	5.5135	0.0024	0.022	84		5.48	5.55	0.09	P 1 A			1							S
34725	6.607	0.004	6.648	0.005		−0.033	0.006	T	−0.01	0.01	L	6.6569	0.0008	0.008	101		6.64	6.67					1							S
34726	10.842	0.054	9.185	0.022		1.386	0.046	T	1.36	0.06	L	9.1548	0.0019	0.022	95		9.13	9.19					1							
34727	10.692	0.042	9.590	0.026		0.951	0.038	T	0.94	0.03	L	9.6174	0.0020	0.026	113		9.59	9.66					1							
34728	10.978	0.045	8.916	0.014		1.745	0.039	T	1.98	0.10	O	8.8131	0.0037	0.031	136		8.76	8.85		U 2			1							
34729	8.664	0.009	7.321	0.005		1.139	0.008	T	1.10	0.01	L	7.3810	0.0012	0.013	174		7.35	7.40					1 S							S
34730						1.430	0.015	G	1.75	0.04	I	12.2906	0.0105	0.078	66		12.10	12.41		U			1							G
34731	7.645	0.009	7.669	0.009		−0.009	0.001	G	0.01	0.00	H	7.6722	0.0012	0.010	83		7.65	7.69		C			1							S
34732	8.540	0.011	7.353	0.007		1.017	0.010	T	0.99	0.01	L	7.4107	0.0009	0.009	100		7.40	7.43					1							S
34733	7.621	0.008	7.221	0.007		0.397	0.015	G	0.46	0.02	H	7.2782	0.0010	0.010	124		7.26	7.29		C			1							S
34734	9.012	0.014	7.968	0.010		0.907	0.013	T	0.91	0.01	L	8.0294	0.0014	0.012	115		8.01	8.06		C			1							S
34735	8.070	0.008	6.822	0.006		1.064	0.008	T	1.03	0.01	L	6.8715	0.0007	0.007	134		6.86	6.88		C			1							S
34736	9.737	0.026	8.525	0.016		1.036	0.024	T	1.01	0.02	L	8.5818	0.0012	0.013	83		8.56	8.60		C			1							
34737	7.722	0.007	7.376	0.007		0.328	0.009	T	0.38	0.01	L	7.4186	0.0012	0.011	113		7.40	7.44		C			1							S
34738	9.188	0.016	8.988	0.019		0.191	0.023	T	0.21	0.03	L	9.0238	0.0027	0.014	77		9.00	9.05					1							
34739	8.378	0.010	7.580	0.008		0.705	0.001	G	0.75	0.00	H	7.6399	0.0010	0.010	121		7.62	7.66		C			1							S
34740	9.729	0.037	9.408	0.042		0.305	0.052	T	0.35	0.07	L	9.5168	0.0022	0.021	118		9.48	9.55		C			1 S							
34741	10.307	0.050	9.835	0.049		0.445	0.064	T	0.51	0.07	L	9.8585	0.0027	0.018	66		9.83	9.90		C			1							G
34742	8.704	0.008	8.833	0.011	*	−0.112	0.012	T	−0.10	0.01	L *	8.8044	0.0015	0.020	210	*	8.77	8.84			07116−2546	M 1	2 C S C	AC	303	0.156	0.048	1.83	0.74	
34743											T	12.2600	0.0557	0.396	72		11.29	12.66	0.39	P 1 A			1							G
34744	9.210	0.013	8.899	0.014	*	0.297	0.020	T	0.34	0.03	L *	8.9790	0.0020	0.017	118	*	8.95	9.00		C	07116−7959	H 1	2 C S C	AB	263	0.110	0.191	2.53	5.62	
34745	8.258	0.010	8.110	0.012		0.114	0.015	G	0.13	0.01	H	8.1540	0.0015	0.012	114		8.13	8.17		C			1							S
34746	9.805	0.023	9.191	0.020	A	0.600	0.495	G	0.68	0.06	L *	9.1456	0.0017	0.019	102	*	9.11	9.18		D	07116+4502	I 1	2 C A	AB	129	3.342	0.013	1.73	0.04	
34747	10.288	0.030	9.470	0.023		0.722	0.029	T	0.77	0.02	L	9.5583	0.0023	0.019	121		9.52	9.59		C			1							
34748	10.663	0.039	9.821	0.029		0.740	0.037	T	0.79	0.03	L	9.8774	0.0029	0.026	111		9.84	9.92		C			1							
34749	8.807	0.012	8.773	0.015		0.036	0.018	T	0.05	0.01	L	8.8022	0.0024	0.016	118		8.77	8.83		C			1							
34750	8.592	0.011	8.205	0.011		0.382	0.003	G	0.45	0.00	H	8.2656	0.0017	0.014	114		8.25	8.29		C			1							S
34751	10.891	0.062	10.373	0.065		0.486	0.081	T	0.56	0.09	L	10.5928	0.0022	0.025	91		10.54	10.64					1							G
34752	6.821	0.007	5.065	0.004		1.451	0.005	G	1.48	0.03	C	5.0370	0.0009	0.008	78		5.03	5.05					1							S
34753	7.552	0.006	7.547	0.008		0.006	0.009	T	0.03	0.01	L	7.5438	0.0016	0.014	115		7.52	7.57			07116−8428	I 1	1							S
34754	8.920	0.013	8.383	0.012		0.504	0.016	T	0.58	0.02	L	8.4248	0.0013	0.015	110		8.40	8.45		C			1							
34755	9.038	0.012	8.545	0.012		0.475	0.013	T	0.55	0.01	L	8.5959	0.0017	0.016	123		8.57	8.63			07117−5118	I 1	1							
34756	9.134	0.013	8.920	0.015		0.198	0.020	T	0.22	0.02	L	8.9686	0.0021	0.016	124		8.94	8.99		C			1							
34757	8.649	0.009	7.884	0.007		0.686	0.015	G	0.74	0.01	H	7.9456	0.0014	0.014	144		7.93	7.97		C			1							S
34758	5.789	0.002	5.830	0.003		−0.038	0.003	G	−0.02	0.00	H	5.8325	0.0007	0.005	138		5.82	5.85					1							S
34759	8.998	0.016	8.430	0.015		0.543	0.015	G	0.62	0.01	H	8.4850	0.0021	0.013	75		8.47	8.52		C			1							
34760	11.581	0.056	9.830	0.021		1.460	0.047	T	1.47	0.07	L	9.8565	0.0020	0.026	176		9.79	9.91					1							
34761	10.628	0.049	10.120	0.049		0.440	0.020	G	0.51	0.02	H	10.1826	0.0035	0.027	109		10.13	10.22					1							G
34762	10.088	0.018	10.117	0.028		−0.022	0.030	T	0.00	0.03	L	10.1081	0.0034	0.039	231		10.04	10.18					1 S							G
34763	8.356	0.014	6.652	0.006		1.423	0.012	T	1.41	0.02	L	6.6373	0.0009	0.008	89		6.62	6.65		C			1							S
34764	8.219	0.010	8.020	0.012	*	0.190	0.015	T	0.21	0.02	L *	8.0492	0.0012	0.010	104	*	8.03	8.07		D	07118+1953	I 1	2 C A	AB	78	0.497	0.011	1.87	0.04	S
34765	10.077	0.028	9.842	0.034		0.224	0.041	T	0.25	0.05	L	9.8892	0.0038	0.031	89		9.85	9.94		C			1							G
34766	8.703	0.011	8.720	0.014		−0.014	0.016	T	0.01	0.01	L	8.7345	0.0016	0.015	101		8.70	8.76					1							
34767	8.701	0.009	8.125	0.008		0.548	0.015	G	0.62	0.01	H	8.1812	0.0009	0.010	146		8.17	8.20		C			1							S
34768	6.048	0.003	6.070	0.005		−0.016	0.005	G	0.01	0.01	H	6.0705	0.0010	0.008	84		6.06	6.08		M			1							S
34769	4.155	0.003	4.149	0.003		−0.005	0.006	G	0.02	0.02	A	4.1544	0.0004	0.003	79		4.15	4.16		C	07119−0030	I 1	1							S
34770	9.440	0.019	9.349	0.024		0.089	0.029	T	0.10	0.03	L	9.4069	0.0023	0.024	94		9.37	9.45		C			1							
34771	8.286	0.008	8.329	0.010		−0.077	0.003	G	−0.06	0.00	H	8.3331	0.0012	0.017	169		8.31	8.36					1							
34772	8.480	0.012	8.527	0.015		−0.038	0.017	T	−0.02	0.02	L	8.5332	0.0020	0.014	73		8.50	8.55		C			1							
34773	8.769	0.012	8.651	0.015		0.100	0.015	G	0.11	0.02	H	8.6538	0.0015	0.016	97		8.62	8.68		C	07119+3459	I 1	1 S							
34774	9.845	0.027	9.448	0.028		0.376	0.036	T	0.44	0.04	L	9.5066	0.0029	0.017	68		9.47	9.54					1							G
34775	9.845	0.021	9.356	0.022		0.460	0.028	T	0.53	0.03	L	9.3912	0.0025	0.028	117		9.36	9.49		U 2			1							
34776	7.903	0.007	6.781	0.004		0.966	0.006	T	0.95	0.01	L	6.8317	0.0010	0.009	111		6.82	6.85					1							S
34777	8.745	0.012	6.865	0.006		1.595	0.011	T	1.96	0.04	O	6.7544	0.0021	0.020	87		6.73	6.79		U 2			1							S
34778	6.916	0.004	6.886	0.005		0.022	0.002	G	0.04	0.00	H	6.8980	0.0032	0.025	117		6.86	6.92	0.80	P 1 A			1							S
34779	7.939	0.009	7.403	0.008	*	0.503	0.011	T	0.58	0.01	L *	7.4826	0.0012	0.010	121	*	7.47	7.51		D	07120+2217	I 1	2 C A	AB	40	8.883	0.004	0.14	0.01	S
34780	6.014	0.003	6.031	0.004	*	−0.011	0.005	T	0.01	0.01	L *	6.0323	0.0008	0.006	113	*	6.02	6.04		D	07120−6311	I 1	2 C A	AB	112	0.364	0.002	0.91	0.02	S
34781	9.038	0.011	9.251	0.017		−0.186	0.004	G	−0.20	0.01	H	9.2084	0.0026	0.026	169		9.17	9.25					1							
34782	6.416	0.004	6.123	0.003		0.273	0.008	G	0.24	0.03	C	6.1691	0.0006	0.007	140		6.15	6.18		C			1							S
34783	9.152	0.015	8.984	0.017	*	0.161	0.022	T	0.18	0.02	L *	9.0472	0.0015	0.014	97	*	9.01	9.07		D	07121+0622	I 1	2 C A	AB	132	0.429	0.005	0.07	0.02	
34784	9.506	0.015	9.527	0.020		−0.015	0.023	T	0.01	0.02	L	9.5486	0.0024	0.030	171		9.50	9.61					1 S							G
34785	12.254	0.144	10.524	0.045		1.330	0.008	G	1.54	0.01	I	10.4671	0.0025	0.037	215		10.39	10.53					1							G
34786	6.726	0.003	6.891	0.004		−0.142	0.004	T	−0.14	0.01	L	6.8686	0.0009	0.011	187		6.85	6.89			07121−2720	I 1	1							S
34787	10.910	0.059	10.501	0.066		0.415	0.015	G	0.48	0.02	H	10.6253	0.0031	0.031	89		10.57	10.67		C			1							G
34788	10.483	0.030	9.355	0.019		0.971	0.028	T	0.96	0.02	L	9.4692	0.0030	0.024	116		9.43	9.50					1							
34789	7.641	0.008	6.289	0.004	*	1.142	0.001	G	1.15	0.04	E *	6.3135	0.0005	0.005	83	*	6.31	6.32		D	07121+0528	H 1	2 C A	AB	16	0.337	0.008	2.69	0.07	S
34790	9.795	0.024	9.767	0.033		0.090	0.020	G	0.10	0.02	H	9.7953	0.0025	0.023	93		9.76	9.83		C			1 X							G
34791	9.570	0.016	8.587	0.012		0.862	0.015	T	0.87	0.01	L	8.6509	0.0018	0.021	141		8.62	8.69					1							
34792	8.047	0.008	8.105	0.010		−0.030	0.005	G	−0.01	0.01	H	8.0502	0.0052	0.060	105		8.02	8.35	1.06	P 1 A			1							S
34793	9.107	0.022	7.377	0.011		1.451	0.020	G	1.45	0.03	H	7.4049	0.0012	0.008	76		7.39	7.42		C			1							S
34794	7.946	0.007	7.727	0.008		0.213	0.015	G	0.24	0.02	H	7.7615	0.0011	0.013	149		7.74	7.79			07122−1937	I 1	1							S
34795	9.555	0.012	8.491	0.008		0.955	0.007	G	1.00	0.02	A	8.5260	0.0017	0.021	213		8.49	8.57					1							
34796						1.470	0.020	G	1.90	0.09	I	11.3575	0.0040	0.038	80		11.27	11.42					1							G
34797	8.532	0.010	8.553	0.013	*	−0.015	0.015	T	0.01	0.01	L *	8.5326	0.0021	0.020	117	*	8.49	8.57			07122−1916	H 1	2 C S A	AB	70	0.119	0.006	0.31	0.58	
34798	5.690	0.003	5.878	0.003		−0.170	0.004	G	−0.18	0.01	H	5.8611	0.0018	0.017	218		5.83	5.88	2.73	P 1 A			1							S
34799	10.173	0.025	9.563	0.023		0.568	0.030	T	0.64	0.03	L	9.6320	0.0020	0.020	118		9.60	9.67		C			1							
34800	10.145	0.026	9.493	0.023		0.605	0.029	T	0.67	0.03	L	9.5803	0.0025	0.018	116		9.55	9.61		C			1							

Number HIP	Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag		Position: epoch J1991.25 α (ICRS) deg	δ deg	Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ	Standard Errors α* mas	δ	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ	Astrometric Correlations (%)	Soln F1 %	F2
1 2	3	4	5	6 7	8	9 10	11	12	13	14	15	16	17	18	19 20 21 22 23 24 25 26 27 28	29	30
34801	07 12 14.99	−38 10 28.1	7.95	H	108.062 472 39	−38.174 484 80	13.60	−30.84	−23.37	0.59	0.56	0.72	0.61	0.68	+10 +28 − 8 − 6 −12 − 6 −15 + 3 − 8 +10	0	2.01
34802 H	07 12 15.82	−40 29 55.6	5.30	H	108.065 921 33	−40.498 778 43 A	7.51	−18.85	−12.36	0.42	0.46	0.48	0.41	0.53	+ 5 + 8 + 9 − 8 − 5 +14 − 7 + 6 −13 − 5	2	−0.13
34803	07 12 16.30	−49 11 09.8	8.06	G	108.067 911 29	−49.186 048 29	4.33	3.47	−14.81	0.61	0.60	0.69	0.69	0.73	− 6 +28 − 5 + 5 − 7 − 6 − 8 − 1 + 0 −25	0	−0.96
34804	07 12 17.12	+59 15 54.6	10.67	H	108.071 330 80	+59.265 169 32	27.58	81.15	−302.17	1.68	1.17	2.18	1.92	1.60	−12 +39 −23 +34 + 7 + 2 +22 −29 +31 − 2	2	0.19
34805	07 12 17.33	−67 46 56.1	7.33	H	108.072 192 23	−67.782 252 60	21.62	198.51	−202.94	0.55	0.48	0.54	0.63	0.53	+ 6 +15 +10 −13 −15 −12 −12 − 8 + 8 − 9	3	0.14
34806	07 12 18.55	+36 07 37.7	7.76	H	108.077 284 84	+36.127 134 59	8.01	−27.32	−11.18	1.30	0.73	1.14	3.38	1.26	+15 +56 − 0 −41 − 8 −23 −22 −56 − 1 +59	0	1.33
34807	07 12 19.10	−01 46 39.7	8.78	2 G	108.079 570 72	−01.777 701 86	3.24	−6.93	−2.67	0.99	0.73	1.15	1.15	0.87	+15 +24 −12 −22 −22 + 7 −21 −37 + 2 +13	0	0.52
34808	07 12 19.52	−63 05 08.9	8.69	H	108.081 323 36	−63.085 811 89	2.20	0.73	2.50	0.79	0.75	0.81	1.02	1.03	+ 1 + 1 +16 −16 − 9 + 1 − 7 − 6 + 9 −28	4	1.19
34809	07 12 19.67	+39 36 11.4	9.44	H	108.081 941 58	+39.603 160 93	6.28	−13.32	−37.21	1.48	0.87	1.53	2.53	1.21	+ 5 +31 −26 +25 −25 +27 + 9 −32 +20 +61	0	1.91
34810	07 12 19.91	+14 40 38.6	9.10	H	108.082 974 93	+14.677 378 61	12.69	−58.84	−259.76	1.08	0.68	1.29	1.20	0.89	− 9 +27 − 2 −17 + 8 −33 + 1 −40 − 4 −22	0	−1.91
34811	07 12 22.89	−57 32 46.9	8.81	H	108.095 364 40	−57.546 356 58	2.45	−2.39	10.23	0.67	0.69	0.72	0.78	0.83	− 3 + 1 +18 +22 − 7 − 6 − 9 + 9 − 5 −24	0	0.94
34812	07 12 23.09	+34 09 20.3	9.00	H	108.096 204 88	+34.155 634 69	11.57	−17.81	3.57	1.57	0.93	1.52	2.10	1.27	+20 +30 − 9 −18 −30 +11 −15 −69 +18 +27	2	−0.32
34813	07 12 24.07	−31 58 54.7	7.13	2 H	108.100 300 59	−31.981 873 91	1.47	−1.43	1.47	0.49	0.55	0.71	0.61	0.72	− 1 + 4 −15 − 6 −10 − 1 −11 + 3 + 9 + 2	0	1.69
*34814	07 12 24.18	−27 28 29.1	6.59	H	108.100 762 25	−27.474 736 92	3.97	−11.10	−8.84	0.41	0.47	0.65	0.50	0.54	+12 +10 −14 +28 − 9 + 5 − 6 + 8 + 9 +19	0	0.08
*34815	07 12 24.17	−02 34 27.6	7.77	H	108.100 704 34	−02.574 323 96	2.50	−2.88	1.11	0.84	0.62	0.95	0.88	0.68	−13 +35 − 3 −37 +11 −17 +10 −43 − 3 − 2	0	0.74
34816	07 12 25.21	−49 19 37.4	7.63	H	108.105 055 27	−49.327 045 63	2.85	−5.04	19.00	0.54	0.59	0.64	0.64	0.74	+ 3 +21 − 8 + 0 − 2 − 8 − 1 + 0 + 8 −15	0	−1.18
34817 H	07 12 25.83	−36 32 39.8	5.94	1 G	108.107 625 42	−36.544 399 53 A	3.61	−9.76	7.48	0.52	0.56	0.63	0.54	0.65	+ 4 − 9 −10 −10 − 3 +17 − 2 +10 − 8 + 5	2	0.32
34818	07 12 26.35	−10 09 18.4	8.90	H	108.109 807 33	−10.155 106 75	1.50	−5.17	2.69	0.99	0.80	1.23	1.29	0.97	+ 4 +14 −25 −29 −13 + 6 − 7 −34 +23 − 7	0	−0.04
34819	07 12 26.39	+24 07 43.3	5.85	H	108.109 949 55	+24.128 702 91	9.34	−15.74	−44.94	0.90	0.48	0.82	1.16	0.73	+39 + 4 −14 −38 −43 +15 −40 −60 +21 +50	0	−0.41
34820	07 12 26.50	−18 36 54.0	9.41	H	108.110 419 87	−18.615 002 06	0.28	−4.61	0.53	0.95	0.89	1.56	1.52	1.43	−28 +24 −22 +32 +11 −23 +20 + 6 +10 +12	0	1.11
34821	07 12 27.23	−42 07 12.8	9.22	H	108.113 466 97	−42.120 224 32	1.95	1.44	15.60	0.76	0.89	0.98	0.78	1.22	+ 6 +16 − 1 − 8 − 2 − 4 + 0 + 3 + 5 + 0	1	0.16
34822	07 12 27.28	+40 00 39.1	8.28	H	108.113 655 63	+40.010 868 83	3.68	7.18	−9.77	1.17	0.70	1.32	1.83	0.89	− 1 +26 −35 +15 −31 +32 + 3 −46 +25 +51	0	2.26
34823	07 12 27.58	+12 31 57.6	8.17	H	108.114 901 91	+12.532 656 51	1.55	−4.54	−11.05	0.87	0.53	1.05	0.94	0.72	−13 +40 −18 −18 + 0 −38 − 7 −20 +13 −27	0	−0.37
34824 H	07 12 27.62	−08 12 43.3	8.01	G	108.115 097 84	−08.212 025 39 A	2.35	−7.90	4.04	1.27	0.92	1.36	1.17	0.87	−26 +27 −20 −18 − 4 −21 − 8 −14 + 5 +23	0	0.28
34825	07 12 27.98	+62 15 45.1	7.58	H	108.116 573 33	+62.262 528 92	5.73	−1.17	−31.18	0.66	0.55	0.86	0.80	0.64	+ 6 +21 −14 +34 − 8 + 0 − 5 −27 − 2 +13	0	−0.95
34826	07 12 28.90	−61 22 53.9	7.76	H	108.120 428 67	−61.381 634 03	2.52	−7.06	−24.98	0.63	0.60	0.65	0.64	0.80	+ 0 + 3 + 9 − 8 − 5 +11 − 8 − 4 + 9 − 8	1	−0.19
34827	07 12 28.93	−64 39 47.7	8.71	H	108.120 547 82	−64.663 253 86	2.73	8.28	1.63	0.69	0.69	0.71	0.75	0.93	− 7 + 1 + 6 +17 − 7 − 2 − 8 +12 − 4 −15	0	−1.59
34828	07 12 29.76	+10 11 52.5	7.89	H	108.123 990 04	+10.197 918 90	4.06	−14.77	−7.63	0.77	0.46	0.91	0.92	0.64	−25 +28 −13 − 9 + 2 −14 + 7 −30 +14 −12	0	0.17
34829	07 12 30.00	+43 59 20.0	7.79	H	108.124 982 23	+43.988 898 12	2.39	−0.48	−13.08	0.89	0.64	1.13	1.06	0.77	−21 +35 −30 −15 −28 + 5 −15 −40 +22 + 1	0	0.78
34830	07 12 31.19	+26 33 52.4	7.36	H	108.129 964 53	+26.564 548 37	3.69	−1.69	−26.74	0.91	0.47	0.98	0.96	0.63	− 3 +37 − 5 + 2 − 1 −17 − 1 −34 +11 −11	0	0.28
34831	07 12 31.53	−22 03 55.0	9.71	G	108.131 380 39	−22.065 272 47	0.74	−4.38	5.75	0.83	0.89	1.29	1.08	1.14	−35 +18 −21 + 1 + 4 −25 + 3 −13 +21 −37	2	0.33
34832	07 12 32.55	−14 29 30.6	8.15	2 H	108.135 637 82	−14.491 829 83	0.14	−0.49	1.49	0.56	0.65	0.91	0.62	0.67	−43 +17 −25 + 7 +30 −21 +29 −20 + 8 −28	0	−0.70
34833	07 12 33.44	−42 52 06.2	10.06	G	108.139 322 31	−42.868 399 70	2.85	−11.95	2.60	0.89	0.97	1.10	0.93	1.31	− 8 + 6 − 1 − 6 − 2 + 7 − 4 −16 +13 −19	1	−0.61
34834	07 12 33.74	−46 45 34.4	4.49	1 G	108.140 587 22	−46.759 564 48	47.22	−135.60	106.79	0.46	0.43	0.53	0.61	0.47	− 4 + 6 + 7 +10 −11 + 7 −13 − 5 − 9 −27	1	0.97
34835	07 12 33.96	+72 40 31.1	7.80	H	108.141 482 05	+72.675 295 31	3.07	−4.90	−20.80	0.46	0.67	0.84	0.47	0.77	+16 +12 +13 +25 +11 +12 +12 +28 +18 +18	0	−0.11
34836	07 12 34.23	−36 13 19.2	8.86	3 G													
34837	07 12 34.39	−02 33 35.7	8.19	H	108.143 301 84	−02.559 903 91	1.02	−2.28	1.73	0.96	0.69	1.08	0.92	0.71	−30 +43 −18 −47 +21 −28 +16 −48 − 2 − 9	0	1.57
34838	07 12 34.66	−36 14 02.9	7.75	H	108.144 413 97	−36.234 127 72	3.03	−7.72	18.57	0.49	0.54	0.68	0.57	0.69	+11 − 8 + 0 −11 − 7 +22 − 8 − 8 − 7 +14	0	−0.29
34839 H	07 12 34.81	−09 50 42.1	8.47	G	108.145 051 80	−09.845 031 75 A	−0.34	2.57	4.35	1.97	1.40	1.87	2.46	1.86	+20 − 7 −26 −41 −28 +19 −27 −38 +28 +30	5	1.76
34840	07 12 35.29	−40 20 44.2	8.49	H	108.147 026 03	−40.345 611 40	5.68	8.12	−5.29	0.60	0.61	0.74	0.67	0.77	+ 8 + 3 +11 +13 − 3 + 5 − 5 + 2 − 8 + 5	0	0.88
34841	07 12 35.42	−31 04 52.9	8.86	G	108.147 596 23	−31.081 356 15	8.79	−18.90	60.31	0.68	0.91	1.11	0.82	1.18	+ 2 +17 + 4 +19 − 4 +14 − 3 +16 + 9 + 5	0	1.67
34842	07 12 35.56	−36 13 16.4	8.86	G	108.148 151 59	−36.221 217 91 A	4.00	−5.98	1.57	1.34	1.58	1.76	1.37	1.78	+ 0 − 1 + 0 − 7 − 6 +19 − 8 + 2 −19 + 1	7	1.42
34843	07 12 35.91	−00 33 34.2	7.95	H	108.149 633 74	−00.559 493 84	1.06	−5.91	−2.61	0.88	0.61	0.94	0.94	0.66	−12 +23 − 6 −40 + 6 − 5 + 4 −44 − 4 +22	0	1.03
34844	07 12 37.90	−77 45 43.9	9.70	H	108.157 896 48	−77.762 189 47	−0.03	0.22	9.83	0.82	0.87	0.90	0.85	0.88	+ 2 + 8 + 8 − 9 − 1 + 8 − 3 −22 − 2 − 6	0	0.81
34845	07 12 38.41	+20 58 02.9	8.22	H	108.160 030 52	+20.967 474 58	7.91	−11.53	−18.80	0.90	0.46	0.95	1.02	0.67	+21 +26 − 3 −10 − 7 −32 −14 −36 − 6 +16	0	0.90
34846	07 12 39.82	+28 29 57.8	8.50	H	108.165 897 23	+28.499 389 17	6.45	−16.30	−16.34	1.32	0.57	1.34	1.39	0.82	− 3 +51 − 7 +15 − 5 + 9 +16 −44 +14 +27	4	0.83
34847	07 12 41.62	−52 40 52.0	9.04	H	108.173 413 66	−52.681 113 47	2.03	3.80	1.31	0.77	0.78	0.84	0.77	0.86	−10 +17 + 2 − 3 − 7 − 4 − 6 +14 + 2 −17	0	0.57
34848 H	07 12 42.25	−03 10 40.6	7.70	H	108.176 041 94	−03.177 943 84 A	13.53	−31.46	−61.64	1.28	0.89	1.33	1.34	1.00	− 9 +24 −10 −33 + 3 −12 + 7 −33 +23 −16	3	0.82
34849	07 12 42.85	+02 06 12.0	9.42	H	108.178 561 16	+02.103 344 64	1.84	−3.86	−1.26	1.15	0.74	1.29	1.10	0.85	+ 1 +44 − 3 −33 −10 −24 −15 −26 − 8 − 4	0	0.78
34850	07 12 44.37	−60 58 01.5	8.91	H	108.184 858 69	−60.967 089 75	0.72	20.99	36.59	0.75	0.76	0.80	0.78	1.07	+ 6 − 9 +11 − 2 − 8 +16 −14 − 6 + 1 − 2	1	−0.79
34851	07 12 45.40	−51 12 42.6	7.20	H	108.189 163 50	−51.211 844 56	1.22	−1.70	3.28	0.51	0.47	0.53	0.58	0.55	−10 +11 + 5 +16 − 5 + 0 − 6 +17 −10 −19	0	−0.64
34852	07 12 45.48	−15 30 06.4	7.85	2 H	108.189 494 81	−15.501 790 71	0.77	−2.81	0.75	0.71	0.75	0.96	0.75	0.82	−42 +15 −11 −18 +35 −17 +37 −44 − 4 −28	0	1.10
34853	07 12 45.78	+34 15 00.3	8.27	H	108.190 770 75	+34.250 095 93	1.35	0.48	−11.21	1.23	0.60	1.29	1.60	0.89	−19 +34 −16 +18 −25 +16 + 8 −53 +20 +30	0	1.44
34854	07 12 46.04	−12 04 39.9	8.40	G	108.191 821 35	−12.077 757 39	−0.06	0.17	1.49	1.09	0.92	1.13	1.13	0.96	+40 − 6 −34 −57 −40 + 7 −40 −58 +15 + 44	0	−0.82
*34855	07 12 46.34	−57 29 26.5	6.64	H	108.193 075 81	−57.490 694 61	4.40	−1.23	−12.78	0.49	0.48	0.51	0.54	0.59	− 7 + 1 + 8 +25 −10 + 0 −13 +11 − 8 −21	4	0.96
*34856	07 12 46.32	+21 21 09.3	7.30	H	108.193 010 77	+21.352 577 43	2.37	−33.15	−29.39	0.88	0.45	0.98	0.96	0.58	+ 9 +34 −16 −17 − 2 −36 − 7 −41 − 1 +18	5	1.35
34857	07 12 48.07	+66 36 59.3	7.66	1 H	108.200 283 90	+66.616 460 25	1.69	1.81	−6.15	0.51	0.57	0.89	0.53	0.64	+ 9 +13 + 0 −44 − 8 + 1 − 7 −51 + 3 +15	0	0.91
34858 H	07 12 48.16	+15 10 41.9	7.46	G	108.200 678 17	+15.178 313 47 A	4.65	−2.52	−11.58	1.25	0.81	1.29	1.30	0.84	−19 +20 −15 − 9 + 3 −18 + 8 −34 + 9 + 1	1	−0.21
34859	07 12 48.97	+14 36 03.7	10.05	3 H	108.204 046 29	+14.601 041 64	1.05	2.61	−4.89	1.73	1.04	1.99	2.06	1.48	−20 +21 −11 −24 +16 −30 +14 −51 +12 −26	0	0.18
34860 H	07 12 49.08	+27 13 30.2	6.46	H	108.204 491 97	+27.225 060 34 A	22.65	13.25	−97.78	4.21	1.54	2.03	2.77	1.48	−18 + 3 − 4 −53 + 2 − 4 − 7 −64 + 2 − 5	3	−0.20
*34861	07 12 49.38	+25 44 55.3	7.05	H	108.205 745 20	+25.748 705 85	3.87	−5.14	−2.44	1.05	0.54	1.09	1.32	0.85	+ 9 +11 − 1 −29 − 5 +14 − 6 −60 +16 + 5	2	−0.67
*34862 H	07 12 49.38	−07 08 57.8	7.54	G	108.205 734 12	−07.149 379 57 A	2.03	−1.94	0.45	1.56	1.10	1.54	1.59	1.05	− 8 +12 −28 −28 − 4 +13 +12 −31 +29 + 1	1	−0.05
34863	07 12 49.57	−45 02 12.9	8.17	H	108.206 533 78	−45.036 920 25	2.26	−7.45	23.76	0.59	0.63	0.71	0.62	0.73	− 4 + 6 + 2 − 3 −10 + 9 −10 + 7 − 9 −19	1	0.48
34864	07 12 50.19	−11 36 01.1	7.73	H	108.209 143 03	−11.600 306 76	0.65	−3.02	−1.12	0.83	0.67	0.95	0.93	0.73	+11 +22 −17 −39 − 7 − 3 − 7 −46 − 3 +29	0	1.01
34865	07 12 50.48	+15 20 29.4	8.71	H	108.210 352 76	+15.341 487 21	11.98	−19.48	−80.41	1.18	0.67	1.39	1.38	0.84	− 8 +32 −17 − 7 + 6 −31 + 6 −37 + 8 + 1	0	2.39
34866	07 12 50.97	+55 48 12.4	8.23	H	108.212 377 61	+55.803 457 04 A	6.22	−15.09	−17.23	56.35	71.55	3.32	3.27	2.93	−39 +36 −37 +21 +21 − 8 +20 −19 + 8 −37	6	1.47
34867	07 12 52.48	−53 53 39.9	7.84	H	108.218 666 41	−53.894 405 61	11.84	46.43	−14.80	0.68	0.56	0.64	0.68	0.71	+ 3 +30 + 6 −41 − 1 − 7 + 5 − 9 − 3 −17	0	−0.91
34868	07 12 52.96	−43 53 06.7	7.27	G	108.220 666 36	−43.885 186 36	5.09	−7.24	−2.46	0.50	0.57	0.60	0.52	0.76	+ 6 − 7 −12 + 3 −13 + 3 −16 +15 + 6 + 1	0	−1.26
34869	07 12 53.33	+55 47 55.4	8.59	H	108.222 228 37	+55.798 734 52 B	3.99	4.43	−14.76	4.01	3.10	3.57	3.59	3.24	−33 +33 −19 +24 +13 − 9 +10 −22 +20 −46	6	1.47
34870	07 12 54.01	+00 42 24.2	8.46	H	108.225 060 76	+00.706 713 64	2.80	−3.00	−0.98	0.93	0.65	1.09	1.10	0.71	+ 4 +14 −35 −32 −16 + 1 −11 −44 +27 +22	0	0.53
34871	07 12 55.49	−28 13 19.7	9.44	H	108.231 221 69	−28.222 151 15	1.16	−5.92	4.28	0.72	0.89	1.18	0.88	1.17	+14 + 3 −11 +16 − 3 + 2 − 2 + 7 + 4 +21	0	−0.07
34872	07 12 55.91	−12 22 45.0	8.11	H	108.232 967 40	−12.379 178 08	1.68	−5.52	3.74	0.84	0.71	1.01	0.87	0.76	+17 +11 −13 −30 −15 −15 −17 −41 + 5 +15	0	−0.79
34873	07 12 56.08	+03 44 38.7	7.67	H	108.233 646 35	+03.744 087 13	3.86	−14.59	−24.27	0.81	0.53	0.96	0.92	0.74	+ 1 +29 −13 −29 −11 −27 −14 −28 +17 −19	0	0.09
34874	07 12 56.74	+02 55 06.2	8.20	G	108.236 437 24	+02.918 394 51	8.12	−11.39	3.48	0.86	0.56	1.03	0.91	0.68	− 4 +38 −23 −24 −11 −15 − 6 −32 +20 + 3	0	−0.34
34875	07 12 57.03	−43 39 31.6	8.69	H	108.237 638 47	−43.658 778 31	2.48	−8.30	−1.98	0.67	0.76	0.83	0.68	0.98	+ 1 − 1 − 4 − 3 −18 + 0 −22 − 5 +12 − 4	0	0.52
34876	07 12 57.34	−07 55 14.3	8.92	G	108.238 910 31	−07.920 651 81	0.01	−0.85	−0.38	1.21	0.76	1.45	1.11	0.82	− 2 +51 −15 −13 − 3 − 3 + 9 −27 +21 +16	0	−1.05
34877	07 12 57.88	−61 36 47.1	8.91	H	108.241 157 10	−61.613 073 44	15.06	48.32	−41.90	0.76	0.73	0.79	0.84	0.95	+ 5 + 3 +15 − 3 − 6 + 0 − 7 − 4 + 7 − 5	1	1.33
34878	07 12 58.11	−12 36 21.0	9.04	G	108.242 117 06	−12.605 829 52	0.55	−4.44	1.21	0.99	0.83	1.25	1.04	0.91	+17 +18 −10 −30 −15 −24 −20 −33 + 0 + 4	0	0.75
34879	07 13 02.73	−24 13 33.0	7.17	H	108.261 386 25	−24.225 824 78	27.06	−92.87	102.78	0.44	0.54	0.79	0.57	0.71	+ 8 + 6 − 2 −22 +14 − 6 +14 −19 − 3 + 2	0	−1.36
34880	07 13 02.90	−45 55 49.7	9.55	H	108.262 075 72	−45.930 479 64	5.99	11.30	−21.11	0.87	0.87	1.01	1.03	0.98	− 9 +15 +13 + 8 −10 − 1 −11 − 1 −10 −20	1	0.32
34881	07 13 04.20	+31 57 55.8	6.90	G	108.267 520 66	+31.965 499 21	6.54	−15.67	−8.95	1.04	0.41	1.02	1.08	0.60	+ 2 +57 −10 +23 −13 + 5 + 5 −33 +12 +31	0	0.16
34882	07 13 05.17	−16 39 01.6	8.72	G	108.271 542 82	−16.650 434 70	1.24	−2.99	1.33	0.80	0.76	1.08	1.13	1.08	− 8 + 2 −20 +15 +21 −20 +18 −16 −20 + 0	0	−0.18
34883	07 13 05.63	+31 09 09.4	9.79	H	108.273 461 87	+31.152 617 14	4.33	−4.74	−18.90	1.55	0.71	1.58	1.91	1.13	− 3 +42 −19 +10 −14 +16 +15 −44 +29 +37	0	0.89
34884	07 13 05.91	−13 07 34.1	9.01	H	108.274 616 55	−13.126 139 07	1.76	3.59	−15.98	0.95	0.84	1.30	1.09	0.92	+ 5 +21 −24 −21 + 1 −29 − 8 −20 −13 +18	0	−2.18
34885	07 13 06.60	+27 46 57.3	8.07	G	108.277 518 95	+27.782 592 57	8.08	−11.16	−7.92	1.21	0.56	1.36	1.27	0.76	−12 +56 −16 +18 −10 − 8 +15 −45 +30 + 4	2	−0.84
34886	07 13 07.08	+56 50 39.0	8.42	H	108.279 500 48	+56.844 163 14	3.08	−4.89	−7.25	1.00	0.68	1.29	0.99	0.80	−36 +40 −37 +48 +10 − 8 +17 −15 +29 −31	0	0.31
34887	07 13 07.17	−17 14 44.1	9.63	H	108.279 893 56	−17.245 586 90	2.93	−3.44	0.70	1.04	1.23	1.57	1.56	1.91	−19 + 8 −10 +17 + 2 −13 + 3 +21 +20 −30	0	−1.38
34888	07 13 07.20	−11 15 04.9	5.77	G	108.279 980 92	−11.251 360 60	4.93	−2.75	8.04	0.71	0.53	0.81	0.77	0.59	+18 +27 −19 −32 −11 − 5 −10 −36 + 3 +42	0	0.24
34889	07 13 07.42	−39 30 50.7	9.07	H	108.280 913 01	−39.514 093 44	2.01	−9.47	19.76	0.75	0.73	0.89	0.80	0.87	+ 4 − 1 + 1 +29 + 3 + 3 + 3 +14 −15 − 1	1	0.63
34890	07 13 07.44	−63 20 46.9	9.08	G	108.280 982 06	−63.346 348 00	50.02	−266.19	577.16	0.93	0.90	0.95	1.18	1.13	−21 + 4 +14 −24 + 6 +16 + 8 − 2 −26	0	1.52
34891	07 13 07.78	+37 37 17.0	9.79	H	108.282 401 13	+37.621 396 91	5.32	−3.23	28.22	1.61	0.79	1.62	2.01	1.15	−10 +36 + 9 +25 − 8 − 6 − 2 −34 + 0 − 3	0	−0.08
34892	07 13 07.91	+61 49 16.6	9.71	H	108.282 956 65	+61.821 278 07	10.09	33.98	14.97	1.09	0.91	1.47	1.50	1.12	− 6 +16 −24 +26 −12 + 5 − 4 −29 +18 + 5	0	−1.05
34893	07 13 09.48	+54 29 37.2	7.05	H	108.289 501 72	+54.493 675 97	6.00	17.18	7.38	0.71	0.53	0.82	0.95	0.58	+ 0 +26 −14 + 9 −20 − 2 −12 −33 − 2 +17	0	−0.49
34894	07 13 09.87	−20 34 52.8	8.48	G	108.291 135 94	−20.581 320 22	−0.06	−5.27	4.78	0.66	0.72	1.03	0.74	0.83	−12 +22 − 5 −11 + 7 − 5 + 5 −21 − 8 − 7	1	−0.42
34895	07 13 11.68	−18 43 50.7	11.15	3 H	108.298 649 25	−18.730 755 99	3.12	−0.11	3.26	1.33	1.37	2.16	1.92	2.08	−30 +15 −19 +21 + 4 −23 + 1 +23 + 3 + 0	0	−0.07
34896	07 13 11.97	−34 49 00.4	8.59	2 H	108.299 882 44	−34.816 787 82	1.51	1.83	−7.46	0.57	0.76	0.89	0.70	0.94	+ 4 − 7 − 8 − 7 + 7 −23 + 6 −11 − 9 − 4	0	−0.09
34897	07 13 12.92	+47 36 25.3	6.75	H	108.303 825 05	+47.607 030 83	15.07	−11.42	−81.39	0.70	0.48	0.77	0.87	0.51	− 4 +32 −14 + 3 −13 − 4 − 9 −27 − 6 +13	0	0.14
34898 H	07 13 13.07	−30 57 59.1	7.72	G	108.304 460 15	−30.966 423 22 A	1.25	−3.69	3.65	0.66	0.80	0.92	0.71	0.89	+ 6 +12 + 6 +18 + 1 − 6 + 3 +10 +11 + 6	4	−0.73
34899	07 13 13.37	−45 10 57.1	4.87	1 H	108.305 712 89	−45.182 524 74	17.97	−24.84	−88.24	0.44	0.44	0.51	0.47	0.48	+ 2 +11 +11 +10 −10 + 7 −11 +10 − 4 −11	1	0.85
34900	07 13 14.48	+18 55 17.0	7.96	G	108.310 313 76	+18.921 376 01	2.09	8.34	−11.76	0.81	0.45	0.87	0.88	0.61	+ 6 +34 + 5 −22 + 3 −23 − 1 −49 −12 + 1	0	−0.40

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
34801	8.690	0.011	8.028	0.009		0.604	0.011	T	0.67	0.01	L	8.0834	0.0012	0.010	121		8.06	8.10		C			1							S
34802	5.390	0.002	5.310	0.003	*	0.072	0.004	T	0.08	0.00	L *	5.3261	0.0004	0.005	128	*	5.32	5.33		D	07123−4030	H 1	2 C B	AB	258	0.810	0.019	4.19	0.09	S
34803	8.500	0.010	8.074	0.010		0.404	0.015	G	0.47	0.02	H	8.1525	0.0013	0.012	121		8.13	8.18		C			1							S
34804	11.818	0.108	10.749	0.067		1.591	0.082	G	1.51	0.18	S	10.7952	0.0042	0.038	98		10.73	10.87		R			1 G							G
34805	8.243	0.007	7.417	0.008		0.737	0.004	G	0.78	0.00	H	7.4772	0.0009	0.008	112		7.46	7.49					1							S
34806	7.954	0.008	7.793	0.011		0.155	0.013	T	0.17	0.01	L	7.8147	0.0009	0.009	96		7.80	7.83		C			1 G							S
34807	8.662	0.012	8.733	0.016		−0.060	0.018	T	−0.04	0.02	L	8.7467	0.0037	0.029	79		8.70	8.79		U 2			1							
34808	9.919	0.020	8.786	0.013		0.975	0.019	T	0.96	0.01	L	8.8538	0.0024	0.017	113		8.82	8.88					1							
34809	9.988	0.029	9.571	0.031		0.394	0.039	T	0.46	0.04	L	9.5315	0.0029	0.022	83		9.49	9.59		D	07123+3936	I 1	1 S							
34810	9.825	0.028	9.178	0.025		0.600	0.032	T	0.67	0.03	L	9.2270	0.0018	0.016	90		9.21	9.25		C			1							
34811	8.763	0.012	8.787	0.015		−0.017	0.018	T	0.01	0.02	L	8.8156	0.0017	0.017	100		8.79	8.86		C			1 S							
34812	9.689	0.021	9.068	0.019		0.578	0.025	T	0.65	0.02	L	9.1255	0.0015	0.017	105		9.10	9.16		D			1 G							
34813	9.364	0.019	7.328	0.008		1.724	0.017	T	2.10	0.05	O	7.2027	0.0021	0.023	128		7.17	7.25		U 2	07124−3159	I 1	1							S
34814	6.819	0.004	6.620	0.004		0.190	0.005	T	0.21	0.01	L	6.6531	0.0010	0.010	178		6.63	6.67					1							S P
34815	9.193	0.019	7.866	0.012		1.126	0.018	T	1.09	0.02	L	7.9345	0.0013	0.012	81		7.91	7.96		C			1							
34816	9.327	0.014	7.768	0.008		1.308	0.013	T	1.27	0.01	L	7.7829	0.0011	0.011	114		7.77	7.80		C			1							
34817	5.831	0.006	6.001	0.008	A	−0.145	0.005	G	−0.14	0.01	H *	5.8963	0.0009	0.008	133	*	5.88	5.91	0.70	P 1 A	07124−3633	I 1	2 C A	AB	68	2.613	0.006	2.38	0.03	S
34818	8.812	0.013	8.883	0.018		−0.066	0.002	G	−0.04	0.00	H	8.8830	0.0028	0.020	84		8.85	8.91		C			1							
34819	6.315	0.003	5.895	0.003		0.397	0.004	T	0.46	0.00	L	5.9435	0.0008	0.006	127		5.93	5.95					1							S
34820	9.473	0.016	9.398	0.020		0.074	0.024	T	0.09	0.03	L	9.4411	0.0021	0.022	135		9.40	9.48					1							G
34821	10.496	0.033	9.307	0.020		1.018	0.030	T	0.99	0.02	L	9.3833	0.0027	0.020	116		9.35	9.42					1							
34822	10.149	0.030	8.441	0.014		1.426	0.026	T	1.41	0.04	L	8.4215	0.0019	0.015	91		8.39	8.45					1							
34823	8.123	0.011	8.151	0.013		−0.021	0.016	T	0.00	0.02	L	8.1755	0.0011	0.012	89		8.16	8.19					1							
34824	7.934	0.008	8.004	0.010	A	−0.043	0.015	G	−0.02	0.01	H *	8.0007	0.0015	0.011	74	*	7.98	8.02		D	07125−0813	I 1	2 C A	AB	357	1.417	0.032	3.57	0.21	
34825	7.579	0.006	7.592	0.008		−0.007	0.009	T	0.01	0.01	L	7.5841	0.0012	0.011	100		7.57	7.60		C			1							S
34826	9.523	0.018	7.902	0.009		1.357	0.016	T	1.32	0.02	L	7.9100	0.0011	0.012	99		7.89	7.93					1							
34827	9.968	0.023	8.796	0.014		1.005	0.021	T	0.98	0.02	L	8.8771	0.0023	0.015	103		8.85	8.91					1							
34828	9.021	0.012	7.979	0.009		0.906	0.011	T	0.91	0.01	L	8.0452	0.0012	0.009	115		8.03	8.07					1							
34829	9.781	0.020	7.960	0.009		1.515	0.017	T	1.55	0.03	L	7.9172	0.0010	0.013	114		7.89	7.94					1							
34830	8.500	0.010	7.455	0.008		0.908	0.010	T	0.91	0.01	L	7.5151	0.0013	0.009	123		7.50	7.53					1							S
34831	9.593	0.019	9.724	0.030		−0.070	0.020	G	−0.05	0.02	H	9.6909	0.0019	0.020	126		9.66	9.73		C			1							G
34832	8.781	0.011	8.239	0.010		0.508	0.013	T	0.58	0.01	L	8.2659	0.0034	0.026	138		8.24	8.32		U 2			1							
34833	10.687	0.039	10.135	0.037		0.510	0.020	G	0.58	0.02	H	10.1886	0.0030	0.025	107		10.15	10.23					1							G
34834	4.878	0.003	4.533	0.002		0.324	0.012	G	0.40	0.02	A	4.5642	0.0013	0.010	93		4.55	4.58		M			1							S
34835	7.912	0.006	7.821	0.007		0.089	0.009	T	0.10	0.01	L	7.8408	0.0014	0.016	185		7.82	7.87					1							S
34836						0.240	0.020	G	0.27	0.03	H	9.0877	0.0414	0.351	126		8.70	9.75		U 2			S							G
34837	8.130	0.011	8.191	0.014		0.002	0.015	G	0.02	0.01	H	8.1963	0.0010	0.009	79		8.18	8.21		C			1							
34838	7.797	0.006	7.711	0.010		0.050	0.015	G	0.06	0.01	H	7.7689	0.0011	0.009	122		7.75	7.78					1							S
34839	8.634	0.013	8.598	0.016	A	0.093	0.007	G	0.11	0.01	H *	8.5365	0.0015	0.021	78	*	8.49	8.56		D	07126−0951	I 1	2 C A	AB	191	2.298	0.018	2.80	0.15	
34840	8.892	0.017	8.495	0.017		0.388	0.020	T	0.45	0.02	L	8.5839	0.0015	0.013	120		8.56	8.61					1							
34841	9.529	0.017	9.000	0.017		0.560	0.015	G	0.63	0.01	H	9.0047	0.0027	0.025	141		8.97	9.05			07126−3105	I 1	1 S							
34842	9.065	0.016	8.815	0.017	A	0.240	0.015	G	0.27	0.02	H	8.8795	0.0158	0.067	127	A	8.81	9.01		D	07126−3613	M 1	2 C A	AB	262	16.504	0.008	1.19	0.05	
34843	7.872	0.010	7.948	0.013		−0.055	0.015	G	−0.03	0.01	H	7.9375	0.0014	0.010	86		7.92	7.96		C			1							S
34844	9.681	0.018	9.696	0.025		−0.009	0.028	T	0.01	0.03	L	9.7039	0.0022	0.024	115		9.66	9.75		C			1							
34845	8.685	0.010	8.247	0.010		0.413	0.013	T	0.48	0.01	L	8.3099	0.0012	0.011	126		8.29	8.33		C			1							
34846	9.764	0.022	8.596	0.014		1.002	0.020	T	0.98	0.02	L	8.6656	0.0015	0.013	123		8.65	8.68		C			1							
34847	10.644	0.035	9.175	0.017		1.238	0.031	T	1.20	0.03	L	9.2041	0.0023	0.016	107		9.17	9.23		C			1							
34848	8.198	0.015	7.686	0.014	*	0.481	0.019	T	0.55	0.02	L *	7.8083	0.0011	0.011	81	*	7.79	7.84		D	07127−0311	I 1	2 C A	AB	235	5.651	0.004	1.38	0.02	S
34849	9.377	0.019	9.427	0.026		−0.041	0.029	T	−0.02	0.03	L	9.4145	0.0019	0.017	91		9.39	9.45		C			1							G
34850	10.182	0.024	9.026	0.015		0.993	0.022	T	0.97	0.02	L	9.0759	0.0015	0.015	106		9.05	9.11		C			1							
34851	7.034	0.005	7.175	0.007		−0.121	0.007	T	−0.11	0.01	L	7.1663	0.0008	0.010	120		7.15	7.18					1							S
34852	7.770	0.011	7.823	0.013		−0.045	0.015	T	−0.02	0.01	L	7.8474	0.0016	0.055	76		7.66	7.87		U 2 C			1							
34853	10.290	0.033	8.423	0.013		1.552	0.028	T	1.57	0.03	L	8.3903	0.0019	0.016	114		8.36	8.42					1							
34854	8.355	0.011	8.398	0.014		−0.030	0.015	G	−0.01	0.01	H	8.4112	0.0015	0.010	74		8.39	8.43		C			1							
34855	6.680	0.004	6.647	0.005		0.023	0.002	G	0.04	0.00	H	6.6553	0.0013	0.009	107		6.64	6.68			07128−5729	I 1	1							S
34856	8.757	0.011	7.411	0.007		1.141	0.010	T	1.10	0.01	L	7.4676	0.0010	0.010	137		7.45	7.49			07128+2121	I 1	1							S
34857	9.776	0.014	7.860	0.006		1.591	0.012	T	1.61	0.01	L	7.7708	0.0016	0.017	204		7.75	7.80		U			1							S
34858	7.434	0.008	7.389	0.009	*	0.004	0.015	G	0.02	0.01	H *	7.4654	0.0011	0.007	92	*	7.45	7.48		D	07128+1511	I 1	2 C A	AB	160	2.168	0.003	1.21	0.02	S
34859	12.164	0.218	9.730	0.037		3.000	0.510	G	3.01	0.52	J	9.9518	0.1171	0.908	85		8.72	10.71	381.00	P 1 B			1							G P
34860	7.127	0.011	6.590	0.012	*	0.502	0.010	G	0.57	0.01	R *	6.5673	0.0008	0.007	111	*	6.56	6.58		D	07128+2713	I 1	2 C A	AB	317	1.231	0.009	0.09	0.01	S
34861	7.022	0.005	7.051	0.006		−0.012	0.005	G	0.01	0.01	H	7.0559	0.0008	0.007	109		7.04	7.07		C			1							S
34862	8.001	0.014	7.530	0.012	*	0.455	0.015	G	0.52	0.02	H *	7.6459	0.0020	0.014	84	*	7.62	7.67		D	07128−0709	I 1	2 C A	AB	147	2.180	0.007	1.48	0.03	S
34863	10.349	0.065	8.369	0.024		1.641	0.055	T	1.66	0.06	L	8.2829	0.0019	0.017	117		8.25	8.31					1							
34864	8.968	0.014	7.847	0.010		0.965	0.013	T	0.95	0.01	L	7.8969	0.0013	0.011	81		7.88	7.92		C			1							
34865	9.462	0.020	8.780	0.018		0.604	0.015	G	0.67	0.01	H	8.8405	0.0017	0.015	88		8.82	8.86		C			1							
34866	9.582	0.018	8.309	0.011	A	1.084	0.016	T	1.05	0.01	L	8.3983	0.1020	0.033	118	A	8.24	8.44		D	07128+5548	I 2	1 C P B							S G
34867	8.537	0.010	7.909	0.009		0.582	0.004	G	0.65	0.00	H	7.9680	0.0007	0.009	108		7.95	7.99		D			1							S
34868	7.321	0.006	7.262	0.007		0.038	0.002	G	0.05	0.00	H	7.2871	0.0008	0.009	122		7.27	7.31					1							S
34869	9.927	0.030	8.625	0.018	B	1.107	0.027	T	1.07	0.03	L	8.7442	0.1240			B				D	07128+5548	I 2	1 C I B							S
34870	8.362	0.012	8.468	0.015		−0.092	0.017	T	−0.07	0.02	L	8.4387	0.0017	0.014	86		8.42	8.47					1							
34871	9.371	0.013	9.451	0.018		−0.068	0.020	T	−0.05	0.02	L	9.4289	0.0022	0.025	174		9.38	9.48		C			1							G
34872	7.950	0.010	8.078	0.013		−0.122	0.003	G	−0.11	0.00	H	8.0689	0.0021	0.014	80		8.05	8.09		C			1							
34873	9.031	0.016	7.785	0.010		1.063	0.015	T	1.03	0.01	L	7.8400	0.0008	0.008	82		7.83	7.85		D			1							S
34874	8.618	0.013	8.213	0.013		0.387	0.001	G	0.45	0.00	H	8.2797	0.0011	0.011	89		8.25	8.30					1							
34875	9.932	0.022	8.785	0.014		0.986	0.020	T	0.97	0.02	L	8.8568	0.0013	0.014	108		8.83	8.88		D			1							
34876	8.837	0.012	8.842	0.016		−0.033	0.005	G	−0.01	0.01	H	8.9085	0.0023	0.016	74		8.88	8.93		C			1							
34877	9.841	0.026	8.981	0.020		0.754	0.025	T	0.80	0.02	L	9.0507	0.0019	0.011	91		9.02	9.08		C			1							
34878	9.029	0.017	8.989	0.022		0.040	0.060	G	0.06	0.05	H	9.0391	0.0017	0.018	85		9.01	9.07		C			1							
34879	7.980	0.006	7.244	0.005		0.660	0.006	T	0.72	0.01	L	7.3070	0.0009	0.010	193		7.29	7.33		C			1							S
34880	10.298	0.028	9.606	0.024		0.639	0.030	T	0.70	0.03	L	9.6874	0.0032	0.029	120		9.65	9.75					1							
34881	6.950	0.004	6.908	0.005		0.051	0.004	G	0.06	0.00	H	6.9192	0.0007	0.007	124		6.91	6.93		C			1							S
34882	8.719	0.013	8.743	0.017		−0.010	0.015	G	0.01	0.01	H	8.7250	0.0022	0.018	79		8.70	8.77					1							
34883	10.309	0.031	9.861	0.034		0.423	0.042	T	0.49	0.04	L	9.8890	0.0024	0.019	113		9.85	9.92		C			1							G
34884	11.214	0.080	9.141	0.024		1.716	0.067	T	1.74	0.07	L	9.1083	0.0026	0.023	85		9.07	9.13					1							
34885	8.554	0.009	8.125	0.009		0.428	0.015	G	0.50	0.02	H	8.1672	0.0012	0.010	110		8.15	8.19					1 G							S
34886	8.604	0.010	8.451	0.012		0.147	0.015	T	0.16	0.01	L	8.4705	0.0018	0.017	106		8.45	8.50		C			1							S
34887	9.761	0.025	9.653	0.031		0.098	0.036	T	0.11	0.04	L	9.6665	0.0029	0.025	94		9.63	9.72					1							G
34888	7.729	0.010	5.938	0.004		1.508	0.006	G	1.42	0.04	E	5.9022	0.0010	0.007	75		5.89	5.92					1							S
34889	10.505	0.032	9.176	0.018		1.128	0.029	T	1.09	0.03	L	9.2362	0.0025	0.021	134		9.19	9.26					1							
34890	10.789	0.040	9.286	0.019		1.255	0.010	G	1.43	0.02	A	9.1974	0.0016	0.017	112		9.17	9.23		D			1 G							
34891	10.290	0.038	9.826	0.040		0.437	0.050	T	0.51	0.05	L	9.8875	0.0022	0.021	82		9.85	9.91		C			1							G
34892	10.470	0.035	9.812	0.032		0.601	0.035	T	0.67	0.03	L	9.8371	0.0025	0.027	99		9.78	9.89			07131+6149	I 1	1							
34893	7.181	0.008	7.058	0.007		0.119	0.010	T	0.13	0.01	L	7.0955	0.0009	0.008	74		7.08	7.11					1							S
34894	8.298	0.007	8.476	0.010		−0.145	0.007	G	−0.14	0.01	H	8.4398	0.0025	0.022	146		8.41	8.48					1							
34895											T	11.2781	0.0294	0.248	129		10.94	11.58	5.73	P 1 A			1 S							G P
34896	10.762	0.047	8.791	0.015		1.670	0.041	T	2.05	0.09	O	8.6687	0.0029	0.024	109		8.63	8.71		U 2			1							
34897	7.095	0.004	6.783	0.006		0.296	0.007	T	0.34	0.01	L	6.8276	0.0009	0.009	99		6.81	6.85					1							S
34898	7.609	0.007	7.683	0.010	*	−0.080	0.015	G	−0.06	0.02	H *	7.7282	0.0012	0.012	153	*	7.71	7.75		D	07132−3058	I 1	2 C A	AB	97	6.659	0.006	2.43	0.03	S
34899	4.873	0.002	4.881	0.002		−0.003	0.003	T	0.02	0.00	L	4.8819	0.0006	0.007	117		4.87	4.89	0.92	P 1 A			1							S
34900	7.931	0.008	7.956	0.010		−0.018	0.002	G	0.00	0.00	H	7.9548	0.0010	0.009	117		7.94	7.97		C			1							S

Number HIP		Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag			Position: epoch J1991.25 α (ICRS) deg	δ deg		Par. π mas	Proper Motion μα* mas/yr	μδ	Standard Errors α* mas	δ	π mas	μα* mas/yr	μδ	Astrometric Correlations (%) δ/α*	π/α*	π/δ	μα*/α*	μα*/δ	μα*/π	μδ/α*	μδ/δ	μδ/π	μδ/μα*	Soln F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
34901		07 13 15.87	−64 52 24.7	7.35		G	108.316 145 47	−64.873 522 22		3.40	−6.63	12.57	0.50	0.51	0.52	0.53	0.67	−7	+5	+0	+17	−9	+4	−11	+18	−11	−15	0	−0.03
34902		07 13 17.47	+17 26 03.7	10.27		H	108.322 774 36	+17.434 360 14		11.23	−54.95	−217.46	1.65	0.95	1.78	1.71	1.18	+7	+28	+20	−5	+21	+14	+10	−50	−6	−21	2	0.59
34903		07 13 17.65	+08 33 23.9	9.04		H	108.323 529 62	+08.556 632 03		3.82	−3.21	−1.82	0.94	0.54	1.09	1.11	0.69	+4	+38	−13	−35	−18	−27	−17	−38	+10	+15	0	0.55
34904		07 13 18.39	−00 15 34.3	6.68		H	108.326 629 42	−00.259 518 29		0.35	−1.29	−0.31	0.77	0.49	0.86	0.77	0.53	−3	+31	−22	−39	−5	−16	−5	−43	+16	−13	2	1.94
34905		07 13 19.09	−83 55 25.7	7.98		H	108.329 534 71	−83.923 793 44		2.86	−1.85	10.97	0.56	0.59	0.64	0.65	0.67	−10	+16	+18	+8	−1	+14	−8	−15	−17	−29	1	1.73
34906		07 13 20.76	−08 51 45.1	7.59		H	108.336 501 46	−08.862 524 15		3.58	−10.85	10.94	0.84	0.60	1.03	0.84	0.61	+14	+28	−12	−28	−11	−1	−6	−34	+18	+28	0	−0.85
34907		07 13 20.81	+65 15 02.2	9.89		H	108.336 721 52	+65.250 614 16		7.20	−15.19	−38.60	1.18	0.89	1.48	1.58	1.14	+6	+4	−6	+33	+20	−5	+13	−26	−6	−5	0	0.29
34908		07 13 21.03	−06 26 04.5	8.47	1	H	108.337 615 23	−06.434 593 54		3.86	−20.32	1.61	0.92	0.70	1.05	1.06	0.77	−20	+8	−10	−44	+17	+6	+18	−48	+9	+9	0	1.12
34909	H	07 13 22.27	+16 09 32.6	5.07	2	G	108.342 779 23	+16.159 067 75	*	4.66	14.66	−41.80	0.89	0.50	0.90	0.87	0.57	+16	+35	+11	−27	+0	−11	−6	−50	−10	−1	0	1.29
34910		07 13 22.50	+65 25 55.9	9.89		H	108.343 733 56	+65.432 189 68		8.06	−107.89	−176.62	1.09	1.02	1.68	1.53	1.35	+6	+5	−24	−1	+26	−25	+17	−40	+23	−15	0	1.68
34911		07 13 22.71	−21 42 37.7	8.35		H	108.344 618 35	−21.710 469 61		2.49	−4.35	9.51	0.69	0.80	1.08	0.85	0.94	−32	+18	−22	−2	−3	−13	−2	−8	+17	−36	0	−0.27
34912		07 13 23.39	+51 25 43.4	5.46	2	H	108.347 472 43	+51.428 712 49		4.22	8.19	13.44	0.65	0.56	0.76	0.86	0.58	−18	+10	+17	−41	+6	+15	+5	−63	−34	−13	2	−0.29
34913		07 13 23.77	+13 45 46.8	6.60		H	108.349 043 50	+13.762 992 53		3.87	−25.25	−10.17	0.85	0.49	0.92	0.85	0.59	+9	+43	+9	−30	−4	−26	−7	−50	−5	−3	2	0.88
34914		07 13 24.01	−22 40 26.9	5.99		H	108.350 039 94	−22.674 145 89		4.18	24.69	−39.10	0.39	0.42	0.63	0.51	0.51	+0	+6	−19	+1	+0	−10	−1	−13	+18	−6	1	0.85
34915		07 13 27.06	−74 09 25.4	8.91		H	108.362 769 93	−74.157 066 07		6.47	24.56	−69.21	0.73	0.68	0.73	0.85	0.74	+10	+17	+0	−8	−14	+5	−14	−26	+11	−7	1	0.31
34916		07 13 27.44	+35 41 20.1	8.74		G	108.364 334 24	+35.688 909 39		9.50	−20.71	−39.44	1.15	0.58	1.19	1.35	0.93	+9	+38	+2	−1	−14	+8	−9	−46	+8	+18	0	−0.63
34917		07 13 27.72	−29 10 56.6	7.46		H	108.365 486 27	−29.182 375 19		3.54	−17.09	10.23	0.48	0.64	0.81	0.57	0.82	+12	−4	−19	+30	−2	+11	−1	+23	+13	+20	1	−1.10
34918		07 13 28.57	+15 13 13.4	8.85		H	108.369 023 99	+15.220 397 36		1.28	1.36	−7.78	1.07	0.67	1.28	1.28	0.86	−10	+20	−13	−15	+6	−36	+0	−40	+3	−14	0	1.50
34919	H	07 13 29.32	−38 29 28.2	7.46		H	108.372 168 62	−38.491 172 19	A	3.91	4.66	12.71	0.72	0.74	0.82	0.70	0.86	+3	+32	−8	−18	−2	−15	−6	−1	−18	+5	0	1.06
34920	H	07 13 30.95	+32 08 43.7	7.37		H	108.378 945 20	+32.145 460 94	A	5.49	−23.42	−17.92	1.37	0.59	1.20	1.50	0.77	−9	+42	+3	+18	−16	+3	−3	−36	+4	+11	1	−0.54
34921		07 13 31.91	−48 16 04.5	8.89		H	108.382 964 01	−48.267 909 13		1.57	−0.49	16.81	0.80	0.81	0.91	0.99	1.00	−8	−6	−4	−16	−6	+17	−4	−13	−4	−22	0	1.63
34922		07 13 32.23	−44 38 25.9	4.42	3	H	108.384 295 37	−44.640 529 57		16.46	107.12	325.32	1.11	1.09	1.27	1.15	1.16	+2	−2	+12	−8	−14	+5	−16	−13	+2	−12	0	
34923		07 13 33.01	+60 07 25.9	8.93		H	108.387 530 96	+60.123 872 02		3.19	0.36	−10.01	0.87	0.67	1.26	1.00	0.83	−3	+29	−2	+21	+17	+14	+8	−29	−12	−17	2	−0.68
34924		07 13 36.45	−27 21 22.9	6.12		H	108.401 880 94	−27.356 374 07		0.63	−3.22	5.79	0.38	0.43	0.63	0.47	0.52	+16	+5	−10	+25	−7	+8	−4	+7	+21	+21	1	−1.60
34925		07 13 37.24	+57 57 16.5	8.73		H	108.405 149 05	+57.954 581 41		5.21	−1.27	−29.05	0.74	0.53	1.09	0.89	0.69	+7	+24	−14	+38	+14	+5	+7	+3	−1	−12	0	−1.92
34926		07 13 37.25	+47 16 00.2	7.04		H	108.405 222 72	+47.266 708 44		15.12	58.65	17.47	1.01	0.61	0.99	2.08	0.83	+13	+44	−1	−46	−21	−44	−22	−51	−5	+38	0	2.20
*34927		07 13 39.39	+50 33 30.0	8.29		H	108.414 138 38	+50.558 341 06		7.14	−11.27	−37.59	0.81	0.64	0.95	1.01	0.64	−7	+16	+2	−4	−4	−9	−3	−42	−19	+1	2	−0.05
*34928	H	07 13 39.37	−34 11 57.0	9.81		H	108.414 059 32	−34.199 179 34	A	7.67	13.83	−66.26	3.48	5.36	1.76	1.62	1.99	−5	−1	−1	+1	+2	+9	+4	−3	+9	+4	1	−0.59
34929		07 13 39.88	−53 40 04.1	6.70		H	108.416 184 96	−53.667 818 17		6.21	−9.40	0.19	0.48	0.46	0.50	0.52	0.55	+1	+17	−5	−17	−5	+0	−1	+11	+5	−12	0	−0.09
34930		07 13 40.58	+38 06 30.3	8.35		H	108.419 100 44	+38.108 412 19		3.81	−0.78	−2.78	1.14	0.56	1.09	1.37	0.70	−4	+36	−2	+27	−26	−6	−14	−19	+6	+15	0	−0.50
34931		07 13 41.51	−51 49 32.3	9.25		H	108.422 960 28	−51.825 626 89		3.58	−7.72	20.43	0.84	0.82	0.92	0.94	0.97	−3	+14	−1	−3	+0	−12	−1	+15	−13	−8	0	−1.35
34932		07 13 42.21	−54 54 02.2	8.83		H	108.425 892 21	−54.900 609 33		18.69	9.53	−20.56	0.81	0.69	0.80	1.00	0.86	−4	+12	+3	+18	+4	+16	−2	−8	−6	−28	0	0.75
34933	H	07 13 42.34	−08 55 31.0	8.12		G	108.426 435 22	−08.925 272 53	A	2.55	−6.24	2.06	1.54	1.11	1.59	1.49	1.12	+12	+9	−27	−34	−7	−6	−6	−29	+12	+21	1	0.51
34934		07 13 42.68	−28 36 32.0	8.15		H	108.427 818 95	−28.608 886 86		0.37	−5.52	18.11	0.59	0.82	1.06	0.71	1.08	+16	−1	−19	+16	+5	−4	+4	+26	+7	+17	0	−0.51
34935		07 13 44.56	−05 09 19.9	7.19		H	108.435 650 85	−05.155 533 56		−0.78	−0.71	0.07	0.81	0.54	1.00	0.75	0.57	+10	+48	−12	−17	−7	+4	+4	−34	+18	+30	0	−1.10
34936	H	07 13 45.95	+17 55 59.6	8.10		H	108.441 458 31	+17.933 227 50	A	1.87	−12.85	−6.78	1.73	0.87	1.65	1.85	1.18	+9	+36	+10	+7	+17	+5	+25	−36	+17	+12	1	0.36
34937		07 13 47.24	−31 05 01.1	6.57		G	108.446 814 24	−31.083 643 41		2.71	−5.41	4.23	0.41	0.48	0.62	0.49	0.58	+11	+11	−6	+7	−10	+10	−8	+0	+16	+17	0	−0.12
34938		07 13 47.50	−32 14 01.1	8.98		H	108.447 907 09	−32.233 647 74		−0.18	−4.64	6.41	0.72	0.83	1.05	0.84	1.19	−7	−3	−14	+3	+1	+0	+2	+5	+16	−19	3	0.82
34939		07 13 47.95	−35 19 08.9	8.36		H	108.449 812 15	−35.319 140 48		1.32	−4.15	6.53	0.61	0.78	0.89	0.71	0.98	+4	−21	−14	−13	−8	+6	−6	+14	−2	−6	1	−0.15
34940		07 13 48.39	−22 54 20.8	6.34	1	H	108.451 614 54	−22.905 786 03		2.07	−3.57	3.19	0.74	0.85	1.24	0.92	1.06	+8	+5	−9	−20	+3	−5	+3	−23	+12	+5	0	
34941		07 13 48.89	−20 26 02.9	9.86		H	108.453 715 87	−20.434 141 02		4.97	1.20	10.70	0.92	1.16	1.70	1.04	1.41	−17	+31	+5	−26	+0	−12	+5	−9	+10	−30	1	2.06
34942		07 13 49.73	+10 41 26.9	6.95		H	108.457 190 52	+10.690 804 27		5.53	0.22	−10.37	0.72	0.43	0.84	0.85	0.62	−23	+27	−14	−8	−5	−9	−5	−23	+13	−23	0	−0.36
34943	H	07 13 50.17	+28 29 38.6	6.99		H	108.459 050 47	+28.494 069 19	A	4.21	−15.59	−10.47	1.31	0.71	1.27	1.37	0.86	−23	+18	−17	+3	−1	+28	+10	−37	+44	−6	0	−1.16
34944		07 13 51.56	+01 30 26.1	9.09		H	108.464 837 64	+01.507 260 26		7.75	4.20	−18.13	1.04	0.67	1.16	1.09	0.75	+7	+25	−21	−34	−19	−13	−20	−37	+12	+4	0	0.50
34945		07 13 52.16	−49 56 11.8	7.74		H	108.467 332 49	−49.936 600 93		2.09	0.44	−3.66	0.59	0.64	0.70	0.65	0.82	+6	+33	−2	−3	−2	+8	+0	−1	+4	−6	0	1.39
34946	H	07 13 52.61	+48 29 55.8	7.26		H	108.469 216 49	+48.498 843 91	A	6.38	2.74	0.49	1.27	0.89	1.28	1.37	0.87	−30	+49	−32	−22	−8	−2	−3	−39	+1	−1	2	0.02
34947		07 13 53.00	+16 34 49.2	7.26	2	G	108.470 838 37	+16.580 346 98		4.24	−2.01	−23.18	0.92	0.63	0.99	1.17	0.90	−6	+36	+10	−36	+18	−24	+11	−73	−13	−15	6	0.08
34948		07 13 53.13	−27 17 40.2	8.84		H	108.471 388 56	−27.294 500 20		0.33	−3.30	2.58	0.66	0.74	1.05	0.81	0.94	+18	+2	−6	+34	+1	+13	+3	+13	+19	+26	0	0.58
34949		07 13 53.17	−21 08 39.9	9.38		H	108.471 542 90	−21.144 410 88		2.85	0.59	0.48	0.83	0.96	1.33	1.02	1.14	−22	+11	−21	−19	+12	+0	+11	−21	−6	−27	0	0.91
34950		07 13 53.37	+25 00 41.7	8.40		G	108.472 387 07	+25.011 592 18		39.72	−408.33	−88.88	1.36	0.71	1.29	2.71	1.28	+32	+12	+4	−45	−44	−29	−33	−71	−4	+58	0	0.72
34951		07 13 54.51	−10 13 16.7	9.84		G	108.477 126 51	−10.221 317 41		−0.09	−5.54	3.48	1.32	1.08	1.60	1.60	1.18	+0	+13	−20	−27	−7	+12	−2	−35	+16	+11	0	0.81
34952		07 13 55.08	+78 45 08.6	6.93	1	H	108.479 519 14	+78.752 380 98		10.22	10.16	29.61	0.52	0.52	0.72	0.59	0.63	+8	+26	+7	−8	−6	+7	+0	+3	+25	+7	0	−0.67
34953		07 13 56.15	−09 27 20.2	7.83		G	108.483 963 08	−09.455 620 64		4.77	−1.24	−2.65	0.96	0.72	1.18	1.14	0.81	+21	+1	−37	−51	−33	+28	−24	−49	+40	+41	0	−0.17
34954		07 13 57.34	−30 20 23.3	6.32		G	108.488 919 63	−30.339 801 56		2.25	−4.15	4.33	0.38	0.46	0.61	0.45	0.57	+14	+0	−11	+8	−5	+23	−3	−8	+20	+16	0	−0.27
34955		07 13 57.96	−50 28 17.8	6.79		G	108.491 482 16	−50.471 620 36		6.26	−16.53	24.52	0.45	0.46	0.51	0.53	0.57	−2	+21	−4	−1	+1	−3	+4	+5	+11	−21	0	0.18
34956		07 13 57.99	+71 48 59.5	6.36		H	108.491 632 80	+71.816 539 15		8.24	23.39	18.54	0.35	0.48	0.66	0.41	0.62	+23	+18	+15	+30	+10	+11	+11	+14	+9	+29	0	−1.45
34957		07 13 58.20	+28 33 28.6	8.52		G	108.492 509 79	+28.557 937 41		5.89	−6.95	−16.44	1.41	0.64	1.50	1.63	1.03	+1	+48	−5	+5	−18	+18	−6	−40	+18	+14	0	−0.53
34958		07 13 58.84	−48 18 08.2	7.45		G	108.495 178 83	−48.302 267 47		8.63	59.09	−75.22	0.53	0.54	0.60	0.65	0.67	−8	+3	−3	−19	+0	+9	+2	−8	−2	−21	1	−0.14
34959		07 13 59.47	+13 58 27.9	7.86		H	108.497 806 25	+13.974 419 84		4.10	2.99	−11.05	0.99	0.57	1.10	0.96	0.67	+8	+46	+8	−30	−7	−28	−11	−45	−8	−1	0	−1.15
34960		07 14 00.99	+11 52 04.9	9.28		H	108.504 118 35	+11.868 032 18		1.78	−12.53	1.19	0.99	0.53	1.25	1.30	0.89	−32	+45	−16	−26	−1	−32	+0	−34	+2	+9	0	0.20
34961		07 14 01.16	−51 28 10.5	9.19		G	108.504 815 53	−51.469 593 62		17.57	−108.78	246.98	0.79	0.81	0.94	0.93	0.97	−10	+6	+8	+3	−5	−19	−5	+7	−21	−8	0	0.16
34962		07 14 01.19	−25 36 21.0	11.67	2	G	108.504 958 18	−25.605 844 67		−0.77	−3.52	1.39	1.23	1.80	2.68	1.32	2.29	+19	+1	−2	+42	−1	+2	+3	−10	+10	+29	0	2.34
34963		07 14 02.32	+51 22 16.5	8.53		H	108.509 659 86	+51.371 249 46		1.42	−2.04	3.59	0.99	0.79	1.17	1.29	0.87	−14	+5	+14	−33	−5	+15	−4	−47	−29	−16	0	−1.32
34964		07 14 02.66	−31 38 33.4	7.66	2	H	108.511 088 63	−31.642 609 79		−0.36	−1.25	2.71	0.47	0.60	0.72	0.55	0.70	+6	+5	−3	−4	−16	+1	−14	−4	+16	+7	0	−0.54
34965		07 14 03.30	+04 34 40.8	7.55		H	108.513 743 65	+04.578 003 23		4.54	20.59	−18.96	0.94	0.56	1.07	0.89	0.64	−19	+47	−20	−32	−3	−11	−3	−39	+6	−5	0	0.10
34966		07 14 04.98	−38 58 45.9	10.70		G	108.520 766 59	−38.979 409 37		14.02	−44.02	241.09	1.15	1.20	1.45	1.26	1.54	−3	−7	+0	−4	+2	−6	+4	+9	−15	−10	0	−0.34
34967		07 14 06.55	−86 15 04.8	8.60		H	108.527 296 62	−86.251 332 45		11.86	−89.68	57.81	0.70	0.67	0.75	0.88	0.81	−14	+13	−2	−17	+8	−2	+9	−21	+10	−28	0	0.77
34968		07 14 08.61	−29 55 46.0	8.98		G	108.535 865 34	−29.929 437 08		2.10	−2.80	3.93	0.60	0.76	0.98	0.68	0.95	+4	+10	−13	+22	−9	+17	−9	−19	+8	+2	0	−0.55
34969		07 14 08.74	+35 32 51.1	7.71		H	108.536 413 35	+35.547 527 94		11.36	22.66	18.09	0.99	0.50	1.02	1.18	0.75	+2	+30	+6	+5	−16	+6	−10	−46	+4	+14	0	−0.91
34970		07 14 09.76	−09 15 24.5	7.70	1	H	108.540 655 83	−09.256 804 69		1.26	−2.98	1.32	0.95	0.71	1.18	1.07	0.77	+19	+2	−38	−54	−32	+25	−24	−55	+43	+47	0	−0.86
34971		07 14 09.86	+42 32 36.7	8.48		H	108.541 100 26	+42.543 518 91		3.61	−23.95	4.49	1.05	0.63	1.19	1.22	0.82	−3	+44	+11	+16	+1	−15	+7	−19	−2	+6	0	0.04
34972		07 14 10.11	+42 02 50.0	9.69		H	108.542 111 91	+42.047 229 81		2.64	−7.48	−4.30	1.35	0.82	1.43	1.61	1.14	−25	+44	−14	+9	+12	−1	+22	−40	+10	−5	0	0.08
34973		07 14 10.22	−18 59 01.9	7.66	1	G	108.542 571 80	−18.983 872 61		6.01	−6.41	−4.91	0.61	0.62	0.91	0.77	0.68	−20	+17	−30	+13	+3	−21	+1	−20	+14	−14	0	0.42
34974		07 14 10.39	−46 19 33.4	7.29		H	108.543 285 26	−46.325 933 81		4.17	−10.32	11.97	0.52	0.50	0.59	0.61	0.52	−6	+15	+4	+1	−14	+2	−14	−7	−7	−21	1	0.68
34975	H	07 14 10.87	−03 54 06.3	5.80	1	G	108.545 295 05	−03.901 759 14	A	5.32	−34.21	−8.09	1.19	0.96	1.23	1.11	0.84	−17	+20	−7	−25	−3	−5	+1	−38	+8	+5	3	0.78
34976		07 14 11.52	−12 48 35.8	7.73		G	108.547 979 96	−12.809 940 71		1.43	−6.16	5.68	0.70	0.58	0.93	0.77	0.64	+5	+21	−17	−20	+4	−30	−2	−25	−5	+10	0	−0.38
34977		07 14 13.34	+32 40 40.7	9.23		H	108.555 580 06	+32.677 969 97		7.24	−15.71	−61.33	1.38	0.65	1.44	1.71	0.93	−15	+33	−2	+33	−18	+0	+5	−32	+20	+12	0	0.92
34978		07 14 13.79	+07 13 45.9	7.93		H	108.557 478 90	+07.229 418 96		2.24	−4.08	−2.66	0.83	0.50	0.93	0.87	0.58	+2	+27	−9	−31	−15	−13	−12	−37	+15	+3	0	0.46
34979		07 14 14.06	−36 25 36.3	7.55	2	H	108.558 569 23	−36.426 741 27		3.32	−8.05	20.37	0.48	0.57	0.67	0.57	0.73	+5	−6	−3	−9	−5	+18	−5	+5	−8	+9	0	−0.09
34980	H	07 14 14.25	+04 12 26.5	8.86		G	108.559 367 04	+04.207 363 93	A	2.23	1.84	−6.37	2.24	1.43	2.35	2.10	1.47	−18	+22	−25	−24	−4	−19	−6	−24	+4	−5	1	0.34
34981	H	07 14 15.22	−26 21 09.1	4.42	2	H	108.563 401 79	−26.352 516 17	*	2.07	−6.58	3.89	0.32	0.42	0.59	0.39	0.51	+16	+2	−11	+13	−4	+11	−3	−1	+14	+18	0	−0.78
34982		07 14 15.52	−09 56 51.1	5.90		G	108.564 677 51	−09.947 539 38		1.39	−4.69	2.80	0.74	0.51	0.83	0.79	0.56	+1	+22	−14	−35	−5	+8	−1	−37	+17	+22	0	1.20
34983		07 14 16.79	−28 10 10.3	7.90		H	108.569 970 17	−28.169 524 41		0.91	−4.58	4.25	0.53	0.69	0.90	0.64	0.93	+23	−2	−11	+21	+2	−4	+0	+19	+8	+30	0	−2.52
34984		07 14 17.87	+05 53 21.8	9.19		H	108.574 453 16	+05.889 398 37		1.72	0.56	1.20	1.28	0.82	1.49	1.38	1.00	−4	+31	−13	−48	−6	−33	−12	−47	+2	+1	0	0.86
34985		07 14 18.84	−07 31 09.1	8.44		G	108.578 507 70	−07.519 201 47		1.45	−2.18	2.35	0.96	0.68	1.08	1.08	0.76	+2	+21	+11	−32	+7	+5	+6	−40	+2	−2	0	0.12
34986		07 14 19.87	−15 23 43.6	9.59	2	H	108.582 776 57	−15.395 453 86		1.86	−2.08	1.67	0.98	1.04	1.58	1.02	1.26	−32	+25	−33	−12	+33	−32	+23	−10	−28	+5	2	0.59
34987		07 14 20.07	+03 06 41.1	5.36		H	108.583 606 89	+03.111 421 28		4.35	−5.21	−3.01	0.70	0.45	0.89	0.77	0.62	+3	+34	−16	−13	−14	−25	−13	−21	+28	−19	0	−1.12
34988		07 14 20.50	+41 12 36.6	8.66		G	108.585 431 78	+41.210 164 21		3.57	1.57	2.14	1.33	1.08	1.53	2.15	1.41	−51	+7	−1	−24	+31	+49	+48	−71	+5	−18	0	0.20
34989		07 14 20.91	−18 26 07.0	7.86		G	108.587 133 91	−18.435 284 93		−0.06	−5.26	3.34	0.64	0.62	0.99	1.02	0.91	−25	+25	−29	+26	+15	−15	+12	+15	−11	+7	0	0.78
34990		07 14 21.09	−07 22 34.1	8.80		G	108.587 868 94	−07.376 128 07		0.69	−5.96	−2.97	1.16	0.80	1.27	1.20	0.87	−19	+30	+2	−43	+19	+1	+23	−49	+14	−11	2	1.15
34991		07 14 22.36	−25 46 02.9	10.08		H	108.593 160 89	−25.767 470 77		2.12	−0.19	4.21	0.82	1.26	1.88	0.92	1.58	+12	+8	−4	+26	−3	+10	−1	−4	+6	+20	0	−0.47
34992		07 14 22.64	−61 04 11.4	7.17		G	108.594 338 95	−61.069 830 16		16.50	−114.68	16.91	0.52	0.55	0.57	0.55	0.69	+5	+2	+16	+10	−11	+13	−17	+5	−3	−5	3	−0.82
34993	H	07 14 25.96	−21 06 24.9	9.19	2	H	108.608 157 63	−21.106 902 93	*	0.89	1.00	1.45	2.31	2.26	1.73	1.46	1.50	−35	+17	−10	−13	+7	−1	+11	−12	+19	−45	2	0.74
34994		07 14 26.11	−07 34 37.2	9.04		H	108.608 792 39	−07.576 992 58		4.80	−7.41	−3.93	1.27	0.83	1.43	1.33	0.96	−12	+41	−1	−32	+20	−5	+25	−44	+17	−14	4	0.67
34995		07 14 26.55	+24 42 40.2	6.88		H	108.610 616 74	+24.711 164 39		4.77	3.05	−10.93	1.00	0.55	0.99	1.21	0.71	+26	+18	−24	−36	−38	−3	−32	−55	+25	+39	0	0.60
34996		07 14 26.71	−33 34 14.2	8.52		H	108.611 306 19	−33.570 600 83		3.61	1.11	−0.44	0.59	0.71	0.85	0.76	0.94	+2	+6	−8	+20	−6	+22	−5	+13	+5	+2	1	1.06
34997		07 14 26.82	−24 52 17.4	8.12		H	108.611 747 85	−24.871 490 42		2.72	−4.26	12.25	0.51	0.79	1.10	0.54	0.87	+25	−6	−4	+7	−7	−7	−12	−24	+3	+10	0	−2.85
34998		07 14 27.98	−12 13 37.1	8.68		H	108.616 576 84	−12.226 983 06		2.57	−4.71	4.21	0.94	0.82	1.10	0.90	0.80	−14	+18	−25	−38	+12	−14	+9	−39	−2	−3	0	−0.57
34999		07 14 28.26	−10 18 58.5	6.02		H	108.617 730 82	−10.316 248 54		1.34	−3.85	1.55	0.62	0.46	0.71	0.72	0.53	+18	+16	−13	−28	−12	+5	−9	−34	+10	+33	0	1.36
35000		07 14 28.52	+46 05 54.8	8.98		H	108.618 846 31	+46.098 558 45		3.61	14.15	−17.76	1.15	0.78	1.34	1.48	0.93	−7	+24	−17	−33	−20	+11	−13	−45	+8	+17	0	0.86

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
34901	7.278	0.005	7.341	0.006		−0.057	0.003	G	−0.04	0.00	H	7.3352	0.0010	0.008	115		7.32	7.36					1							S
34902	11.118	0.065	10.439	0.061		0.800	0.040	G	0.84	0.04	R	10.4162	0.0025	0.025	103		10.36	10.46					1							G
34903	9.329	0.015	9.067	0.017		0.249	0.021	T	0.28	0.03	L	9.1066	0.0019	0.018	117		9.08	9.13		C			1							
34904	7.045	0.006	6.720	0.005		0.338	0.015	G	0.39	0.02	H	6.7587	0.0007	0.006	95		6.75	6.77		C			1							S
34905	10.137	0.025	8.182	0.010		1.657	0.022	T	2.00	0.06	O	8.0665	0.0014	0.014	128		8.05	8.09		C			1							
34906	7.846	0.007	7.603	0.008		0.248	0.015	G	0.28	0.02	H	7.6596	0.0018	0.011	81		7.64	7.68					1							S
34907	10.610	0.038	9.929	0.033		0.630	0.042	T	0.70	0.04	L	10.0265	0.0031	0.028	120		9.98	10.07		C			1							
34908	8.882	0.017	8.513	0.017		0.350	0.022	T	0.41	0.03	L	8.5567	0.0032	0.025	72		8.52	8.60		U			1							
34909	7.142	0.011	5.242	0.014	*	1.653	0.005	G	1.63	0.01	J *	5.0026	0.0138	0.105	88	*	4.94	5.22		U 2	07134+1610	I 1	2 C S B	AD	14	0.121	0.008	0.09	0.43	S P
34910	10.582	0.037	9.941	0.035		0.595	0.044	T	0.67	0.04	L	10.0207	0.0031	0.031	131		9.96	10.08		C			1 G							
34911	9.997	0.022	8.473	0.011		1.281	0.019	T	1.24	0.02	L	8.5140	0.0017	0.018	131		8.48	8.55					1							
34912	7.611	0.012	5.677	0.009		1.640	0.012	T	2.24	0.06	O	5.5176	0.0080	0.056	73		5.47	5.62		U 2			1 S							S P
34913	8.157	0.013	6.749	0.006		1.190	0.011	T	1.15	0.01	L	6.7679	0.0009	0.007	80		6.76	6.78		C			1							S
34914	7.929	0.008	6.150	0.004		1.481	0.001	G	1.50	0.00	K	6.1169	0.0008	0.008	146		6.10	6.13					1							S
34915	9.376	0.017	8.978	0.017		0.389	0.020	T	0.45	0.02	L	8.9976	0.0023	0.019	116		8.97	9.02					1							
34916	9.192	0.016	8.756	0.016		0.398	0.015	G	0.46	0.02	H	8.8338	0.0012	0.012	113		8.81	8.85		C			1							
34917	7.681	0.006	7.477	0.006		0.177	0.002	G	0.19	0.00	H	7.5207	0.0009	0.012	165		7.50	7.55					1							S
34918	10.067	0.029	8.941	0.019		1.000	0.015	G	0.98	0.01	H	9.0127	0.0016	0.015	93		8.99	9.04		C			1							
34919	7.584	0.005	7.491	0.007	A	0.000	0.495	G	0.08	0.01	L *	7.4863	0.0011	0.011	130	*	7.47	7.51		D	07135−3829	I 1	2 C A	AB	197	2.981	0.032	3.70	0.08	S
34920	7.679	0.007	7.383	0.009	*	0.281	0.010	T	0.32	0.01	L *	7.4452	0.0008	0.008	114	*	7.43	7.46		D	07135+3209	I 1	2 C B	AB	160	5.296	0.025	3.80	0.10	S
34921	10.831	0.081	9.030	0.031		1.499	0.069	T	1.53	0.10	L	9.0126	0.0021	0.015	110		8.98	9.05		C			1							
34922	6.223	0.036	4.663	0.036		1.331	0.042	T	3.46	0.13	O	4.1465	0.0356	0.253	107		3.81	4.67	140.00	P 1 A	07135−4439	I 1	1 X S							S P
34923	9.529	0.017	9.003	0.016		0.494	0.021	T	0.57	0.02	L	9.0416	0.0022	0.016	101		9.01	9.07					1							
34924	5.802	0.003	6.072	0.003		−0.234	0.004	T	−0.25	0.01	L	6.0325	0.0006	0.007	174		6.02	6.04		C			1							S
34925	8.932	0.011	8.743	0.013		0.181	0.016	T	0.20	0.02	L	8.7881	0.0016	0.016	125		8.76	8.81		C			1							
34926	7.554	0.006	7.087	0.008		0.440	0.009	T	0.51	0.01	L	7.1374	0.0009	0.008	95		7.12	7.15		C			1 G							S
34927	8.628	0.011	8.321	0.011		0.279	0.003	G	0.32	0.00	H	8.3626	0.0020	0.017	95		8.33	8.40		C			1							S
34928	10.534	0.038	9.892	0.033	*	0.590	0.037	T	0.66	0.03	L *	9.9397	0.0029	0.024	106	*	9.90	9.98		D	07137−3412	H 1	2 C A	AB	264	0.306	0.004	0.29	0.07	G
34929	6.611	0.004	6.685	0.005		−0.088	0.002	G	−0.07	0.00	H	6.6805	0.0012	0.010	115		6.67	6.70					1							S
34930	8.327	0.010	8.334	0.012		−0.002	0.014	T	0.02	0.01	L	8.3628	0.0017	0.015	87		8.34	8.39		C			1							S
34931	10.583	0.034	9.356	0.019		1.048	0.030	T	1.02	0.03	L	9.4203	0.0022	0.018	109		9.40	9.46					1							
34932	9.621	0.019	8.910	0.017		0.641	0.019	T	0.71	0.02	L	8.9602	0.0026	0.018	93		8.93	8.99					1							
34933	8.102	0.018	8.049	0.025	*	0.050	0.015	G	0.06	0.01	H *	8.1557	0.0018	0.015	80	*	8.14	8.18		D	07137−0856	I 1	2 C A	AB	41	3.637	0.007	1.39	0.03	
34934	10.135	0.022	8.305	0.009		1.522	0.019	T	1.56	0.03	L	8.2697	0.0017	0.017	163		8.24	8.30					1							
34935	8.352	0.011	7.387	0.008		0.848	0.010	T	0.86	0.01	L	7.3469	0.0013	0.012	81		7.33	7.36		C			1							S
34936	9.127	0.016	8.237	0.012	*	0.792	0.015	T	0.82	0.01	L *	8.2480	0.0012	0.011	114	*	8.23	8.27		D	07138+1756	I 1	2 C A	AB	104	0.965	0.006	1.41	0.01	
34937	6.342	0.003	6.539	0.004		−0.172	0.006	G	−0.18	0.01	H	6.5187	0.0007	0.008	158		6.50	6.53					1							S P
34938	10.504	0.040	9.080	0.019		1.202	0.035	T	1.16	0.03	L	9.1439	0.0019	0.021	116		9.11	9.19					1							
34939	10.530	0.038	8.556	0.013		1.637	0.032	T	1.66	0.03	L	8.4739	0.0022	0.018	114		8.44	8.50					1							
34940	6.109	0.003	6.313	0.004		−0.184	0.003	G	−0.19	0.00	H	6.2720	0.0016	0.015	185		6.25	6.30		U 2	07138−2254	I 1	1 X S							S
34941	10.293	0.028	9.930	0.031		0.354	0.037	T	0.42	0.04	L	9.9463	0.0033	0.032	140		9.88	10.00					1							G
34942	8.212	0.009	7.046	0.006		1.000	0.008	T	0.98	0.01	L	7.1113	0.0007	0.007	118		7.10	7.12		C			1							S
34943	7.017	0.004	7.015	0.006	*	0.007	0.006	T	0.03	0.01	L *	7.0042	0.0006	0.007	111	*	6.99	7.02		D	07138+2830	I 1	2 C A	AB	23	0.582	0.002	1.58	0.01	S
34944	9.668	0.023	9.112	0.022		0.521	0.028	T	0.59	0.03	L	9.1994	0.0016	0.016	92		9.17	9.23		C			1							
34945	9.941	0.023	7.941	0.009		1.694	0.020	T	2.07	0.06	O	7.8165	0.0017	0.016	107		7.78	7.85					1							S
34946	7.388	0.007	7.302	0.009	A	−0.200	0.495	G	0.07	0.02	L *	7.2850	0.0007	0.009	90	*	7.27	7.30		D	07138+4830	I 1	2 C B	AB	113	2.680	0.028	2.99	0.09	S
34947	7.706	0.008	7.295	0.006		0.384	0.006	G	0.45	0.01	H	7.3490	0.0023	0.024	111		7.31	7.38		U 2			1 G							S
34948	8.631	0.009	8.780	0.013		−0.130	0.014	T	−0.12	0.02	L	8.7993	0.0017	0.019	174		8.76	8.83					1							
34949	9.438	0.017	9.391	0.022		0.043	0.025	T	0.06	0.02	L	9.3973	0.0023	0.022	134		9.36	9.44		C			1							G
34950						0.827	0.016	G	0.87	0.02	H	8.5216	0.0014	0.011	89		8.50	8.54		C	07139+2500	I 1	1							
34951	9.739	0.029	9.919	0.046		−0.078	0.030	G	−0.06	0.04	H	9.8227	0.0044	0.029	69		9.78	9.89					1							G
34952	7.261	0.006	6.962	0.005		0.284	0.007	T	0.32	0.01	L	7.0088	0.0012	0.011	134		6.99	7.03		M			1							S
34953	7.764	0.010	7.825	0.010		−0.056	0.007	G	−0.03	0.01	H	7.8305	0.0016	0.014	79		7.81	7.85					1							S
34954	6.069	0.003	6.285	0.004		−0.183	0.002	G	−0.19	0.00	H	6.2557	0.0007	0.007	145		6.25	6.27		C			1							S
34955	6.727	0.004	6.782	0.004		−0.048	0.001	G	−0.03	0.00	H	6.7743	0.0007	0.007	115		6.76	6.79					1							S
34956	7.803	0.006	6.485	0.003		1.119	0.005	T	1.08	0.01	L	6.5331	0.0007	0.009	198		6.52	6.55					1							S
34957	9.252	0.015	8.602	0.013		0.580	0.015	G	0.65	0.01	H	8.6457	0.0016	0.014	109		8.62	8.67		C			1							
34958	7.865	0.008	7.486	0.008		0.364	0.015	G	0.43	0.02	H	7.5364	0.0013	0.009	108		7.52	7.55					1							S
34959	8.672	0.013	7.942	0.011		0.664	0.015	G	0.73	0.01	H	7.9990	0.0014	0.011	89		7.98	8.02		C			1							S
34960	9.605	0.015	9.297	0.017		0.293	0.021	T	0.33	0.03	L	9.3604	0.0013	0.014	148		9.34	9.38		C			1							
34961	10.095	0.024	9.275	0.019		0.736	0.002	G	0.78	0.00	H	9.3240	0.0019	0.019	118		9.30	9.36		C			1 G							
34962						0.480	0.020	G	0.55	0.02	R	11.7679	0.0052	0.058	240		11.68	11.87		U			1 S							D
34963	9.823	0.024	8.636	0.015		1.017	0.022	T	0.99	0.02	L	8.6963	0.0021	0.017	78		8.66	8.73		C			1							
34964	7.530	0.008	7.632	0.009		−0.087	0.010	T	−0.07	0.01	L	7.6353	0.0059	0.049	144		7.55	7.71		U 2 C			1							S
34965	8.846	0.013	7.665	0.009		1.012	0.012	T	0.99	0.01	L	7.7163	0.0012	0.010	85		7.70	7.73		C			1							S
34966	12.219	0.161	10.812	0.067		0.986	0.003	G	1.03	0.00	I	10.8484	0.0031	0.036	129		10.80	10.92		C			1							G
34967	9.245	0.013	8.640	0.012		0.563	0.013	T	0.64	0.01	L	8.7214	0.0019	0.016	123		8.70	8.75		C			1							
34968	8.901	0.011	8.983	0.015		−0.063	0.015	G	−0.04	0.01	H	8.9720	0.0016	0.016	138		8.94	9.00		C			1							
34969	9.143	0.014	7.834	0.008		1.112	0.013	T	1.07	0.01	L	7.8785	0.0012	0.012	132		7.86	7.90					1							
34970	10.280	0.032	7.929	0.010		1.938	0.027	T	1.97	0.03	L	7.7889	0.0025	0.018	83		7.77	7.82		U			1							
34971	9.793	0.024	8.613	0.016		1.011	0.022	T	0.99	0.02	L	8.6491	0.0024	0.016	86		8.62	8.68		C			1							
34972	10.014	0.028	9.720	0.032		0.280	0.040	T	0.32	0.05	L	9.7540	0.0020	0.017	78		9.72	9.78		C			1							
34973	8.158	0.009	7.690	0.008		0.446	0.015	G	0.52	0.02	H	7.7536	0.0016	0.020	125		7.71	7.79		U			1							S
34974	8.494	0.011	7.398	0.007		0.947	0.010	T	0.94	0.01	L	7.4520	0.0010	0.009	108		7.44	7.47		C			1							S
34975	8.040	0.010	6.149	0.006	A	1.585	0.008	G	1.59	0.09	H *	6.0626	0.0017	0.013	83	*	6.04	6.08		M	07142−0354	I 1	2 C D	AB	152	2.709	0.062	4.08	0.30	S D
34976	7.675	0.007	7.717	0.011		−0.030	0.000	G	−0.01	0.00	H	7.7313	0.0012	0.010	87		7.71	7.75		C			1							S
34977	9.777	0.022	9.264	0.022		0.482	0.028	T	0.55	0.03	L	9.3336	0.0018	0.016	103		9.31	9.37		C			1							
34978	7.836	0.007	7.925	0.013		−0.076	0.013	T	−0.06	0.01	L	7.9104	0.0010	0.009	92		7.90	7.93		C			1							S
34979	8.298	0.010	7.645	0.009		0.597	0.010	T	0.67	0.01	L	7.6789	0.0033	0.033	121		7.63	7.73		U 2			1							S P
34980	9.063	0.019	8.818	0.023	*	0.287	0.015	G	0.33	0.02	H *	8.9041	0.0024	0.016	79	*	8.88	8.93		D	07142+0412	I 1	2 C A	AB	350	6.001	0.006	1.13	0.03	
34981	4.191	0.002	4.415	0.002	*	−0.170	0.160	G	−0.12	0.02	A *	4.3786	0.0021	0.019	198	*	4.36	4.42		U 2 C	07143−2621	I 1	2 C S A	BA	324	0.131	0.003	0.47	0.12	S
34982	7.892	0.011	6.076	0.006		1.528	0.001	G	1.40	0.04	E	6.0592	0.0012	0.007	67		6.05	6.07		C			1							S
34983	7.695	0.006	7.868	0.008		−0.149	0.009	T	−0.15	0.01	L	7.8523	0.0012	0.014	169		7.83	7.88					1							S
34984	10.936	0.060	9.335	0.026		1.341	0.052	T	1.31	0.06	L	9.3456	0.0022	0.019	80		9.31	9.37					1							
34985	8.342	0.010	8.439	0.014		−0.080	0.015	G	−0.06	0.02	H	8.4278	0.0018	0.013	82		8.40	8.45		C			1							
34986	9.679	0.024	9.541	0.030		0.133	0.036	T	0.15	0.04	L	9.6417	0.0060	0.050	88		9.53	9.70		U 2			1 S							G
34987	6.913	0.006	5.486	0.003		1.193	0.004	G	1.10	0.04	E	5.5307	0.0006	0.004	78		5.52	5.54					1							S
34988	9.096	0.016	8.707	0.017		0.394	0.015	G	0.46	0.02	H	8.7521	0.0015	0.015	77		8.73	8.77		C			1							
34989	7.737	0.006	7.831	0.009		−0.080	0.015	G	−0.06	0.02	H	7.8408	0.0013	0.015	146		7.81	7.87					1							S
34990	8.787	0.014	8.794	0.018		−0.010	0.015	G	0.01	0.01	H	8.8018	0.0024	0.016	85		8.78	8.84		C			1							
34991	11.223	0.055	10.117	0.030		1.130	0.020	G	1.09	0.02	R	10.2449	0.0033	0.039	227		10.19	10.32					1 S							D
34992	7.656	0.006	7.220	0.006		0.437	0.015	G	0.51	0.02	H	7.2614	0.0011	0.008	103		7.25	7.28		C			1							S
34993	9.387	0.016	9.201	0.019	*	0.178	0.023	T	0.20	0.03	L *	9.2521	0.0040	0.037	132	*	9.19	9.31		U	07144−2106	H 1	2 C A	AB	132	0.272	0.010	0.70	0.16	
34994	9.434	0.019	9.052	0.020		0.282	0.010	G	0.32	0.01	H	9.1111	0.0025	0.019	82		9.08	9.14		C			1							
34995	6.868	0.005	6.875	0.006		−0.002	0.007	T	0.02	0.01	L	6.8835	0.0013	0.011	94		6.87	6.90			07144+2443	I 1	1							S
34996	9.826	0.020	8.613	0.013		1.037	0.019	T	1.01	0.02	L	8.6872	0.0019	0.015	129		8.67	8.72		C			1							
34997	9.766	0.014	8.248	0.008		1.276	0.013	T	1.24	0.01	L	8.2824	0.0015	0.021	219		8.25	8.32					1							
34998	8.687	0.015	8.664	0.018		0.010	0.015	G	0.03	0.01	H	8.6870	0.0016	0.013	73		8.66	8.71		C			1							
34999	5.781	0.005	5.979	0.007		−0.173	0.007	T	−0.18	0.01	L	5.9606	0.0008	0.006	74		5.95	5.97		C			1							S
35000	10.240	0.030	9.050	0.019		1.019	0.028	T	0.99	0.02	L	9.1452	0.0017	0.016	105		9.10	9.17					1							

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α (ICRS) deg (8)	δ (ICRS) deg (9)	(10)	Par. π mas (11)	$\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	σ α* mas (14)	σ δ mas (15)	σ π mas (16)	σ $\mu_{\alpha*}$ mas/yr (17)	σ μ_δ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	F1 % (29)	F2 (30)
35001		07 14 29.44	−40 55 57.5	8.96		H	108.622 659 03	−40.932 648 88		1.20	−10.81	5.10	0.68	0.79	0.90	0.68	1.03	+7	−14	−16	−9	−4	+14	−2	+11	−6	+8	0	0.33
35002		07 14 30.67	−25 48 11.4	10.06		H	108.627 792 97	−25.803 161 84		8.07	19.92	−17.53	1.84	2.51	3.62	2.10	3.02	+12	+12	−8	+26	−4	+8	−2	−21	+9	+16	0	
35003		07 14 31.03	−22 56 32.6	7.77		H	108.629 292 73	−22.942 390 63		3.22	−2.54	−2.68	0.47	0.55	0.84	0.62	0.72	+11	−2	−15	−9	+8	−19	+6	−10	+2	+14	1	−0.17
35004	H	07 14 32.22	−19 59 28.1	7.35		G	108.634 265 70	−19.991 129 77	A	−0.41	−5.03	1.80	0.88	0.92	1.16	0.91	1.02	−53	+27	−18	−35	+18	−15	+16	−14	+8	−48	2	1.03
35005		07 14 32.65	+12 06 57.1	5.71		H	108.636 043 11	+12.115 865 88		9.85	−50.09	−17.02	0.69	0.41	0.85	0.84	0.55	−30	+35	−16	−16	+6	−31	+11	−38	+0	+7	0	0.03
35006		07 14 32.84	+16 36 22.5	8.12		H	108.636 846 79	+16.606 253 50		2.72	−2.49	−2.76	0.99	0.55	1.05	1.04	0.71	+10	+25	+22	−32	+6	−9	−1	−59	−19	−9	0	1.05
35007		07 14 33.42	+69 32 23.0	10.03		H	108.639 237 23	+69.539 724 63		−1.08	0.08	−3.97	0.62	0.88	1.53	0.73	1.12	+14	+3	+5	+46	−2	+6	+1	+0	+27	+20	0	1.43
35008		07 14 33.56	+08 02 00.1	7.68		H	108.639 843 13	+08.033 358 37		1.77	−1.84	−4.27	0.75	0.46	0.84	0.76	0.50	+7	+24	−22	−30	−21	+0	−17	−39	+19	+8	0	2.15
35009		07 14 33.69	−24 56 16.5	8.70	1	H	108.640 388 12	−24.937 909 35		1.98	−3.72	−0.27	0.47	0.67	1.01	0.51	0.86	+13	+6	−1	+21	−1	+2	−1	−8	+9	+13	0	−0.68
35010		07 14 33.90	+05 16 14.8	7.87		G	108.641 245 59	+05.270 767 09		1.46	−3.27	−8.76	0.90	0.56	1.06	0.93	0.68	−6	+41	−18	−35	−4	−23	−5	−41	+7	+7	0	1.38
35011		07 14 34.03	+20 31 00.8	7.17		H	108.641 806 37	+20.516 900 16		3.19	−16.29	−14.11	0.81	0.42	0.89	1.00	0.57	+10	+19	−14	+18	+7	−34	+5	−22	−8	+23	0	1.17
35012		07 14 34.19	−25 18 08.6	7.32		H	108.642 468 19	−25.302 396 73		4.27	−13.81	−0.86	0.38	0.54	0.83	0.41	0.66	+20	+5	−6	+42	+2	+3	+4	−10	+2	+26	1	−0.97
35013		07 14 34.36	−42 12 50.1	8.23		H	108.643 151 05	−42.213 919 07		1.83	−4.87	8.38	0.53	0.60	0.67	0.58	0.76	+3	+12	+3	+2	−7	+4	−8	+0	+1	−4	1	−0.07
35014	H	07 14 34.91	−31 29 36.5	7.80		G	108.645 450 82	−31.493 472 58	A	5.75	−4.52	0.93	0.75	0.93	1.01	0.82	1.05	−4	+12	−7	+9	−8	+1	−7	−2	+5	−1	4	0.49
35015		07 14 35.07	−17 23 19.1	10.33	2	G	108.646 108 31	−17.388 634 84		−3.24	−0.76	1.73	4.20	3.96	5.83	6.30	6.38	−27	+22	−21	+9	+14	−7	+14	+2	−1	−19	0	
35016		07 14 36.42	−47 08 06.0	8.10		G	108.651 741 27	−47.134 998 81		2.31	−10.59	21.35	0.72	0.65	0.84	0.97	0.69	−6	−13	+10	−1	−8	+29	−11	−15	−2	−21	0	−0.13
35017		07 14 36.76	−30 39 18.1	6.92		H	108.653 170 46	−30.655 034 49		8.20	−91.60	55.59	0.44	0.54	0.67	0.53	0.67	+6	+6	−9	+12	+0	+9	+1	−3	+13	+4	0	1.06
35018		07 14 37.66	−37 19 58.4	9.13		G	108.656 907 71	−37.332 885 14		7.86	−52.61	53.67	0.70	0.80	0.97	0.74	0.95	+8	+8	−2	+21	−1	+20	−1	+14	−5	+10	0	1.44
35019		07 14 37.69	+19 42 05.1	8.02		G	108.657 061 96	+19.701 415 34		5.50	−12.03	−3.90	0.80	0.45	0.90	0.91	0.60	+5	+29	−13	−3	+2	−34	−4	−26	+4	−1	0	1.08
35020		07 14 38.14	−48 16 18.9	4.75		H	108.658 935 26	−48.271 928 32		9.20	−4.18	0.63	0.47	0.47	0.52	0.56	0.58	−17	−1	+8	−26	+12	+12	+13	−18	−6	−32	4	−0.19
35021		07 14 38.45	+02 54 07.0	9.11	1	H	108.660 225 48	+02.901 933 83		−2.44	1.89	−4.73	1.09	0.66	1.37	1.16	0.93	+0	+47	−2	−20	−10	−32	−4	−21	+25	−30	0	−0.77
35022		07 14 38.89	+28 26 29.9	8.60		G	108.662 037 02	+28.441 651 43		16.53	−52.35	−37.46	1.36	0.66	1.39	1.35	0.91	−6	+53	−4	+19	+2	+6	+9	−28	+6	+3	0	−0.72
35023		07 14 40.13	−10 12 48.5	9.15		H	108.667 201 68	−10.213 459 94		0.77	−2.94	0.32	1.11	0.82	1.38	1.27	0.95	−3	+22	−17	−26	−1	−7	+2	−30	+16	+14	0	−0.91
35024		07 14 40.96	−32 33 46.5	7.85		G	108.670 672 72	−32.562 915 63		1.69	−5.69	15.72	0.55	0.69	0.84	0.63	0.86	+6	+5	+0	+23	+4	+8	+1	−3	+18	−9	0	−1.36
35025		07 14 41.94	+24 53 06.7	5.84		H	108.674 769 26	+24.885 201 86		9.68	54.80	−89.50	1.09	0.58	0.94	1.35	0.77	+39	+7	−7	−47	−43	−2	−44	−56	+12	+34	4	1.11
35026		07 14 42.10	−23 29 21.9	7.30		H	108.675 436 28	−23.489 408 36		1.44	−4.30	3.04	0.39	0.49	0.78	0.50	0.61	+20	+3	−13	−13	+7	−8	+6	−13	+7	+19	0	−1.42
35027		07 14 42.41	+53 35 14.7	8.36		H	108.676 704 63	+53.587 428 71		5.58	−19.65	8.60	0.86	0.69	1.08	1.10	0.82	−16	+30	−20	+7	−14	+7	−5	−30	+8	+2	0	−0.04
35028		07 14 42.57	−63 03 51.8	8.38		H	108.677 387 20	−63.064 392 06		3.81	−2.19	41.59	0.65	0.64	0.68	0.86	0.81	−6	+3	+17	−10	−4	−3	−1	−1	+7	−33	1	1.50
35029		07 14 46.03	−46 50 58.8	5.72	1	H	108.691 773 79	−46.849 672 25		7.67	−10.15	0.10	0.47	0.44	0.53	0.63	0.48	−2	−6	+4	−7	−10	+7	−9	−14	−4	−21	1	0.53
35030		07 14 46.25	−35 14 51.7	8.68		G	108.692 718 17	−35.247 694 48		4.15	−9.85	8.28	0.55	0.73	0.81	0.68	0.94	+0	−2	+0	−19	−5	−7	−5	−5	+3	−4	0	1.12
35031		07 14 46.91	−37 14 43.5	7.23		H	108.695 444 93	−37.245 410 58		1.05	−4.60	4.14	0.42	0.48	0.59	0.46	0.59	+9	−3	−2	+2	−4	+18	−4	+10	−8	+9	0	1.64
35032		07 14 47.51	+29 59 37.1	9.22		H	108.697 963 89	+29.993 637 08		4.50	−24.56	−0.14	1.48	0.73	1.48	1.63	0.98	+5	+44	−4	+14	+4	+15	+10	−35	+0	+20	0	−1.69
35033	H	07 14 48.05	+52 32 44.1	7.30		G	108.700 228 05	+52.545 593 21	A	3.19	2.98	−2.99	1.57	1.34	1.61	1.73	1.33	−35	+17	−26	−13	+5	+0	+6	−37	+7	−11	1	0.72
*35034		07 14 48.30	−15 28 17.9	7.60		H	108.701 267 33	−15.471 634 26	C	10.18	22.57	−40.22	20.05	20.25	2.01	1.33	1.69	−11	+7	+1	−11	−5	−21	−4	+1	−24	+2	1	0.02
*35035	H	07 14 48.26	−15 28 33.5	7.28		G	108.701 075 29	−15.475 976 92	A	10.18	22.57	−40.22	2.49	2.82	2.01	1.33	1.69	−14	+12	−19	−8	+12	−21	+12	−9	−24	+2	1	0.02
*35036	H	07 14 48.28	−21 01 26.7	8.30	2	H	108.701 160 22	−21.024 070 05	A	0.68	−3.60	3.70	1.60	1.58	1.94	1.82	1.71	−27	+3	−10	−24	+6	−6	+10	−20	+13	−40	2	2.95
35037		07 14 48.66	−26 46 21.7	4.01	2	H	108.702 756 79	−26.772 686 01		3.53	−11.50	7.67	0.34	0.40	0.58	0.42	0.50	+17	+4	−11	+18	−4	+10	−1	+0	+12	+24	1	−1.69
35038		07 14 49.54	−00 55 40.8	10.32		H	108.706 426 25	−00.927 988 76		−0.59	−0.54	2.00	1.56	1.14	1.75	2.28	1.47	+16	+1	−28	−44	−26	+11	−22	−52	+18	+33	6	−1.04
35039	H	07 14 50.09	−01 22 32.6	7.85		G	108.708 697 42	−01.375 709 60	A	0.94	0.69	0.25	2.16	1.49	1.54	1.88	1.28	−16	+6	−7	−40	+17	−11	+20	−38	+1	−29	2	0.30
35040		07 14 50.66	−41 10 07.5	7.56		G	108.711 094 65	−41.168 759 56		5.08	−13.44	6.26	0.47	0.51	0.59	0.49	0.63	+10	+3	+2	+12	−5	+3	−8	+15	−12	+10	0	−0.56
35041		07 14 50.69	+18 33 42.9	7.74		H	108.711 217 74	+18.561 916 80		1.34	−4.19	3.07	1.02	0.48	1.02	1.36	0.82	+18	+34	−12	+17	−2	+4	+15	−30	+24	+40	0	1.89
35042		07 14 50.70	+75 00 07.7	8.98		H	108.711 248 54	+75.002 142 02		1.24	−1.32	−2.09	0.72	0.84	1.10	0.77	0.96	+23	+27	+8	+21	−5	+15	−5	+3	+5	+25	0	0.70
35043		07 14 51.08	+07 13 30.2	7.73		H	108.712 841 44	+07.225 061 15		1.79	−0.18	−14.75	0.81	0.48	0.94	1.04	0.65	−1	+35	−11	−31	−11	−24	−11	−35	−4	+32	0	2.54
35044		07 14 51.19	−27 02 16.5	5.58		G	108.713 284 10	−27.037 923 55		11.96	−40.79	−29.65	0.37	0.45	0.64	0.47	0.61	+15	+1	−13	+18	+3	+8	+5	+7	−4	+21	0	−1.73
35045		07 14 52.05	+68 48 15.3	7.69	2	H	108.716 873 38	+68.804 236 69	*	1.24	12.84	14.63	0.59	0.69	1.02	0.60	0.86	+19	+7	−4	−8	−9	+4	−3	−13	+11	+35	0	0.70
35046		07 14 52.37	+23 06 39.8	8.18		H	108.718 200 84	+23.111 051 61		3.52	−20.97	−3.06	0.95	0.57	1.04	1.07	0.73	−4	+21	−16	−1	−4	+4	+2	−35	+21	+4	0	−0.16
35047		07 14 52.45	−43 43 28.2	9.19		H	108.718 522 32	−43.724 505 36		3.16	2.74	19.21	0.66	0.77	0.82	0.74	0.96	+1	−5	−1	−4	−10	−2	−12	−19	+10	−3	0	0.82
35048		07 14 53.06	+31 29 05.2	9.01		H	108.721 084 25	+31.484 766 63		4.20	−4.09	−10.42	1.47	0.63	1.48	1.72	0.91	−6	+50	−19	+22	−28	+19	+1	−42	+20	+37	0	0.52
35049		07 14 54.11	+62 08 12.5	7.82		G	108.725 445 42	+62.136 805 80		5.73	−3.33	−41.17	0.70	0.60	0.89	0.86	0.69	+5	+25	−5	+28	−1	+1	−2	−30	−6	+7	0	1.81
35050		07 14 54.57	−09 03 55.4	9.47		H	108.727 394 61	−09.065 397 18		−2.13	−2.95	1.37	1.31	1.04	1.60	1.45	1.08	+25	+15	−43	−52	−41	+18	−29	−58	+41	+53	0	0.82
35051		07 14 55.11	−28 57 52.0	7.38		H	108.729 641 84	−28.964 446 57		1.40	−5.16	3.65	0.43	0.53	0.73	0.53	0.65	+17	−5	−20	+13	−10	+10	−9	−11	+21	+17	0	−1.35
35052		07 14 56.36	−68 04 15.0	8.08		H	108.734 831 35	−68.070 834 28		14.39	21.69	−128.59	0.60	0.50	0.58	0.62	0.51	+2	+25	+11	−1	−6	−6	−4	−7	+8	−20	1	0.29
35053		07 14 56.69	+14 00 10.6	8.81		H	108.736 189 76	+14.002 954 66		1.79	−4.67	−3.43	1.28	0.64	1.41	1.25	0.78	+19	+52	+4	−37	−16	−38	−15	−45	+3	+11	0	−1.47
35054		07 14 57.15	−41 25 35.1	5.95		H	108.738 126 57	−41.426 417 55		5.91	3.39	9.56	0.39	0.42	0.48	0.42	0.51	+12	+3	+0	+1	−11	+8	−12	+15	−4	+9	0	−0.66
35055		07 14 57.50	−02 05 22.6	8.80		H	108.739 567 06	−02.089 598 71		3.05	−5.80	−2.83	1.02	0.70	1.16	1.07	0.82	−14	+35	−7	−30	+4	−18	+2	−34	−1	−13	0	0.56
35056		07 14 57.79	−81 13 23.0	8.50		H	108.740 805 81	−81.223 068 21		6.30	−21.42	32.75	0.62	0.58	0.67	0.73	0.64	+2	+22	+3	−3	−6	+9	−1	+8	+11	−13	0	0.48
35057		07 14 59.19	−07 40 49.1	7.69		G	108.746 625 05	−07.680 291 91		1.57	−8.08	3.48	0.84	0.60	0.95	0.86	0.61	+3	+26	+16	−22	+13	+4	+13	−35	−1	+8	0	0.22
35058		07 14 59.78	−32 48 10.8	8.78		H	108.749 083 64	−32.803 008 10		8.00	−38.30	15.17	0.64	0.90	0.99	0.75	1.18	+4	+0	−1	+28	+3	+12	+0	−1	+12	−7	0	1.09
35059		07 14 59.92	−11 52 13.5	8.30		H	108.749 649 31	−11.870 417 33		1.73	−5.61	4.13	0.90	0.71	1.00	0.97	0.80	+20	+6	−21	−43	−10	−5	−11	−36	−4	+8	0	−2.31
35060	H	07 15 00.64	−02 49 24.5	7.83		H	108.752 653 11	−02.823 485 24	A	1.29	−0.26	−4.11	2.20	1.45	2.26	2.11	1.58	−5	+47	−22	−41	−8	−17	−7	−41	+1	+21	1	1.07
35061		07 15 00.74	−28 17 58.8	9.60		H	108.753 074 85	−28.299 680 12		0.60	−4.10	6.43	0.71	0.96	1.20	0.85	1.37	+18	+9	−14	+17	−1	−1	−3	+14	−10	+26	0	−0.76
35062		07 15 01.62	+11 00 46.6	8.39		H	108.756 760 97	+11.012 953 52	A	0.99	−3.42	−3.03	1.91	1.14	1.64	1.91	1.27	−23	+26	−13	−31	−1	−4	+2	−36	+13	−2	0	−0.52
35063		07 15 01.74	+11 01 07.7	12.20		H	108.757 262 02	+11.018 793 73	B	0.99	−3.42	−3.03	185.84	100.65	1.64	1.91	1.27	−22	+14	+1	−4	−3	−4	−2	+1	+13	−2	0	−0.52
35064		07 15 02.97	+29 50 58.6	8.71		H	108.762 393 93	+29.849 609 28		2.55	−6.66	−4.34	1.38	0.71	1.38	1.55	0.89	−7	+45	−8	+14	+7	+11	+19	−38	+5	+21	0	1.21
35065		07 15 03.25	+26 00 43.7	10.46		H	108.763 538 87	+26.012 134 10	B	7.35	−3.21	−2.39	14.23	7.27	7.48	9.12	6.04	+14	+29	−10	−25	−29	−4	−28	−34	+13	+15	2	0.10
35066		07 15 03.50	+26 00 16.8	9.33		H	108.764 583 03	+26.004 670 70	A	5.60	−11.96	−14.30	3.86	2.18	2.93	3.66	2.33	+22	+30	−8	−43	−29	−10	−29	−48	+12	+17	2	0.10
35067		07 15 03.75	−38 34 51.3	9.08		H	108.765 620 94	−38.580 919 00		0.95	1.38	9.52	0.71	0.77	0.95	0.74	0.99	+4	+22	−4	−14	+2	−11	−1	+11	−17	+4	1	0.93
35068		07 15 06.61	+16 40 24.2	8.33		H	108.777 523 35	+16.673 376 55		3.15	−1.79	−3.61	1.04	0.56	1.00	1.09	0.75	+13	+21	+13	−40	+6	−2	−1	−62	−15	−8	0	1.67
35069		07 15 06.61	+57 16 37.8	8.37		H	108.777 550 13	+57.277 164 26		19.02	111.40	−76.80	0.78	0.54	1.07	0.89	0.63	+2	+21	−24	+54	+16	−3	+5	+4	+3	−14	0	−0.14
35070	H	07 15 07.97	+25 52 49.4	8.34		H	108.783 200 19	+25.880 375 50	A	3.77	−38.34	0.78	3.84	2.47	2.97	3.67	2.22	+14	−1	−15	−20	−13	−3	−12	−26	−2	+2	2	−0.25
35071		07 15 08.66	+15 55 46.4	11.49		G	108.786 093 85	+15.929 566 22		21.84	211.80	−172.32	2.95	1.61	3.27	3.51	2.29	−7	+14	+9	−23	+16	−12	+14	−58	−9	−16	3	−0.45
35072		07 15 08.73	−14 36 34.0	6.97		H	108.786 366 72	−14.609 450 54		2.53	−18.74	0.21	0.56	0.57	0.90	0.61	0.68	−9	+23	−33	+15	+26	−20	+22	+10	−15	+23	0	−0.91
35073		07 15 09.38	+67 38 55.3	9.13		H	108.789 094 29	+67.648 707 94		8.07	−7.41	−72.34	0.77	0.88	1.15	0.67	0.99	+1	+18	−3	−54	−6	−2	−5	−60	+9	+6	0	0.22
35074		07 15 11.20	+23 14 16.7	8.68		H	108.796 668 85	+23.237 980 48		3.24	−5.80	−0.98	1.03	0.63	1.14	1.15	0.79	−10	+27	−24	−5	−7	+6	−1	−33	+16	+4	0	0.60
35075		07 15 11.85	−36 13 32.3	7.39		H	108.799 383 39	−36.225 642 00		3.42	−11.37	6.26	0.44	0.54	0.64	0.53	0.68	−2	−7	−15	+0	−10	+23	−7	+7	−5	+1	0	0.12
35076		07 15 12.26	+49 05 20.6	9.94		H	108.801 076 28	+49.089 051 31		2.42	8.02	−23.80	1.28	1.04	1.62	1.59	1.03	−1	+34	−31	−28	−30	+13	−15	−56	+11	+31	0	1.74
35077		07 15 14.99	+05 49 06.5	7.40		H	108.812 455 24	+05.818 464 04		2.19	−4.21	−0.60	0.81	0.49	0.92	0.81	0.54	+1	+38	−16	−44	−14	−25	−13	−45	+13	+6	2	1.86
35078		07 15 15.65	+53 40 05.7	9.23		H	108.815 203 19	+53.668 254 19		2.92	−2.65	−19.13	1.04	0.86	1.36	1.35	1.08	−20	+21	−16	−2	−17	+8	−10	−34	+7	−7	0	0.17
120047		07 15 18.66	−31 54 34.9	9.24		G	108.827 766 81	−31.909 686 10		0.66	−3.85	3.85	0.69	0.89	1.09	0.88	1.09	+1	−5	−7	+5	−12	−8	−13	−1	+14	−2	1	−0.21
35079		07 15 19.05	−28 21 52.8	7.64	1	H	108.829 386 84	−28.364 667 79		4.31	−2.08	0.30	0.50	0.64	0.85	0.57	0.73	+18	+0	−12	+10	−9	+4	−8	−4	+16	+15	0	−0.17
35080		07 15 19.41	−00 09 40.7	6.42		G	108.830 883 79	−00.161 292 99		6.15	−8.17	4.01	0.85	0.56	0.92	0.79	0.53	+12	+38	−8	−46	−14	−24	−14	−49	+6	+3	0	1.72
35081		07 15 19.81	−31 56 19.3	8.65		H	108.832 524 26	−31.938 686 75		3.96	3.93	−19.93	0.64	0.85	1.04	0.80	1.04	+3	−3	−8	+1	−10	−4	−10	−3	+15	+0	0	1.32
35082	H	07 15 19.92	+18 48 52.6	8.10		H	108.832 999 67	+18.814 599 83	*	0.48	−6.41	−8.53	0.93	0.46	0.98	1.19	0.72	+13	+30	−10	+14	+0	−14	+9	−28	+21	+20	0	2.81
35083		07 15 21.08	−30 41 11.3	5.36		H	108.837 834 35	−30.686 474 53		5.05	−13.01	11.43	0.37	0.44	0.57	0.46	0.54	+14	+13	−13	+6	−4	+4	−1	−7	+21	+15	1	0.72
35084		07 15 21.27	−52 29 58.3	5.96		G	108.838 615 19	−52.499 517 81		8.39	−42.22	120.13	0.47	0.46	0.51	0.51	0.56	−6	+21	−8	+2	−13	+1	−15	+23	−12	−9	0	2.50
35085		07 15 21.53	+57 17 57.0	7.74	2	H	108.839 715 87	+57.299 160 34		2.88	−4.37	−3.00	0.72	0.51	0.98	0.79	0.57	−4	+28	−24	+45	+17	+3	+11	−8	+1	−10	0	0.18
35086	H	07 15 22.65	+19 03 43.9	8.47		H	108.844 366 09	+19.062 203 33	A	6.08	−16.01	−27.15	1.77	0.95	1.68	1.86	1.25	+4	+20	−14	−23	−6	−6	−6	−40	+27	−6	0	−0.44
35087		07 15 22.69	+02 04 28.6	8.94		H	108.844 556 41	+02.074 614 46		1.43	−7.70	−3.87	1.15	0.70	1.37	1.21	0.95	+9	+45	−9	−36	−16	−34	−19	−30	+9	−7	2	−1.18
35088		07 15 22.94	−17 29 08.1	11.90		H	108.845 583 59	−17.485 572 58		−0.17	3.91	−18.86	4.08	3.94	5.89	5.45	5.55	−49	+38	−35	+11	+27	−5	+23	−3	−18	−19	0	−1.58
35089		07 15 23.88	−25 55 32.0	8.07		H	108.849 517 01	−25.925 565 06		1.56	−1.45	6.62	0.43	0.58	0.87	0.49	0.77	+16	+3	−16	+23	−4	+9	+0	−10	+7	+26	2	−0.75
35090		07 15 24.00	−42 05 16.9	7.00		G	108.849 999 08	−42.088 031 05		3.97	−10.65	6.39	0.44	0.47	0.53	0.46	0.55	+11	+2	+2	−1	−13	+6	−14	+13	−4	+8	1	1.47
35091		07 15 24.17	−77 01 45.4	8.81		G	108.850 716 38	−77.029 273 11		26.13	123.20	−70.41	0.81	0.73	0.83	1.03	0.94	−12	+17	+4	−31	+11	−15	+9	−23	−19	−25	0	0.29
35092		07 15 26.27	−10 53 23.6	8.58		H	108.859 471 46	−10.889 884 07		9.28	−36.67	−0.24	0.95	0.75	1.12	1.18	0.84	+18	+24	−15	−34	−19	−6	−17	−35	+7	+22	0	−0.11
35093		07 15 26.73	+40 15 35.4	9.64		H	108.861 378 03	+40.259 842 55		9.41	10.08	−28.41	1.35	0.95	1.70	2.13	1.53	−24	+4	−15	−3	+3	+31	+15	−48	+35	+3	0	1.68
35094		07 15 28.66	−36 33 39.2	7.67		H	108.869 429 79	−36.560 881 80		2.84	9.32	4.93	0.52	0.60	0.73	0.60	0.75	+1	−8	−10	−3	−4	+12	−2	−3	−16	−5	1	0.05
35095		07 15 29.11	−58 32 33.5	6.84	1	H	108.871 273 31	−58.542 639 84		7.18	−26.04	7.07	0.48	0.49	0.51	0.58	0.59	−10	−5	+17	+4	−8	−2	−7	−4	−4	−13	1	0.80
35096		07 15 29.23	−48 13 49.4	7.67		G	108.871 811 51	−48.230 401 83		25.50	−138.34	162.48	0.61	0.62	0.69	0.72	0.79	−5	+2	+7	−32	+3	+11	+7	+9	−5	−18	3	0.59
35097		07 15 29.36	+78 30 32.7	10.14		H	108.872 330 36	+78.509 079 14		2.28	−6.09	4.42	1.06	0.99	1.43	1.21	1.24	+15	+41	+16	−7	−2	−9	+7	+2	+19	+11	0	0.37
35098		07 15 29.42	+00 47 34.7	8.09		G	108.872 591 57	+00.792 961 05		11.38	11.91	−30.63	0.91	0.61	1.02	0.93	0.63	+13	+22	−22	−30	−18	−13	−18	−38	+21	+1	0	0.88
35099		07 15 29.65	+23 51 23.9	7.89		H	108.873 533 56	+23.856 632 32		4.24	−2.08	−7.79	1.02	0.66	1.11	1.38	0.78	+7	+20	−31	−22	−26	−2	−16	−46	+16	+41	0	1.16
35100	H	07 15 29.79	+44 27 41.4	10.00		H	108.874 127 66	+44.461 488 55	A	10.10	−6.36	−62.62	3.39	2.46	3.33	3.47	2.51	−40	+30	−26	−10	−2	+12	+11	−47	+10	−26	1	0.45

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
35001	10.854	0.042	9.103	0.016		1.460	0.036	T	1.47	0.06	L	9.1013	0.0024	0.021	137		9.06	9.13					1							
35002	11.248	0.056	10.059	0.029		1.018	0.049	T	0.99	0.04	L	10.2157	0.0029	0.038	224		10.15	10.28					1 X							G
35003	8.972	0.011	7.864	0.008		0.955	0.011	T	0.94	0.01	L	7.9341	0.0013	0.015	167		7.91	7.96					1							
35004	7.172	0.005	7.352	0.006	A	−0.164	0.008	G	−0.17	0.01	H *	7.3107	0.0012	0.013	154	*	7.29	7.33			07145−1959	I 1	2 C C	AB	150	3.509	0.047	3.70	0.12	S
35005	6.996	0.003	5.816	0.003		1.007	0.002	G	0.90	0.04	E	5.8701	0.0005	0.005	160		5.86	5.88					1							S
35006	8.334	0.009	8.132	0.010		0.182	0.015	G	0.20	0.02	H	8.1798	0.0014	0.011	119		8.16	8.20		C			1							S
35007	11.878	0.069	10.126	0.023		1.461	0.058	T	1.47	0.09	L	10.1643	0.0036	0.046	247		10.08	10.22		R			1 S							G
35008	7.549	0.006	7.657	0.010		−0.093	0.010	T	−0.07	0.01	L	7.6521	0.0011	0.009	118		7.64	7.67		C			1							S
35009	8.568	0.008	8.669	0.011		−0.087	0.012	T	−0.07	0.01	L	8.6723	0.0018	0.022	219		8.64	8.72		M			1							
35010	7.754	0.009	7.851	0.011		−0.089	0.015	G	−0.07	0.02	H	7.8374	0.0009	0.009	89		7.82	7.85		C			1							S
35011	9.286	0.015	7.362	0.007		1.597	0.013	T	1.62	0.01	L	7.2844	0.0016	0.012	113		7.27	7.31					1							S
35012	7.285	0.004	7.321	0.004		−0.030	0.005	T	−0.01	0.01	L	7.3203	0.0010	0.013	254		7.30	7.34			07146−2518	I 1	1							S
35013	8.097	0.007	8.211	0.009		−0.082	0.015	G	−0.06	0.02	H	8.2047	0.0011	0.012	128		8.19	8.22		C			1							
35014	7.933	0.008	7.802	0.011	*	0.070	0.015	G	0.08	0.02	H *	7.8698	0.0014	0.013	144	*	7.85	7.89		D	07146−3130	I 1	2 C A	AB	9	7.775	0.007	2.12	0.03	S
35015						3.000	0.015	G	3.01	0.01	J	11.3557	0.0108	0.124	101		11.13	11.53		U 2			1 X S							G
35016	9.411	0.023	8.221	0.015		1.033	0.006	G	1.01	0.01	H	8.2403	0.0017	0.013	89		8.21	8.26		C			1							
35017	7.895	0.007	7.016	0.005		0.784	0.006	T	0.82	0.00	L	7.0693	0.0009	0.011	149		7.05	7.09					1							S
35018	9.731	0.019	9.187	0.018		0.490	0.015	G	0.56	0.02	H	9.2243	0.0022	0.023	121		9.18	9.27		C			1							
35019	8.659	0.009	8.076	0.009		0.561	0.015	G	0.63	0.01	H	8.1438	0.0010	0.010	131		8.13	8.17					1							S
35020	4.645	0.002	4.736	0.003		−0.091	0.002	G	−0.07	0.02	A	4.7296	0.0005	0.004	104		4.72	4.74			07146−4816	I 1	1							S
35021	9.251	0.018	9.108	0.022		0.138	0.027	T	0.15	0.03	L	9.1606	0.0038	0.028	77		9.11	9.20		U			1							
35022	9.476	0.019	8.682	0.016		0.700	0.015	G	0.75	0.01	H	8.7369	0.0019	0.017	96		8.71	8.76		C			1							
35023	9.126	0.024	9.151	0.033		−0.021	0.036	T	0.00	0.04	L	9.1536	0.0025	0.020	69		9.12	9.18		C			1							D
35024	8.778	0.013	7.935	0.010		0.749	0.015	G	0.79	0.01	H	7.9880	0.0012	0.012	113		7.97	8.01		C			1							S
35025	7.848	0.010	6.016	0.005		1.554	0.005	G	1.67	0.04	E	5.9465	0.0015	0.009	82		5.93	5.96			07147+2453	I 1	1							S
35026	7.046	0.004	7.264	0.005		−0.177	0.006	G	−0.18	0.01	H	7.2323	0.0009	0.013	233		7.21	7.25					1							S
35027	8.729	0.012	8.375	0.013		0.371	0.006	G	0.43	0.01	H	8.4461	0.0019	0.013	76		8.43	8.47		C			1							S
35028	8.502	0.009	8.394	0.011		0.098	0.013	T	0.11	0.01	L	8.4185	0.0015	0.017	116		8.40	8.44		C			1							
35029	5.583	0.003	5.699	0.004		−0.109	0.002	G	−0.09	0.00	H	5.6878	0.0021	0.014	89		5.67	5.71	2.06	P 1 A			1							S P
35030	8.683	0.011	8.681	0.014		−0.005	0.001	G	0.02	0.00	H	8.6892	0.0018	0.015	112		8.66	8.72		C			1							
35031	6.995	0.005	7.204	0.006		−0.175	0.005	G	−0.18	0.01	H	7.1709	0.0009	0.009	128		7.16	7.19		C			1							S
35032	10.087	0.034	9.289	0.028		0.723	0.034	T	0.77	0.02	L	9.3610	0.0026	0.020	86		9.32	9.39		C			1							
35033	7.785	0.023	7.505	0.027	A	0.311	0.015	G	0.36	0.02	H *	7.3767	0.0014	0.009	87	*	7.36	7.40		D	07147+5233	I 1	2 C A	AB	278	1.582	0.008	0.68	0.02	S
35034	10.478	0.057	9.894	0.054	C	0.620	0.015	G	0.69	0.01	H	7.7261	0.0690	0.447	79	–	7.35	9.22		D	07148−1528	I 2	1 C F B							G
35035	7.828	0.010	7.380	0.011	*	0.432	0.004	G	0.50	0.00	R *	7.3328	0.0032	0.027	82	–	7.30	7.39		D	07148−1528	I 2	2 C P B	AB	96	0.600	0.003	0.22	0.02	S G
35036	7.999	0.018	8.007	0.030	*	−0.006	0.031	T	0.01	0.03	L *	8.3102	0.0027	0.043	132	*	8.28	8.46	1.96	P 1 A	07148−2101	I 1	2 C A	AB	6	1.461	0.006	0.84	0.02	
35037	3.826	0.003	4.011	0.003		−0.150	0.220	G	−0.08	0.02	A	3.9854	0.0011	0.018	177		3.75	4.00		U 2 C			1							S P
35038	10.239	0.037	10.362	0.067		−0.107	0.068	T	−0.09	0.08	L	10.2911	0.0042	0.026	79		10.25	10.34					1							G
35039	8.836	0.015	7.957	0.012	*	0.818	0.015	G	0.84	0.01	H *	7.9939	0.0011	0.009	87	*	7.98	8.01		D	07148−0123	I 1	2 C A	AB	141	0.384	0.006	1.37	0.03	S
35040	7.460	0.006	7.535	0.007		−0.076	0.005	G	−0.06	0.01	H	7.5402	0.0012	0.010	129		7.53	7.56					1							S
35041	9.143	0.014	7.843	0.009		1.100	0.020	G	1.06	0.02	H	7.9030	0.0010	0.010	117		7.89	7.92		C			1							
35042	11.026	0.041	9.190	0.015		1.527	0.035	T	1.57	0.08	L	9.1000	0.0022	0.025	160		9.06	9.14		C			1							
35043	9.636	0.020	7.877	0.009		1.466	0.017	T	1.48	0.03	L	7.8608	0.0013	0.011	102		7.84	7.88		C			1							
35044	7.177	0.005	5.722	0.002		1.220	0.000	G	1.17	0.04	E	5.7432	0.0008	0.009	181		5.73	5.76					1							S
35045	9.669	0.013	7.962	0.007		1.453	0.012	T	3.03	0.03	O	7.5787	0.0079	0.113	185		7.37	7.85		U 2 C			1 V							S
35046	9.687	0.021	8.306	0.012		1.169	0.019	T	1.13	0.02	L	8.3418	0.0024	0.019	99		8.30	8.37		R			1							
35047	9.311	0.017	9.175	0.021		0.123	0.025	T	0.14	0.03	L	9.2366	0.0021	0.016	109		9.21	9.27		C			1							
35048	9.105	0.016	9.001	0.020		0.101	0.024	T	0.11	0.03	L	9.0539	0.0018	0.016	96		9.02	9.08		C			1							
35049	8.660	0.011	7.902	0.009		0.719	0.015	G	0.77	0.01	H	7.9562	0.0016	0.018	107		7.94	7.99					1							S
35050	9.463	0.020	9.517	0.029		0.020	0.015	G	0.04	0.01	H	9.4842	0.0029	0.020	79		9.45	9.52					1							G
35051	7.151	0.005	7.344	0.007		−0.173	0.010	G	−0.18	0.01	H	7.3163	0.0011	0.013	165		7.29	7.34					1							S
35052	8.895	0.022	8.164	0.018		0.656	0.022	T	0.72	0.02	L	8.2167	0.0009	0.010	106		8.20	8.24					1							S
35053	8.749	0.012	8.816	0.016		−0.057	0.017	T	−0.04	0.02	L	8.8019	0.0013	0.012	94		8.78	8.83		D			1							
35054	5.752	0.002	5.919	0.003		−0.146	0.003	T	−0.14	0.00	L	5.8946	0.0006	0.006	128		5.89	5.91		C			1							S
35055	10.024	0.028	8.903	0.018		0.965	0.026	T	0.95	0.02	L	8.9565	0.0016	0.015	84		8.92	8.99		C			1							
35056	8.821	0.012	8.518	0.012		0.288	0.016	T	0.33	0.02	L	8.5744	0.0014	0.014	119		8.55	8.60		C			1							
35057	7.571	0.007	7.681	0.010		−0.090	0.001	G	−0.07	0.00	H	7.6680	0.0013	0.011	83		7.65	7.69		C			1							S
35058	9.691	0.021	8.823	0.017		0.760	0.021	T	0.80	0.01	L	8.9197	0.0017	0.016	111		8.89	8.94		C			1							
35059	8.196	0.011	8.270	0.014		−0.077	0.004	G	−0.06	0.01	H	8.2745	0.0013	0.011	73		8.25	8.29		D			1							
35060	8.160	0.010	7.915	0.009	A	0.100	0.495	G	0.26	0.06	L *	7.9005	0.0015	0.013	90	–	7.88	7.93		D	07150−0249	I 1	3 C B							S G
35061	9.524	0.016	9.567	0.022		−0.035	0.025	T	−0.01	0.03	L	9.6016	0.0027	0.027	173		9.56	9.65					1							G
35062	8.260	0.009	8.352	0.012	A	−0.079	0.013	T	−0.06	0.01	L	8.3719	0.0233	0.013	121	A	8.34	8.39		D	07150+1101	I 2	1 C P D							S D
35063											T	11.9598	0.5099			B				D	07150+1101	I 2	1 C F D							D
35064	10.555	0.053	8.851	0.022		1.423	0.045	T	1.41	0.07	L	8.8495	0.0027	0.017	76		8.82	8.87					1							
35065	11.495	0.136	10.433	0.083	B	0.921	0.120	T	0.92	0.09	L	10.6660	0.0222			B				D	07151+2600	I 2	1 C I D							D
35066	9.634	0.027	9.361	0.030	A	0.260	0.038	T	0.29	0.05	L	9.3983	0.0101	0.035	77	A	9.34	9.45		R	07151+2600	I 2	1 C P D							D
35067	11.081	0.054	9.272	0.018		1.506	0.045	T	1.54	0.07	L	9.2073	0.0021	0.021	128		9.17	9.24					1							
35068	8.341	0.009	8.312	0.011		0.031	0.013	T	0.05	0.01	L	8.3449	0.0010	0.011	134		8.33	8.36		C			1							
35069	9.086	0.012	8.420	0.010		0.617	0.013	T	0.69	0.01	L	8.5050	0.0017	0.017	140		8.47	8.53			07151+5717	I 1	1							S
35070	8.929	0.017	8.421	0.017	*	0.477	0.022	T	0.55	0.02	L *	8.4484	0.0018	0.012	72	*	8.43	8.47		D	07151+2553	I 1	2 C A	AB	303	0.452	0.006	0.18	0.02	S
35071						0.940	0.015	G	0.99	0.02	I	11.5888	0.0057	0.055	109		11.50	11.68					1 S							G
35072	8.678	0.013	7.091	0.007		1.330	0.012	T	1.29	0.01	L	7.1212	0.0011	0.009	112		7.10	7.14		C			1							S
35073	9.819	0.018	9.187	0.016		0.587	0.021	T	0.66	0.02	L	9.2573	0.0017	0.023	189		9.22	9.29					1							
35074	10.110	0.028	8.823	0.016		1.095	0.025	T	1.06	0.03	L	8.8457	0.0019	0.016	89		8.82	8.88					1							
35075	7.270	0.005	7.377	0.007		−0.085	0.002	G	−0.07	0.00	H	7.3669	0.0009	0.009	127		7.35	7.38		C			1							S
35076	10.793	0.055	10.004	0.043		0.716	0.054	T	0.77	0.04	L	10.0813	0.0023	0.022	91		10.04	10.12		C			1							G
35077	7.281	0.007	7.394	0.008		−0.098	0.009	T	−0.08	0.01	L	7.3736	0.0011	0.010	91		7.36	7.39					1							S
35078	9.761	0.026	9.251	0.026		0.479	0.033	T	0.55	0.04	L	9.3338	0.0024	0.017	75		9.31	9.37		C			1							
120047	9.163	0.015	9.172	0.020		−0.060	0.015	G	−0.04	0.01	H	9.2280	0.0022	0.020	117		9.20	9.26					1							
35079	8.685	0.009	7.740	0.007		0.833	0.008	T	0.85	0.01	L	7.7949	0.0016	0.018	175		7.77	7.82		M			1							S
35080						0.901	0.004	G	0.76	0.04	E	6.5768	0.0009	0.005	89		6.56	6.59		C	07153−0010	I 1	1 S							S
35081	10.091	0.026	8.764	0.015		1.150	0.015	G	1.11	0.01	H	8.8137	0.0019	0.016	120		8.79	8.84		C			1							
35082	8.430	0.011	8.118	0.012	*	0.296	0.015	T	0.34	0.02	L *	8.1728	0.0010	0.010	114	*	8.16	8.19		D	07153+1849	H 1	2 C S A	AB	356	0.161	0.004	0.77	0.19	S
35083	5.145	0.002	5.325	0.002		−0.155	0.002	T	−0.15	0.00	L	5.3004	0.0006	0.007	162		5.29	5.31					1							S
35084	7.374	0.006	6.083	0.004		1.099	0.001	G	1.04	0.04	E	6.1274	0.0008	0.007	102		6.11	6.14					1							S
35085	9.894	0.019	7.945	0.008		1.652	0.017	T	2.12	0.05	O	7.8081	0.0019	0.021	136		7.77	7.84		U 2			1							S
35086	8.912	0.012	8.564	0.013	A	0.800	0.495	G	0.46	0.06	L *	8.5623	0.0016	0.012	109	*	8.55	8.59		D	07154+1904	I 1	2 C A	AB	290	2.224	0.038	3.24	0.13	S
35087	10.600	0.041	9.055	0.019		1.297	0.036	T	1.26	0.04	L	9.0877	0.0016	0.016	89		9.06	9.11		C			1							
35088						2.677	0.400	G	2.68	0.41	J	11.8840	0.0103	0.081	110		11.77	12.04					1							D
35089	7.954	0.007	8.049	0.009		−0.082	0.010	T	−0.06	0.01	L	8.0472	0.0012	0.015	223		8.02	8.07					1							
35090	6.912	0.004	6.989	0.005		−0.067	0.002	G	−0.04	0.00	H	6.9828	0.0008	0.008	128		6.97	7.00		C	07154−4205	I 1	1							S
35091	10.055	0.025	8.876	0.016		0.940	0.003	G	0.99	0.00	I	8.9469	0.0025	0.020	104		8.92	8.98					1 G							
35092	9.809	0.023	8.716	0.016		0.944	0.021	T	0.93	0.01	L	8.7430	0.0020	0.013	74		8.72	8.76		C			1							
35093	10.500	0.048	9.656	0.035		0.758	0.045	T	0.80	0.03	L	9.7927	0.0023	0.021	84		9.75	9.84		C			1							
35094	9.788	0.023	7.853	0.010		1.590	0.015	G	1.76	0.10	N	7.7656	0.0018	0.013	114		7.74	7.79					1							
35095	7.156	0.004	6.876	0.004		0.266	0.005	T	0.30	0.01	L	6.9156	0.0011	0.011	121		6.90	6.96		U 2			1 G							S
35096	8.391	0.011	7.732	0.010		0.604	0.007	G	0.67	0.01	H	7.7993	0.0013	0.012	113		7.78	7.82					1							S
35097	10.568	0.034	10.182	0.038		0.365	0.047	T	0.43	0.05	L	10.2241	0.0031	0.026	127		10.19	10.27		C			1							G
35098	8.552	0.014	8.110	0.014		0.435	0.015	G	0.50	0.02	H	8.1808	0.0020	0.013	81		8.16	8.21		C			1							
35099	9.038	0.019	7.995	0.014		0.906	0.018	T	0.91	0.01	L	8.0502	0.0017	0.011	67		8.03	8.07					1							S
35100	10.982	0.047	10.086	0.034	*	0.797	0.043	T	0.83	0.03	L *	10.1570	0.0031	0.027	109	*	10.10	10.21		C	07155+4428	H 1	2 C C	AB	58	0.558	0.051	2.94	0.20	G

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α deg (ICRS) (8)	δ deg (9)	(10)	π mas (11)	μα* mas/yr (12)	μδ mas/yr (13)	α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	F1 % (29)	F2 (30)
35101		07 15 30.19	+09 29 51.4	7.26		G	108.875 790 31	+09.497 613 22		10.76	−37.19	−27.19	0.72	0.42	0.84	0.83	0.60	−17	+38	−13	−20	+3	−23	+0	−30	+11	−29	0	−0.62
35102	H	07 15 30.81	−75 51 54.3	7.49		G	108.878 389 49	−75.865 095 95	B	14.28	9.75	90.30	1.86	2.07	1.37	1.33	1.60	+21	+12	+3	−1	−4	+3	−5	−20	+8	−12	10	1.50
35103		07 15 30.89	+06 37 15.4	8.52		H	108.878 693 91	+06.620 933 98		0.08	3.16	−3.01	1.05	0.61	1.13	1.17	0.79	−5	+23	−11	−49	−4	−27	−10	−42	+0	+0	3	3.44
35104		07 15 31.67	+51 26 56.8	7.26		H	108.881 975 50	+51.449 112 91		6.00	3.15	−24.03	0.78	0.62	0.90	1.02	0.72	−14	+11	+8	−27	−2	+17	−4	−48	−22	−20	0	−0.62
35105		07 15 32.25	+59 46 30.0	7.16		H	108.884 378 56	+59.775 011 14		5.26	−11.33	−34.40	0.69	0.51	0.93	0.77	0.58	+2	+21	−14	+43	+22	−8	+12	−19	−11	−5	2	−0.46
35106		07 15 33.68	+21 58 00.0	7.02	1	H	108.890 340 16	+21.966 659 60		2.52	−3.96	−9.88	0.80	0.51	0.88	0.91	0.61	+0	+19	−3	−7	+10	−20	+5	−41	−23	+5	0	−0.04
35107	H	07 15 34.32	−01 51 36.5	7.59		G	108.892 999 17	−01.860 126 33	A	4.76	9.08	−29.01	1.52	1.08	1.49	1.43	1.13	−11	+19	−5	−46	−2	−12	−7	−35	−11	−9	2	1.51
35108		07 15 34.49	−78 25 52.2	9.22		H	108.893 692 57	−78.431 162 73		6.12	−24.24	18.64	0.78	0.77	0.83	0.90	0.90	−3	+20	+7	−3	−3	+1	−6	−24	−11	−10	0	0.91
35109		07 15 34.71	−27 25 21.6	8.16	2	H	108.894 621 86	−27.422 670 26		1.61	−20.18	8.76	0.65	0.83	1.15	0.82	1.15	+22	+5	−6	+41	+3	+5	+6	+17	−6	+37	1	1.06
35110		07 15 34.87	−20 07 43.4	8.03	2	H	108.895 287 59	−20.128 708 70		2.58	−3.52	4.45	0.58	0.66	0.98	0.63	0.72	−34	+40	−26	−15	+5	−15	+4	−7	+5	−23	0	−0.87
35111		07 15 35.98	−63 10 28.8	10.89		H	108.899 906 53	−63.174 657 98	B	0.92	−23.73	−5.40	14.87	14.38	8.34	11.21	11.27	+0	+3	+13	−8	−3	−1	+1	+11	+0	−18	13	2.63
35112		07 15 37.06	−33 04 42.5	8.83		H	108.904 417 18	−33.078 460 64		3.51	5.27	−7.85	0.60	0.80	0.91	0.75	1.08	+0	+8	−3	+24	+1	+13	−1	+4	+7	−10	1	0.42
35113		07 15 37.77	+45 24 34.3	6.51		H	108.907 369 47	+45.409 540 87		3.55	−9.33	−22.48	0.74	0.50	0.85	0.85	0.53	−29	+35	−10	−21	−2	+2	+1	−46	−12	−8	0	0.42
35114		07 15 37.82	−42 09 15.3	7.66		H	108.907 577 65	−42.154 250 12		3.61	−3.69	2.50	0.54	0.57	0.65	0.53	0.64	+7	+4	+6	−4	−17	+3	−19	+1	−2	−1	0	1.48
35115		07 15 37.94	−50 29 55.2	7.51		H	108.908 068 02	−50.498 659 45		2.93	−5.01	19.04	0.52	0.55	0.59	0.61	0.69	−1	+24	−2	−11	+2	+0	+10	+12	+10	−25	0	−0.67
35116		07 15 38.30	+46 04 13.3	8.91		H	108.909 580 84	+46.070 365 28		2.39	−6.09	−18.82	1.15	0.85	1.39	1.42	0.88	−16	+25	−24	−36	−20	+19	−9	−51	+4	+9	0	1.19
35117		07 15 38.32	−26 51 24.4	8.97	1	G	108.909 675 77	−26.856 767 97		3.14	−4.99	6.45	0.65	0.80	1.10	0.79	1.23	+10	+11	−12	+24	+3	+6	+4	+9	−11	+21	0	−0.39
35118		07 15 38.43	−63 10 47.5	8.71		H	108.910 130 96	−63.179 855 03	A	2.04	−6.88	10.05	1.64	1.66	1.32	1.77	1.89	−3	+1	+14	−11	+0	−3	+3	+7	+2	−20	13	2.63
35119		07 15 38.64	+05 02 40.7	10.79	2	H	108.910 985 30	+05.044 643 06		2.30	8.10	2.43	2.09	1.25	2.38	2.07	1.50	−14	+44	−19	−40	+1	−24	+3	−43	+18	−18	0	−0.16
35120		07 15 39.42	+07 58 39.9	5.78	2	H	108.914 234 01	+07.977 737 09		5.40	23.64	2.20	0.67	0.42	0.75	0.71	0.49	+6	+18	−23	−29	−15	−9	−14	−37	+25	−2	0	0.89
35121		07 15 39.59	−58 48 20.0	7.42		H	108.914 948 04	−58.805 559 05		0.77	0.34	7.40	0.54	0.55	0.58	0.63	0.67	−3	−4	+14	+11	−9	−1	−13	−9	+7	−19	1	−0.10
35122		07 15 40.17	+49 47 20.7	9.24	1	H	108.917 386 20	+49.789 074 81		11.12	60.16	−92.57	1.08	0.81	1.22	1.39	0.94	+13	+25	+4	−16	−14	+1	−12	−45	−6	+21	0	1.75
35123		07 15 41.53	−72 44 29.1	8.44		G	108.923 027 79	−72.741 415 05		6.86	−19.12	14.94	0.67	0.58	0.66	0.72	0.64	+0	+12	+7	−8	−12	+17	−12	−3	+3	−10	0	−1.33
35124		07 15 41.77	+13 51 51.8	8.10		H	108.924 028 76	+13.864 384 85		4.56	−13.99	8.91	1.02	0.48	1.26	1.10	0.68	−8	+57	−1	−22	−7	−36	+2	−37	+8	+6	0	0.16
35125		07 15 42.73	+41 22 35.5	8.77		G	108.928 025 32	+41.376 536 55		7.49	17.46	−34.33	1.22	0.83	1.53	1.82	1.48	−35	+35	−37	−1	−10	+31	+21	−62	+46	+4	0	0.97
35126		07 15 42.80	+19 50 50.5	7.45		G	108.928 340 12	+19.847 363 11		3.98	−0.15	−5.22	0.73	0.42	0.79	0.80	0.54	+9	+29	−6	−4	−3	−26	−9	−25	−5	+5	0	−0.60
35127		07 15 43.22	−10 35 01.0	5.95		G	108.930 099 63	−10.583 602 86		8.12	29.20	−1.01	0.65	0.51	0.78	0.74	0.53	+20	+11	−13	−37	−16	−1	−13	−41	+19	+27	0	0.94
35128		07 15 43.54	−24 33 58.6	9.49		G	108.931 409 59	−24.566 286 06		−1.66	−2.90	3.24	0.78	0.94	1.33	0.93	1.18	+5	+7	−13	−37	+2	−6	+2	−28	+1	−7	0	0.81
35129	H	07 15 44.86	−66 11 49.5	9.46		H	108.936 896 30	−66.197 077 20	A	−0.28	−5.44	21.27	2.21	1.97	2.01	1.61	1.99	−5	+14	+16	−50	−14	−21	+0	−1	+19	−36	1	0.27
35130		07 15 46.47	+27 28 11.0	8.75		H	108.943 618 42	+27.469 729 93		1.05	−4.01	−20.05	1.20	0.87	1.39	1.38	0.87	−2	+29	−38	+9	+17	−28	+2	+0	−13	+13	0	0.71
35131		07 15 46.60	−53 36 07.5	8.10		H	108.944 166 06	−53.602 093 44		5.22	−8.34	11.57	0.58	0.57	0.62	0.64	0.68	−3	+20	−5	−2	−13	−1	−12	+12	−3	−14	0	0.93
35132		07 15 47.30	−23 44 25.1	6.34		H	108.947 103 80	−23.740 311 61		3.58	−14.06	12.83	0.36	0.43	0.67	0.46	0.53	+22	+7	−16	−14	+8	−5	+7	−15	+11	+22	1	−0.45
35133		07 15 47.42	−66 11 26.1	10.68		H	108.947 594 83	−66.190 576 92		5.32	−7.98	21.78	1.65	1.49	1.71	1.26	1.67	+1	+16	+9	−63	−15	−19	−6	−10	+24	−27	0	1.46
35134		07 15 47.89	+70 30 22.0	7.91		H	108.949 541 14	+70.506 111 84		12.40	14.26	−92.28	0.39	0.57	0.87	0.46	0.73	+20	+9	+3	−4	−2	+11	−1	−2	+12	+25	1	0.13
35135		07 15 48.26	−43 10 05.1	9.30		H	108.951 088 58	−43.168 075 02		7.96	−43.02	42.46	0.73	0.83	0.94	0.78	0.95	+1	+7	−18	−8	−9	+23	−6	−33	+21	+0	1	0.49
35136		07 15 50.11	+47 14 25.5	5.54		H	108.958 805 19	+47.240 416 21		59.31	29.44	−186.12	0.60	0.42	0.69	0.84	0.45	−11	+22	−9	+4	−17	−6	−6	−35	−6	+17	0	1.15
35137		07 15 50.44	+36 47 08.9	8.02		H	108.960 156 78	+36.785 809 52		5.09	−15.99	−22.39	1.10	0.59	1.16	1.31	0.76	−23	+24	+17	+17	−8	+13	+1	−50	−8	−6	0	0.65
35138		07 15 51.08	+43 07 35.2	9.34		H	108.962 841 83	+43.126 437 03		3.50	−10.38	−22.55	1.23	0.73	1.36	1.46	0.99	−15	+44	−6	+10	−3	−6	+6	−33	+9	−1	0	0.75
35139		07 15 51.10	−13 02 59.7	7.74		H	108.962 921 97	−13.049 911 69		30.14	−510.42	177.34	0.64	0.62	0.98	0.68	0.68	−15	+16	−20	−10	+17	−26	+13	−15	−4	−5	0	−1.68
*35140		07 15 51.40	+45 02 36.1	8.67		G	108.964 160 32	+45.043 348 78		13.42	184.30	−2.93	1.03	0.74	1.20	1.21	0.86	−35	+29	−15	−32	+1	+4	+7	−50	+3	−19	0	−1.48
*35141		07 15 51.33	−21 37 43.2	8.78		G	108.963 872 09	−21.628 662 21		1.05	−4.63	−3.84	0.78	0.82	1.10	0.98	1.06	−26	+20	−22	−19	+12	−3	+13	−18	+7	−28	0	1.29
*35142		07 15 51.35	−52 07 27.2	9.33		H	108.963 939 28	−52.124 211 53		1.59	−10.52	7.67	0.85	0.86	0.94	0.93	1.12	−6	+14	−1	−4	−7	+5	−9	+20	−18	−13	0	−0.37
35143		07 15 52.24	+14 48 31.0	8.19		H	108.967 656 35	+14.808 607 19		5.82	−4.05	−33.82	0.95	0.50	1.10	0.99	0.67	+6	+46	+7	−35	+2	−42	+1	−49	+7	−21	2	−0.33
35144		07 15 53.26	−06 45 25.5	8.78		H	108.971 906 72	−06.757 084 44		0.69	−3.72	−1.89	1.21	0.83	1.28	1.23	0.84	−14	+21	+6	−52	+15	+6	+14	−57	−1	+3	0	0.32
35145		07 15 54.43	+43 33 43.3	8.50		H	108.976 772 25	+43.562 016 47		22.07	0.04	−66.09	1.21	0.67	1.32	1.38	0.86	−23	+54	−18	+14	+2	−11	+14	−29	+11	+4	4	1.49
35146		07 15 55.02	+59 38 17.1	5.20		H	108.979 249 39	+59.638 095 69		16.88	−101.07	−258.69	0.57	0.42	0.76	0.63	0.48	+0	+26	−5	+38	+22	−3	+11	−21	−13	−10	2	0.86
35147		07 15 55.04	−42 08 24.8	7.60		G	108.979 326 62	−42.140 231 70		5.68	−12.80	8.34	0.48	0.50	0.58	0.52	0.57	+7	+1	+4	−2	−11	+7	−12	−10	+1	+0	0	0.51
35148		07 15 55.46	−27 26 53.9	7.87		H	108.981 090 42	−27.448 316 98		17.11	221.62	−54.21	0.57	0.69	0.96	0.71	0.77	+19	+7	−4	+39	−5	+17	−1	−3	+13	+23	0	−0.13
35149		07 15 56.28	−16 14 07.3	6.87		H	108.984 488 20	−16.235 373 22		1.11	−7.82	11.81	0.63	0.64	0.92	0.67	0.80	−15	−5	−22	−12	+20	−11	+23	−15	−24	+3	2	−1.27
35150		07 15 56.34	−21 55 18.3	9.62		H	108.984 748 13	−21.921 752 46		−0.59	−3.55	3.80	0.97	0.95	1.35	1.23	1.36	−38	+19	−14	−24	+17	−1	+19	−18	+10	−36	0	0.96
35151		07 15 56.66	−41 01 49.9	9.08		G	108.986 068 24	−41.030 541 49		17.14	−250.88	217.11	0.65	0.73	0.85	0.70	0.94	+9	+0	−13	−1	−7	+17	−7	+7	−9	+13	0	−0.80
*35152		07 15 57.18	+27 53 50.7	5.75	1	H	108.988 230 76	+27.897 426 66		3.02	−14.07	−3.24	0.84	0.56	0.94	0.91	0.58	−25	+47	−34	+9	+21	−22	+11	−10	−8	+2	0	0.68
*35153		07 15 57.32	−12 32 35.4	7.93	1	G	108.988 819 59	−12.543 153 04		2.91	−2.45	4.37	0.78	0.68	1.05	0.77	0.67	−13	+33	−30	−35	+19	−30	+7	−24	−14	+12	0	−0.59
*35154		07 15 57.39	−55 43 59.9	7.69		G	108.989 124 77	−55.733 291 91		17.91	−42.05	67.91	0.61	0.59	0.65	0.69	0.81	−6	+22	−4	+19	−8	+13	−10	+5	−2	−10	2	0.18
*35155		07 15 58.38	−64 38 38.7	8.70		H	108.993 251 41	−64.644 073 46		3.36	−8.15	−4.15	0.70	0.82	0.77	0.72	0.95	−18	+2	+17	+10	−3	+1	−6	−12	+0	−28	0	−0.32
*35156		07 15 58.70	−17 54 06.2	9.06	2	H	108.994 584 39	−17.901 722 97		2.58	−0.93	2.82	0.94	0.92	1.42	1.37	1.09	−48	+43	−27	+6	+20	−1	+22	−24	+17	−37	0	1.38
*35157		07 15 59.80	+73 19 20.8	7.75	1	G	108.999 157 15	+73.322 440 48		13.19	−26.83	−15.68	0.51	0.66	0.90	0.54	0.75	+15	+8	+15	−2	+8	+18	+7	+6	+13	+17	0	0.07
*35158		07 15 59.84	−54 57 42.0	7.37		G	108.999 335 10	−54.961 674 15		6.09	6.67	31.59	0.63	0.55	0.63	0.80	0.69	−2	+14	−9	+2	−4	+9	−4	−9	+6	−19	1	−1.48
*35159		07 16 00.47	+82 26 25.7	7.22	1	H	109.001 945 06	+82.440 465 32		2.02	−12.21	−4.22	0.54	0.57	0.69	0.62	0.74	+15	+27	+14	−8	+9	+0	+2	+25	−4	+30	0	−1.45
*35160		07 16 00.63	−45 53 44.9	7.92		G	109.002 609 54	−45.895 805 32		2.91	−9.43	11.17	0.62	0.53	0.67	0.69	0.54	−8	+9	+15	+15	−22	+2	−24	−9	−5	−26	1	−0.10
*35161		07 16 01.93	+64 46 51.6	7.29		H	109.008 052 95	+64.781 008 67		2.74	−1.54	−1.95	0.65	0.49	0.84	0.83	0.64	+1	+10	−8	+26	+11	+6	+8	−22	−4	−5	0	0.30
*35162		07 16 01.92	+29 15 18.4	7.47		H	109.007 980 49	+29.255 123 85		1.78	−2.12	−10.23	1.05	0.61	1.11	1.11	0.63	−9	+53	−29	+16	+8	+2	+12	−19	+1	+25	0	0.62
*35163		07 15 56.77	+57 59 50.8	9.98	2	H	108.986 526 37	+57.997 430 97		18.95	−38.26	−151.84	2.96	2.28	2.69	4.26	2.71	−9	+26	+0	−72	−6	+9	−4	−83	−16	+9	3	4.59
35164		07 16 05.98	−14 30 36.0	7.04		G	109.024 898 51	−14.510 005 84		3.81	−11.53	−5.23	0.56	0.55	0.89	0.65	0.70	−12	+22	−24	+22	+14	−21	+10	+13	−9	+2	0	0.20
35165		07 16 06.03	−14 06 54.2	8.44		H	109.025 112 98	−14.115 064 58		−0.11	−0.72	−0.39	0.67	0.77	1.16	0.79	0.93	−28	+23	−34	+13	+29	−21	+23	+14	−12	−10	0	−0.55
35166		07 16 06.05	−26 49 22.9	7.69		H	109.025 195 37	−26.823 038 02		3.28	2.16	−2.62	0.49	0.63	0.88	0.60	0.87	+19	+3	−14	+21	+2	+3	+4	+0	+0	+29	0	−3.02
35167	H	07 16 06.71	−09 16 10.9	8.22		G	109.027 956 48	−09.269 692 28	A	2.66	−2.55	−0.99	2.13	1.65	2.26	2.36	1.88	+33	+6	−26	−33	−22	−1	−20	−38	+19	+64	1	1.02
35168		07 16 06.90	−30 26 07.3	7.15	2	H	109.028 759 84	−30.435 367 79		1.44	−2.57	3.41	0.43	0.53	0.70	0.50	0.62	+13	+5	−8	+6	−3	+23	−1	−3	+18	+16	1	0.21
35169		07 16 07.67	−16 44 59.5	8.96		H	109.031 965 80	−16.749 867 93		0.11	−2.15	3.07	1.04	1.09	1.34	1.21	1.45	−43	+4	−23	−15	+40	−5	+49	−36	−8	−21	0	−0.85
35170		07 16 07.74	−78 19 06.5	8.05		H	109.032 251 01	−78.318 478 10		1.47	−4.71	16.67	0.62	0.63	0.67	0.78	0.73	+2	+15	+14	−8	+1	−7	+0	−23	−6	−7	0	1.02
35171		07 16 08.47	−30 07 57.7	8.15		H	109.035 307 65	−30.132 683 05		2.27	−3.76	−17.72	0.62	0.69	0.94	0.70	0.78	+11	+12	−12	+20	−4	+14	−1	−18	+20	+11	0	−0.53
35172		07 16 10.05	−54 02 30.9	7.26		H	109.041 862 03	−54.041 909 92		6.03	−28.77	11.70	0.92	0.87	0.95	1.01	1.08	−6	+4	+4	−27	+0	+10	+1	−9	−2	−21	1	
35173		07 16 10.61	−03 39 56.8	9.01		G	109.044 224 75	−03.665 786 80		29.25	105.22	−50.85	1.27	0.90	1.36	1.39	1.02	−21	+35	−19	−40	+12	−4	+13	−54	+5	−13	0	0.11
35174		07 16 11.50	−31 16 21.0	8.85		H	109.047 903 69	−31.272 487 31		2.15	−5.94	9.00	0.57	0.79	0.90	0.69	0.98	+12	+4	−14	−7	−10	+6	−9	−7	+10	+15	0	−1.00
35176		07 16 12.78	−33 37 26.9	9.63		H	109.053 251 49	−33.624 126 45		7.37	−37.39	−17.38	0.85	1.04	1.24	0.99	1.32	+4	+9	+7	+16	+2	+26	−1	+31	+4	+9	0	−0.88
35177		07 16 12.99	−17 17 47.3	7.83		G	109.054 145 50	−17.296 461 10		1.79	−3.25	−0.38	0.70	0.70	1.00	1.11	0.94	−41	+21	−16	+3	+37	−8	+36	−29	+9	−28	0	0.27
35178		07 16 13.56	−07 52 50.3	7.92		H	109.056 508 14	−07.880 628 03		1.18	−1.82	1.10	1.07	0.76	1.16	1.18	0.78	−2	+5	+16	−32	+20	+10	+17	−46	−3	−7	0	0.14
35179		07 16 13.93	−66 48 21.0	8.85		H	109.058 022 45	−66.805 846 33		3.41	−1.21	14.30	0.70	0.71	0.86	0.89	0.86	+6	+0	+6	−1	−4	−41	−4	−5	−4	−3	1	−0.31
35180		07 16 14.58	−15 35 08.4	5.46		H	109.060 751 46	−15.585 654 83		11.79	−44.29	−14.07	0.55	0.52	0.85	0.61	0.68	−7	+11	−33	−1	+23	−34	+15	−1	−26	+18	0	−1.62
35181		07 16 15.47	−46 46 28.6	5.64		G	109.064 466 75	−46.774 611 04		4.71	1.64	32.07	0.48	0.44	0.54	0.64	0.48	+2	−2	+3	+2	−16	+14	−15	−7	+5	−11	1	0.50
35182		07 16 15.93	−51 35 24.9	9.87		H	109.066 393 81	−51.590 245 40		0.34	2.53	−1.81	1.00	1.08	1.17	1.14	1.33	−6	+15	−7	+0	−4	−19	−6	+16	−10	−16	0	−0.50
35183		07 16 15.95	−54 13 34.6	7.66		H	109.066 438 45	−54.226 272 77		6.62	−11.11	18.73	0.62	0.51	0.60	0.68	0.63	+3	+15	−8	−28	−8	+9	−3	−2	−1	−14	1	1.50
35184		07 16 16.65	−21 25 14.9	8.49		H	109.069 391 28	−21.420 811 27		0.98	−5.23	13.20	0.72	0.81	1.16	0.84	1.09	−31	+29	−13	−9	+3	−6	+5	+2	+11	−25	0	−1.14
35185		07 16 18.57	+05 04 34.3	8.42		H	109.077 357 41	+05.076 183 37		18.99	−21.16	−38.41	1.08	0.61	1.18	1.04	0.69	−6	+46	−17	−42	−3	−18	−1	−46	+12	+0	0	0.91
35186		07 16 19.17	+63 44 02.3	8.81		H	109.079 855 14	+63.733 962 21		1.76	4.14	−13.41	0.83	0.75	1.24	1.46	1.03	+33	+5	+22	−12	+14	+20	−6	−49	−24	−6	0	0.08
35187		07 16 19.21	−16 43 00.0	7.97	2	H	109.080 038 50	−16.716 666 06		3.71	−3.27	−11.33	0.86	0.89	1.08	0.97	1.20	−47	+2	−22	−20	+43	−5	+53	−40	−13	−20	0	−0.73
35188		07 16 19.39	−32 02 30.3	6.92		H	109.080 793 41	−32.041 746 58		−0.49	−0.66	3.12	0.45	0.59	0.72	0.51	0.75	+10	−7	−18	+13	−8	+4	−10	−4	+21	+4	0	−0.91
35189		07 16 19.77	−50 02 54.4	7.46		H	109.082 356 81	−50.048 455 73		2.12	−4.07	9.38	0.50	0.52	0.57	0.58	0.67	−4	+25	+0	+6	−5	+2	+0	+12	+13	−24	0	1.29
*35190		07 16 21.02	−29 21 02.5	9.51		H	109.087 588 06	−29.350 681 10		2.44	−2.00	7.71	0.75	0.99	1.25	0.86	1.17	+9	+10	−16	+27	−5	+12	−4	−4	+6	+7	0	−0.65
*35191		07 16 19.80	+27 08 34.7	10.83		G	109.082 507 09	+27.142 974 45		81.05	−37.74	−195.76	2.15	1.50	2.42	2.16	1.70	−30	+46	−41	−10	−8	−8	−9	−11	+9	−24	3	4.20
35192		07 16 23.12	−06 57 33.8	8.59		H	109.096 336 93	−06.959 385 49		0.79	−2.47	−2.16	1.14	0.86	1.27	1.08	0.80	−24	+30	+10	−44	+27	+10	+26	−61	−1	−10	0	−0.88
35193	H	07 16 23.43	+30 42 18.9	8.71		H	109.097 626 74	+30.705 258 08	A	9.56	−6.30	−3.44	2.74	1.56	2.66	2.49	1.47	−26	+64	−41	+0	−8	+2	+4	−26	+18	−12	3	−0.59
35194		07 16 23.48	+47 38 19.6	7.70		H	109.097 839 14	+47.638 776 93		8.33	−11.35	10.67	0.84	0.59	0.97	1.09	0.61	−21	+29	−25	+4	−7	−6	+4	−38	+2	+13	2	1.52
35195		07 16 23.73	+47 38 07.3	7.72		H																							
35196		07 16 23.84	−45 10 44.9	9.35		H	109.099 319 05	−45.179 143 47		6.17	−10.90	39.61	0.75	0.77	0.90	0.84	0.78	−12	+13	+11	+12	−3	+6	−9	−12	−14	−33	3	1.27
35197		07 16 24.74	+73 19 57.1	10.16	3	H	109.103 094 73	+73.332 515 19		3.09	−1.40	−16.40	0.95	1.25	1.69	0.96	1.46	+21	+17	+17	−2	+8	+8	+9	+21	+16	+23	0	0.81
35198		07 16 25.42	+35 01 02.5	8.51		G	109.105 926 21	+35.017 349 03		26.04	−128.64	17.04	1.12	0.60	1.17	1.46	0.90	+5	+35	−4	+0	−15	+12	−6	−47	+4	+25	2	−0.72
35199		07 16 27.33	+06 12 06.1	8.53		H	109.113 870 91	+06.201 695 74		0.64	−8.29	−2.06	0.95	0.58	1.08	1.10	0.73	−4	+24	−15	−32	−10	−7	−9	−40	+13	−1	0	2.34
35200		07 16 27.92	+79 28 44.9	9.49	2	H	109.116 344 14	+79.479 142 35		3.68	0.66	2.26	0.84	0.86	1.12	0.98	1.04	−3	+24	+16	−2	−8	−3	−4	−8	+20	−18	0	1.03

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
35101	7.628	0.007	7.284	0.008		0.337	0.015	G	0.39	0.02	H	7.3365	0.0008	0.007	110		7.32	7.35					1							S
35102	8.127	0.011	7.568	0.011	*	0.539	0.001	G	0.61	0.00	H	* 7.5904	0.0011	0.010	119	*	7.57	7.61		D	07155−7552	I 1	2 C A	BA	338	0.606	0.002	0.12	0.01	S
35103	10.271	0.033	8.648	0.015		1.359	0.029	T	1.33	0.03	L	8.6764	0.0016	0.014	91		8.65	8.71		C			1							
35104	8.608	0.012	7.374	0.008		1.054	0.011	T	1.02	0.01	L	7.4291	0.0012	0.010	77		7.41	7.45		C			1							S
35105	8.358	0.014	7.258	0.007		0.950	0.012	T	0.94	0.01	L	7.3190	0.0012	0.010	96		7.31	7.34		C			1							S
35106	9.115	0.015	7.202	0.007		1.588	0.013	T	1.61	0.01	L	7.1397	0.0026	0.020	91		7.11	7.17		U 2	07155+2158	I 1	1							S
35107	9.250	0.086	8.880	0.093	B	0.700	0.044	G	0.76	0.04	H	* 7.7448	0.0022	0.017	90	*	7.72	7.78		R	07156−0152	I 1	2 C A	AB	298	3.856	0.006	1.08	0.02	S
35108	10.554	0.038	9.298	0.021		1.071	0.034	T	1.04	0.03	L	9.3865	0.0016	0.017	106		9.36	9.42		C			1							
35109	10.189	0.024	8.335	0.010		0.300	0.495	G	2.03	0.13	S	8.2392	0.0051	0.053	165		8.16	8.31		R 2			1 S							
35110	7.932	0.008	8.000	0.009		−0.080	0.015	G	−0.06	0.02	H	8.0113	0.0021	0.020	143		7.98	8.05		U 2			1							
35111	11.187	0.059	10.547	0.056	B	0.594	0.070	T	0.66	0.07	L	10.8622	0.0466			B				D	07156−6311	I 2	1 C I C							
35112	9.528	0.019	8.877	0.017		0.596	0.019	T	0.67	0.02	L	8.9535	0.0019	0.018	130		8.93	8.98					1							
35113	8.000	0.007	6.640	0.005		1.152	0.007	T	1.11	0.01	L	6.6718	0.0008	0.009	135		6.66	6.69		C			1							S
35114	9.307	0.015	7.803	0.008		1.265	0.013	T	1.22	0.01	L	7.8175	0.0013	0.012	135		7.79	7.84					1							S
35115	9.320	0.015	7.673	0.008		1.378	0.013	T	1.35	0.02	L	7.6592	0.0009	0.009	110		7.64	7.67		C			1							S
35116	9.439	0.016	8.925	0.015		0.483	0.020	T	0.55	0.02	L	9.0203	0.0023	0.021	108		8.99	9.06		C			1							
35117	8.907	0.013	9.017	0.019		−0.080	0.015	G	−0.06	0.02	H	8.9472	0.0016	0.023	172		8.91	9.00		U			1							
35118	10.726	0.038	8.893	0.015	A	1.630	0.134	G	1.70	0.20	K	8.8208	0.0100	0.025	105	A	8.76	8.86		D	07156−6311	I 2	1 C P C							
35119											T	10.9209	0.0066	0.043	92		10.84	10.99		U	07156+0503	I 1	1							G Y
35120	7.813	0.008	6.004	0.004		1.537	0.007	T	2.44	0.02	O	5.8047	0.0018	0.020	109		5.76	5.83		U 2			1 S							S P
35121	9.578	0.016	7.591	0.007		1.647	0.014	T	1.67	0.01	L	7.5256	0.0013	0.011	116		7.51	7.54					1							S
35122	9.985	0.031	9.276	0.027		0.639	0.031	T	0.70	0.03	L	9.3622	0.0039	0.028	92		9.32	9.42		U			1							
35123	8.882	0.012	8.467	0.012		0.409	0.006	G	0.48	0.01	H	8.5349	0.0013	0.013	107		8.51	8.57					1							
35124	9.569	0.016	8.224	0.010		1.160	0.015	G	1.12	0.01	H	8.2615	0.0010	0.012	125		8.25	8.28		C			1							
35125	9.497	0.024	8.807	0.021		0.619	0.015	G	0.69	0.01	H	8.9006	0.0016	0.012	77		8.88	8.92		C			1							
35126	7.307	0.006	7.413	0.008		−0.108	0.002	G	−0.09	0.00	H	7.4120	0.0009	0.008	107		7.40	7.42		C			1							S
35127	7.450	0.009	6.072	0.005		1.173	0.001	G	1.09	0.04	E	6.1144	0.0008	0.006	78		6.10	6.13		C			1							S
35128	9.449	0.013	9.500	0.019		−0.029	0.011	G	−0.01	0.01	H	9.4938	0.0025	0.028	189		9.45	9.55					1							G
35129	10.185	0.033	9.661	0.029	*	0.501	0.033	T	0.57	0.04	L	* 9.5704	0.0030	0.027	83	*	9.51	9.62		D	07158−6612	I 2	2 C A	AB	120	1.111	0.007	0.81	0.03	
35130	10.508	0.049	8.918	0.022		1.333	0.042	T	1.30	0.05	L	8.9021	0.0029	0.025	65		8.88	8.94					1 S							
35131	8.136	0.008	8.088	0.010		0.043	0.011	T	0.06	0.01	L	8.1223	0.0016	0.012	113		8.10	8.14		C			1							S
35132	6.321	0.002	6.336	0.003		−0.018	0.003	G	0.00	0.00	H	6.3426	0.0006	0.008	235		6.33	6.36					1							S
35133	11.217	0.076	10.417	0.057							T	10.7473	0.0064	0.061	83		10.62	10.81		D	07158−6612	I 2	1 S							G
35134	8.739	0.007	7.975	0.006		0.675	0.005	G	0.73	0.00	H	8.0440	0.0011	0.014	249		8.02	8.07					1							S
35135	9.889	0.022	9.371	0.021		0.496	0.023	T	0.57	0.02	L	9.4135	0.0018	0.018	98		9.39	9.45		C			1							
35136	6.251	0.003	5.612	0.003		0.576	0.002	G	0.65	0.00	H	5.6685	0.0005	0.005	114		5.66	5.68		C			1							S
35137	8.254	0.008	8.044	0.009		0.201	0.015	G	0.22	0.02	H	8.0820	0.0013	0.010	105		8.06	8.10		C			1							S
35138	9.926	0.028	9.379	0.027		0.512	0.035	T	0.58	0.04	L	9.4528	0.0029	0.018	78		9.43	9.48		C			1							
35139	8.457	0.015	7.803	0.009		0.607	0.004	G	0.68	0.00	H	7.8716	0.0018	0.012	98		7.85	7.89					1							S
35140	9.414	0.014	8.712	0.012		0.600	0.000	G	0.67	0.00	H	8.7927	0.0014	0.015	126		8.77	8.82					1							
35141	8.695	0.010	8.714	0.014		−0.055	0.015	G	−0.03	0.01	H	8.7661	0.0017	0.019	126		8.74	8.80		D			1							
35142	10.793	0.048	9.468	0.026		1.125	0.043	T	1.09	0.04	L	9.4999	0.0021	0.018	84		9.48	9.53		C			1							
35143	10.193	0.029	8.357	0.012		1.527	0.025	T	1.57	0.05	L	8.3097	0.0009	0.012	118		8.29	8.33		C			1							
35144	8.774	0.014	8.785	0.018		−0.005	0.021	T	0.02	0.02	L	8.7897	0.0023	0.016	78		8.76	8.81		C			1 S							
35145	9.418	0.020	8.571	0.016		0.744	0.020	T	0.79	0.01	L	8.6359	0.0016	0.017	83		8.62	8.67					1							
35146	6.608	0.003	5.323	0.003		1.081	0.002	G	1.04	0.00	K	5.3698	0.0009	0.006	97		5.36	5.39					1							S
35147	7.521	0.006	7.561	0.008		−0.066	0.002	G	−0.04	0.00	H	7.5864	0.0012	0.011	136		7.57	7.60		C			1							S
35148	8.594	0.009	7.940	0.008		0.591	0.002	G	0.66	0.00	H	7.9986	0.0014	0.017	162		7.97	8.03					1							S
35149	6.651	0.005	6.825	0.007		−0.152	0.008	T	−0.15	0.01	L	6.8168	0.0017	0.012	80		6.80	6.83					1							S
35150	9.527	0.020	9.634	0.029		−0.092	0.032	T	−0.07	0.04	L	9.5882	0.0020	0.022	110		9.54	9.62		C			1							G
35151	9.864	0.019	9.135	0.016		0.657	0.004	G	0.72	0.01	A	9.2250	0.0019	0.018	138		9.20	9.26					1							
35152	7.830	0.011	5.938	0.005		1.605	0.010	T	1.91	0.04	O	5.8356	0.0023	0.016	67		5.81	5.86		U 2			1 S							S
35153	7.832	0.007	7.906	0.013		−0.081	0.003	G	−0.06	0.00	H	7.9065	0.0030	0.021	78		7.88	7.93		U 2			1							
35154	9.026	0.013	7.802	0.009		1.061	0.005	G	1.03	0.00	H	7.8393	0.0014	0.011	103		7.82	7.86		C			1							
35155	10.020	0.025	8.833	0.016		1.017	0.023	T	0.99	0.02	L	8.8671	0.0016	0.015	95		8.84	8.89		C			1							
35156	8.973	0.011	9.041	0.014		−0.056	0.009	G	−0.03	0.01	H	9.0449	0.0031	0.032	136		8.99	9.10	1.64	P 1 A			1							
35157	8.386	0.008	7.826	0.008		0.551	0.015	G	0.62	0.01	H	7.8748	0.0015	0.017	165		7.85	7.91		M			1							S
35158	8.932	0.012	7.506	0.007		1.215	0.020	G	1.14	0.02	A	7.5313	0.0014	0.010	100		7.52	7.55		C			1							S
35159	9.372	0.015	7.426	0.007		1.614	0.013	T	1.64	0.01	L	7.3355	0.0016	0.020	128		7.31	7.36		U 2			1							S
35160	8.159	0.009	7.943	0.011		0.203	0.007	G	0.22	0.01	H	7.9748	0.0010	0.010	123		7.96	8.00					1							S
35161	8.263	0.008	7.389	0.006		0.833	0.006	G	0.85	0.00	H	7.4439	0.0012	0.012	111		7.43	7.47					1							S
35162	7.355	0.008	7.451	0.011		−0.074	0.002	G	−0.05	0.00	H	7.4474	0.0009	0.006	57		7.44	7.46					1							S
35163	10.937	0.044	10.083	0.032		0.725	0.003	G	0.78	0.00	H	10.1283	0.0067	0.061	58		10.01	10.18		U	07160+5800	I 1	1 S							G
35164	7.225	0.006	7.072	0.008		0.147	0.009	T	0.16	0.01	L	7.0947	0.0008	0.008	97		7.08	7.11		C			1							S
35165	9.850	0.023	8.537	0.013		1.115	0.021	T	1.08	0.02	L	8.6083	0.0018	0.016	122		8.59	8.64					1							
35166	7.590	0.005	7.665	0.008		−0.064	0.009	T	−0.04	0.01	L	7.6769	0.0012	0.015	174		7.65	7.71					1							S
35167	8.104	0.012	8.141	0.016	*	−0.075	0.001	G	−0.05	0.00	H	* 8.2266	0.0015	0.016	76	*	8.21	8.26		D	07161−0916	I 1	2 C A	AB	25	6.984	0.006	1.02	0.02	
35168	6.919	0.005	7.114	0.007		−0.183	0.003	G	−0.19	0.00	H	7.0854	0.0010	0.016	145		7.07	7.18	6.17	P 1 A			1							S
35169	9.043	0.015	8.974	0.019		0.069	0.023	T	0.08	0.03	L	8.9892	0.0017	0.017	79		8.95	9.02		C			1							
35170	10.379	0.035	8.289	0.012		1.729	0.030	T	1.76	0.03	L	8.1525	0.0016	0.016	113		8.13	8.18					1							
35171	10.166	0.025	8.329	0.011		1.528	0.022	T	1.57	0.05	L	8.2720	0.0015	0.017	150		8.24	8.31		D			1							
35172	8.698	0.011	7.410	0.007		1.096	0.010	T	1.06	0.01	L	7.4233	0.0009	0.012	109		7.41	7.44		D	07162−5403	I 1	1 X S							S
35173	10.323	0.035	9.111	0.021		1.010	0.015	G	1.05	0.02	I	9.1577	0.0019	0.013	82		9.13	9.18					1							
35174	8.816	0.011	8.845	0.015		−0.030	0.015	G	−0.01	0.01	H	8.8456	0.0016	0.015	137		8.82	8.87		C			1							
35176	10.209	0.030	9.657	0.028		0.523	0.031	T	0.60	0.03	L	9.7417	0.0038	0.030	120		9.69	9.79					1							G
35177	7.765	0.008	7.812	0.009		−0.036	0.009	G	−0.01	0.01	H	7.8250	0.0015	0.011	117		7.80	7.85		C			1							S
35178	9.561	0.024	8.046	0.013		1.274	0.021	T	1.23	0.02	L	8.0762	0.0025	0.015	70		8.04	8.09					1							S
35179	9.206	0.014	8.886	0.015		0.304	0.019	T	0.35	0.03	L	8.9228	0.0018	0.015	97		8.89	8.95		C			1 G							
35180	5.563	0.003	5.463	0.003		0.079	0.005	G	0.09	0.01	H	5.4900	0.0007	0.004	85		5.48	5.50					1							S
35181	7.495	0.008	5.801	0.005		1.441	0.007	G	1.36	0.04	E	5.7867	0.0006	0.007	90		5.78	5.80					1							S
35182	11.473	0.075	10.012	0.033		1.254	0.008	G	1.21	0.01	I	9.9950	0.0027	0.021	102		9.96	10.03		C			1							G
35183	7.696	0.008	7.674	0.008		0.020	0.010	T	0.04	0.01	L	7.6773	0.0008	0.010	110		7.66	7.70					1							S
35184	10.494	0.030	8.648	0.012		1.535	0.026	T	1.58	0.06	L	8.6163	0.0020	0.017	132		8.58	8.65					1							
35185	9.192	0.017	8.497	0.015		0.641	0.019	T	0.71	0.02	L	8.5498	0.0023	0.019	100		8.52	8.58					1							
35186	10.436	0.026	8.958	0.013		1.245	0.023	T	1.20	0.02	L	8.9748	0.0017	0.019	145		8.94	9.01					1							
35187	8.165	0.011	7.999	0.013		0.159	0.016	T	0.18	0.02	L	8.0263	0.0016	0.014	78		8.00	8.22	4.80	P 1 A			1							
35188	9.048	0.013	7.090	0.006		1.624	0.011	T	1.65	0.01	L	7.0340	0.0011	0.010	116		7.02	7.05					1							S
35189	7.403	0.006	7.465	0.007		−0.042	0.003	G	−0.02	0.00	H	7.4539	0.0012	0.011	117		7.44	7.47		C			1							S
35190	9.407	0.014	9.468	0.020		−0.051	0.022	T	−0.03	0.02	L	9.5043	0.0025	0.029	159		9.46	9.55					1							G
35191						1.520	0.029	G	1.56	0.04	H	10.8542	0.0043	0.036	68		10.76	10.91		C			1							G
35192	8.516	0.012	8.574	0.016		−0.048	0.018	T	−0.03	0.02	L	8.5854	0.0021	0.015	78		8.56	8.61		C			1							
35193	9.287	0.021	8.759	0.020	A	0.400	0.495	G	0.54	0.05	L	* 8.8092	0.0019	0.013	54	*	8.79	8.85		D	07164+3042	I 1	2 C B	AB	257	1.249	0.046	2.87	0.15	
35194	7.889	0.009	7.698	0.012		0.154	0.150	G	0.16	0.03	L	7.7506	0.0015	0.012	97		7.73	7.78		D	07164+4738	I 2	1							S
35195											T	7.8490	0.0222	0.233	94		7.77	8.38		D	07164+4738	I 2								G
35196	9.705	0.020	9.417	0.022		0.273	0.031	T	0.31	0.04	L	9.4267	0.0024	0.021	120		9.39	9.47		C			1							
35197	11.162	0.048	10.178	0.032		0.850	0.045	T	0.86	0.03	L	10.3040	0.0069	0.082	149		10.21	10.87		P 1 A			1 S							G
35198	9.432	0.019	8.581	0.015		0.746	0.003	G	0.79	0.00	H	8.6531	0.0012	0.011	104		8.62	8.67					1							
35199	9.749	0.023	8.645	0.015		0.952	0.021	T	0.94	0.01	L	8.6930	0.0015	0.016	95		8.66	8.72		C			1 S							S
35200	11.621	0.082	9.698	0.025		1.631	0.071	T	2.03	0.23	K	9.5708	0.0036	0.036	133		9.51	9.63		U 2			1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
35201		07 16 30.09	−29 56 15.2	8.23	2	H	109.125 356 55	−29.937 564 01		1.24	−11.35	11.64	0.62	0.72	0.98	0.70	0.78	+7	+8	−11	+29	−8	+13	−6	−5	+23	+6	1	−0.44
35202		07 16 31.86	−38 19 08.2	5.81		H	109.132 737 08	−38.318 940 33		4.80	−7.91	4.93	0.42	0.43	0.54	0.44	0.55	+3	+17	−10	−11	−4	−7	−9	+13	−22	+5	1	0.49
35203		07 16 32.15	−55 12 59.6	9.85		H	109.133 966 78	−55.216 564 32		16.45	67.89	−14.34	0.97	0.94	1.02	1.20	1.24	−6	+8	−9	+11	−5	+11	−8	−16	+3	−19	1	−0.31
35204		07 16 32.82	+67 05 14.2	8.32		H	109.136 744 66	+67.087 276 32		5.22	31.91	17.13	0.57	0.74	1.14	0.53	0.88	−11	+20	+5	−46	+3	−8	+2	−45	+8	−13	0	0.69
35205		07 16 35.00	−27 52 52.6	4.66	1	H	109.145 839 28	−27.881 273 13		7.20	−12.48	38.83	0.36	0.43	0.57	0.46	0.53	+30	+0	−13	+11	−13	+10	−11	−19	+9	+33	0	−2.84
35206		07 16 35.65	+52 02 06.8	7.69		H	109.148 555 18	+52.035 229 91		4.11	19.33	−81.25	0.87	0.73	0.98	1.15	0.84	−13	+16	−8	−45	+0	+13	+2	−60	−6	−6	0	−1.00
35207	H	07 16 35.97	−46 14 17.0	8.04		H	109.149 871 29	−46.238 056 81	A	2.79	−10.40	12.24	0.98	0.96	1.02	1.09	0.94	+4	+22	+9	−8	−23	−7	−16	−7	+7	−5	1	1.59
35208		07 16 36.32	−23 49 36.7	7.58		H	109.151 345 77	−23.826 865 08		0.49	−4.67	2.88	0.42	0.56	0.86	0.51	0.66	+28	+2	−16	−21	−3	−10	−5	−23	+12	+17	0	−0.21
35209		07 16 36.39	+01 52 44.6	7.34		H	109.151 638 50	+01.879 049 33		24.32	60.05	−115.68	0.79	0.55	0.97	0.85	0.64	−2	+29	−17	−25	−10	−24	−9	−35	+28	−28	0	−0.36
35210		07 16 36.84	−23 18 56.2	4.83		G	109.153 487 00	−23.315 601 55	A	0.52	−4.91	3.01	1.09	1.17	1.30	1.13	1.15	+19	−2	−11	−29	−12	+0	−12	−31	+21	+11	11	0.74
35211		07 16 37.19	−64 07 33.3	7.49		H	109.154 975 85	−64.125 930 08		18.99	13.40	182.10	0.72	0.70	0.70	0.86	0.79	−11	+18	+20	−4	+1	−21	+6	−6	−2	−25	0	0.37
35212		07 16 37.64	−11 29 14.3	8.19	3	T	109.156 821 37	−11.487 310 50		0.96	−2.83	2.93	0.86	0.65	1.09	1.04	0.84	+16	+3	−28	−25	−13	−20	−18	−23	+28	+0	0	−0.94
35213		07 16 38.38	−23 18 39.8	6.02		H	109.159 905 95	−23.311 053 20	B	12.66	−33.67	46.62	5.59	6.97	4.61	3.46	4.26	+12	−4	−5	−8	−12	+8	−12	−17	+20	+9	11	0.74
35214		07 16 39.02	+54 52 53.3	9.11		H	109.162 586 85	+54.881 485 59		13.86	8.58	−6.50	1.10	0.77	1.28	1.54	1.03	+0	+29	−4	−13	−18	−15	−13	−23	+6	+13	2	1.02
35215		07 16 39.76	+08 50 40.4	8.34		H	109.165 669 12	+08.844 551 85		4.00	65.06	−15.31	1.01	0.63	1.15	1.12	0.88	+3	+6	−29	−28	−19	−8	−25	−33	+30	−23	0	0.69
35216		07 16 41.74	+76 49 00.6	9.61		H	109.173 922 25	+76.816 834 93		3.51	−3.85	−23.40	0.75	0.87	1.13	0.84	0.97	+5	+17	+7	+12	−7	+6	−6	+1	+10	+0	0	0.07
35217		07 16 42.42	−13 27 16.8	7.73		H	109.176 750 04	−13.454 657 40		1.47	−7.65	−0.19	0.56	0.62	1.02	0.67	0.77	−18	+15	−36	+21	+30	−32	+24	+16	−6	−4	0	0.59
35218		07 16 43.32	+03 11 19.1	8.02		H	109.180 498 37	+03.188 635 23		3.66	−11.41	−0.56	1.00	0.56	1.14	0.82	0.58	−7	+58	−11	−28	−5	−10	−3	−41	+3	+0	0	1.30
35219	H	07 16 44.54	+16 08 49.4	6.75		H	109.185 603 12	+16.147 067 47	*	19.24	−5.85	21.71	0.81	0.47	0.90	0.92	0.63	+5	+19	+7	−8	+16	−25	+12	−48	−27	+4	0	−0.13
35220		07 16 47.06	−13 40 52.0	7.20		H	109.196 101 33	−13.681 105 59		3.71	−3.07	−3.23	0.52	0.56	0.91	0.62	0.72	−21	+16	−29	+24	+27	−23	+24	+13	−9	−12	2	0.10
35221	H	07 16 47.51	+00 58 46.3	8.58		G	109.197 964 72	+00.979 518 48	A	16.81	−22.53	12.43	3.64	2.12	2.28	2.47	1.75	+16	+9	−5	−24	−13	−7	−1	−26	+10	−30	1	−0.76
35222	T	07 16 47.97	+24 32 23.7	10.51		H	109.199 861 21	+24.539 910 46	B	−11.34	20.82	18.55	69.62	52.58	28.91	54.77	34.50	−11	−12	−36	−24	−33	+55	−12	−41	+34	+18	4	0.94
35223		07 16 48.03	−53 58 49.2	8.81	2	H	109.200 137 73	−53.980 340 61		1.39	−8.25	−3.32	3.06	2.97	3.16	3.29	3.49	−6	+7	+2	−28	−3	+5	−2	−16	+1	−22	0	
35224		07 16 48.52	+24 32 10.8	7.32		H	109.202 160 91	+24.536 339 85	A	6.11	−5.31	−13.04	2.40	1.74	1.86	2.64	1.61	−4	−14	−40	−33	−36	+48	−21	−41	+34	+13	4	0.94
35225		07 16 48.76	+37 14 53.3	8.59		H	109.203 166 21	+37.248 152 14		1.71	5.05	−4.17	1.15	0.59	1.22	1.53	0.80	−23	+41	−24	+28	−24	+5	+8	−39	+23	+23	0	0.69
35226		07 16 49.42	−36 35 33.5	5.03		H	109.205 898 76	−36.592 648 13		3.40	−10.39	6.21	0.42	0.46	0.56	0.46	0.59	+6	+4	−5	−2	+2	+19	+3	+5	−3	+4	0	1.82
*35227		07 16 49.85	+09 21 44.6	8.44		H	109.207 713 78	+09.362 380 30		1.01	−3.78	1.72	0.98	0.60	1.09	1.05	0.73	+1	+23	+0	−28	−11	−9	−14	−40	+5	−15	0	0.53
*35228		07 16 49.83	−67 57 25.8	3.97		H	109.207 628 44	−67.957 172 48		4.94	−4.11	8.50	0.48	0.40	0.46	0.56	0.42	+9	+21	+15	+6	−15	−15	−11	+5	+9	−15	0	−0.18
35229		07 16 50.26	−25 09 32.5	7.03		H	109.209 418 77	−25.159 015 83		10.38	−0.58	−2.22	0.35	0.52	0.76	0.37	0.73	+22	−2	−10	+34	+8	−4	+10	+0	−11	+27	1	0.12
35230		07 16 53.09	−09 43 51.9	7.76		H	109.221 203 16	−09.731 092 60		2.77	−2.25	2.11	0.81	0.66	0.97	0.83	0.63	+17	+21	−10	−27	−8	+0	−3	−41	+16	+36	0	1.28
35231		07 16 53.35	−03 42 38.0	7.66		H	109.222 301 18	−03.710 544 23		13.87	139.10	−119.13	0.83	0.57	0.97	1.00	0.70	−12	+27	−23	−25	+9	−5	+13	−42	+23	−11	2	−0.46
35232		07 16 53.62	−65 23 11.3	9.69		G	109.223 432 61	−65.386 459 33		8.14	−29.96	110.33	0.78	0.90	0.89	0.80	1.03	−9	−7	+8	−9	−10	+0	−14	−17	+21	−22	0	−0.51
35233		07 16 53.72	−34 23 52.6	9.84		H	109.223 819 21	−34.397 950 20		3.54	−0.44	7.69	0.79	0.95	1.11	0.89	1.26	+3	+2	−5	+22	−7	+2	−8	+19	−1	−7	2	0.65
35234		07 16 53.87	+12 06 32.6	9.37		H	109.224 459 93	+12.109 065 69		0.22	−2.49	−10.99	1.08	0.66	1.29	1.27	0.87	−26	+23	+4	−26	+9	−20	+13	−48	+2	−17	0	0.74
35235		07 16 54.37	+57 39 04.9	8.31		H	109.226 539 00	+57.651 361 23		9.19	−8.30	−55.96	0.77	0.51	1.05	0.94	0.65	+2	+30	−6	+54	+7	+14	−13	−3	−9	−32	0	2.33
35236		07 16 54.37	−58 00 39.8	8.43		H	109.226 561 38	−58.011 052 37		2.98	11.54	67.28	0.68	0.65	0.71	0.85	0.84	−8	+5	+6	+7	−9	+9	−13	−5	+7	−29	1	−0.22
35237		07 16 54.46	−07 02 34.4	8.71		H	109.226 936 73	−07.042 896 32		2.87	−0.09	−18.00	1.18	0.87	1.34	1.18	0.91	−26	+33	+5	−34	+30	+0	+30	−52	−7	−2	0	−0.05
35238		07 16 55.07	−56 25 39.7	8.46		H	109.229 458 35	−56.427 693 50		2.97	−2.38	17.17	0.63	0.71	0.71	0.72	0.90	−12	+2	+5	+9	+1	−1	−1	−10	−9	−23	1	0.26
35239		07 16 55.97	+04 36 35.3	8.84		H	109.233 225 27	+04.609 801 66		4.56	−11.24	21.92	1.11	0.66	1.24	1.13	0.76	−2	+38	−12	−38	−1	−26	−2	−47	+4	+6	2	−1.58
35240		07 16 56.77	−50 18 08.3	8.97		H	109.236 521 81	−50.302 295 35		4.39	−15.34	9.57	0.68	0.73	0.78	0.82	0.92	−3	+20	−12	−21	+4	+6	+11	−4	+6	−24	1	0.43
*35241		07 16 57.22	−30 53 49.0	6.30		H	109.238 396 80	−30.896 945 95		6.78	2.31	−27.21	0.44	0.55	0.69	0.55	0.74	+17	+8	−23	−3	−6	+10	−4	+4	+9	+26	0	−0.78
*35242		07 16 57.08	−30 54 26.8	7.99		G	109.237 825 85	−30.907 448 01		8.26	3.72	−27.21	0.64	0.84	1.02	0.80	1.12	+10	+8	−19	−8	+0	+8	+2	−2	+9	+14	0	−2.41
35243		07 16 57.55	−71 44 59.6	7.08		H	109.239 783 24	−71.749 896 32		11.41	−31.25	70.93	0.58	0.52	0.60	0.89	0.60	+13	+19	+15	−52	+0	−9	−1	−11	−18	+1	1	−0.16
35244		07 16 57.75	−07 31 38.8	7.66		H	109.240 639 29	−07.527 434 98		7.63	−16.01	−33.90	1.00	0.72	1.14	0.96	0.68	−20	+29	+4	−36	+30	+4	+32	−52	+5	−3	0	0.07
35245		07 16 59.22	−29 43 47.6	7.67		H	109.246 746 99	−29.729 883 25		5.08	−9.39	6.15	0.51	0.62	0.82	0.56	0.69	+7	+0	−12	+28	−6	+17	−5	−1	+19	+7	0	−1.86
35246		07 16 59.25	−59 07 21.7	10.65		H	109.246 884 99	−59.122 702 30		26.56	−106.01	−3.86	1.49	1.52	1.57	1.66	1.86	+7	−11	+10	−17	−8	+5	−10	−15	+4	−14	0	0.84
*35247		07 17 00.21	+74 08 40.9	9.30	2	H	109.250 869 88	+74.144 685 06		0.81	−0.41	2.91	0.78	0.88	1.20	0.84	1.02	+22	+18	+14	+22	−3	+8	−2	+13	+16	+26	0	0.71
*35248		07 17 00.17	+09 27 47.4	7.24		H	109.250 723 83	+09.463 165 74		7.29	−3.12	−22.23	0.77	0.46	0.86	0.81	0.56	+3	+29	+1	−25	−13	−13	−15	−36	+7	−16	0	0.70
35249		07 17 00.65	−33 02 46.3	7.81		H	109.252 726 69	−33.046 194 31		3.73	−11.29	4.48	0.50	0.63	0.72	0.60	0.85	−7	+10	−6	+24	−1	+5	−1	+11	+8	−13	0	−1.49
35250		07 17 01.03	−19 52 45.1	8.74		H	109.254 298 84	−19.879 186 00		1.69	−9.23	5.33	0.70	0.80	1.19	0.77	1.04	−29	+34	−14	−21	−11	−27	−9	+19	+10	−38	0	2.52
35251		07 17 01.23	−06 14 17.2	8.10		H	109.255 133 27	−06.238 121 75		0.48	−2.24	2.66	0.82	0.61	0.93	0.92	0.66	+26	+19	−9	−31	−22	+11	−18	−46	+12	+32	0	−0.48
35252		07 17 02.68	+34 02 07.7	8.85		H	109.261 154 56	+34.035 475 52		2.73	−12.67	−10.55	1.24	0.77	1.39	2.17	1.05	+8	+16	−37	+31	−17	+37	+20	−31	+33	+60	0	−0.33
35253	H	07 17 03.36	+26 41 23.3	6.38		H	109.264 016 39	+26.689 804 71	*	11.00	57.22	−131.62	0.95	0.60	1.08	0.93	0.58	−10	+50	−40	−10	−7	−10	−9	−19	+1	+15	3	1.21
35254		07 17 03.96	−06 51 06.0	8.57		H	109.266 492 73	−06.851 658 86		3.51	−10.97	−2.59	0.97	0.73	1.15	1.04	0.79	−7	+28	+5	−27	+8	+6	+10	−43	+0	+7	0	−0.31
35255		07 17 04.32	−21 11 20.3	7.01		H	109.268 018 86	−21.188 978 92		5.60	−43.05	−79.73	0.52	0.56	0.79	0.59	0.66	−20	+24	−27	−18	+3	−8	+4	−19	+13	−14	0	−0.21
35256		07 17 04.77	+34 06 21.4	8.74		H	109.269 864 75	+34.105 939 49		4.34	−6.86	−4.71	1.30	0.81	1.48	2.31	1.12	+2	+21	−38	+33	−19	+36	+22	−33	+33	+61	0	−0.03
35257		07 17 05.45	+59 54 59.6	7.84		G	109.272 706 19	+59.916 557 13		2.84	−3.27	−20.54	0.75	0.54	1.00	0.85	0.63	−1	+24	−14	+40	+17	−4	+9	−21	−5	−8	0	0.60
35258		07 17 05.80	−14 50 49.9	7.41		G	109.274 151 85	−14.847 194 33		9.50	5.62	37.61	0.61	0.58	0.95	0.70	0.76	−6	+18	−27	+4	+18	−30	+10	+8	−18	+13	0	−0.73
35259		07 17 06.25	−04 22 51.8	7.98		H	109.276 059 89	−04.381 059 38		5.00	0.28	−1.27	0.89	0.60	1.04	0.90	0.62	−16	+42	−18	−27	+4	+0	+13	−46	+19	−3	0	0.67
35260		07 17 06.81	−12 50 46.4	7.95		H	109.278 372 47	−12.846 216 48		1.69	−0.58	2.34	0.72	0.67	1.09	0.74	0.73	−17	+23	−30	−22	+22	−26	+15	−17	−10	−3	2	−0.67
35261	H	07 17 06.96	−12 02 01.6	6.72	2	G	109.278 992 07	−12.033 769 09	A	16.03	30.21	−62.58	1.76	1.54	1.64	1.56	1.36	−13	+23	−26	−20	+5	−36	−1	+2	−1	−20	4	0.39
35262		07 17 07.21	−28 36 01.4	7.12		H	109.280 035 00	−28.600 375 88		3.35	−14.82	−4.48	0.44	0.56	0.73	0.50	0.64	+25	−6	−15	+1	−14	+3	−15	−22	+10	+21	0	−0.88
35263	H	07 17 07.35	−13 59 23.3	7.74		G	109.280 638 18	−13.989 814 03	A	0.28	−1.93	1.28	0.85	0.91	1.26	0.95	1.10	−32	+21	−33	+2	+20	−13	+16	−3	−7	−32	1	0.86
35264	H	07 17 08.56	−37 05 51.0	2.71	2	G	109.285 683 99	−37.097 486 89	A	2.98	−10.57	7.00	0.46	0.52	0.55	0.44	0.60	+9	+2	+13	−1	+0	+19	−4	−7	−14	+1	4	2.48
35265		07 17 09.57	+33 05 32.9	6.93		H	109.289 888 11	+33.092 475 34		36.50	−58.27	−173.21	0.97	0.63	1.06	1.04	0.62	−5	+43	−33	+29	+5	+5	+11	−6	+4	+22	0	1.52
35266		07 17 09.72	+16 17 30.3	7.93		H	109.290 501 16	+16.291 757 19		3.95	18.77	−18.05	1.03	0.60	1.15	1.19	0.87	−1	+14	+11	−13	+17	−21	+14	−53	−25	−7	0	−0.25
35267		07 17 10.27	−24 21 07.5	7.85	1	H	109.292 802 52	−24.352 094 97		1.55	−3.10	3.33	0.48	0.58	0.94	0.60	0.74	+15	+0	−13	−26	+10	−8	+10	−24	+8	+7	0	0.14
35268		07 17 11.44	+13 51 56.7	7.80		G	109.297 672 17	+13.865 757 07		6.96	1.99	−23.40	0.80	0.40	1.04	1.04	0.63	−14	+42	−3	−25	−9	−34	+1	−40	+10	+12	0	0.59
35269		07 17 12.35	+11 07 35.4	7.55		H	109.301 452 62	+11.126 500 42		4.52	−11.45	−15.91	0.82	0.49	0.97	0.94	0.62	−23	+31	−19	−20	+17	−20	+18	−46	+11	−16	0	2.02
35270		07 17 12.99	+75 11 43.2	8.44		H	109.304 117 16	+75.195 337 21		2.27	−13.02	3.49	0.62	0.71	0.98	0.71	0.87	+16	+18	+1	+19	−10	+18	−6	−9	+18	+26	2	−0.64
35271		07 17 13.07	−04 48 02.4	8.26		H	109.304 450 95	−04.800 675 21		5.66	−4.48	−1.00	0.87	0.59	1.02	0.85	0.59	+3	+41	−15	−22	−10	−4	−2	−44	+19	+3	0	−1.40
35272		07 17 13.30	+31 57 42.0	7.82		H	109.305 434 44	+31.961 665 30		3.74	−21.65	−43.71	1.13	0.68	1.12	1.41	0.70	+1	+33	−12	+37	−4	−7	+5	−2	+2	+24	3	1.41
35273		07 17 15.63	+26 21 49.4	7.28		H	109.315 106 73	+26.363 715 63		9.05	−26.46	−5.54	1.06	0.73	1.20	1.41	0.76	+15	+27	−47	−18	−29	+4	−22	−33	+12	+50	3	0.73
35274		07 17 16.10	+68 27 46.2	10.20		H	109.317 077 65	+68.462 830 95		26.98	249.44	29.51	1.48	1.78	2.68	1.39	2.18	+25	+4	−2	−29	−21	+1	−22	−37	+6	+34	0	
35275		07 17 17.17	+18 21 41.8	8.97		H	109.321 545 43	+18.361 598 84		1.83	11.47	−17.88	1.22	0.64	1.24	1.16	0.77	+17	+43	−13	−2	−9	+3	−7	−33	+13	+9	0	0.25
35276	H	07 17 17.38	+37 43 31.2	9.37		H	109.322 437 33	+37.725 345 64	B	3.52	8.07	−31.01	5.04	2.77	3.83	7.28	3.96	−22	+33	−13	+13	−21	+6	+8	−29	+18	+58	0	−0.47
35277		07 17 17.74	+48 27 50.9	7.69		H	109.323 915 95	+48.464 134 77		7.35	−13.00	−39.00	0.76	0.55	0.89	0.90	0.54	−12	+36	−11	−2	−20	−2	−15	−34	−15	+11	0	2.24
35278		07 17 17.80	+06 40 51.6	6.64		G	109.324 161 01	+06.680 994 95		0.43	−6.92	−8.07	0.74	0.45	0.75	0.73	0.50	+22	+23	−10	−41	−31	−9	−31	−41	+10	+10	0	1.76
35279		07 17 17.99	−40 39 24.6	7.57		H	109.324 949 98	−40.656 836 67		15.70	50.41	115.81	0.50	0.56	0.63	0.51	0.68	+10	−2	−8	−8	−10	+11	−11	−1	−9	+6	0	−0.98
35280		07 17 18.74	+20 44 40.7	7.75		H	109.328 089 49	+20.744 647 93		6.20	−22.58	−25.22	0.91	0.67	1.09	1.04	0.69	−27	+34	−35	−4	+23	−36	+10	−18	−10	−5	0	0.21
35281		07 17 19.17	+01 43 40.0	11.67	3	H	109.329 874 47	+01.727 788 35		4.59	0.55	3.05	3.00	1.90	3.42	3.05	2.20	+29	+6	−34	−45	−25	−11	−31	−52	+31	+7	0	−0.81
35282		07 17 19.94	+35 59 50.3	7.81		H	109.333 074 24	+35.997 299 24		4.61	−16.08	−37.15	1.13	0.68	1.21	1.32	0.84	−25	+23	+19	+6	+4	+9	+6	−50	−11	−19	0	−0.45
35283		07 17 20.17	+58 02 58.1	7.54		H	109.334 037 53	+58.049 480 16		8.89	−19.57	−46.98	0.79	0.53	1.03	0.93	0.79	−23	+43	−27	+51	+3	+14	+26	−38	+24	−20	1	0.85
35284		07 17 20.64	−18 15 49.1	8.52		H	109.336 000 33	−18.263 627 74		0.53	−1.72	−1.58	0.79	0.88	1.31	1.24	1.14	−31	+24	−30	+0	+25	−13	+19	−32	+9	−34	0	−1.01
35285		07 17 21.21	+00 38 55.0	7.78		H	109.338 376 34	+00.648 598 35		3.74	8.32	−15.08	0.93	0.60	1.05	0.97	0.74	+20	+24	+1	−31	−15	−21	−20	−42	+9	−12	0	−1.67
35286		07 17 22.39	−29 07 51.9	7.11		H	109.343 309 01	−29.131 093 84		3.69	−1.70	−6.25	0.42	0.56	0.74	0.50	0.64	+17	−2	−24	+18	−8	+15	−7	−13	+23	+11	0	−0.17
35287		07 17 25.74	−39 01 29.2	7.38		H	109.357 238 39	−39.024 783 02		2.52	−11.61	6.72	0.47	0.48	0.60	0.52	0.62	+2	+2	−13	+16	+2	+12	+4	+20	−15	+2	0	−0.24
35288		07 17 26.62	−38 54 48.4	6.77		H	109.360 898 73	−38.913 441 48		5.30	−10.62	55.38	0.45	0.49	0.59	0.45	0.62	+5	−4	−11	+6	+3	+2	+5	+20	−25	+2	0	0.23
35289		07 17 26.76	−20 27 49.0	8.86	1	H	109.361 479 50	−20.463 603 57		3.39	−4.07	3.09	0.72	0.81	1.08	0.82	0.90	−43	+26	−38	−22	+15	−2	+15	−18	−1	−31	0	−0.99
35290	H	07 17 26.91	−18 43 13.8	8.91		H	109.362 141 00	−18.720 491 09	A	5.82	0.88	−1.82	2.70	3.26	4.77	3.70	3.97	−17	+19	−25	+7	+15	−34	+7	+4	+6	−33	8	4.29
35291		07 17 27.04	+46 19 26.1	7.70		H	109.362 657 62	+46.323 913 03		3.76	−30.49	−4.73	0.88	0.65	1.00	1.20	0.64	+7	+21	−19	−23	−39	+6	−26	−50	+6	+29	0	−0.08
35293		07 17 27.90	−57 53 37.9	7.81		H	109.366 266 52	−57.893 855 37		4.07	22.99	−36.54	0.57	0.56	0.60	0.69	0.71	−4	+8	+6	+11	−9	+6	−13	−6	+6	−23	1	−0.44
35294		07 17 28.13	−75 40 50.4	9.08		H	109.367 214 83	−75.680 669 26		4.87	17.65	−1.91	0.79	0.73	0.81	0.79	0.80	−6	+18	+13	−7	−7	+1	−7	−3	+4	−21	0	0.67
35295		07 17 28.48	−21 04 00.1	9.86	2	H	109.368 646 24	−21.066 699 57		−0.41	−2.71	2.62	0.94	1.18	1.60	1.13	1.30	−39	+21	−30	−9	+12	−12	+12	−17	+12	−26	0	1.25
35296	H	07 17 29.58	−46 58 50.4	6.70		G	109.373 239 47	−46.980 664 37	A	67.69	−18.46	585.03	0.81	0.84	0.86	1.11	0.95	+1	−2	+9	+7	+0	+27	−1	+16	−12	−5	2	−0.32
35297		07 17 29.73	+33 12 01.9	8.93		H	109.373 859 31	+33.200 537 46		6.11	18.75	−35.95	1.43	1.00	1.62	1.60	1.01	−29	+48	−42	+31	−2	+21	+16	−10	+12	+13	0	2.14
35298		07 17 30.54	+31 41 53.2	6.75		H	109.377 262 48	+31.698 105 96		5.91	−4.57	−21.65	1.00	0.62	1.05	1.28	0.60	+3	+39	−36	+26	−17	+11	+5	−21	+18	+42	0	−0.08
35299		07 17 31.44	−02 53 14.0	9.21		G	109.381 000 77	−02.887 220 35		2.26	−6.06	−1.68	1.09	0.73	1.19	1.13	0.85	−6	+34	+2	−31	−1	−12	−5	−41	−8	−14	0	−0.22
35300		07 17 31.61	−05 49 21.5	7.23	1	H	109.381 712 76	−05.822 629 67		5.02	−11.50	−3.03	0.75	0.59	0.92	0.85	0.59	+18	+9	−33	−30	−28	+25	−14	−56	+33	+47	0	−0.07

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
35201	10.441	0.028	8.434	0.010		1.700	0.024	T	2.15	0.06	O	8.2957	0.0030	0.039	148		8.23	8.35		U 2			1 S							
35202	5.623	0.002	5.782	0.003		−0.133	0.002	G	−0.12	0.00	H	5.7621	0.0008	0.007	126		5.75	5.77					1						S
35203	10.898	0.046	9.905	0.030		0.857	0.043	T	0.90	0.04	L	9.9912	0.0029	0.026	105		9.96	10.03					1 S						G
35204	9.471	0.012	8.424	0.008		0.909	0.011	T	0.91	0.01	L	8.4848	0.0016	0.020	225		8.45	8.52					1						S
35205	6.724	0.005	4.857	0.003		1.589	0.028	G	2.11	0.02	A	4.7283	0.0024	0.018	145		4.70	4.75		U 2			1 S						S
35206	8.734	0.012	7.802	0.009		0.824	0.011	T	0.85	0.01	L	7.8461	0.0015	0.009	82		7.83	7.86		C			1						S
35207	8.281	0.011	8.057	0.013	*	0.208	0.017	T	0.23	0.02	L *	8.1053	0.0013	0.012	102	*	8.08	8.13		D	07166−4614	I 1	2 C A	AB	270	7.962	0.005	1.85	0.03	S
35208	7.331	0.004	7.541	0.005		−0.182	0.006	T	−0.19	0.01	L	7.5120	0.0011	0.012	234		7.49	7.53		C			1							S
35209	8.087	0.009	7.412	0.007		0.609	0.015	G	0.68	0.01	H	7.4704	0.0012	0.009	92		7.45	7.48		C			1							S
35210	7.050	0.006	5.019	0.003	A	1.601	0.015	G	1.77	0.02	G	4.9479	0.0095	0.023	176	A	4.91	4.98		D	07166−2319	I 2	1 C P C							S
35211	8.082	0.009	7.548	0.008		0.518	0.007	G	0.59	0.01	H	7.5995	0.0011	0.012	89		7.57	7.62					1 G							S
35212	9.214	0.016	8.276	0.012		0.800	0.020	G	0.92	0.02	A	8.4017	0.0646	0.312	71		7.88	8.61	4.68	P 1 A			1							
35213	6.312	0.005	5.983	0.006	B	0.317	0.009	T	0.37	0.01	L	6.0994	0.0208			B				D	07166−2319	I 2	1 C I C							S
35214	9.890	0.026	9.197	0.022		0.640	0.028	T	0.70	0.03	L	9.2431	0.0026	0.019	73		9.20	9.28		C			1 S							
35215	9.569	0.018	8.455	0.013		0.960	0.017	T	0.95	0.01	L	8.5016	0.0016	0.015	105		8.48	8.53		C			1							
35216	9.892	0.019	9.568	0.021		0.308	0.026	T	0.35	0.04	L	9.6860	0.0019	0.027	161		9.63	9.73					1							
35217	7.672	0.006	7.708	0.008		−0.028	0.009	T	−0.01	0.01	L	7.7252	0.0011	0.011	126		7.71	7.74					1						S
35218	7.984	0.009	8.003	0.011		−0.013	0.013	T	0.01	0.01	L	8.0231	0.0011	0.010	82		8.01	8.04					1 S							
35219	7.247	0.006	6.805	0.005	*	0.417	0.007	T	0.48	0.01	L *	6.8470	0.0009	0.007	118	*	6.83	6.86		C	07167+1609	H 1	2 C S A	AB	169	0.138	0.008	1.46	0.29	S
35220	7.263	0.005	7.197	0.006		0.060	0.007	T	0.07	0.01	L	7.2204	0.0009	0.008	127		7.21	7.24		C			1							S
35221	9.582	0.023	8.690	0.017	*	0.810	0.015	G	0.85	0.01	H *	8.7402	0.0019	0.016	79	*	8.72	8.76		D	07168+0059	I 1	2 C A	AB	259	0.398	0.005	0.09	0.04	
35222											T	10.8287	0.1657			B				D	07168+2432	I 2	1 C I A							
35223	11.025	0.053	9.037	0.017		1.684	0.046	T	2.31	0.09	O	8.8661	0.0041	0.027	102		8.82	8.91		U 2			1 X							
35224	7.410	0.009	7.329	0.008	A	0.080	0.011	T	0.09	0.01	L	7.3502	0.0076	0.014	59	A	7.33	7.38		D	07168+2432	I 2	1 C P A							S
35225	10.271	0.027	8.744	0.014		1.283	0.024	T	1.24	0.03	L	8.7550	0.0015	0.014	112		8.73	8.78		C			1							
35226	4.806	0.003	4.993	0.002		−0.161	0.003	T	−0.16	0.00	L	4.9693	0.0005	0.005	116		4.96	4.98					1							S
35227	9.595	0.019	8.530	0.013		0.923	0.017	T	0.92	0.01	L	8.5979	0.0024	0.018	115		8.56	8.63			07168+0922	I 1	1							
35228	4.940	0.003	4.056	0.002		0.760	0.025	G	0.78	0.02	A	4.1197	0.0005	0.004	105		4.11	4.13					1							S
35229	7.170	0.004	7.040	0.004		0.118	0.005	T	0.13	0.01	L	7.0703	0.0008	0.011	264		7.05	7.09					1							S
35230	9.770	0.021	7.905	0.009		1.550	0.018	T	1.62	0.03	L	7.8715	0.0019	0.015	87		7.85	7.90		C			1							
35231	8.222	0.012	7.718	0.013		0.510	0.015	G	0.58	0.02	H	7.7679	0.0012	0.009	95		7.75	7.78		C			1							S
35232	10.185	0.025	9.737	0.025		0.458	0.005	G	0.53	0.01	H	9.8036	0.0020	0.017	117		9.77	9.83					1							
35233	10.897	0.054	10.003	0.038		0.780	0.051	T	0.82	0.04	L	9.9767	0.0018	0.024	125		9.93	10.01					1							G
35234	9.740	0.019	9.414	0.021		0.309	0.026	T	0.35	0.04	L	9.4426	0.0015	0.017	134		9.42	9.47					1							
35235	8.791	0.010	8.354	0.010		0.433	0.001	G	0.50	0.00	H	8.4022	0.0015	0.014	142		8.37	8.43		C			1							S
35236	10.092	0.022	8.589	0.011		1.264	0.019	T	1.22	0.02	L	8.5947	0.0015	0.016	116		8.57	8.62		C			1							
35237	8.779	0.015	8.723	0.018		0.056	0.022	T	0.07	0.02	L	8.7360	0.0018	0.013	78		8.72	8.76		C			1							
35238	9.717	0.020	8.565	0.013		0.990	0.019	T	0.97	0.01	L	8.6244	0.0019	0.015	111		8.60	8.64		C			1							
35239	9.302	0.016	8.904	0.017		0.377	0.022	T	0.44	0.02	L	8.9308	0.0019	0.016	95		8.90	8.96					1							
35240	10.172	0.027	9.056	0.017		0.962	0.025	T	0.95	0.02	L	9.1318	0.0019	0.016	109		9.10	9.16					1							
35241	6.552	0.004	6.318	0.005		0.200	0.015	G	0.27	0.03	C	6.3672	0.0009	0.008	138		6.35	6.38		C	07170−3054	I 2	1							S
35242	8.308	0.011	7.996	0.012		0.286	0.005	G	0.33	0.01	H	8.0837	0.0018	0.017	135		8.05	8.11			07170−3054	I 2	1							S
35243	7.566	0.007	7.131	0.006		0.435	0.006	G	0.50	0.01	H	7.1789	0.0010	0.010	116		7.16	7.20		C			1 G							S
35244	8.052	0.010	7.683	0.013		0.336	0.003	G	0.39	0.00	H	7.7448	0.0018	0.013	75		7.72	7.76		C			1							S
35245	7.979	0.008	7.688	0.007		0.276	0.011	T	0.31	0.01	L	7.7392	0.0017	0.019	164		7.71	7.77					1							S
35246	12.007	0.143	10.795	0.072		1.030	0.128	T	1.00	0.10	L	10.7938	0.0042	0.038	113		10.71	10.87					1 S							G
35247	11.607	0.077	9.620	0.021		1.683	0.066	T	1.72	0.17	K	9.4026	0.0066	0.069	150		9.24	9.54		U 2			1 S							P
35248	7.457	0.006	7.272	0.007		0.177	0.009	T	0.19	0.01	L	7.3047	0.0013	0.011	120		7.29	7.32		C			1							S
35249	7.763	0.007	7.805	0.008		−0.030	0.015	G	−0.01	0.01	H	7.8099	0.0009	0.010	129		7.79	7.83					1							S
35250	9.977	0.021	8.843	0.014		0.976	0.020	T	0.96	0.02	L	8.9028	0.0018	0.019	146		8.87	8.94		C			1							
35251	8.317	0.013	8.126	0.014		0.183	0.018	T	0.20	0.02	L	8.1613	0.0018	0.013	90		8.14	8.18					1							S
35252	8.923	0.020	8.862	0.025		0.061	0.030	T	0.07	0.02	L	8.8724	0.0023	0.016	69		8.84	8.90		C			1							
35253	7.515	0.009	6.493	0.006	*	0.883	0.002	G	0.96	0.07	F *	6.5400	0.0008	0.007	63	*	6.53	6.56		D	07171+2641	H 1	2 C S A	AB	231	0.172	0.004	0.71	0.17	S
35254	8.778	0.013	8.599	0.015		0.171	0.019	T	0.19	0.02	L	8.6328	0.0018	0.013	77		8.61	8.66		C			1							
35255	8.313	0.009	7.119	0.006		1.022	0.008	T	1.00	0.01	L	7.1791	0.0009	0.010	138		7.16	7.20					1							S
35256	10.066	0.040	8.868	0.025		1.025	0.037	T	1.00	0.03	L	8.9069	0.0019	0.014	71		8.89	8.94		C			1							
35257	8.637	0.013	7.919	0.011		0.670	0.018	G	0.73	0.01	H	7.9760	0.0015	0.012	91		7.96	8.00		C			1							S
35258	7.940	0.009	7.454	0.010		0.448	0.001	G	0.52	0.00	H	7.5124	0.0011	0.011	91		7.50	7.53		C			1 S							S
35259	9.142	0.016	8.080	0.011		0.921	0.015	T	0.92	0.01	L	8.1401	0.0014	0.010	86		8.13	8.16		C			1							
35260	9.676	0.025	8.081	0.013		1.337	0.022	T	1.30	0.03	L	8.1008	0.0014	0.015	89		8.08	8.12					1							
35261	7.172	0.007	6.673	0.005	*	0.436	0.011	G	0.50	0.01	R *	6.7635	0.0030	0.021	75	−	6.73	6.80		U 2	07171−1202	I 1	3 C B							S G
35262	7.105	0.004	7.121	0.006		−0.013	0.006	T	0.01	0.01	L	7.1247	0.0007	0.011	165		7.11	7.14					1							S
35263	7.758	0.008	7.784	0.010	A	−0.015	0.007	G	0.01	0.01	R *	7.7480	0.0014	0.012	109	*	7.73	7.77		D	07171−1359	I 1	2 C B	AB	55	1.832	0.019	3.56	0.12	S
35264	4.812	0.004	2.901	0.003	*	1.616	0.015	G	1.65	0.02	A *	2.8296	0.0021	0.021	111	*	2.80	2.86		U 2	07171−3706	I 1	2 C B	AC	148	0.716	0.022	4.00	0.14	S P
35265	7.713	0.011	7.007	0.009		0.631	0.003	G	0.70	0.00	H	7.0672	0.0012	0.008	54		7.05	7.08		C			1							S
35266	9.694	0.023	8.062	0.011		1.372	0.021	T	1.34	0.03	L	8.0514	0.0013	0.013	101		8.03	8.08		R			1							
35267	7.650	0.005	7.811	0.007		−0.148	0.015	G	−0.15	0.02	H	7.7944	0.0015	0.017	223		7.77	7.83		M			1							S
35268	8.355	0.007	7.847	0.007		0.498	0.015	G	0.57	0.02	H	7.9111	0.0008	0.009	163		7.90	7.92		C			1							S
35269	7.563	0.006	7.540	0.008		0.026	0.009	T	0.04	0.01	L	7.5670	0.0011	0.011	114		7.55	7.58					1							S
35270	8.765	0.009	8.467	0.010		0.293	0.015	G	0.33	0.02	H	8.5107	0.0020	0.021	154		8.48	8.55					1 G							
35271	8.647	0.014	8.280	0.015		0.348	0.019	T	0.41	0.03	L	8.3432	0.0022	0.014	82		8.32	8.36		C			1							
35272	9.131	0.024	7.911	0.015		1.043	0.022	T	1.01	0.02	L	7.9892	0.0018	0.011	54		7.97	8.01					1							
35273	8.795	0.018	7.416	0.011		1.150	0.005	G	1.09	0.06	F	7.4530	0.0017	0.008	52		7.44	7.48		C			1							S
35274	11.664	0.070	10.301	0.034		1.190	0.015	G	1.32	0.03	I	10.3187	0.0029	0.033	189		10.27	10.37		C			1 X S							G
35275	9.285	0.019	9.002	0.021		0.269	0.027	T	0.30	0.03	L	9.0473	0.0021	0.015	81		9.02	9.07		C			1							
35276	10.366	0.030	9.502	0.023	*	0.773	0.029	T	0.81	0.02	L *	9.5207	0.0022	0.020	110	*	9.48	9.55		D	07173+3744	M 1	2 C A	BA	240	0.655	0.006	0.40	0.02	
35277	7.814	0.010	7.695	0.009		0.115	0.013	T	0.13	0.01	L	7.7315	0.0015	0.012	88		7.71	7.75		C			1							S
35278	6.496	0.005	6.613	0.005		−0.109	0.009	G	−0.09	0.01	H	6.6106	0.0007	0.006	112		6.60	6.63					1							S
35279	8.434	0.009	7.644	0.008		0.701	0.009	T	0.76	0.01	L	7.7047	0.0010	0.011	132		7.68	7.73		C			1							S
35280	9.094	0.019	7.873	0.012		1.043	0.018	T	1.01	0.01	L	7.9209	0.0011	0.008	59		7.91	7.94		C			1							S
35281											T	11.7501	0.0675	0.412	72		11.13	12.16	0.48	P 1 A			1							D
35282	9.041	0.017	7.907	0.011		0.976	0.016	T	0.96	0.01	L	7.9738	0.0010	0.010	82		7.96	7.99		D			1							S
35283	7.948	0.009	7.583	0.007		0.346	0.011	T	0.41	0.01	L	7.6264	0.0009	0.012	142		7.61	7.64		C			1 G							S
35284	10.092	0.024	8.639	0.013		1.225	0.021	T	1.18	0.02	L	8.6855	0.0020	0.018	110		8.65	8.72					1							
35285	8.941	0.016	7.885	0.011		0.916	0.015	T	0.91	0.01	L	7.9351	0.0014	0.011	84		7.91	7.95		C			1							S
35286	7.197	0.005	7.117	0.005		0.060	0.000	G	0.07	0.00	H	7.1368	0.0010	0.011	169		7.11	7.15					1							S
35287	7.240	0.005	7.344	0.007		−0.089	0.007	T	−0.07	0.01	L	7.3520	0.0012	0.009	116		7.34	7.37					1							S
35288	8.526	0.012	6.911	0.006		1.352	0.011	T	1.32	0.01	L	6.9211	0.0010	0.010	124		6.91	6.94		C			1							S
35289	8.751	0.010	8.832	0.013		−0.095	0.002	G	−0.08	0.00	H	8.8364	0.0028	0.025	133		8.79	8.88		U			1							
35290	8.927	0.017	8.688	0.015	*	0.223	0.023	T	0.25	0.03	L *	8.9849	0.0019	0.018	110	*	8.96	9.02		D	07175−1843	I 1	2 C A	AB	8	2.870	0.008	0.31	0.05	
35291	9.165	0.013	7.828	0.008		1.134	0.012	T	1.10	0.01	L	7.8673	0.0016	0.014	113		7.85	7.89		C			1							
35293	9.222	0.013	7.951	0.008		1.082	0.012	T	1.04	0.01	L	7.9809	0.0011	0.010	112		7.97	8.00		C			1							
35294	10.511	0.035	9.219	0.019		1.099	0.031	T	1.06	0.03	L	9.2443	0.0021	0.019	121		9.20	9.27					1							
35295	10.022	0.023	9.893	0.029		0.146	0.015	G	0.16	0.01	H	9.9129	0.0045	0.044	129		9.82	9.98		U 2			1 S							G
35296			7.437	0.013	*	0.975	0.006	G	1.05	0.02	A *	6.8306	0.0019	0.014	93	*	6.81	6.85		D	07175−4659	I 1	2 C A	AB	211	0.869	0.003	1.22	0.01	S
35297	10.228	0.040	9.060	0.025		1.002	0.037	T	0.98	0.03	L	9.0940	0.0019	0.017	51		9.06	9.12		C			1							
35298	6.671	0.006	6.735	0.009		−0.058	0.002	G	−0.04	0.00	H	6.7339	0.0008	0.005	57		6.72	6.74		C			1							S
35299	9.338	0.019	9.226	0.023		0.120	0.020	G	0.13	0.02	H	9.2413	0.0022	0.020	84		9.21	9.27		C			1							
35300	7.101	0.006	7.202	0.008		−0.081	0.015	G	−0.06	0.02	H	7.2057	0.0029	0.025	86		7.17	7.24	0.59	P 1 A			1							S P

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
35301		07 17 31.68	−06 40 48.1	6.29	1	H	109.381 989 49	−06.680 026 20		1.93	−25.31	12.09	0.68	0.49	0.78	0.70	0.49	+6	+29	+1	−25	+3	+7	+4	−47	+2	+10	2	0.85
35302		07 17 32.02	−22 49 47.8	9.17	1	H	109.383 399 41	−22.829 957 15		5.25	−4.99	1.24	0.95	0.92	1.37	1.11	1.10	−23	+19	−8	−17	−5	−28	−5	−4	+8	−35	8	2.30
35303		07 17 32.95	−18 47 40.6	7.87		H	109.387 290 91	−18.794 597 98		1.50	6.14	−19.11	0.67	0.67	0.96	0.88	0.84	−24	+19	−18	+12	+6	−25	+0	−11	+13	−36	0	−2.43
35304		07 17 33.72	+52 07 52.0	5.93		H	109.390 501 18	+52.131 114 63		5.35	−0.63	−17.80	0.62	0.54	0.76	0.81	0.62	−10	+16	−9	−24	−10	+10	−8	−45	−8	−8	0	−0.60
35305		07 17 35.07	−15 38 35.5	10.80		G	109.396 127 55	−15.643 188 64		−2.39	3.99	9.07	1.68	1.66	2.54	1.83	2.02	−7	+18	−32	−10	+18	−23	+12	+1	−9	+11	0	−0.17
35306		07 17 35.27	−03 44 52.7	7.38		H	109.396 973 23	−03.747 985 27		2.04	−11.74	−4.25	0.88	0.58	1.02	0.89	0.63	−12	+41	−29	−14	−5	−1	+2	−29	+16	+2	0	0.78
35307		07 17 36.24	+58 24 20.8	11.91		G	109.401 009 33	+58.405 779 42		−1.80	18.97	−33.57	2.03	1.53	2.97	2.56	1.91	−5	+15	−2	+35	+18	+10	+5	−18	−12	−28	0	−0.15
35308		07 17 36.48	−71 20 03.9	9.01		H	109.401 991 29	−71.334 415 73		3.11	−10.31	31.69	0.77	0.64	0.76	0.81	0.67	−9	+30	−4	−31	+0	−7	+5	−15	+17	−14	0	−0.17
35309		07 17 37.38	+00 10 52.6	7.85		G	109.405 763 40	+00.181 280 42		2.65	−9.28	−22.27	0.84	0.55	0.93	0.84	0.59	+3	+26	−14	−37	−11	−18	−13	−39	+5	−1	0	0.69
35310	H	07 17 38.52	+09 17 32.5	6.72		H	109.410 489 10	+09.292 362 17	A	22.85	4.44	−114.02	2.45	1.23	1.79	2.65	1.41	−21	+4	−1	−34	+0	−17	−1	−36	−1	−13	6	1.38
35311		07 17 38.67	−29 01 00.1	11.09		G																							
35312		07 17 39.10	−61 25 21.4	8.89	2	H	109.412 917 37	−61.422 605 95		2.02	−7.11	16.17	0.77	0.87	0.87	0.81	1.10	+1	+2	+25	−2	−6	+6	−7	+12	+1	−13	0	0.38
35313		07 17 39.16	−59 15 43.9	7.55		H	109.413 148 17	−59.262 195 05		6.00	−14.63	30.40	0.53	0.55	0.57	0.60	0.71	+5	+5	+14	+7	−10	+0	−12	+3	+10	−8	1	1.84
35314		07 17 40.59	+40 56 42.6	7.45		H	109.419 110 72	+40.945 169 70		9.01	−2.66	−22.16	1.12	0.68	1.37	1.70	0.87	−11	+37	−32	+12	−24	+47	+13	−54	+26	+41	0	1.27
35315		07 17 40.90	−26 40 29.3	8.76		H	109.420 425 25	−26.674 802 12		4.09	3.55	1.48	0.56	0.80	1.09	0.70	0.98	+20	+1	−16	+6	−1	−1	−1	−31	+8	+20	0	−1.80
35316		07 17 41.04	−23 10 59.1	8.14		H	109.420 988 24	−23.183 076 74		0.81	−1.97	3.69	0.55	0.59	0.85	0.73	0.77	−5	+8	−16	+7	−10	−5	−11	−4	+5	−9	0	0.98
35317		07 17 42.65	+38 52 34.8	6.48		G	109.427 704 86	+38.876 336 00		6.22	−4.58	−29.33	0.91	0.45	0.89	1.14	0.73	+2	+39	+6	+12	−18	+0	−12	−28	+3	+17	0	0.55
35318		07 17 42.77	−54 29 55.4	9.27		H	109.428 207 51	−54.498 724 56		8.32	−6.58	−43.48	0.92	0.81	0.95	1.19	1.04	+1	+10	−10	−11	−8	+23	−4	−3	−9	−24	3	−1.18
35319	H	07 17 43.06	−40 15 12.0	8.92		H	109.429 424 70	−40.253 345 08	A	0.53	−3.44	14.78	1.25	1.32	1.39	1.26	1.45	−4	+4	+1	−12	−11	+1	−14	−13	−17	−1	2	0.61
35320	H	07 17 44.59	+07 47 45.8	8.05		H	109.435 807 89	+07.796 067 45	A	0.12	−2.73	1.65	1.66	0.91	1.67	1.68	1.18	−11	+47	−10	−28	+4	−19	+7	−35	+11	−7	0	0.36
35321		07 17 45.28	+51 39 05.1	8.04		H	109.438 687 21	+51.651 417 85		4.40	0.20	−29.18	0.90	0.75	0.96	1.16	0.86	−36	+8	+4	−40	+29	+17	+27	−60	−20	−37	0	−0.69
35322		07 17 45.83	−01 32 59.7	8.48		G	109.440 953 20	−01.549 913 77		−0.09	−0.94	2.10	0.87	0.57	1.01	0.93	0.64	−13	+38	−17	−35	+7	−27	+5	−34	+9	−9	0	0.54
*35323		07 17 47.00	−25 59 08.7	7.83		H	109.445 813 20	−25.985 741 11		13.46	−20.40	29.17	0.42	0.58	0.86	0.46	0.68	+10	+5	−8	+32	−3	+3	−2	−13	+7	+12	2	−0.61
*35324		07 17 46.86	+24 31 40.6	9.14		H	109.445 259 28	+24.527 934 78		0.20	−4.99	−5.83	1.39	1.00	1.43	1.80	1.23	+7	−8	−26	−20	−36	+15	−34	−20	+16	+7	0	0.66
35325		07 17 47.11	−36 08 35.0	9.06		H	109.446 296 38	−36.143 068 12		0.99	1.82	−19.68	0.64	0.78	0.92	0.75	1.08	−9	−3	−4	−7	−1	+16	−1	−12	+0	−12	0	2.54
35326		07 17 48.01	−26 47 51.2	6.45		H	109.450 053 53	−26.797 559 49		3.54	−0.73	1.56	0.35	0.48	0.64	0.45	0.55	+24	+4	−15	+9	−3	+5	−2	−23	+10	+25	0	−0.88
35327	H	07 17 48.25	−44 00 10.9	9.48		H	109.451 038 64	−44.003 033 94	A	5.38	−7.63	−38.29	1.58	1.75	1.76	1.65	1.69	−10	−1	+0	+2	−4	−11	−9	−29	+8	−30	0	−1.39
35328		07 17 48.34	−28 17 10.5	8.34		H	109.451 399 91	−28.286 261 47		0.34	−5.48	4.02	0.53	0.70	0.88	0.60	0.77	+27	−5	−13	+9	−16	+0	−18	−25	+4	+21	0	−1.85
35329		07 17 49.41	−23 11 27.7	8.69		H	109.455 892 33	−23.191 038 34		1.68	−3.85	1.59	0.57	0.63	0.89	0.72	0.82	+0	+17	−13	−11	−9	−1	−10	−18	−3	+0	0	0.94
35330		07 17 52.35	−33 26 40.1	8.90		H	109.468 108 31	−33.444 478 17		0.91	−7.14	3.38	0.79	0.90	1.08	0.99	1.27	+2	+9	−8	+26	−3	+12	−2	+18	−4	+3	0	−0.58
35331		07 17 52.73	+19 32 49.7	8.43		H	109.469 727 85	+19.547 146 76		3.70	−10.22	−1.91	0.98	0.68	1.08	1.07	0.72	−12	+34	−28	+0	−4	−6	−2	−10	+4	+12	0	1.95
35332		07 17 53.25	−31 41 39.2	8.64		H	109.471 861 29	−31.694 226 61		14.58	−30.25	−59.39	0.57	0.76	0.90	0.65	0.97	+18	+6	−13	−19	−12	−1	−13	−10	+7	+21	0	−2.09
35333		07 17 54.54	+26 19 59.4	7.61		H	109.477 233 55	+26.333 155 29		5.36	−15.35	−3.31	1.14	0.83	1.30	1.65	0.85	+13	+23	−50	−30	−31	−2	−28	−38	+8	+54	6	−0.24
35334		07 17 54.64	+44 34 54.8	9.10		H	109.477 658 67	+44.581 898 17		2.48	−2.61	−7.68	1.23	0.85	1.38	1.63	0.94	−21	+25	−20	−6	−10	+15	+4	−39	+14	+11	0	−0.49
35335	H	07 17 57.25	+68 44 32.1	8.86		H	109.488 533 48	+68.742 259 74	*	4.50	−6.39	−3.25	0.70	0.80	1.34	0.70	1.09	+28	+6	−3	+2	−14	+3	−12	−18	+15	+43	0	0.32
35336		07 17 57.39	+28 29 19.2	8.40		H	109.489 137 54	+28.488 660 64		7.65	−51.23	−52.39	1.17	0.78	1.25	1.13	0.78	−24	+48	−10	+3	+6	−2	+0	−24	−13	−15	0	1.74
35337		07 17 57.67	−13 53 15.7	7.53		H	109.490 275 91	−13.887 682 00		11.20	−56.05	68.40	0.53	0.59	0.93	0.64	0.72	−12	+15	−26	+8	+26	−26	+20	+8	−12	+5	0	0.83
35338		07 18 00.64	+38 21 51.2	8.24		H	109.502 680 23	+38.364 213 93		−0.25	11.10	−8.15	1.24	0.64	1.23	1.51	1.00	−3	+33	+9	+25	−15	−3	−12	−16	+4	+0	0	−1.84
35339		07 18 01.36	+45 07 43.5	7.61		H	109.505 673 03	+45.128 737 94		14.14	−3.95	−64.36	1.01	0.56	1.09	1.03	0.70	−0	+44	−10	−27	−18	−10	−12	−45	+14	−6	0	−0.20
35340		07 18 01.98	−02 32 55.0	8.96		G	109.508 267 42	−02.548 616 59		3.02	−3.19	1.58	1.00	0.63	1.11	1.07	0.73	+0	+41	−3	−28	−1	−17	−2	−33	+1	−10	0	3.24
35341		07 18 02.22	+40 53 00.1	5.87		H	109.509 270 66	+40.883 362 98		12.18	−15.04	12.15	0.80	0.48	0.92	1.26	0.61	−17	+37	−27	+12	−27	+33	+10	−53	+23	+41	0	0.39
35342		07 18 02.66	−30 56 16.1	7.97		H	109.511 092 55	−30.937 809 50		3.04	−3.50	3.62	0.47	0.66	0.79	0.60	0.86	+13	+2	−19	−8	−5	+14	−2	−11	+17	+23	0	−0.54
35343		07 18 03.05	−03 06 52.8	7.90		H	109.512 727 05	−03.114 654 26		3.63	−0.09	−5.34	0.82	0.56	0.93	0.87	0.61	−9	+26	−28	−26	−4	−10	−4	−33	+12	−2	0	0.83
35344	H	07 18 03.96	+24 04 39.0	8.37		H	109.516 510 29	+24.077 490 36	A	6.00	−5.59	−9.99	2.26	1.82	1.81	1.92	1.38	−23	+23	−20	−3	+0	+7	+3	−19	+27	−27	2	−0.45
*35345		07 18 04.09	+30 57 21.3	6.19		H	109.517 059 09	+30.955 926 78		5.33	−4.90	−22.39	0.98	0.56	1.04	1.03	0.52	−4	+54	−33	+16	−9	+2	−1	−20	+3	+30	0	1.08
*35346		07 18 04.08	+34 57 13.4	9.65		H	109.516 987 48	+34.953 722 93	B	7.89	−47.99	−35.64	35.57	23.52	14.05	34.58	18.87	+17	+16	+7	−6	−17	+41	−16	−36	−3	+23	7	1.46
35347		07 18 04.26	−43 59 12.4	5.86		H	109.517 737 75	−43.986 772 55		5.25	−9.82	−5.56	0.41	0.40	0.48	0.43	0.42	−5	+2	+2	+10	−7	+4	−10	−10	−5	−17	1	−0.18
35348		07 18 04.44	−30 27 11.7	8.28		H	109.518 482 77	−30.453 255 33		0.98	0.92	0.16	0.53	0.70	0.92	0.63	0.90	+3	−1	−17	+3	−2	+21	+1	+6	+11	+12	3	−0.48
35349		07 18 05.48	+34 57 06.3	8.10		G	109.522 834 01	+34.951 756 06	A	6.94	−3.99	−27.69	4.16	3.16	4.45	7.34	2.98	+17	+5	+1	−20	−14	+43	−13	−44	+4	+26	7	1.46
35350		07 18 05.61	+16 32 25.7	3.58		G	109.523 361 62	+16.540 475 26		34.59	−46.09	−37.90	0.82	0.47	0.93	0.96	0.60	−2	+34	−20	−11	+24	−43	+15	−34	−4	+1	0	−0.43
35351		07 18 07.99	+45 38 35.5	10.30		H	109.533 297 92	+45.643 204 72		5.29	−6.12	−25.67	1.54	1.10	1.83	1.91	1.20	−14	+25	+2	−34	−21	+7	−18	−45	−17	−2	0	0.99
35352		07 18 08.22	−10 39 33.1	8.28		H	109.534 263 55	−10.659 206 00		2.87	−3.74	−5.90	0.99	0.67	1.16	1.20	0.82	+15	+15	−21	−48	−21	+14	−18	−40	+30	+46	2	0.47
35353		07 18 08.34	+39 16 30.3	10.30		G	109.534 761 11	+39.275 091 80		69.21	−212.36	−115.83	2.00	1.11	2.16	3.38	2.13	+3	+6	+5	−24	−30	+29	−20	−61	+15	+39	0	0.81
35354		07 18 09.11	+41 32 08.1	9.73		H	109.537 951 07	+41.535 572 30		3.07	−0.22	−25.21	1.48	0.88	1.58	2.38	1.26	+0	+21	−21	+17	−27	+12	−2	−33	+20	+47	2	0.20
35355		07 18 09.64	−15 37 42.0	8.92	2	G	109.540 161 66	−15.628 327 84		2.37	−0.63	1.24	0.93	0.91	1.38	1.00	1.02	−3	+9	−33	−9	+11	−13	+9	−16	+4	+6	0	−0.36
35356		07 18 09.91	−30 05 04.6	9.74	2	H	109.541 297 17	−30.084 604 10		0.90	−1.79	7.47	0.72	0.99	1.26	0.86	1.30	+14	+12	−9	+17	+4	+18	+8	+0	+11	+19	0	0.57
35357		07 18 11.19	−49 04 23.8	8.37		H	109.546 605 56	−49.073 268 16		1.26	−2.13	19.85	0.71	0.73	0.82	0.84	1.00	−10	+14	+5	−3	+2	−3	+4	−7	+17	−30	0	−1.23
35358		07 18 12.28	−22 20 21.6	6.70		H	109.551 165 80	−22.339 333 52		1.72	−2.35	−0.02	0.58	0.53	0.78	0.76	0.62	−18	+17	−26	+0	+9	−10	+3	−14	−10	−22	2	1.45
35359		07 18 12.30	−51 03 00.4	7.52		G	109.551 235 60	−51.050 097 71		20.17	25.95	−152.15	0.52	0.57	0.60	0.65	0.72	−4	+14	−8	−5	+2	−12	+6	+11	+12	−25	1	−0.02
35360		07 18 12.93	−40 05 01.3	7.93		H	109.553 889 98	−40.083 686 41		3.33	0.26	−22.41	0.55	0.61	0.71	0.58	0.72	+5	+10	−11	+3	−6	+15	−7	−1	−11	−6	0	0.06
35361		07 18 13.00	−33 27 53.3	8.83		H	109.554 170 78	−33.464 800 85		9.04	−64.60	−3.96	0.67	0.75	0.93	0.80	1.06	+0	+11	−8	+24	+1	+2	+1	+13	−1	−2	1	0.32
35362		07 18 14.60	+15 26 35.1	9.12		H	109.560 840 38	+15.443 089 52		8.08	−7.88	−3.22	0.98	0.64	1.15	1.11	0.93	−10	+25	+29	−20	+16	−8	+9	−53	−25	−29	2	0.68
35363		07 18 18.40	−36 44 02.3	4.65		G	109.576 670 37	−36.733 966 60	*	3.85	−11.29	1.85	1.55	1.77	0.72	1.57	1.97	+1	−22	+6	−89	+1	+29	+0	−88	−5	−1	3	−0.74
35364		07 18 18.44	+35 11 51.8	9.95		H	109.576 829 45	+35.197 735 67		0.17	−16.66	−15.97	1.75	1.26	1.90	2.39	1.42	−13	+24	+8	+19	−6	+28	−10	−18	−13	−19	0	0.73
35365		07 18 18.73	+39 36 52.0	11.20		H	109.578 044 96	+39.614 446 21		0.86	−5.95	−2.92	2.66	1.60	2.96	4.74	2.79	−19	+13	+0	−29	−11	+40	+5	−69	+11	+24	0	0.10
35366		07 18 19.01	−15 34 59.5	11.09		G	109.579 199 55	−15.583 186 67		2.58	4.36	6.66	2.13	2.00	3.08	2.29	2.30	−6	+10	−31	−18	+14	−15	+11	−18	+5	−1	2	−2.60
35367		07 18 19.28	+50 30 15.8	8.02		H	109.580 353 99	+50.504 376 64		4.05	5.15	4.51	0.90	0.73	1.10	1.17	0.84	−16	+14	+20	−8	+0	+14	−3	−37	−22	−15	0	0.89
35368		07 18 20.91	+70 55 09.8	8.67		H	109.587 139 78	+70.919 382 36		0.22	−0.13	2.01	0.53	0.72	1.13	0.66	0.91	+19	+15	+10	+11	−1	+5	+2	−9	+6	+30	0	−0.92
35369		07 18 21.09	+17 00 14.1	8.56		H	109.587 890 13	+17.003 930 02		6.13	−9.23	−4.43	1.04	0.64	1.17	1.17	0.74	−6	+40	−32	−24	+5	−29	−1	−29	+8	+6	0	2.10
35370		07 18 21.94	−24 51 11.9	8.91		G	109.591 403 55	−24.853 300 52		0.60	−2.45	2.78	0.58	0.78	1.12	0.70	1.10	+12	+2	−18	−2	+10	−11	+10	+4	−10	+10	1	−0.91
35371		07 18 22.70	+53 19 07.5	9.03		H	109.594 577 83	+53.318 746 93		2.13	7.48	−43.02	1.04	0.80	1.21	1.34	0.96	−10	+25	−3	+8	−22	−8	−19	−14	+2	−8	0	−0.04
35372	H	07 18 26.25	+30 49 27.8	8.16		H	109.609 366 30	+30.824 394 63	*	3.35	−4.56	−3.69	1.21	0.74	1.21	1.29	0.77	+0	+44	−24	+31	−8	+4	−4	+7	+4	+10	0	1.00
35373		07 18 27.09	−23 33 26.8	7.84		H	109.612 891 97	−23.557 448 07		3.95	4.93	−0.25	0.54	0.65	0.97	0.71	0.94	+13	+7	−15	−4	−4	−3	−4	−14	−1	+22	0	0.66
35374	H	07 18 27.12	−57 21 06.5	7.90	2	H	109.613 006 95	−57.351 809 34	A	17.11	9.30	−29.15	2.45	2.41	0.92	1.38	1.53	+23	−6	+12	+16	−8	−8	−21	−13	+6	−42	3	1.32
35375		07 18 28.19	−17 11 23.8	9.07		G	109.617 449 02	−17.189 934 20		0.21	−0.44	2.29	1.05	1.12	1.40	1.28	1.23	−68	+31	−13	−30	+47	−9	+53	−54	+10	−40	0	−1.19
35376		07 18 28.58	−41 57 30.8	8.15		H	109.619 085 44	−41.958 557 23		3.86	5.14	−6.20	0.57	0.69	0.74	0.57	0.70	+12	+6	−6	−10	−15	+7	−16	−16	−4	+1	2	−1.47
35377		07 18 28.77	+27 15 11.6	8.02		H	109.619 856 51	+27.253 235 79		28.19	156.11	−157.81	1.19	0.76	1.34	1.09	0.70	−24	+52	−38	−5	−14	−3	−11	−16	+3	+0	0	0.36
35378		07 18 29.13	−13 13 01.5	11.45		G	109.621 389 09	−13.217 093 70		−1.84	−2.99	3.46	1.59	1.78	2.73	1.76	2.21	−39	+20	−29	−1	+29	−22	+27	−5	−8	−27	0	−0.06
35379		07 18 29.15	−49 21 26.6	9.57		H	109.621 460 08	−49.357 380 01		3.25	−2.66	16.59	0.88	1.05	1.08	1.06	1.37	+3	+11	+17	+0	+4	+9	+0	−13	+8	−24	0	0.03
*35380		07 18 30.89	+04 03 01.8	8.27		H	109.628 726 50	+04.050 512 11		4.95	−6.75	−1.12	0.98	0.60	1.10	0.99	0.65	+3	+38	−21	−34	−14	−8	−7	−47	+21	+12	0	−0.10
*35381		07 18 30.87	+25 17 58.2	9.81		H	109.628 619 85	+25.299 509 04	A	6.61	−5.53	−8.81	2.67	1.84	2.57	3.35	1.93	−1	+22	−41	−24	−39	+16	−32	−22	+15	+17	6	−0.47
35382		07 18 31.00	+41 52 18.3	8.41		G	109.629 174 15	+41.871 736 72		11.64	−2.11	−25.19	1.01	0.61	1.14	1.52	0.78	+0	+24	−22	+8	−33	+16	−4	−45	+26	+46	0	−0.54
35383		07 18 31.21	−07 50 11.4	8.87		G	109.630 053 94	−07.836 509 11		0.08	−1.57	−0.41	1.30	0.83	1.37	1.37	0.87	−12	+8	−8	−54	+14	+12	+15	−54	+6	+10	0	0.33
35384		07 18 31.98	+49 27 53.1	5.00		H	109.633 246 02	+49.464 746 19		10.97	−1.36	3.91	0.66	0.49	0.76	0.81	0.52	+10	+32	+4	−31	−27	+0	−25	−55	−19	+20	0	1.76
35385		07 18 32.10	−32 20 48.7	6.99		G	109.633 767 43	−32.346 853 46		3.29	−3.40	7.50	0.44	0.52	0.64	0.50	0.68	+5	+3	−9	+30	+1	+7	+1	+16	+15	+4	0	0.20
*35386	H	07 18 32.46	−36 46 08.1	8.10		H	109.635 256 91	−36.768 911 52	C	4.70	−7.57	9.83	1.22	1.45	1.47	1.24	1.79	+3	−7	−1	−12	−3	+19	−3	−8	+2	+2	2	1.01
*35387		07 18 32.46	−43 55 28.6	9.38		H	109.635 237 64	−43.924 608 33		6.81	12.23	3.11	0.79	0.88	0.97	0.92	1.08	−12	+8	+6	−6	+7	−6	+8	−29	−6	−21	1	0.59
35388		07 18 32.48	+43 02 28.6	9.17		H	109.635 341 75	+43.041 266 30		2.09	−5.37	−20.08	1.40	0.72	1.41	1.55	0.86	−25	+51	−20	+29	+7	+1	+24	−31	+1	+19	0	0.21
35389		07 18 32.86	+17 53 41.6	9.68	2	H	109.636 923 44	+17.894 890 39		52.47	−25.74	11.31	27.13	19.30	28.98	26.45	19.01	−13	+25	−28	−28	−8	+9	−6	−38	+3	−23	0	
35390		07 18 33.18	−36 53 36.6	9.03		G	109.638 246 21	−36.893 503 09		1.54	0.64	16.92	0.73	0.84	1.02	0.79	1.09	+2	+2	+4	−10	−5	+20	−6	+11	+3	−1	0	1.21
35391	H	07 18 33.41	−30 47 55.7	7.01		H	109.639 200 12	−30.798 798 33	A	2.50	−2.51	4.63	1.10	1.41	1.53	1.29	1.65	+0	+4	−24	−16	−3	+11	+0	−5	−8	+1	4	2.69
*35392		07 18 33.57	+17 52 37.6	9.10		H	109.639 872 36	+17.877 110 35		0.27	2.13	−12.98	1.13	0.70	1.19	1.12	0.78	+1	+39	−18	−18	−16	−14	−20	−22	+0	−7	0	0.59
*35393		07 18 33.52	−39 12 37.1	5.24		H	109.639 666 07	−39.210 307 01		6.95	−9.95	9.01	0.39	0.40	0.49	0.45	0.47	+6	+2	−2	+11	−8	+15	−9	+1	−5	+2	0	1.01
35394		07 18 34.84	−42 27 51.8	8.85		H	109.645 169 02	−42.464 384 20		2.80	4.25	0.54	0.73	0.81	0.90	0.79	0.87	+8	−3	+4	+7	−20	+12	−21	+1	−1	+3	1	0.90
35395		07 18 36.10	+00 16 43.2	7.30		H	109.650 419 68	+00.278 670 53		4.64	−3.10	−7.41	0.78	0.52	0.93	0.98	0.77	+4	+22	−7	−29	−9	−25	−13	−30	+8	−16	0	−1.22
35396		07 18 36.16	−38 30 18.7	9.09		H	109.650 665 05	−38.505 182 02		2.09	−4.34	13.96	0.66	0.79	0.91	0.68	1.00	−7	+11	−18	−9	+5	−11	+1	+28	−19	−2	0	−1.97
*35397		07 18 36.27	−23 06 30.9	9.52		H	109.651 112 70	−23.108 595 30		3.27	−4.71	−2.81	0.91	0.98	1.38	1.21	1.26	−20	+12	−23	−3	+2	−8	+0	−5	−2	−12	0	−0.59
*35398		07 18 36.25	+58 55 07.5	7.60		G	109.651 022 79	+58.918 739 42		10.06	−10.40	−5.44	0.63	0.49	0.89	0.73	0.58	−2	+25	−3	+23	+15	+8	+9	−23	−3	−14	0	−0.88
35399		07 18 36.42	+48 14 12.6	9.89		H	109.651 746 88	+48.236 829 05		5.37	12.22	1.34	1.30	1.05	1.58	1.59	1.17	−25	+29	−17	−6	+3	−11	+6	−34	+2	−8	0	0.94
35400		07 18 36.68	+03 56 47.0	8.49		H	109.652 844 35	+03.946 401 25		6.38	−13.80	−2.13	1.01	0.63	1.14	1.01	0.67	+3	+38	−19	−31	−5	−12	−1	−48	+17	+6	0	0.88

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
35301	8.423	0.012	6.490	0.005		1.624	0.008	G	1.60	0.01	J	6.4093	0.0019	0.014	86		6.39	6.44		U 2			1							S
35302	9.184	0.013	9.198	0.017		−0.008	0.020	T	0.01	0.02	L	9.1758	0.0025	0.028	127		9.12	9.23		U			1 S							
35303	9.820	0.019	8.015	0.009		1.510	0.015	G	1.54	0.02	J	7.9944	0.0015	0.015	113		7.97	8.03		C			1							
35304	7.574	0.007	6.078	0.003		1.259	0.006	T	1.22	0.01	L	6.0941	0.0008	0.006	85		6.08	6.11		C			1							S
35305						1.016	0.005	G	0.99	0.00	I	10.9566	0.0041	0.044	88		10.90	11.01		C			1							D
35306	7.192	0.005	7.352	0.008		−0.140	0.008	T	−0.13	0.01	L	7.3342	0.0013	0.013	95		7.31	7.36					1							S
35307						0.020	0.015	G	0.04	0.01	H	12.0446	0.0077	0.054	106		11.95	12.12					1							G
35308	10.508	0.032	9.126	0.017		1.169	0.028	T	1.13	0.03	L	9.1756	0.0020	0.018	117		9.15	9.20					1							
35309	7.853	0.010	7.859	0.015		−0.001	0.015	G	0.02	0.01	H	7.8533	0.0010	0.009	86		7.84	7.87		C			1							S
35310	7.438	0.010	6.784	0.007	*	0.565	0.020	G	0.54	0.02	H *	6.8278	0.0010	0.013	111	*	6.81	6.86		R	07176+0918	I 1	2 C A	AB	77	0.760	0.004	0.21	0.01	S
35311						1.510	0.020	G	2.16	0.30	K	11.0639	0.0069	0.074	157		10.97	11.21		D			S							G G
35312	11.126	0.060	9.154	0.020		1.635	0.050	T	1.66	0.05	L	8.9980	0.0044	0.032	97		8.95	9.04		U 2			1							
35313	7.802	0.007	7.569	0.008		0.199	0.002	G	0.22	0.00	H	7.6140	0.0012	0.010	114		7.60	7.64					1							S
35314	8.722	0.013	7.553	0.009		1.003	0.012	T	0.98	0.01	L	7.6184	0.0015	0.011	91		7.60	7.64		C			1							S
35315	10.129	0.021	8.877	0.012		1.068	0.019	T	1.03	0.02	L	8.9298	0.0015	0.018	170		8.89	8.96					1							
35316	8.011	0.007	8.119	0.010		−0.093	0.011	T	−0.07	0.01	L	8.1180	0.0012	0.014	150		8.09	8.14					1							
35317	7.761	0.007	6.599	0.005		0.995	0.005	G	0.97	0.00	H	6.6450	0.0007	0.008	112		6.63	6.66		C			1							S
35318	9.890	0.023	9.333	0.022		0.513	0.005	G	0.59	0.01	H	9.3869	0.0022	0.019	94		9.35	9.42		C			1							
35319	10.335	0.030	9.043	0.016	*	1.099	0.027	T	1.06	0.03	L *	9.0911	0.0018	0.019	121	*	9.06	9.13		C	07177−4015	I 1	2 C C	AB	124	0.966	0.045	3.49	0.21	
35320	8.000	0.008	8.040	0.010	A	−0.013	0.100	G	−0.06	0.08	L *	8.0233	0.0007	0.008	109	*	8.01	8.04		D	07177+0748	I 1	2 C B	AB	11	4.230	0.031	3.77	0.14	
35321	8.066	0.009	8.037	0.011		0.031	0.013	T	0.05	0.01	L	8.0536	0.0012	0.011	84		8.04	8.08		D			1							
35322	8.374	0.011	8.443	0.015		−0.089	0.004	G	−0.07	0.01	H	8.4559	0.0016	0.016	93		8.43	8.48					1							
35323	8.319	0.006	7.890	0.006		0.419	0.007	T	0.49	0.01	L	7.9262	0.0012	0.014	223		7.90	7.96			07178−2559	I 1	1							S
35324	9.095	0.018	9.095	0.023		0.005	0.027	T	0.03	0.03	L	9.1547	0.0044	0.021	57		9.12	9.19					1							
35325	11.155	0.064	9.268	0.021		1.601	0.056	T	2.13	0.12	O	9.1288	0.0023	0.023	119		9.09	9.16					1							
35326	6.242	0.003	6.416	0.003		−0.153	0.006	G	−0.15	0.01	H	6.3926	0.0007	0.008	177		6.38	6.41					1							S
35327	10.247	0.027	9.579	0.024	A	0.673	0.096	G	0.73	0.08	R *	9.6229	0.0023	0.025	116	*	9.59	9.66		C	07178−4400	H 1	2 C D	AB	270	1.188	0.051	3.06	0.30	D
35328	8.244	0.008	8.314	0.010		−0.059	0.012	T	−0.04	0.01	L	8.3247	0.0014	0.021	183		8.29	8.36					1							
35329	8.468	0.009	8.664	0.013		−0.171	0.014	T	−0.18	0.02	L	8.6255	0.0016	0.014	149		8.60	8.65		C			1							
35330	11.001	0.050	9.074	0.018		1.599	0.042	T	1.62	0.04	L	9.0149	0.0022	0.024	114		8.98	9.06					1							
35331	8.719	0.015	8.451	0.017		0.260	0.015	G	0.29	0.02	H	8.4980	0.0022	0.014	52		8.47	8.54		C			1							
35332	9.535	0.016	8.717	0.013		0.722	0.016	T	0.77	0.01	L	8.7751	0.0018	0.017	136		8.75	8.81					1							
35333	8.903	0.018	7.742	0.012		0.997	0.017	T	0.98	0.01	L	7.7788	0.0013	0.010	52		7.76	7.80		C			1							S
35334	10.872	0.047	9.218	0.021		1.383	0.041	T	1.36	0.05	L	9.2522	0.0028	0.024	102		9.21	9.29					1							
35335	8.977	0.009	8.852	0.011	*	0.121	0.013	T	0.14	0.01	L *	8.9076	0.0017	0.022	189	*	8.87	8.96		C	07180+6845	H 1	2 C S B	AB	242	0.195	0.069	2.29	0.81	S
35336	9.007	0.020	8.439	0.017		0.531	0.023	T	0.60	0.02	L	8.5211	0.0020	0.015	58		8.49	8.54		C			1							
35337	8.018	0.009	7.587	0.009		0.421	0.010	T	0.49	0.01	L	7.6294	0.0011	0.010	103		7.62	7.65		C			1							S
35338	10.085	0.030	8.391	0.013		1.415	0.026	T	1.40	0.04	L	8.3792	0.0020	0.019	106		8.35	8.41					1							
35339	8.128	0.007	7.663	0.008		0.441	0.015	G	0.51	0.02	H	7.7121	0.0012	0.010	121		7.70	7.73					1 G							S
35340	8.880	0.013	8.956	0.018		−0.052	0.015	G	−0.03	0.01	H	8.9415	0.0015	0.014	83		8.92	8.97		C			1							
35341	6.089	0.003	5.892	0.004		0.181	0.005	T	0.20	0.01	L	5.9277	0.0007	0.006	98		5.92	5.94		C			1							S
35342	7.852	0.007	7.951	0.009		−0.081	0.002	G	−0.06	0.00	H	7.9433	0.0011	0.013	130		7.92	7.96		C			1							S
35343	8.022	0.010	7.908	0.012		0.111	0.015	T	0.12	0.01	L	7.9464	0.0014	0.010	87		7.92	7.96		C			1							S
35344	8.687	0.015	8.435	0.017	*	0.240	0.022	T	0.27	0.03	L *	8.4378	0.0015	0.010	51	*	8.42	8.45		D	07181+2405	I 1	2 C A	AB	158	0.393	0.009	1.77	0.05	
35345	6.153	0.005	6.189	0.005		−0.024	0.004	G	0.00	0.00	H	6.1930	0.0009	0.005	57		6.18	6.20		C			1							S
35346	10.061	0.045	9.600	0.047	B	0.435	0.060	T	0.50	0.06	L	9.6007	0.0934			B				D	07180+3457	I 2	1 C I A							
35347	5.715	0.003	5.833	0.003		−0.117	0.005	G	−0.10	0.01	H	5.8208	0.0007	0.006	118		5.81	5.83		C			1							S
35348	8.201	0.008	8.262	0.010		−0.060	0.015	G	−0.04	0.01	H	8.2665	0.0014	0.013	131		8.25	8.29					1							
35349	8.569	0.017	8.110	0.016	A	0.428	0.015	G	0.50	0.02	H	8.1987	0.0312	0.072	41	A	8.11	8.31		D	07180+3457	I 2	1 C P A							S
35350	3.723	0.003	3.593	0.002		0.106	0.006	G	0.12	0.02	G	3.6148	0.0004	0.003	76		3.61	3.62		C	07181+1632	I 1	1							S
35351	10.992	0.043	10.339	0.037		0.606	0.048	T	0.68	0.04	L	10.4259	0.0032	0.030	128		10.38	10.48		C			1							G
35352	8.173	0.008	8.250	0.011		−0.066	0.012	T	−0.04	0.01	L	8.2631	0.0016	0.012	78		8.24	8.28		C			1							
35353	12.227	0.184	10.523	0.064		1.508	0.020	G	2.13	0.15	I	10.3880	0.0041	0.026	98		10.35	10.44					1							G
35354	10.236	0.033	9.733	0.033		0.473	0.042	T	0.54	0.04	L	9.8293	0.0028	0.024	90		9.78	9.87		C			1							
35355	9.154	0.019	8.972	0.022		0.191	0.006	G	0.21	0.01	H	8.9836	0.0042	0.036	92		8.94	9.04		U 2			1							
35356	9.861	0.021	9.803	0.029		0.058	0.033	T	0.07	0.03	L	9.7679	0.0059	0.098	139		9.71	10.04	1.31	P 1 A			1							G
35357	10.582	0.036	8.564	0.013		1.709	0.032	T	1.99	0.08	O	8.4550	0.0019	0.017	98		8.43	8.48					1							
35358	8.240	0.010	6.810	0.005		1.207	0.009	T	1.17	0.01	L	6.8595	0.0010	0.010	118		6.85	6.88		C			1							S
35359	8.195	0.010	7.587	0.009		0.556	0.015	G	0.63	0.01	H	7.6351	0.0009	0.008	108		7.62	7.65		C			1							S
35360	9.343	0.015	8.053	0.009		1.097	0.014	T	1.06	0.01	L	8.0997	0.0017	0.015	121		8.07	8.13					1							
35361	9.579	0.020	8.897	0.017		0.619	0.020	T	0.69	0.02	L	8.9633	0.0022	0.018	114		8.93	8.99		C			1							
35362	9.663	0.022	9.164	0.022		0.480	0.024	T	0.55	0.03	L	9.2245	0.0015	0.015	116		9.19	9.25					1							
35363	4.550	0.008	4.686	0.009		−0.099	0.010	G	0.11	0.02	A	4.6661	0.0064	0.066	116		4.51	4.71		D	07184−3645	I 3	1 V							S
35364	10.394	0.064	10.014	0.064		0.360	0.084	T	0.42	0.09	L	10.0310	0.0033	0.024	38		9.99	10.09					1							G
35365						0.501	0.072	G	0.57	0.08	R	11.3091	0.0033	0.034	96		11.26	11.38		C			1							G
35366						0.997	0.004	G	0.98	0.00	I	11.2708	0.0060	0.046	90		11.18	11.33					1							D
35367	8.065	0.011	8.025	0.013		0.042	0.016	T	0.06	0.01	L	8.0420	0.0016	0.011	77		8.02	8.07					1							S
35368	9.871	0.014	8.777	0.010		0.945	0.013	T	0.94	0.01	L	8.8312	0.0015	0.022	225		8.80	8.87					1							S
35369	9.240	0.021	8.644	0.019		0.556	0.025	T	0.63	0.02	L	8.6830	0.0017	0.012	70		8.67	8.70		C			1							S
35370	8.766	0.011	8.926	0.016		−0.130	0.015	G	−0.12	0.02	H	8.8786	0.0019	0.023	209		8.84	8.93					1							G
35371	10.498	0.035	9.147	0.019		1.145	0.031	T	1.11	0.03	L	9.1963	0.0028	0.021	87		9.16	9.23		C			1							
35372	8.353	0.013	8.200	0.015	*	0.147	0.019	T	0.16	0.02	L *	8.2156	0.0021	0.012	55	*	8.20	8.26		C	07184+3049	H 1	2 C S B	AB	185	0.117	0.023	1.47	1.02	
35373	9.297	0.013	7.951	0.008		1.141	0.012	T	1.10	0.01	L	8.0051	0.0014	0.015	179		7.97	8.03					1							
35374	8.735	0.013	8.014	0.011	*	0.662	0.014	T	0.72	0.01	L *	8.0346	0.0031	0.021	113	*	8.00	8.07		U 2	07184−5721	I 1	2 C A	AD	233	0.301	0.003	0.71	0.05	S
35375	9.275	0.014	9.078	0.017		0.230	0.020	G	0.26	0.03	H	9.1311	0.0021	0.018	116		9.10	9.16		C			1							
35376	9.837	0.022	8.295	0.011		1.295	0.019	T	1.25	0.02	L	8.3076	0.0012	0.014	131		8.29	8.34					1							
35377	8.817	0.014	8.077	0.012		0.627	0.005	G	0.69	0.00	H	8.1535	0.0019	0.011	75		8.13	8.18		C			1							S
35378						0.266	0.015	G	0.30	0.02	H	11.4420	0.0053	0.050	109		11.35	11.52		C			1							D
35379	10.885	0.043	9.661	0.025		1.046	0.039	T	1.02	0.03	L	9.7403	0.0032	0.026	111		9.70	9.78					1							
35380	8.382	0.010	8.293	0.012		0.087	0.015	T	0.10	0.02	L	8.3087	0.0011	0.013	94		8.29	8.33					1							S
35381	11.180	0.088	9.899	0.044	A	1.090	0.077	T	1.05	0.08	L	9.9771	0.0103	0.016	55	A	9.95	10.03			07185+2518	M 1	2 C A	AB	184	12.558	0.013	1.80	0.06	G
35382	8.873	0.014	8.432	0.014		0.441	0.015	G	0.51	0.02	H	8.5044	0.0013	0.012	101		8.48	8.53		C			1							
35383	8.792	0.016	8.831	0.021		−0.070	0.015	G	−0.05	0.01	H	8.8677	0.0021	0.012	63		8.85	8.89		C			1							
35384	5.133	0.003	5.028	0.002		0.087	0.009	G	0.16	0.03	C	5.0523	0.0007	0.006	93		5.04	5.06		C			1							S
35385	6.875	0.004	6.976	0.005		−0.089	0.001	G	−0.07	0.00	H	6.9621	0.0011	0.011	129		6.94	6.98					1							S
35386	8.245	0.015	8.100	0.015	*	0.132	0.020	T	0.15	0.02	L *	8.1485	0.0017	0.014	121	*	8.13	8.18		D	07184−3645	I 3	2 C A	CD	212	3.035	0.004	0.54	0.02	S
35387	9.970	0.022	9.425	0.021		0.517	0.023	T	0.59	0.02	L	9.4883	0.0016	0.019	114		9.45	9.52		C			1 G							
35388	9.338	0.018	9.167	0.022		0.164	0.027	T	0.18	0.03	L	9.2251	0.0021	0.022	84		9.19	9.26		C			1							
35389	9.901	0.033	9.613	0.036		0.274	0.046	T	0.31	0.06	L	9.7584	0.0023	0.021	73		9.73	9.79		U			1 X							G G
35390	11.069	0.133	9.252	0.047		1.470	0.015	G	1.48	0.02	H	9.1725	0.0023	0.021	126		9.14	9.20					1							
35391	6.724	0.006	6.916	0.008	*	−0.185	0.008	G	−0.19	0.01	H *	6.9471	0.0010	0.010	136	*	6.93	6.97		D	07186−3048	I 1	2 C A	AB	77	3.035	0.002	0.25	0.01	S
35392	9.069	0.017	9.061	0.021		0.012	0.025	T	0.03	0.02	L	9.1149	0.0020	0.015	73		9.09	9.14		C			1							
35393	5.280	0.003	5.252	0.003		0.026	0.004	T	0.04	0.00	L	5.2607	0.0006	0.005	121		5.25	5.27		C			1							S
35394	10.131	0.023	8.972	0.015		0.995	0.021	T	0.97	0.02	L	9.0207	0.0017	0.023	130		8.97	9.05		C			1							
35395	7.597	0.008	7.320	0.007		0.260	0.015	G	0.29	0.02	H	7.3666	0.0006	0.006	80		7.35	7.38		D			1							S
35396	10.886	0.042	9.273	0.018		1.351	0.036	T	1.32	0.04	L	9.2401	0.0014	0.020	137		9.20	9.27					1 S							
35397	9.488	0.017	9.486	0.023		0.003	0.025	T	0.02	0.02	L	9.5293	0.0024	0.025	127		9.48	9.58		C			1							G
35398	8.018	0.010	7.617	0.009		0.387	0.015	G	0.45	0.02	H	7.6814	0.0013	0.012	102		7.65	7.70			07186+5856	I 1	1							S
35399	10.378	0.039	9.879	0.040		0.469	0.051	T	0.54	0.05	L	9.9955	0.0019	0.028	86		9.95	10.04					1							
35400	8.716	0.012	8.519	0.014		0.188	0.017	T	0.21	0.02	L	8.5538	0.0016	0.014	95		8.53	8.58		C			1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
35401		07 18 36.81	−27 44 28.0	8.59		H	109.653 369 05	−27.741 118 17		1.21	−0.41	8.07	0.65	0.75	1.06	0.79	0.99	+19	−4	−6	+31	−7	+0	−2	−16	+3	+30	0	−2.46
35402		07 18 37.04	+47 08 11.4	7.66		H	109.654 342 55	+47.136 491 48		2.64	−6.48	−21.34	0.81	0.62	0.97	1.20	0.66	+2	+8	−30	−23	−35	+27	−17	−52	+20	+33	0	0.15
35403		07 18 37.11	−69 19 37.9	8.09		H	109.654 625 58	−69.327 188 91		2.71	11.65	−27.11	0.55	0.58	0.59	0.59	0.57	+1	+13	+10	+11	−4	+2	−6	−8	+9	−14	1	−0.95
35404		07 18 37.36	+16 35 10.7	8.45		H	109.655 669 83	+16.586 291 85		4.77	0.96	−18.22	1.23	0.78	1.42	1.38	0.87	−13	+38	−35	−26	+20	−36	+7	−34	−2	−1	0	0.79
35405		07 18 38.13	+11 04 13.3	7.99		H	109.658 859 82	+11.070 371 09		1.97	−6.56	−47.05	0.88	0.55	1.01	1.05	0.73	−26	+19	−5	−30	+24	−12	+22	−54	+9	−35	0	0.97
35406		07 18 38.19	−36 44 33.9	5.11		G	109.659 136 32	−36.742 749 35		3.90	−10.15	5.90	0.40	0.45	0.55	0.45	0.59	+0	−5	−1	+7	+4	+23	+5	+7	+4	+1	0	1.52
35407	H	07 18 38.52	−29 17 45.1	8.74	2	H	109.660 479 95	−29.295 854 27	*	2.06	−2.96	8.38	0.65	0.77	1.01	0.74	1.02	+16	+7	−12	+30	+6	+10	+7	−4	+6	+13	0	1.32
35408		07 18 38.86	−63 23 12.2	7.37		H	109.661 921 18	−63.386 729 20		5.71	−15.60	12.93	0.56	0.52	0.57	0.71	0.60	−4	+11	+14	−7	−1	−8	+1	−3	+2	−23	1	−0.08
35409		07 18 39.77	+48 07 23.6	8.33		H	109.665 696 94	+48.123 221 31		0.17	6.53	9.08	1.28	0.75	1.38	1.28	0.94	−8	+48	−8	+7	−6	−9	+7	−36	+24	−12	0	2.13
35410		07 18 40.19	+38 15 40.7	10.46		H	109.667 442 32	+38.261 295 75		1.67	−4.12	−13.77	1.91	0.92	1.98	2.26	1.52	−9	+44	+13	+20	−13	+0	−11	−33	−10	−1	2	−0.30
35411		07 18 40.34	+14 21 48.3	7.77		H	109.668 067 77	+14.363 429 78		3.02	−6.82	−3.77	0.82	0.44	0.93	1.05	0.68	−27	+32	+7	−33	+9	−7	+12	−52	−5	−7	2	−0.53
35412		07 18 40.38	−24 33 31.3	4.88	2	H	109.668 253 35	−24.558 707 61		1.09	−2.84	2.68	0.37	0.44	0.65	0.46	0.54	+22	+10	−22	−21	+19	−17	+18	−4	+9	+17	0	−1.07
35413		07 18 41.41	−20 07 51.4	8.64		G	109.672 537 67	−20.130 951 68		2.19	−4.16	3.35	0.67	0.83	1.14	0.84	1.00	−31	+24	−23	+2	−11	−14	−12	+8	+6	−29	4	2.94
*35414		07 18 42.57	+27 59 30.4	9.70		H	109.677 363 84	+27.991 783 79		2.26	5.30	−10.63	1.43	1.14	1.74	1.71	1.09	−16	+24	−43	−6	+21	−18	+10	−21	−20	+4	0	−0.32
*35415	H	07 18 42.49	−24 57 15.8	4.37	1	H	109.677 032 83	−24.954 384 47	*	1.02	−1.82	3.74	0.59	0.94	0.71	0.45	0.59	+29	+4	+2	−13	+3	−8	+2	−17	+0	+10	7	3.02
*35416	H	07 18 42.51	+63 31 27.0	9.57		H	109.677 127 43	+63.524 156 59	B	4.57	−5.85	−26.33	3.02	3.50	5.31	5.06	4.01	+2	−7	+8	−9	+23	+45	+8	−57	−11	−29	1	−0.69
35417	H	07 18 44.65	−16 16 39.1	8.96		H	109.686 058 65	−16.277 529 45	A	0.75	0.42	2.78	2.15	2.16	2.75	2.08	2.00	−13	+11	−30	+14	+17	−8	+21	−6	−6	+11	3	1.83
35418		07 18 45.74	−55 16 50.3	7.78		G	109.690 594 19	−55.280 643 95		3.69	−6.32	32.01	0.59	0.55	0.61	0.69	0.72	−2	+19	−6	+16	−4	+10	−4	+8	−4	−8	1	−0.64
35419		07 18 46.23	+08 29 12.9	7.09		H	109.692 610 93	+08.486 908 39		3.06	4.38	−28.33	0.76	0.46	0.84	0.89	0.60	−4	+19	−10	−29	−4	−7	−4	−40	+1	+4	0	1.95
35420	H	07 18 46.38	−60 36 09.4	8.95		G	109.693 260 02	−60.602 611 52	*	4.64	−6.26	10.14	0.76	0.85	0.85	0.82	0.96	+7	+4	+30	+20	−13	+7	−21	−5	+1	−11	0	−1.86
35421		07 18 47.26	−26 57 06.7	8.82		G	109.696 922 43	−26.951 868 40		0.90	−3.24	3.19	0.58	0.72	1.00	0.76	0.97	+18	+7	−19	+17	+3	+8	+9	−18	+16	+30	0	0.47
35422		07 18 47.72	−72 11 13.0	8.84		H	109.698 818 60	−72.186 939 97		2.33	0.77	23.17	0.76	0.67	0.80	0.75	0.73	+17	+32	+7	−28	−7	−14	−7	−5	−6	+16	0	−1.14
35423		07 18 49.08	+02 51 28.4	9.94		H	109.704 519 33	+02.857 881 36	B	6.60	−5.75	−10.17	11.03	7.10	7.85	7.65	5.62	−26	+38	−20	−43	+10	−38	+2	−31	+8	−31	17	1.68
35424		07 18 49.13	−56 38 41.0	9.07		H	109.704 697 53	−56.644 728 11		8.10	−9.25	150.82	0.72	0.83	0.84	0.81	0.95	−5	+4	+28	+14	−1	−7	+0	+3	+7	−21	2	0.25
35425		07 18 50.80	+02 51 30.1	8.41		H	109.711 686 85	+02.858 365 28	A	5.39	−0.55	−9.58	2.20	1.36	1.86	1.89	1.41	−24	+38	−20	−50	+14	−42	+5	−38	+7	−36	17	1.68
35426		07 18 51.04	−55 03 00.7	9.12		H	109.712 650 44	−55.050 187 01		7.19	−11.71	60.92	0.85	0.86	0.94	1.14	1.17	−3	+0	−10	+4	−15	+24	−14	+0	−16	−18	3	1.49
35427		07 18 51.28	−26 35 09.1	5.29		G	109.713 662 98	−26.585 870 77		2.41	−7.77	6.70	0.34	0.48	0.63	0.41	0.56	+28	−2	−26	+6	−12	+12	−9	−34	+10	+31	0	−0.97
35428		07 18 51.44	+29 06 03.3	8.88	2	H	109.714 348 49	+29.100 908 61		1.47	0.23	−10.49	1.21	0.81	1.28	1.17	0.79	−17	+49	−20	+1	+4	−1	+3	−20	−3	+0	0	−0.58
35429		07 18 51.49	+24 07 06.3	8.98		H	109.714 533 15	+24.118 412 98		0.34	−4.66	−9.61	1.19	0.84	1.36	1.33	0.92	−18	+29	−31	+12	−20	+5	−10	−7	+27	−11	0	−1.59
35430		07 18 51.86	−46 28 48.6	8.04		H	109.716 083 15	−46.480 178 77		2.91	−7.46	1.30	0.64	0.63	0.72	0.82	0.80	+0	+4	+10	+5	−4	+3	−5	+11	+0	+6	1	0.81
35431		07 18 52.53	+38 40 24.9	6.96		H	109.718 857 62	+38.673 578 17		4.51	0.04	4.83	0.91	0.46	0.91	1.06	0.64	−4	+46	+1	+14	−3	+2	+3	−36	−7	+13	0	0.40
35432		07 18 53.52	−32 00 30.5	9.35		H	109.723 000 90	−32.008 479 02		0.91	−9.41	6.13	0.62	0.83	0.96	0.73	1.09	+7	+2	−11	+17	−2	−1	−2	+24	−2	+6	0	−0.70
35433	H	07 18 54.45	+52 42 11.6	9.75		H	109.726 873 98	+52.703 226 86	A	−2.99	2.32	7.16	1.81	1.71	2.15	2.06	1.49	−31	+26	−46	−7	−24	+17	−11	−32	+7	−7	0	−0.36
35434		07 18 54.56	−07 59 22.4	8.37		H	109.727 331 10	−07.989 564 48		0.94	−16.40	6.28	1.32	0.82	1.35	1.48	0.87	+4	−12	−23	−68	−11	+31	−11	−62	+22	+36	0	1.17
35435	H	07 18 54.90	+25 56 29.2	7.98		G	109.728 751 76	+25.941 450 02	A	6.24	−13.94	−35.76	2.08	1.60	1.55	1.85	1.07	−7	+7	−30	−36	−26	+16	−20	−39	+11	+37	2	0.47
35436		07 18 55.51	+00 04 46.1	6.66		H	109.731 293 70	+00.079 483 17		7.86	7.40	−68.23	0.71	0.51	0.88	0.91	0.73	−1	+14	−11	−23	−7	−27	−12	−26	+13	−19	0	−0.32
35437		07 18 56.49	−45 17 51.1	7.17		H	109.735 395 44	−45.297 536 27		21.28	−237.80	112.01	0.49	0.50	0.58	0.58	0.54	−8	+10	+6	+10	−8	+3	−10	−8	+5	−23	0	−1.09
35438		07 18 58.11	+18 34 08.8	8.72		H	109.742 136 06	+18.569 123 11		3.00	−3.37	3.00	1.04	0.67	1.19	0.97	0.67	−14	+44	−36	+0	−6	−6	−2	−18	+17	−4	0	0.87
35439	H	07 18 58.80	−52 32 22.8	7.84		G	109.745 007 56	−52.539 669 00	A	9.36	−8.54	−36.40	0.82	0.83	0.79	0.79	0.97	−22	+7	−7	−29	+5	+0	+4	−3	−12	−29	5	−0.28
35440		07 19 00.65	+35 09 28.3	7.11		G	109.752 726 19	+35.157 873 23		1.56	−13.91	0.57	1.00	0.76	1.25	1.44	0.90	+5	+2	−29	+8	−20	+24	−8	−27	+40	+22	0	0.55
35441		07 19 01.67	−65 13 32.3	9.34		H	109.756 952 58	−65.225 648 54		2.10	−7.98	8.84	0.76	0.96	0.87	0.83	1.07	−6	+3	+0	−4	−7	+0	−11	−34	+18	−21	0	−0.62
35442		07 19 01.92	−19 16 49.1	6.06	1	H	109.758 005 19	−19.280 311 28		−0.44	−2.47	3.06	0.44	0.47	0.72	0.52	0.60	−22	+28	−13	−5	+6	−17	+3	−11	+1	−30	3	0.72
35443		07 19 02.56	+29 11 01.4	7.47		H	109.760 651 37	+29.183 714 44		3.29	−14.23	−20.15	1.00	0.66	1.08	0.99	0.65	−26	+53	−31	+16	+6	−1	+12	−9	+8	+4	0	−0.76
35444		07 19 03.69	−17 12 47.3	6.79		H	109.765 388 26	−17.213 140 45		6.85	22.01	−50.20	0.63	0.64	0.87	0.78	0.72	−44	+8	+1	−5	+34	+4	+40	−40	−8	−20	0	−0.39
35445		07 19 04.82	−76 25 02.1	8.24		G	109.770 066 70	−76.417 241 71		14.09	−56.71	142.96	0.66	0.58	0.66	0.82	0.71	−3	+21	+5	−12	+7	−13	+7	−13	+1	−23	1	−0.56
35446		07 19 05.77	+10 18 53.9	7.37		H	109.774 023 94	+10.314 960 34		4.48	−4.37	1.50	0.81	0.42	0.95	0.78	0.50	−4	+48	−9	−30	+1	−22	+4	−46	+15	−13	1	0.68
35447		07 19 06.55	−35 11 03.3	7.81	2	H	109.777 275 43	−35.184 251 66		3.80	−13.90	11.43	0.50	0.60	0.68	0.57	0.84	+2	−2	−7	−3	−15	−4	−18	+10	−3	−2	1	−1.14
35448		07 19 08.39	−75 14 11.5	8.33		H	109.784 951 46	−75.236 518 15		2.66	−31.50	37.23	0.63	0.58	0.64	0.65	0.64	−10	+9	+19	+3	−10	+3	−10	+9	+4	−24	1	0.09
35449	H	07 19 08.47	+66 44 24.0	7.69		G	109.785 283 34	+66.740 001 52	A	15.82	−84.70	−153.50	0.85	0.90	1.35	0.89	1.07	−4	+26	+2	−20	+7	−4	+16	−27	+27	+11	1	0.64
35450		07 19 08.58	−38 02 17.1	7.02		H	109.785 757 61	−38.038 087 48		5.44	−7.04	38.29	0.45	0.49	0.60	0.49	0.56	+4	+15	+1	−1	−8	−5	−9	+14	−9	+1	1	−1.04
35451		07 19 08.93	−18 05 23.4	9.05		H	109.787 220 40	−18.089 826 39	A	−9.83	12.02	−25.31	2.49	2.73	2.81	3.08	3.93	−66	+7	−1	−9	+8	−20	+11	−9	+15	−65	23	3.40
35452		07 19 09.49	+61 54 55.9	8.55		H	109.789 533 81	+61.915 527 82		2.89	5.37	−0.78	0.77	0.63	1.06	0.97	0.79	−1	+20	+10	+21	+6	+14	+0	−25	+7	−16	0	1.03
35453		07 19 09.91	−25 33 57.2	7.47		H	109.791 294 35	−25.565 897 27		1.44	−2.65	3.65	0.35	0.51	0.75	0.36	0.63	+20	+0	−19	+43	+0	+8	+2	−6	+6	+24	1	0.05
35454	H	07 19 09.93	−50 32 40.1	9.02		H	109.791 394 93	−50.544 463 99	*	6.99	21.48	−9.34	1.83	1.65	1.01	1.15	1.21	−6	+21	+1	+4	+10	−10	+11	−10	+6	−22	1	0.47
35455		07 19 10.18	−01 39 20.8	7.95		G	109.792 412 82	−01.655 770 58		2.95	−5.76	1.81	0.83	0.53	0.97	0.88	0.60	−4	+41	−4	−35	−3	−30	−1	−33	+8	−8	2	1.04
35456		07 19 11.27	−29 00 47.1	7.41		H	109.796 958 58	−29.013 079 83		2.77	8.76	−24.37	0.49	0.66	0.84	0.58	0.83	+18	+4	−27	+31	+5	+7	+7	+8	−5	+17	0	−1.07
35457	H	07 19 12.11	+59 07 32.7	7.62		G	109.800 444 09	+59.125 738 85	*	11.52	61.18	−19.20	0.67	0.51	0.92	0.78	0.60	−7	+18	−8	+27	+16	+4	+10	−19	−3	−19	0	0.27
35458		07 19 12.30	+06 21 04.2	8.68		H	109.801 243 36	+06.351 178 05		2.20	−4.59	−3.43	1.00	0.63	1.15	1.01	0.74	−4	+34	−31	−15	−22	−11	−20	−18	+23	−19	0	−0.03
35459	H	07 19 12.43	+20 57 36.9	8.56		H	109.801 796 83	+20.960 247 09	A	13.16	−35.58	−113.25	1.95	1.48	1.99	1.91	1.29	−38	+24	−36	−16	+15	−22	+7	−28	−5	−19	1	0.86
35460		07 19 12.72	−36 10 01.1	8.16		G	109.802 996 17	−36.166 969 03		2.42	−11.13	5.89	0.52	0.62	0.72	0.58	0.87	−5	+1	−6	+2	+3	+10	+3	−19	+5	−10	1	1.11
35461		07 19 12.77	−24 57 20.6	6.82	2	H	109.803 199 02	−24.955 721 92		1.81	−2.70	6.09	0.34	0.49	0.72	0.39	0.59	+18	+5	−16	+8	+6	−2	+5	−21	+4	+12	1	−1.41
35462		07 19 13.19	−44 26 07.7	9.19		H	109.804 950 62	−44.435 475 31		0.53	2.30	2.78	0.76	0.83	0.94	0.80	0.88	−14	+1	+13	−6	+3	−4	+0	−24	−8	−33	0	−0.20
35463		07 19 13.70	−33 43 37.7	6.31		H	109.807 066 46	−33.727 146 00		4.44	−15.28	−8.44	0.46	0.52	0.65	0.51	0.71	+2	+4	−16	+25	−4	+16	−3	+25	−4	+2	0	0.29
35464		07 19 14.62	−67 11 15.7	7.91	2	H	109.810 932 81	−67.187 680 73		2.53	14.02	48.60	0.58	0.57	0.62	0.53	0.60	+4	+8	+1	−35	−14	−11	−10	+0	+19	−12	1	0.02
35465		07 19 16.06	−49 58 41.9	7.26		H	109.816 910 98	−49.978 296 62		6.69	−72.92	119.92	0.50	0.54	0.57	0.60	0.69	−6	+17	+0	−3	+7	−1	+6	−15	+4	−29	0	−0.31
35466		07 19 17.51	+64 06 57.1	7.39		H	109.822 950 22	+64.115 856 95		6.10	40.73	−40.78	0.65	0.52	0.85	0.87	0.74	+14	+19	+5	+1	−6	+9	−7	−30	+9	+5	0	0.07
35467		07 19 18.10	−58 03 08.5	6.73		G	109.825 418 10	−58.052 360 20		11.42	20.12	62.23	0.48	0.49	0.51	0.54	0.60	−7	+2	+6	+8	−7	+1	−10	−5	+3	−26	0	1.20
35468	H	07 19 18.42	−17 31 29.6	6.70		H	109.826 736 11	−17.524 878 66	A	2.61	−4.89	5.54	0.76	0.78	1.04	0.86	0.81	−44	+8	−7	−4	+30	+0	+37	−30	+0	−15	3	−0.51
35469		07 19 19.10	−00 20 02.2	7.74		G	109.829 601 59	−00.333 945 31		2.26	−0.35	5.96	0.87	0.65	1.08	1.15	0.81	+4	+16	−29	−16	−17	+3	−11	−33	+19	+24	0	0.87
35470	H	07 19 19.37	−73 55 10.0	8.66		H	109.830 707 46	−73.919 452 97	A	0.58	−0.22	18.44	2.51	2.45	1.56	2.04	1.58	+16	+7	+10	−7	−5	−4	−3	−5	+9	−33	1	−0.16
35471	H	07 19 20.12	−22 02 59.0	7.02		H	109.833 849 57	−22.049 714 67	A	8.55	−10.77	−23.91	1.40	1.32	1.72	1.52	1.35	−19	+10	−16	+2	+5	−4	+4	+2	+1	−35	4	1.19
35472		07 19 20.80	+51 29 37.1	7.82		G	109.836 666 63	+51.493 640 49		11.70	−18.84	−43.48	1.00	0.84	1.05	1.28	0.99	−44	+11	+10	−39	+36	+11	+33	−63	−20	−42	0	−0.62
35473	H	07 19 20.82	−24 41 15.1	9.80		G	109.836 759 70	−24.687 538 74	A	0.22	0.38	4.24	1.41	1.75	2.23	1.51	1.98	+10	+8	−6	−27	−1	−5	+0	−8	−3	+0	4	0.51
35474		07 19 21.83	−55 58 15.3	7.42		H	109.840 972 68	−55.970 912 22		3.71	−4.94	33.65	0.58	0.51	0.58	0.68	0.63	−10	+24	−2	+17	−3	+9	−6	−3	−6	−22	4	−1.05
35475		07 19 22.12	−08 46 59.2	7.15	2	H	109.842 169 52	−08.783 114 75		−0.37	−1.17	0.20	0.94	0.70	1.01	1.14	0.80	−6	+10	−1	−56	+8	+7	+8	−57	+0	−5	0	−0.20
35476		07 19 22.37	+02 44 26.6	5.90		H	109.843 217 14	+02.740 719 85		6.27	−2.18	−10.75	0.76	0.46	0.85	0.71	0.46	+1	+37	−14	−37	−7	−13	−6	−48	+9	−1	0	2.25
35477		07 19 22.48	+36 40 32.1	7.48		H	109.843 647 04	+36.675 589 76		2.82	−2.54	−14.96	0.99	0.68	1.01	1.14	0.86	−7	+37	−13	+26	−24	+1	−15	+26	+19	−1	0	1.27
35478		07 19 23.26	−12 30 23.6	8.77		H	109.846 930 30	−12.506 556 86		2.69	−1.03	−0.65	0.71	0.72	1.18	0.90	0.94	−3	+13	−19	+4	+11	−41	+4	+21	−3	−4	0	0.17
35479		07 19 23.29	−11 11 47.7	9.31		G	109.847 040 41	−11.196 575 43		3.40	−5.50	−0.44	1.12	0.83	1.32	1.14	0.93	+9	+6	−20	−44	+0	−15	−2	−30	+7	+9	0	−1.58
35480		07 19 23.40	−10 31 00.2	8.52		H	109.847 518 98	−10.516 711 37		4.68	−6.29	−3.83	1.01	0.78	1.23	1.26	0.94	+30	−1	−36	−47	−27	+20	−24	−47	+30	+65	0	0.52
35481	H	07 19 23.88	+22 01 28.4	7.76		G	109.849 479 71	+22.024 551 90	A	3.70	−8.20	−3.33	1.76	1.19	1.69	1.89	1.08	+24	−20	−27	−6	−10	−20	−14	−28	+1	+39	1	0.54
35482		07 19 25.14	+08 16 59.8	9.00	2	H	109.854 760 66	+08.283 281 65		−1.21	2.00	−1.85	1.07	0.64	1.23	1.23	0.84	−2	+30	+9	−32	−3	−13	−5	−40	−13	+1	0	0.98
35483		07 19 27.14	−37 30 23.9	7.82		H	109.863 069 27	−37.506 647 33		3.77	−10.58	5.42	0.51	0.52	0.64	0.53	0.66	+5	+10	+2	+18	+6	+12	+7	+15	+1	+2	0	0.24
35484		07 19 27.19	+10 26 37.3	7.86		H	109.863 303 24	+10.443 704 49		2.67	−5.95	−1.33	0.88	0.46	1.03	0.90	0.59	−3	+42	−2	−35	+6	−26	+7	−50	+13	−20	0	0.57
35485		07 19 27.65	−41 13 30.7	11.07		G	109.865 192 85	−41.225 187 95		9.36	188.95	−91.08	1.17	1.36	1.51	1.20	1.47	+11	+14	+1	−14	−4	+8	−7	−24	−6	−5	0	−0.24
35486	H	07 19 27.77	+27 58 06.1	9.85		H	109.865 719 44	+27.968 371 29	A	0.12	−5.74	9.06	10.33	7.52	9.69	10.48	7.89	−30	+5	−20	−16	−12	+9	−12	−20	+8	−26	10	1.13
35487		07 19 28.08	−16 23 41.7	5.70	3	H	109.867 005 85	−16.394 912 66		22.71	165.37	−136.41	0.53	0.49	0.80	0.69	0.71	−16	+33	−14	+2	+10	−18	+13	−28	+0	+4	0	0.56
35488	H	07 19 28.26	−44 35 11.4	10.11	3	H	109.867 770 27	−44.586 500 17	*	1.99	−5.23	13.08	9.93	20.28	2.38	2.07	2.02	+4	+6	+3	−2	+2	−34	+2	−7	+11	−46	33	1.96
35489		07 19 28.47	−32 48 19.0	9.46		H	109.868 639 14	−32.805 291 35		8.62	−90.09	−12.06	0.67	0.75	0.95	0.78	1.09	−10	+13	−6	+16	−1	+8	+1	+10	+6	−5	0	−0.87
35490	H	07 19 29.09	+49 39 15.4	8.52	2	G	109.871 219 08	+49.654 290 85	A	7.81	−10.71	−2.72	2.29	1.75	2.28	2.58	2.04	+5	+5	+2	−31	−29	+4	−29	−47	+0	−5	2	1.20
35491		07 19 29.34	+51 58 03.2	8.11		H	109.872 267 71	+51.967 545 30		8.96	32.60	−38.56	0.85	0.69	1.00	1.03	0.75	−17	+26	−12	−18	−11	+7	−9	−41	−11	−11	0	−1.33
35492		07 19 29.85	−70 12 30.0	7.87		G	109.874 370 65	−70.208 337 08		13.27	9.55	−41.26	0.66	0.52	0.61	0.72	0.53	−2	+23	+4	−19	−12	+5	−6	−5	+8	−21	0	−1.17
35493		07 19 30.10	−22 00 17.3	8.75	2	G	109.875 431 25	−22.004 805 89	A	2.11	−0.20	0.70	1.37	1.41	1.81	1.42	1.43	−28	+20	−27	−27	+6	−13	+4	−10	−5	−16	1	0.34
35494		07 19 30.78	+26 49 22.5	6.96		H	109.878 253 94	+26.822 914 56		4.04	−12.37	0.74	1.11	0.74	1.18	1.58	0.79	+19	+31	−41	−23	−31	+6	−22	−40	+8	+58	0	0.48
35495		07 19 30.99	+32 49 51.4	10.06		H	109.879 107 88	+32.830 931 25		50.59	433.19	−345.22	2.24	1.40	2.45	2.35	1.50	−16	+59	−33	+18	+13	+6	+22	−18	+11	+21	3	0.50
35496	H	07 19 31.43	+49 49 09.4	9.03		H	109.880 952 10	+49.819 280 71	*	3.81	0.71	−3.11	1.09	0.86	1.29	1.44	1.05	−4	+22	−3	−25	−27	−2	−23	−41	−1	−1	2	2.54
35497		07 19 32.32	−61 08 42.0	6.75		H	109.884 656 10	−61.144 998 27		2.44	−6.65	10.56	0.48	0.53	0.54	0.51	0.55	+5	+1	+23	+9	−9	+17	−17	−13	+4	−11	1	0.60
35498		07 19 32.99	−57 26 56.2	7.65		H	109.887 469 27	−57.448 954 88		8.22	−0.41	22.83	0.55	0.54	0.57	0.61	0.66	−12	+0	+13	+27	−11	−6	−13	+7	+12	−25	3	−1.11
35499	H	07 19 33.10	−00 54 30.1	8.46		G	109.887 933 54	−00.908 352 71	A	0.33	−1.30	−0.93	2.26	1.56	2.18	2.03	1.51	+30	+24	−14	−28	+4	−29	−5	−20	+4	−33	2	−0.19
35500		07 19 34.77	+10 23 57.4	7.36	1	H	109.894 880 12	+10.399 279 47		2.29	0.70	−11.79	0.85	0.46	1.00	0.85	0.56	−7	+43	+1	−33	+10	−20	+10	−54	+9	−21	0	−0.41

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
35401	10.306	0.029	8.716	0.014		1.333	0.025	T	1.30	0.03	L	8.7396	0.0020	0.021	162		8.71	8.77		R			1							
35402	9.021	0.014	7.775	0.009		1.063	0.013	T	1.03	0.01	L	7.8315	0.0013	0.013	108		7.81	7.85		C			1							S
35403	9.332	0.014	8.204	0.009		0.971	0.013	T	0.96	0.01	L	8.2556	0.0013	0.013	123		8.23	8.28		C			1 S							
35404	10.329	0.061	8.622	0.028		1.425	0.053	T	1.41	0.08	L	8.5948	0.0016	0.011	65		8.57	8.61		D	07186+1635	I 1	1							
35405	9.439	0.017	8.104	0.010		1.132	0.015	T	1.10	0.02	L	8.1582	0.0012	0.015	138		8.13	8.19					1							S
35406	4.894	0.002	5.072	0.004		−0.170	0.009	G	−0.15	0.02	A	5.0554	0.0006	0.006	112		5.04	5.07			07184−3645	I 3	1						S P
35407	8.635	0.009	8.725	0.012	*	−0.078	0.004	G	−0.06	0.01	H *	8.7160	0.0077	0.055	159	*	8.64	8.79	1.64	P 1 A	07186−2918	H 1	2 C S A	AB	286	0.167	0.025	1.71	0.45	
35408	7.316	0.005	7.362	0.006		−0.039	0.007	T	−0.02	0.01	L	7.3614	0.0011	0.009	103		7.35	7.38		C			1							S
35409	9.832	0.024	8.454	0.014		1.166	0.022	T	1.13	0.02	L	8.4905	0.0017	0.018	94		8.46	8.53					1 G							
35410	11.072	0.063	10.579	0.066		0.494	0.072	G	0.57	0.08	R	10.5671	0.0022	0.025	90		10.52	10.61		C			1							G
35411	7.661	0.005	7.747	0.008		−0.074	0.008	T	−0.05	0.01	L	7.7484	0.0007	0.007	149		7.74	7.76					1							S
35412	4.700	0.012	4.887	0.012		−0.160	0.190	G	−0.06	0.02	A	4.8557	0.0137	0.154	214		4.78	5.18	4.39	P 1 A			1							S
35413	8.506	0.009	8.596	0.012		−0.077	0.013	T	−0.06	0.01	L	8.6067	0.0018	0.017	141		8.57	8.63		D			1 S							
35414	10.000	0.040	9.747	0.048		0.241	0.059	T	0.27	0.07	L	9.7667	0.0035	0.023	59		9.73	9.81		C			1							
35415	4.185	0.002	4.373	0.002	*	−0.132	0.030	G	−0.10	0.02	A *	4.3329	0.0014	0.020	216	*	4.31	4.37	1.28	P 1 A	07187−2457	I 1	2 C A	PA	299	0.151	0.003	0.44	0.10	S P
35416	9.928	0.028	9.397	0.028	*	0.524	0.001	G	0.60	0.00	R *	9.6826	0.0033	0.034	143	*	9.62	9.73		D	07186+6332	I 1	2 C A	BC	210	3.181	0.009	0.61	0.03	
35417	10.609	0.038	9.288	0.021	A	1.200	0.495	G	1.07	0.05	L *	9.1260	0.0022	0.019	96	*	9.09	9.18		D	07187−1617	I 1	2 C A	AB	197	2.907	0.014	1.77	0.07	
35418	7.741	0.007	7.766	0.009		−0.026	0.002	G	0.00	0.00	H	7.7809	0.0011	0.010	101		7.76	7.79		C			1							S
35419	8.426	0.010	7.201	0.006		1.047	0.009	T	1.02	0.01	L	7.2597	0.0009	0.008	118		7.25	7.27		C			1							S
35420	9.426	0.018	8.969	0.018	*	0.411	0.015	G	0.48	0.02	H *	9.0614	0.0021	0.018	97	*	9.03	9.09			07188−6036	H 1	2 C S C	AB	178	0.153	0.061	2.48	1.11	
35421	8.680	0.008	8.790	0.011		−0.095	0.008	G	−0.08	0.01	H	8.8037	0.0015	0.021	165		8.77	8.84					1							
35422	10.119	0.024	8.979	0.015		0.980	0.022	T	0.96	0.02	L	9.0045	0.0016	0.017	101		8.98	9.04					1							
35423	10.260	0.037	9.855	0.040	B	0.383	0.050	T	0.45	0.06	L	9.9286	0.0179			B				D	07188+0251	I 2	1 C I B							
35424	10.129	0.023	9.192	0.017		0.827	0.021	T	0.85	0.01	L	9.2275	0.0023	0.017	102		9.20	9.26					1							
35425	9.348	0.018	8.450	0.014	A	0.798	0.017	T	0.83	0.01	L	8.5585	0.0071	0.021	90	A	8.50	8.59		D	07188+0251	I 2	1 C P B							
35426	9.616	0.019	9.148	0.019		0.454	0.021	T	0.52	0.02	L	9.2220	0.0019	0.018	88		9.20	9.26		C			1							
35427	6.512	0.003	5.395	0.002		0.956	0.031	G	0.95	0.02	A	5.4560	0.0006	0.005	176		5.45	5.47		C			1							S
35428	9.254	0.022	8.906	0.023		0.330	0.030	T	0.38	0.04	L	8.9629	0.0027	0.040	60		8.94	9.31		U 2 C			1							P
35429	8.934	0.015	8.939	0.019		0.000	0.022	T	0.02	0.02	L	8.9878	0.0018	0.015	58		8.96	9.02		C			1							
35430	9.406	0.018	8.159	0.011		1.064	0.016	T	1.03	0.01	L	8.2108	0.0020	0.013	102		8.19	8.23		C			1							
35431	8.126	0.009	7.066	0.006		0.919	0.008	T	0.92	0.01	L	7.1179	0.0008	0.009	102		7.10	7.13					1							S
35432	9.315	0.015	9.346	0.020		−0.026	0.022	T	0.00	0.02	L	9.3473	0.0024	0.021	138		9.31	9.38					1							
35433	11.008	0.052	9.904	0.032	A	1.082	0.197	G	1.04	0.16	R *	9.9152	0.0027	0.029	96	*	9.86	9.96		D	07189+5242	H 1	2 C D	AB	158	3.562	0.100	3.66	0.32	D
35434	9.979	0.032	8.541	0.017		1.213	0.028	T	1.17	0.03	L	8.5409	0.0017	0.013	71		8.52	8.56		C			1							
35435	8.456	0.015	8.014	0.015	*	0.403	0.015	G	0.47	0.02	H *	8.0608	0.0019	0.008	51	*	8.05	8.08		D	07189+2556	H 1	2 C A	AB	229	0.433	0.021	2.94	0.10	S
35436	8.063	0.011	6.756	0.007		1.111	0.010	T	1.07	0.01	L	6.8269	0.0008	0.007	79		6.82	6.84		C			1							S
35437	7.764	0.007	7.217	0.006		0.519	0.007	T	0.59	0.01	L	7.2850	0.0011	0.009	115		7.27	7.30		C			1							S
35438	8.942	0.016	8.724	0.018		0.177	0.015	G	0.19	0.02	H	8.7760	0.0024	0.016	64		8.75	8.80		C			1							
35439	8.468	0.012	7.950	0.012	A	0.506	0.015	G	0.58	0.02	H *	7.9467	0.0016	0.014	107	*	7.92	7.98		D	07190−5232	I 1	2 C A	AB	353	3.471	0.011	2.78	0.06	S
35440	8.888	0.024	7.252	0.012		1.340	0.015	G	1.30	0.02	H	7.2628	0.0021	0.009	32		7.24	7.28					1							S
35441	10.961	0.045	9.469	0.021		1.256	0.039	T	1.21	0.04	L	9.5046	0.0024	0.021	110		9.47	9.54					1							
35442	6.792	0.004	6.163	0.003		0.612	0.021	G	0.78	0.02	A	6.2065	0.0011	0.010	159		6.19	6.23		U 2			1							S
35443	8.697	0.013	7.561	0.009		0.977	0.012	T	0.96	0.01	L	7.6311	0.0013	0.009	59		7.62	7.66					1							
35444	8.178	0.008	6.908	0.006		1.082	0.008	T	1.04	0.01	L	6.9567	0.0010	0.011	133		6.94	6.98					1							S
35445	8.856	0.012	8.302	0.011		0.523	0.015	G	0.60	0.02	H	8.3565	0.0020	0.015	112		8.33	8.38					1							S
35446	7.583	0.006	7.406	0.007		0.170	0.009	T	0.19	0.01	L	7.4320	0.0009	0.009	130		7.42	7.45					1 S							S
35447	7.799	0.006	7.814	0.008		−0.012	0.009	T	0.01	0.01	L	7.8188	0.0015	0.014	149		7.80	7.91		U 2 C			1							S P
35448	9.857	0.020	8.459	0.012		1.182	0.018	T	1.14	0.02	L	8.4986	0.0016	0.016	116		8.48	8.52		C			1							
35449	8.400	0.008	7.772	0.007	A	0.596	0.015	G	0.65	0.01	L *	7.8013	0.0014	0.014	188	*	7.78	7.83			07191+6644	I 1	2 C D	AB	35	8.436	0.047	3.99	0.19	S D
35450	8.417	0.009	7.135	0.005		1.091	0.008	T	1.05	0.01	L	7.1853	0.0009	0.010	137		7.17	7.21		C			1							S
35451	9.078	0.013	9.037	0.017	A	0.037	0.019	T	0.05	0.01	L	9.0703	0.0169	0.020	100	A	9.04	9.12			07192−1805	I 1	2 C B	AB	57	12.949	0.018	2.27	0.15	
35452	10.244	0.029	8.694	0.015		1.301	0.026	T	1.26	0.03	L	8.7094	0.0019	0.016	107		8.68	8.75		C			1							
35453	7.218	0.004	7.418	0.005		−0.174	0.006	T	−0.18	0.01	L	7.4073	0.0008	0.012	260		7.39	7.43					1							S
35454	9.757	0.019	9.059	0.017	*	0.631	0.019	T	0.70	0.02	L *	9.1509	0.0019	0.018	115	*	9.11	9.18		D	07192−5033	H 1	2 C A	AB	100	0.277	0.009	1.48	0.12	
35455	7.958	0.012	7.931	0.012		0.039	0.015	G	0.05	0.01	H	7.9591	0.0011	0.009	90		7.94	7.98		C			1							S
35456	9.060	0.011	7.550	0.006		1.270	0.010	T	1.23	0.01	L	7.5736	0.0012	0.013	168		7.55	7.59		C			1							S
35457	8.275	0.009	7.692	0.009	*	0.566	0.015	G	0.64	0.01	H *	7.7423	0.0010	0.010	99	*	7.73	7.76		D	07192+5908	H 1	2 C S A	AB	345	0.158	0.005	0.32	0.25	S
35458	9.570	0.019	8.787	0.015		0.711	0.019	T	0.77	0.02	L	8.8178	0.0018	0.017	111		8.78	8.85		C			1							
35459	9.233	0.018	8.634	0.017	*	0.559	0.022	T	0.63	0.02	L *	8.6863	0.0016	0.013	63	*	8.66	8.72		D	07192+2058	H 1	2 C B	AB	163	0.728	0.062	3.47	0.19	
35460	8.049	0.008	8.159	0.011		−0.085	0.015	G	−0.07	0.02	H	8.1278	0.0013	0.013	121		8.11	8.15		C			1							
35461	6.582	0.004	6.783	0.005		−0.167	0.006	G	−0.17	0.01	H	6.7542	0.0017	0.019	227		6.73	6.80	2.49	P 1 A	07192−2457	I 1	1							S
35462	10.578	0.034	9.351	0.020		1.048	0.031	T	1.02	0.03	L	9.3605	0.0022	0.022	113		9.33	9.39					1							
35463	8.007	0.008	6.456	0.004		1.302	0.007	T	1.26	0.01	L	6.4629	0.0010	0.008	128		6.45	6.48		C			1							S
35464	9.862	0.020	8.171	0.010		1.439	0.018	T	2.90	0.04	O	7.8418	0.0066	0.059	118		7.74	7.94		U 2			1 S							
35465	8.623	0.010	7.368	0.007		1.070	0.010	T	1.03	0.01	L	7.4294	0.0012	0.010	118		7.41	7.45		C			1							S
35466	8.868	0.013	7.507	0.008		1.153	0.012	T	1.12	0.01	L	7.5556	0.0014	0.012	101		7.53	7.59					1							
35467	7.093	0.005	6.753	0.005		0.299	0.002	G	0.34	0.00	H	6.8081	0.0008	0.008	108		6.80	6.82		C			1							S
35468	6.679	0.003	6.704	0.004	*	−0.018	0.005	T	0.00	0.01	L *	6.7049	0.0009	0.009	139	*	6.69	6.72		D	07193−1731	H 1	2 C A	AB	341	0.668	0.011	2.96	0.05	S
35469	8.634	0.013	7.829	0.011		0.724	0.015	G	0.78	0.01	H	7.8793	0.0017	0.011	85		7.86	7.90		C			1							S
35470	9.788	0.021	8.815	0.015	*	0.854	0.019	T	0.87	0.01	L *	8.8135	0.0014	0.015	109	*	8.78	8.85		D	07193−7355	I 1	2 C A	AB	121	0.490	0.003	0.06	0.02	
35471	7.994	0.018	7.763	0.016	B	−0.100	0.495	G	0.24	0.05	S *	7.0903	0.0015	0.013	117	*	7.06	7.11		R	07193−2203	I 1	2 C A	AB	347	3.935	0.003	0.10	0.01	S
35472	8.470	0.010	7.889	0.010		0.543	0.013	T	0.62	0.01	L	7.9452	0.0015	0.013	90		7.91	7.96					1							S
35473	9.772	0.040	9.617	0.053	A	0.042	0.022	G	0.06	0.02	H *	9.8214	0.0028	0.036	208	*	9.75	9.88			07193−2441	H 1	2 C D	AB	339	1.528	0.108	3.73	0.41	G D
35474	9.105	0.015	7.552	0.008		1.304	0.013	T	1.26	0.01	L	7.5734	0.0012	0.010	100		7.55	7.59					1							S
35475	9.386	0.031	7.369	0.013		1.708	0.028	T	2.38	0.07	O	7.1868	0.0060	0.060	66		7.12	7.29		U 2			1 S							S
35476	7.249	0.007	6.012	0.004		1.069	0.002	G	0.92	0.04	E	6.0570	0.0012	0.008	92		6.04	6.07					1							S
35477	8.753	0.017	7.598	0.011		0.992	0.016	T	0.97	0.01	L	7.6450	0.0011	0.007	52		7.63	7.67		C			1							S
35478	8.712	0.012	8.707	0.015		0.009	0.018	T	0.03	0.02	L	8.7866	0.0020	0.015	100		8.76	8.82		C			1							
35479	9.305	0.019	9.293	0.025		0.010	0.020	G	0.03	0.02	H	9.3314	0.0022	0.015	70		9.30	9.36		C			1							G
35480	8.644	0.011	8.548	0.013		0.094	0.016	T	0.11	0.02	L	8.5553	0.0016	0.013	79		8.53	8.58		C			1							
35481	9.158	0.030	7.893	0.019	*	1.040	0.020	G	1.01	0.02	H *	7.9277	0.0017	0.011	54	*	7.91	7.96		D	07194+2201	H 1	2 C A	AB	70	0.687	0.022	2.60	0.10	S
35482	11.171	0.071	9.160	0.020		1.666	0.059	T	1.69	0.06	L	9.1068	0.0040	0.028	102		9.06	9.14		U			1							
35483	7.746	0.007	7.791	0.008		−0.050	0.000	G	−0.03	0.00	H	7.8093	0.0009	0.012	140		7.79	7.83		C			1							S
35484	7.983	0.007	7.872	0.009		0.108	0.011	T	0.12	0.01	L	7.8974	0.0008	0.012	136		7.88	7.92		D			1							S
35485						0.742	0.004	G	0.79	0.00	H	11.2266	0.0042	0.041	135		11.16	11.29		C			1							G
35486	10.901	0.098	10.090	0.075	A	0.633	0.126	G	0.70	0.11	R *	9.9806	0.0057	0.036	62	*	9.93	10.08			07195+2758	H 1	2 C A	AB	106	3.154	0.071	1.69	0.25	G
35487	6.119	0.005	5.754	0.006		0.346	0.007	T	0.41	0.01	L	5.7864	0.0018	0.036	123		5.77	6.17	1.14	P 1 A			1 G							S
35488	10.507	0.036	10.002	0.035	*	0.475	0.045	T	0.55	0.05	L *	10.2236	0.0372	0.404	107	*	9.55	10.73		U 2	07195−4435	H 1	2 C B	AB	74	0.140	0.026	0.44	1.10	G W
35489	10.197	0.030	9.528	0.025		0.609	0.029	T	0.68	0.03	L	9.5920	0.0021	0.017	122		9.57	9.63		C			1							
35490	8.796	0.020	8.581	0.022	A	0.205	0.015	G	0.23	0.02	H *	8.5568	0.0024	0.021	93	*	8.52	8.60		U	07195+4939	I 1	2 C A	AB	320	9.525	0.042	2.82	0.17	
35491	8.756	0.012	8.165	0.011		0.558	0.015	G	0.63	0.01	H	8.2269	0.0019	0.014	90		8.20	8.25		C			1							S
35492	8.429	0.011	7.911	0.010		0.500	0.006	G	0.57	0.01	H	7.9734	0.0014	0.012	113		7.95	8.00					1							S
35493	8.903	0.013	8.796	0.015	A	0.192	0.004	G	0.21	0.01	H	8.7967	0.0148	0.045	120	A	8.73	8.87		U 2	07195−2200	I 1	2 C D	AB	135	16.877	0.035	2.41	0.13	W
35494	8.191	0.015	7.059	0.009		0.970	0.015	G	0.95	0.01	H	7.1245	0.0007	0.006	58		7.11	7.14		D			1							S
35495						1.420	0.010	G	1.72	0.03	I	10.1473	0.0054	0.026	47		10.08	10.19					1							G
35496	10.505	0.063	9.189	0.035	*	1.118	0.056	T	1.08	0.06	L *	9.1983	0.0032	0.026	82	*	9.16	9.25		R	07195+4949	H 1	2 C S A	AB	9	0.133	0.019	1.07	0.74	
35497	8.339	0.011	6.874	0.005		1.234	0.009	T	1.19	0.01	L	6.9106	0.0010	0.010	104		6.89	6.93					1							S
35498	7.832	0.008	7.659	0.007		0.166	0.010	T	0.18	0.01	L	7.7100	0.0011	0.009	105		7.69	7.73		C			1							S
35499	8.487	0.012	8.598	0.016	A	−0.059	0.015	G	−0.04	0.01	H *	8.4297	0.0022	0.014	87	*	8.40	8.45		D	07196−0055	I 1	2 C A	AB	213	1.343	0.012	1.17	0.02	
35500	9.482	0.018	7.557	0.008		1.598	0.016	T	1.62	0.02	L	7.4740	0.0015	0.014	131		7.45	7.50		U 2			1							S

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	$\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	σ α* mas (14)	σ δ mas (15)	σ π mas (16)	σ $\mu_{\alpha*}$ mas/yr (17)	σ μ_δ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	F1 % (29)	F2 (30)
35501		07 19 37.14	+13 56 37.8	8.17		H	109.904 770 03	+13.943 834 44		2.27	13.49	−5.96	0.87	0.54	1.05	1.12	0.80	−33	+19	+4	−21	+10	−28	+12	−41	−11	−19	0	−0.31
35502		07 19 37.24	−63 38 48.5	10.50		G	109.905 156 20	−63.646 797 65		0.59	11.28	−35.29	1.16	1.13	1.22	1.49	1.26	−3	+11	+8	−3	+8	−10	+8	−1	+1	−12	2	1.01
35503	H	07 19 37.49	−24 01 27.8	8.97		G	109.906 219 57	−24.024 377 53	A	7.73	7.59	4.35	2.58	3.03	3.46	2.74	3.56	+20	−5	−7	−8	+13	−13	+11	−1	−13	+28	3	3.41
35504		07 19 38.78	+50 24 40.6	11.22		G	109.911 591 03	+50.411 266 72		13.67	−3.84	−130.69	2.79	2.01	3.02	3.41	2.44	−33	+38	−11	−40	+10	−14	+12	−51	+2	−23	0	0.65
35505		07 19 39.17	+72 23 40.4	8.31		H	109.913 189 23	+72.394 550 96		7.89	−79.59	−97.80	0.49	0.62	0.90	0.53	0.76	+11	+17	+3	+23	+10	+5	+12	+0	−1	+18	0	−0.56
35506		07 19 45.02	+77 46 24.4	8.57		H	109.937 578 65	+77.773 453 83		2.29	3.15	−22.09	0.62	0.75	0.92	0.64	0.96	+2	+12	+15	−1	−1	−1	+0	−2	+7	+10	0	0.37
35507		07 19 45.64	−15 15 38.0	8.37		H	109.940 180 86	−15.260 564 17		1.54	−7.23	2.51	0.75	0.73	1.19	0.80	0.81	−12	+15	−39	−14	+16	−27	+8	−23	+10	−12	0	−2.25
35508		07 19 46.07	−43 49 37.8	8.72		H	109.941 963 15	−43.827 165 51		4.00	4.43	10.77	0.63	0.68	0.79	0.63	0.68	−5	+6	+11	+5	−13	−2	−16	−16	−12	−20	1	−0.53
35509		07 19 47.61	+07 08 35.1	5.91		G	109.948 373 19	+07.143 091 33		16.86	61.20	−59.18	0.71	0.43	0.83	0.73	0.50	+6	+32	−21	−35	−16	−20	−15	−40	+22	+1	0	0.64
35510		07 19 48.34	+20 27 54.5	7.81		H	109.951 413 59	+20.465 126 05		1.14	−2.50	−22.41	0.95	0.66	1.07	1.02	0.68	−25	+45	−31	−6	+18	−21	+11	−21	−4	−1	0	0.38
35511		07 19 48.64	−09 11 28.0	8.61		H	109.952 656 65	−09.191 112 73		−0.22	0.01	1.92	0.94	0.75	1.14	1.06	0.85	+7	+13	+20	−34	−1	+6	−3	−39	−14	+23	2	0.97
35512		07 19 49.32	−74 08 23.4	8.59		H	109.955 493 36	−74.139 823 56		2.22	−0.77	15.84	0.73	0.65	0.73	0.80	0.70	+6	+18	+18	−1	−16	+5	−15	+0	+4	−18	0	2.46
35513		07 19 50.37	−49 11 12.6	9.29		G	109.959 859 40	−49.186 842 15		7.27	−66.51	97.31	0.83	0.85	0.95	0.98	1.09	−5	+10	+16	−3	+1	+1	+0	−9	+9	−25	0	1.47
35514		07 19 51.29	+54 55 18.4	8.10		H	109.963 691 43	+54.921 767 15	A	12.08	−4.74	−30.88	2.77	2.63	2.72	3.37	2.40	−15	+33	−28	−26	−20	+8	−6	−51	+9	+15	13	1.18
35515		07 19 51.72	−52 33 54.0	7.41	1	H	109.965 505 96	−52.565 011 77		4.04	4.45	11.49	0.57	0.58	0.62	0.62	0.71	−9	+11	+6	−13	−14	+0	−13	+14	−2	−19	1	1.25
35516		07 19 52.08	+54 55 36.5	8.83		H	109.966 979 84	+54.926 797 66	B	10.56	−14.67	−31.99	15.58	12.38	6.70	7.97	5.71	−21	+43	−32	−9	−18	+10	+0	−43	+12	+18	13	1.18
35517		07 19 52.84	+59 15 10.6	6.75		H	109.970 174 45	+59.252 939 15		1.85	−12.85	−26.72	0.59	0.46	0.83	0.67	0.52	−4	+21	−9	+30	+17	+4	+9	−19	−6	−15	0	−0.54
35518		07 19 53.02	−27 57 16.4	8.59		G	109.970 902 53	−27.954 568 06		1.50	−0.45	0.02	0.54	0.74	0.96	0.61	0.99	+28	−7	−17	+11	−9	−8	−10	−10	−13	+35	2	−1.69
35519		07 19 53.68	+09 13 46.8	9.24		G	109.973 651 42	+09.229 671 82		19.64	77.33	−461.25	1.23	0.65	1.39	1.52	0.96	+10	+29	−12	−49	−15	−30	−21	−43	−1	+25	2	1.13
35520		07 19 54.86	+46 58 21.3	8.27		H	109.978 593 85	+46.972 593 79		17.30	−43.58	−143.03	0.93	0.65	1.09	1.16	0.77	−7	+35	−18	−21	−26	+2	−16	−40	+11	+15	0	0.66
35521		07 19 54.94	+21 07 41.3	8.54		H	109.978 903 18	+21.128 132 30		4.29	−20.51	−13.55	1.01	0.66	1.14	1.24	0.71	+10	+22	−20	+5	+8	−37	−3	−10	−21	+22	0	1.26
35522		07 19 55.01	−30 37 28.7	8.36		H	109.979 223 07	−30.624 627 18		15.28	21.72	32.17	0.55	0.68	0.87	0.70	0.98	+7	−6	−8	+6	−1	+9	+3	−12	−2	+20	0	−0.85
35523		07 19 55.58	−59 17 41.8	9.12		H	109.981 600 67	−59.294 933 24		1.97	−20.41	1.71	0.73	0.87	0.84	0.84	1.17	+1	+1	+17	+8	−8	−6	−9	+7	+3	−6	1	0.71
35524		07 19 55.68	−45 21 06.1	8.87		H	109.982 006 29	−45.351 702 40		3.68	−6.90	3.77	0.68	0.71	0.81	0.82	0.85	−8	+6	−3	−5	+2	+7	+1	−15	−7	−16	1	−0.08
*35525		07 19 55.86	+59 41 47.8	8.29	2	H	109.982 749 69	+59.696 607 54		2.17	6.95	−18.61	0.76	0.58	1.06	0.92	0.73	+6	+14	−3	+26	+11	−1	+4	−11	+1	−13	0	0.18
*35526		07 19 55.81	+33 36 51.9	7.26		H	109.982 525 36	+33.614 424 79		4.90	−10.80	−18.67	0.96	0.66	1.01	1.13	0.68	+3	+32	−14	+26	+15	+7	+13	−16	−6	+12	0	−0.05
35527	H	07 19 56.10	+40 43 04.1	8.87		H	109.983 759 32	+40.717 799 26	*	2.53	4.55	−4.64	2.89	1.47	1.75	2.51	1.30	−13	+27	−34	+3	−23	+37	+13	−51	+37	+49	1	0.22
35528		07 19 57.08	−35 04 22.7	8.99		H	109.987 840 64	−35.072 969 28		3.80	7.89	−11.92	0.65	0.75	0.91	0.79	1.07	+2	−4	−8	−6	−8	−4	−9	+4	−3	−1	0	−0.09
35529		07 19 57.09	−04 35 00.1	7.84		H	109.987 861 56	−04.583 350 85		3.34	−16.50	−3.33	0.93	0.61	1.02	1.11	0.67	+14	+29	−19	−26	−24	+8	−15	−34	+16	+4	0	0.22
35530		07 19 57.55	+56 16 14.6	9.02		H	109.989 793 37	+56.270 734 39		3.19	−4.53	−4.85	0.74	0.60	1.16	0.86	0.74	−6	+22	+2	+29	+18	+2	+8	−13	−6	−30	0	−0.16
35531		07 19 59.11	−51 27 46.2	11.19		G	109.996 298 80	−51.462 835 50		19.11	−107.01	170.14	1.80	1.88	2.09	2.27	2.62	+4	+1	−7	+1	+1	−28	+0	+7	−3	−13	0	4.23
35532	H	07 19 59.38	−40 29 41.6	9.88		H	109.997 436 10	−40.494 900 41	A	1.23	−3.34	4.57	1.76	2.35	1.85	1.53	2.04	−3	−11	+1	−2	+2	+13	+3	−5	−15	−5	1	−0.62
35533		07 19 59.58	+02 27 37.7	7.35		H	109.998 239 06	+02.460 464 02		6.41	−11.79	−14.06	0.90	0.59	1.02	0.97	0.59	+15	+6	−31	−41	−23	+14	−17	−57	+26	+22	0	0.38
35534		07 20 00.33	+62 36 07.1	9.46		H	110.001 389 64	+62.601 975 22		3.04	−10.21	−3.64	0.87	0.84	1.38	1.20	1.24	+16	+15	+14	+14	+18	+5	+7	−37	−1	−9	0	−1.61
35535	H	07 20 00.75	−07 41 56.6	8.96		H	110.003 107 53	−07.699 055 06	A	0.29	−1.95	0.41	2.57	1.63	2.17	2.89	1.71	−14	+6	−18	−61	−1	+6	−3	−48	+2	+15	2	0.77
35536		07 20 00.81	+54 02 11.0	9.11		H	110.003 373 84	+54.036 398 53		4.41	6.50	5.44	0.95	0.79	1.15	1.29	0.82	−30	+23	−27	+0	−1	−6	+3	−23	+5	−12	0	0.26
35537		07 20 02.55	+19 31 15.2	7.21		H	110.010 635 56	+19.520 885 03		2.79	27.25	−32.04	1.01	0.63	1.15	1.00	0.65	−12	+45	−34	−9	−6	+14	+9	−39	+23	+8	0	0.09
35538	H	07 20 02.62	+03 46 36.6	7.93		H	110.010 904 77	+03.776 826 56	A	0.92	2.84	−3.57	1.62	0.93	1.59	1.45	0.95	−15	+39	−21	−35	−3	−9	−4	−33	+10	+13	1	−0.76
35539	H	07 20 02.71	−24 24 57.5	7.90	2	H	110.011 295 96	−24.415 984 78	A	5.15	−8.24	2.51	0.88	1.12	1.47	0.96	1.25	+15	−14	−14	−18	+15	−12	+14	−8	−7	+2	3	1.30
35540		07 20 03.05	−33 35 41.4	7.95		H	110.012 719 95	−33.594 821 93		6.53	−13.60	14.76	0.54	0.62	0.79	0.60	0.86	+1	+7	−18	+23	+3	+12	+7	+8	+4	+4	3	1.31
35541		07 20 03.25	+07 22 31.6	9.18		H	110.013 552 70	+07.375 451 79		1.92	5.51	−19.30	1.26	0.68	1.28	1.41	0.90	−3	+33	−15	−56	+3	−26	+0	−53	+5	−12	0	0.67
35542		07 20 03.70	+71 20 46.9	9.98		H	110.015 417 61	+71.346 373 46		3.27	5.72	3.05	1.44	1.80	2.72	1.72	2.27	+17	+14	−9	+1	−13	+16	−10	−10	+9	+30	1	
35543		07 20 04.68	−04 59 29.2	7.10		G	110.019 511 26	−04.991 439 72		10.90	−66.41	−2.49	0.72	0.56	0.87	0.87	0.57	+11	+13	−25	−20	−25	+5	−17	−42	+28	+9	6	1.76
35544		07 20 04.81	−20 42 14.6	6.99		H	110.020 034 36	−20.704 065 63		5.13	−5.76	−11.86	0.50	0.55	0.77	0.61	0.65	−33	+22	−21	+1	+5	−14	+3	−2	+5	−34	0	−0.37
35545		07 20 06.22	+22 24 37.8	8.85		H	110.025 914 24	+22.410 495 54		1.65	6.04	−13.28	1.28	0.89	1.50	1.49	0.91	−27	+30	−26	−1	+12	−34	+6	−18	+2	−12	0	2.50
35546		07 20 06.59	−54 12 39.1	7.93		H	110.027 476 50	−54.210 848 56		3.39	−8.11	29.21	0.66	0.57	0.66	0.75	0.78	−1	+10	−2	−18	−7	+7	−3	+19	−5	−15	3	−1.05
35547		07 20 06.79	−03 54 52.3	6.70		H	110.028 272 56	−03.914 531 85		4.54	2.33	2.73	0.81	0.48	0.90	0.81	0.51	+1	+48	−11	−14	−10	+4	−2	−33	+13	+6	0	0.80
35548		07 20 06.84	+15 08 34.7	6.45		H	110.028 498 29	+15.142 972 47		2.98	2.59	−18.13	0.83	0.45	0.90	0.79	0.60	−37	+58	−23	−20	+2	−10	−6	−22	−9	−15	2	1.33
35549		07 20 07.16	−20 19 58.3	10.47	2	H	110.029 832 62	−20.332 861 40		1.96	1.72	−1.45	1.59	1.83	2.31	1.87	2.28	−30	+20	−7	−30	−1	−8	−1	−16	+2	−34	1	−0.57
35550		07 20 07.39	+21 58 56.4	3.50		G	110.030 788 90	+21.982 339 41	+	55.45	−18.72	−7.76	5.81	4.11	0.85	11.31	5.00	+49	+15	−5	−99	−50	−18	−62	−95	−4	+63	0	1.44
35551		07 20 09.58	+16 08 25.3	6.88		H	110.039 898 75	+16.140 359 63		2.54	−8.32	−11.73	0.88	0.48	0.96	0.82	0.60	−31	+59	−25	−37	+11	−32	+0	−32	−2	−16	0	1.40
35552		07 20 09.68	−13 59 51.8	8.26		H	110.040 333 91	−13.997 734 73		0.48	−4.44	0.90	0.71	0.70	1.08	0.75	0.73	−16	+27	−29	−1	+27	−19	+26	−13	+11	−5	0	0.20
35553		07 20 10.26	−22 53 27.9	9.30		H	110.042 753 41	−22.891 085 30		1.07	−2.30	−0.72	0.94	1.14	1.51	1.29	1.41	−16	−6	−40	−12	−3	−15	−7	+13	+0	−28	0	2.10
35554	H	07 20 10.98	−43 29 29.4	8.21		H	110.045 748 07	−43.491 487 04	A	5.43	−13.20	7.72	1.14	1.13	1.12	0.94	0.97	−3	+1	+10	+10	−14	+14	−15	−20	−16	−18	2	0.13
35555		07 20 12.94	−19 49 07.2	9.78		G	110.053 895 98	−19.818 658 20		10.22	24.41	−167.99	1.00	1.08	1.64	1.06	1.27	−30	+37	−22	−11	+4	−10	−2	−14	−8	−25	0	−0.68
35556		07 20 13.13	−06 08 17.0	7.42		H	110.054 719 57	−06.138 044 01		7.25	−11.76	6.79	0.72	0.50	0.87	0.86	0.57	+1	+24	−10	−1	−1	−13	+2	−28	+5	+17	0	−1.14
35557		07 20 13.72	+73 33 19.5	9.48		H	110.057 174 33	+73.555 407 63		2.77	3.36	3.56	0.84	1.02	1.48	0.93	1.16	+16	−1	+15	+4	−4	+6	−5	+4	+14	+15	0	−0.79
35558		07 20 13.73	+39 55 04.8	7.82		H	110.057 227 17	+39.918 007 55		4.07	9.99	−40.72	1.25	0.70	1.29	1.98	0.79	−15	+38	−30	−19	−31	+32	−4	−62	+12	+40	2	−0.23
35559		07 20 16.80	−70 10 12.3	8.89		H	110.069 988 06	−70.170 076 24		3.29	−14.96	−5.44	0.76	0.63	0.73	0.91	0.68	−4	+29	+0	−21	−2	+8	+1	−20	+6	−17	0	−2.60
35560		07 20 18.61	−17 51 54.5	8.50		H	110.077 540 11	−17.865 147 64		12.69	−29.60	54.63	0.81	0.80	1.17	1.09	0.95	−27	+19	−13	+9	+20	−9	+22	−22	+7	−13	0	2.29
35561		07 20 18.83	−08 32 59.2	7.15		H	110.078 455 39	−08.549 789 25		−1.05	−1.72	−1.48	0.90	0.62	0.95	0.98	0.67	−6	+11	+4	−54	+7	+8	+6	−56	−7	+26	0	0.63
35562	H	07 20 19.08	−29 20 19.2	8.65		H	110.079 513 01	−29.338 665 99	A	2.93	−7.26	7.91	0.82	1.10	1.17	0.89	1.29	+15	+3	−12	+16	+7	+5	+9	−11	−2	+4	3	−0.12
35563		07 20 20.62	+32 07 18.6	10.62		H	110.085 928 17	+32.121 844 88		3.76	−3.92	−8.93	2.06	1.43	2.52	2.38	1.35	−20	+40	−43	+3	−20	+35	+4	−37	+13	+18	0	−0.17
35564	H	07 20 21.46	−52 18 42.8	5.50		H	110.089 406 61	−52.311 882 50	A	28.75	−35.17	147.45	1.00	0.96	0.87	0.85	1.00	−10	+6	+3	−25	−5	+4	−2	+1	+3	−26	9	2.53
*35565		07 20 22.85	+28 07 20.0	7.16		H	110.095 206 14	+28.122 214 17		3.43	−3.21	−3.83	0.90	0.61	0.99	0.85	0.54	−22	+46	−25	−7	+10	−17	+3	−27	−9	−5	0	0.07
*35566		07 20 22.83	−22 05 04.5	7.18		H	110.095 134 32	−22.084 594 41		2.36	−5.68	1.30	0.60	0.58	0.86	0.73	0.67	−24	+17	−23	−7	+8	−14	+5	−7	+0	−17	0	0.06
35567		07 20 22.98	−56 17 41.3	6.57		H	110.095 757 98	−56.294 796 39		14.25	−27.77	61.59	0.45	0.46	0.48	0.53	0.54	−9	+10	+2	+22	−6	+9	−9	−1	−2	−23	3	−0.79
35568		07 20 24.75	−31 39 16.9	8.61		H	110.103 121 33	−31.654 703 70		3.60	−4.37	9.35	0.59	0.73	0.91	0.71	1.08	+5	+8	−7	−13	+5	−8	+6	−5	+4	+7	0	−1.27
35569		07 20 28.55	−47 16 50.8	9.36		H	110.118 964 43	−47.280 767 13		1.57	17.99	13.64	0.89	0.82	0.96	1.11	1.09	−5	−5	+0	−16	−11	+9	−11	+1	−7	−9	0	0.07
35570		07 20 29.69	−11 14 34.3	8.94		H	110.123 697 15	−11.242 854 91		3.26	−2.21	1.93	1.03	0.79	1.20	0.95	0.86	−13	+9	−14	−41	+23	−22	+20	−28	−19	+23	0	0.46
35571		07 20 30.18	−40 54 40.3	11.40		H																							
35572		07 20 30.32	−06 36 12.2	7.88		H	110.126 351 42	−06.603 396 75		8.49	29.71	−50.61	0.87	0.60	1.03	0.95	0.65	+10	+38	−3	+0	+6	−4	+9	−28	+11	+11	0	−0.02
35573		07 20 30.39	+20 06 54.8	8.16		G	110.126 638 56	+20.115 225 60		1.07	1.47	−10.78	0.93	0.62	1.05	1.06	0.67	−19	+44	−37	+0	+6	−6	+11	−22	+9	+14	0	0.29
35574		07 20 30.60	+68 32 24.1	8.20		G	110.127 516 12	+68.540 034 32	A	5.02	−6.85	−34.90	1.30	1.54	1.81	1.13	1.77	+35	+5	−8	−19	−34	+7	−34	−39	+13	+51	0	1.39
35575		07 20 31.00	+19 23 49.2	8.88		H	110.129 167 96	+19.396 994 64		3.01	0.76	−0.39	1.38	0.89	1.63	1.30	0.82	−15	+47	−39	−1	−7	+25	+6	−38	+8	+3	0	0.05
35576	H	07 20 31.07	+00 24 13.1	6.88		H	110.129 469 83	+00.403 634 29	A	2.33	−6.03	−6.54	2.03	1.75	2.02	2.30	2.07	−10	+31	−24	−29	+8	−24	+6	−30	+16	−16	1	1.40
35577		07 20 31.20	+17 51 52.7	7.75		H	110.130 007 87	+17.864 642 98		3.76	−6.84	−0.63	0.89	0.59	0.98	1.01	0.63	+4	+29	−28	−3	−6	−18	−12	−9	−7	+20	0	−0.10
35578		07 20 32.56	−26 42 01.2	6.74		G	110.135 653 02	−26.700 342 38		11.08	−32.81	43.76	0.39	0.54	0.75	0.49	0.66	+24	+8	−26	+25	−2	+13	+5	−15	+17	+34	0	0.14
*35579		07 20 32.67	+68 32 22.4	10.58		H	110.136 140 01	+68.539 553 22	B	19.71	−7.66	−50.17	16.59	21.02	9.96	11.73	21.06	+30	−4	−23	−20	−32	+15	−32	−37	+21	+50	0	1.39
*35580	H	07 20 32.62	−36 55 02.1	9.51		G	110.135 912 29	−36.917 252 03	A	2.58	−6.57	−0.31	1.65	1.85	1.93	1.66	1.89	−13	−6	+7	−11	+8	+15	+10	−10	+5	−17	0	3.68
35581		07 20 34.99	−57 29 21.0	9.08		H	110.145 791 85	−57.489 176 52		4.25	−15.53	−45.67	0.78	0.81	0.83	0.87	1.01	−16	−10	+11	+25	−9	+4	−14	−2	+11	−24	1	−0.18
35582		07 20 35.11	+30 14 55.8	9.60		H	110.146 296 39	+30.248 844 52		5.06	−4.44	−43.94	1.70	1.03	1.83	1.97	1.06	−18	+55	−39	+26	−22	+19	−4	−9	+5	+22	0	1.26
*35583	H	07 20 35.58	−01 35 45.6	8.01		H	110.148 247 26	−01.596 008 21	*	2.72	−9.09	−3.45	1.32	1.29	1.23	1.15	0.79	+9	+34	+6	−38	−16	−15	−15	−27	+4	+10	1	0.16
*35584		07 20 35.55	−46 42 30.1	11.51	3	H	110.148 137 52	−46.708 360 79		0.89	2.24	−0.43	1.41	1.39	1.61	1.73	1.81	−6	−1	+2	+3	−8	+8	−9	+15	−7	−2	6	0.45
35585		07 20 35.94	−52 11 50.8	9.13		H	110.149 736 92	−52.197 436 91	B	5.49	10.73	−23.65	10.61	10.39	5.72	6.83	7.77	−8	+14	−1	−25	−6	−4	−1	+3	+7	−22	3	0.08
35586		07 20 37.05	−14 52 15.8	8.58		G	110.154 381 54	−14.871 067 55		2.01	12.35	33.45	0.78	0.77	1.28	0.88	0.86	−7	+16	−36	+0	+17	−35	+7	−12	+9	−5	0	−0.45
35587		07 20 37.88	+14 53 58.0	8.51		H	110.157 820 01	+14.899 451 54		1.46	0.45	−8.26	0.99	0.54	1.14	1.32	0.93	−33	+41	−3	−23	+0	−3	−5	−34	−25	+14	0	1.13
*35588		07 20 39.02	−52 11 55.4	6.90		H	110.162 588 40	−52.198 713 93	A	5.84	−7.94	3.40	1.18	1.13	1.00	1.20	1.42	−11	+15	+7	−16	−8	−9	−5	+4	+8	−27	3	0.08
*35589		07 20 38.81	−52 05 09.3	5.38		H	110.161 728 62	−52.085 925 27		6.61	−8.17	0.46	0.44	0.45	0.50	0.48	0.60	−5	+20	+1	−2	−8	−12	−5	+6	+13	−23	1	0.90
35590		07 20 39.15	−58 40 23.8	7.81		H	110.163 108 45	−58.673 281 03		2.28	−4.31	7.85	0.56	0.57	0.59	0.69	0.70	+5	+3	+6	+5	−10	+2	−15	−24	+12	−14	0	−0.04
35591		07 20 40.15	+16 23 21.4	8.56		H	110.167 272 33	+16.389 287 09		2.72	9.51	−17.12	1.21	0.62	1.39	1.11	0.75	−36	+65	−32	−35	+10	−39	−8	−22	−11	+0	0	0.17
35592		07 20 41.76	−34 47 10.0	11.09		H	110.174 007 45	−34.786 100 19		15.03	24.92	47.32	1.39	1.61	1.91	1.54	2.25	+4	−3	+6	−9	−19	−17	−21	+5	−7	−2	0	1.51
35593		07 20 42.96	−19 13 40.6	8.32		H	110.178 979 41	−19.227 954 06		2.73	0.99	0.22	0.68	0.80	1.11	0.80	1.01	−48	+29	−18	−17	+16	−16	+12	−16	−4	−46	2	0.41
35594	H	07 20 42.98	−08 25 15.7	7.97		H	110.179 094 42	−08.421 021 40	A	0.28	1.51	−1.84	2.06	1.44	1.47	1.64	1.15	−34	+19	−2	−48	+19	+9	+18	−48	+9	−1	3	0.44
35595		07 20 43.68	+03 34 54.0	6.88		H	110.182 010 74	+03.581 676 14		1.50	−6.28	−5.60	0.77	0.44	0.90	0.74	0.47	−3	+50	−21	−32	−4	−24	−1	−39	+16	+0	0	1.07
35596		07 20 46.20	+23 37 50.5	8.31		H	110.192 479 61	+23.630 703 64		3.57	−9.55	−1.76	0.99	0.70	1.16	1.05	0.67	−19	+31	−33	−7	+1	−28	−8	−17	+2	−13	0	0.62
35597		07 20 46.27	−24 34 19.4	9.96		G	110.192 810 05	−24.572 044 18		3.45	−1.16	3.76	0.77	1.09	1.59	0.98	1.37	+12	−1	−14	−29	+16	+4	+16	−18	+11	+8	0	1.93
35598		07 20 46.31	−00 50 48.3	7.48		G	110.192 972 88	−00.846 763 75		3.37	−8.39	3.74	0.76	0.51	0.88	0.85	0.67	+2	+40	+5	−16	−16	−18	−19	−19	−6	−18	2	1.73
35599		07 20 47.73	+65 25 50.3	8.95		G	110.198 882 47	+65.430 627 91		11.82	−69.12	−312.31	0.81	0.79	1.33	0.85	1.01	+1	+24	−16	−2	+17	+6	+31	−23	+26	+34	0	−0.62
35600		07 20 48.45	−05 15 35.7	8.73	3	H	110.201 875 94	−05.259 927 63		3.62	6.06	−7.07	1.08	0.76	1.22	1.33	0.85	+0	+17	−27	−34	−5	+8	+0	−50	+23	−2	0	−1.78

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
35501	9.460	0.015	8.276	0.010		1.030	0.015	G	1.00	0.01	H	8.3185	0.0015	0.014	141		8.29	8.34					1							
35502	11.854	0.107	10.668	0.062		1.200	0.020	G	1.16	0.02	H	10.6746	0.0037	0.032	99		10.63	10.73		C			1							G
35503	8.954	0.011	9.064	0.018	*	−0.060	0.015	G	−0.04	0.01	H *	8.9260	0.0033	0.030	194	*	8.89	9.00		D	07196−2401	M 1	2 C C	AB	290	9.630	0.009	0.45	0.07	
35504						1.129	0.003	G	1.22	0.00	I	11.3943	0.0055	0.040	65		11.29	11.48		C			1							G
35505	8.954	0.009	8.346	0.008		0.567	0.011	T	0.64	0.01	L	8.4298	0.0015	0.016	182		8.41	8.46		C			1							
35506	9.902	0.017	8.682	0.011		1.043	0.016	T	1.01	0.01	L	8.7404	0.0018	0.021	152		8.71	8.78					1							
35507	8.286	0.013	8.326	0.016		−0.068	0.004	G	−0.05	0.00	H	8.3552	0.0021	0.015	86		8.33	8.38		C			1							
35508	10.218	0.026	8.839	0.014		1.167	0.023	T	1.13	0.02	L	8.8877	0.0018	0.017	126		8.86	8.91		C			1							
35509	6.547	0.004	5.967	0.003		0.537	0.006	G	0.61	0.01	H	6.0267	0.0005	0.006	112		6.02	6.04					1							S
35510	9.212	0.018	7.951	0.011		1.075	0.016	T	1.04	0.01	L	7.9805	0.0011	0.009	61		7.97	8.00		D	07198+2028	I 1	1							S
35511	8.499	0.013	8.580	0.017		−0.069	0.019	T	−0.05	0.02	L	8.5982	0.0017	0.014	74		8.57	8.62		C			1							
35512	10.052	0.024	8.715	0.013		1.134	0.021	T	1.10	0.02	L	8.7603	0.0017	0.016	113		8.74	8.79		C			1							
35513	9.999	0.023	9.336	0.020		0.560	0.020	G	0.63	0.02	H	9.4266	0.0020	0.016	104		9.40	9.46					1							
35514	8.064	0.009	8.032	0.011	A	0.034	0.013	T	0.05	0.01	L	8.1155	0.0239	0.089	87	A	7.94	8.21		D	07198+5455	I 2	1 C P A							S
35515	8.754	0.012	7.553	0.008		1.028	0.011	T	1.00	0.01	L	7.5813	0.0017	0.016	108		7.56	7.61		U			1							S
35516	8.927	0.013	8.744	0.015	B	0.175	0.019	T	0.19	0.02	L	8.9622	0.0423			B				D	07198+5455	I 2	1 C I A							
35517	8.665	0.010	6.901	0.005		1.470	0.009	T	1.48	0.01	L	6.8780	0.0009	0.007	101		6.87	6.89		C			1							S
35518	8.508	0.008	8.579	0.010		−0.052	0.015	G	−0.03	0.01	H	8.5711	0.0016	0.015	179		8.54	8.60					1							
35519	10.369	0.035	9.318	0.023		0.876	0.003	G	0.92	0.00	H	9.3811	0.0019	0.015	118		9.36	9.41		C			1							
35520	9.034	0.013	8.330	0.011		0.649	0.014	T	0.71	0.01	L	8.4007	0.0017	0.015	111		8.38	8.43		C			1							S
35521	8.740	0.014	8.535	0.016		0.196	0.020	T	0.21	0.02	L	8.5992	0.0022	0.013	62		8.57	8.62		C			1							
35522	9.043	0.012	8.426	0.011		0.571	0.012	T	0.64	0.01	L	8.4814	0.0011	0.016	139		8.46	8.51		C			1							
35523	10.544	0.036	9.235	0.020		1.112	0.032	T	1.07	0.03	L	9.2930	0.0018	0.020	111		9.25	9.32					1							
35524	10.021	0.024	8.943	0.016		0.933	0.022	T	0.93	0.02	L	9.0285	0.0017	0.018	112		9.00	9.06					1							
35525	10.326	0.034	8.519	0.014		1.535	0.030	T	2.49	0.06	O	8.3069	0.0068	0.064	94		8.22	8.41		U 2			1 S							P
35526	7.405	0.008	7.262	0.009		0.138	0.011	T	0.15	0.01	L	7.3121	0.0017	0.010	59		7.30	7.33					1							S
35527	10.046	0.027	8.945	0.018	*	0.950	0.025	T	0.94	0.02	L *	9.0328	0.0017	0.016	113	*	8.99	9.06		D	07199+4043	H 1	2 C A	AB	201	0.239	0.013	1.66	0.17	
35528	10.239	0.026	9.077	0.016		0.997	0.024	T	0.98	0.02	L	9.1570	0.0021	0.021	145		9.12	9.19		C			1							
35529	7.960	0.011	7.847	0.011		0.110	0.015	T	0.12	0.01	L	7.8819	0.0012	0.009	79		7.87	7.90					1							S
35530	10.879	0.042	9.126	0.016		1.461	0.036	T	1.47	0.06	L	9.1482	0.0012	0.017	123		9.12	9.18		C			1							
35531						1.900	0.495	G	1.73	0.24	S	11.2881	0.0067	0.059	96		11.21	11.40		R	07200−5128	I 1	1 S							G
35532	9.975	0.021	9.844	0.027	*	0.126	0.032	T	0.14	0.03	L *	9.9244	0.0033	0.030	127	*	9.87	9.99		D	07200−4030	I 1	2 C A	AB	152	0.539	0.018	2.22	0.10	G
35533	7.618	0.007	7.377	0.009		0.252	0.004	G	0.28	0.01	H	7.4176	0.0010	0.008	86		7.41	7.43		C			1							S
35534	10.948	0.045	9.553	0.021		1.179	0.039	T	1.14	0.04	L	9.6210	0.0021	0.028	156		9.56	9.67					1							
35535	8.977	0.015	8.988	0.020	*	−0.005	0.023	T	0.02	0.02	L *	8.9713	0.0025	0.015	77	*	8.94	9.00		C	07200−0742	H 1	2 C A	AB	149	0.888	0.035	2.92	0.14	
35536	9.313	0.017	9.116	0.020		0.188	0.025	T	0.21	0.03	L	9.1775	0.0022	0.015	87		9.15	9.21		C			1							
35537	8.853	0.016	7.344	0.009		1.260	0.020	G	1.22	0.02	H	7.3738	0.0012	0.008	60		7.36	7.39		C			1							S
35538	9.853	0.026	8.143	0.012	*	1.427	0.023	T	1.41	0.04	L *	8.0742	0.0018	0.012	110	*	8.05	8.09		D	07200+0347	I 1	2 C A	AB	64	0.744	0.006	1.59	0.02	
35539	7.733	0.007	7.849	0.008	*	−0.099	0.010	T	−0.08	0.01	L *	7.8661	0.0018	0.018	197	*	7.83	7.90		U 2	07200−2425	I 1	2 C A	AB	117	2.004	0.002	0.85	0.01	
35540	8.132	0.008	7.966	0.010		0.159	0.012	T	0.18	0.01	L	8.0090	0.0014	0.015	129		7.99	8.04					1							S
35541	10.289	0.033	9.256	0.022		0.899	0.030	T	0.90	0.02	L	9.3295	0.0021	0.017	105		9.29	9.36					1							
35542	12.004	0.093	10.157	0.028		1.600	0.020	G	1.57	0.02	J	10.1038	0.0029	0.035	195		10.05	10.18					1 X S							
35543	7.454	0.008	7.150	0.007		0.289	0.010	T	0.33	0.01	L	7.1754	0.0012	0.009	89		7.16	7.19			07201−0459	I 1	1 S							S
35544	7.001	0.006	6.990	0.006		0.011	0.007	T	0.03	0.01	L	7.0047	0.0008	0.011	124		6.99	7.02		C			1							S
35545	10.245	0.052	8.996	0.031		1.000	0.040	G	0.98	0.03	R	9.0144	0.0032	0.018	48		8.98	9.05		C			1							
35546	9.101	0.014	8.034	0.010		0.924	0.013	T	0.92	0.01	L	8.0935	0.0013	0.010	101		8.07	8.12		C			1							
35547	8.263	0.011	6.845	0.006		1.198	0.010	T	1.16	0.01	L	6.8685	0.0009	0.008	90		6.86	6.89		C			1							S
35548	6.462	0.003	6.453	0.004		0.009	0.004	T	0.03	0.00	L	6.4583	0.0004	0.004	115		6.45	6.47					1							S
35549	12.902	0.403	10.799	0.086		1.600	0.015	G	1.57	0.01	J	10.5900	0.0086	0.079	138		10.49	10.76		U 2			1 S							G
35550	3.946	0.002	3.579	0.002		0.374	0.015	G	0.44	0.03	C	3.6031	0.0007	0.004	34		3.60	3.61			07201+2159	I 1	1 O							S D
35551	8.211	0.009	7.005	0.006		1.032	0.008	T	1.00	0.01	L	7.0514	0.0009	0.006	99		7.04	7.06		C			1							S
35552	10.140	0.032	8.425	0.014		1.431	0.028	T	1.42	0.04	L	8.3971	0.0016	0.015	97		8.37	8.42		C			1							
35553	9.135	0.013	9.273	0.019		−0.120	0.020	T	−0.11	0.03	L	9.2580	0.0027	0.027	119		9.22	9.30					1 S							
35554	8.294	0.008	8.236	0.010	*	0.052	0.012	T	0.06	0.01	L *	8.2288	0.0017	0.016	125	*	8.20	8.26		D	07202−4329	I 1	2 C A	AB	243	0.534	0.005	1.68	0.03	S
35555	10.476	0.028	9.827	0.025		0.600	0.015	G	0.67	0.01	H	9.9143	0.0026	0.030	145		9.85	9.98		C			1							G
35556	8.739	0.013	7.530	0.009		1.034	0.012	T	1.01	0.01	L	7.5889	0.0016	0.010	89		7.57	7.61		C			1							
35557	10.764	0.032	9.585	0.020		1.011	0.029	T	0.99	0.02	L	9.6473	0.0028	0.030	151		9.60	9.70					1 S							
35558	9.836	0.022	7.977	0.009		1.545	0.019	T	1.61	0.04	L	7.9373	0.0013	0.012	91		7.92	7.96					1							
35559	10.103	0.025	8.972	0.016		0.973	0.023	T	0.96	0.02	L	9.0494	0.0016	0.017	108		9.03	9.08		C			1							
35560	8.991	0.012	8.542	0.012		0.437	0.013	T	0.51	0.01	L	8.6025	0.0022	0.017	109		8.58	8.64					1							
35561	7.623	0.008	7.189	0.011		0.410	0.013	T	0.48	0.01	L	7.2407	0.0011	0.009	79		7.23	7.26		C			1							S
35562	8.736	0.010	8.656	0.012	*	0.072	0.014	T	0.08	0.01	L *	8.6801	0.0017	0.018	164	*	8.65	8.71		D	07203−2920	I 1	2 C A	AB	194	0.618	0.010	2.46	0.05	
35563	10.900	0.081	10.756	0.115		0.425	0.107	G	0.49	0.11	R	10.7138	0.0060	0.024	49		10.68	10.75					1							G
35564	6.055	0.004	5.541	0.004	*	0.483	0.005	T	0.55	0.01	L *	5.6053	0.0010	0.008	111	*	5.59	5.62		D	07204−5219	I 1	2 C A	AB	25	9.174	0.004	0.65	0.01	S
35565	7.300	0.009	7.183	0.009		0.113	0.012	T	0.13	0.01	L	7.2018	0.0011	0.008	67		7.19	7.22		C			1							S
35566	8.474	0.013	7.293	0.007		1.012	0.012	T	0.99	0.01	L	7.3512	0.0012	0.011	111		7.33	7.37		C			1							S
35567	6.706	0.005	6.583	0.004		0.111	0.006	T	0.12	0.01	L	6.6099	0.0009	0.008	111		6.60	6.62					1							S
35568	9.853	0.019	8.717	0.013		0.977	0.018	T	0.96	0.01	L	8.7747	0.0016	0.018	138		8.75	8.80					1							
35569	10.891	0.052	9.520	0.026		1.161	0.046	T	1.12	0.04	L	9.5231	0.0024	0.022	105		9.49	9.56		C			1							
35570	9.161	0.017	8.954	0.021		0.198	0.025	T	0.22	0.03	L	9.0058	0.0019	0.017	66		8.97	9.04		C			1							
35571											T	11.5416	0.0074	0.065	141		11.41	11.72					S							G G
35572	8.637	0.011	7.965	0.010		0.622	0.012	T	0.69	0.01	L	8.0118	0.0017	0.014	92		7.99	8.03					1							S
35573	8.095	0.010	8.134	0.013		−0.054	0.002	G	−0.03	0.00	H	8.1479	0.0013	0.009	60		8.14	8.17					1							S
35574	8.483	0.007	8.197	0.008	A	0.273	0.015	G	0.31	0.02	H	8.2590	0.0050	0.023	198	A	8.23	8.31		D	07205+6832	I 2	1 C P A							S
35575	10.796	0.063	9.007	0.023		1.490	0.053	T	1.51	0.08	L	9.0045	0.0036	0.019	52		8.98	9.03					1							
35576	6.887	0.006	6.905	0.007	*	−0.012	0.008	T	0.01	0.01	L *	6.8803	0.0007	0.007	91	*	6.87	6.89		D	07205+0024	I 1	2 C A	AB	170	0.671	0.002	0.32	0.01	S
35577	9.176	0.017	7.866	0.011		1.113	0.016	T	1.08	0.02	L	7.9209	0.0014	0.012	71		7.90	7.95		C			1							
35578	7.044	0.004	6.758	0.004		0.248	0.006	G	0.28	0.01	H	6.8069	0.0007	0.009	181		6.79	6.82					1							S
35579	10.986	0.046	10.332	0.038	B	0.607	0.051	T	0.68	0.04	L	10.7813	0.0466			B				D	07205+6832	I 2	1 C I A							
35580	10.552	0.048	9.568	0.033	A	0.790	0.015	G	0.82	0.01	H *	9.5541	0.0032	0.029	121	*	9.51	9.60		D	07205−3655	H 1	2 C C	AB	190	1.432	0.047	2.96	0.27	G
35581	10.316	0.028	9.182	0.018		0.976	0.026	T	0.96	0.02	L	9.2478	0.0016	0.017	97		9.22	9.28					1							
35582	10.174	0.039	9.653	0.039		0.489	0.050	T	0.56	0.05	L	9.7110	0.0025	0.018	55		9.68	9.76		C			1							
35583	7.928	0.007	7.988	0.011	*	−0.050	0.012	T	−0.03	0.01	L *	7.9947	0.0017	0.011	94	*	7.98	8.01			07206−0136	I 1	2 C A	AS	269	0.284	0.012	1.79	0.13	S
35584											T	11.5954	0.0613	0.383	94		10.67	11.93	0.39	P 1 A			1 S							G
35585	9.696	0.035	9.136	0.032	B	0.524	0.042	T	0.60	0.04	L	9.3095	0.0384			B				D	07206−5212	I 2	1 C I D							D
35586	10.431	0.042	8.719	0.018		1.422	0.005	G	1.41	0.01	H	8.7176	0.0023	0.024	95		8.67	8.75					1 S							
35587	10.043	0.022	8.648	0.012		1.179	0.020	T	1.14	0.02	L	8.6811	0.0011	0.009	120		8.66	8.70		C			1							
35588	6.861	0.005	6.890	0.006	A	−0.024	0.007	T	0.00	0.01	L	6.9033	0.0058	0.009	114	A	6.89	6.92		D	07206−5212	I 2	1 C P D							S D
35589	5.286	0.003	5.367	0.003		−0.069	0.004	T	−0.05	0.00	L	5.3577	0.0005	0.005	105		5.35	5.37		C			1							S
35590	7.789	0.007	7.811	0.008		−0.019	0.002	G	0.00	0.00	H	7.8115	0.0009	0.010	109		7.79	7.83					1							S
35591	9.794	0.024	8.657	0.016		0.970	0.023	T	0.95	0.02	L	8.7079	0.0013	0.012	91		8.68	8.73					1							
35592						1.625	0.218	G	1.69	0.26	K	11.1969	0.0053	0.054	138		11.11	11.28					1							G
35593	9.491	0.023	8.416	0.016		0.931	0.021	T	0.93	0.01	L	8.4785	0.0018	0.023	146		8.44	8.51					1							
35594	7.947	0.011	7.999	0.013	*	−0.006	0.006	G	0.01	0.01	H *	7.9760	0.0021	0.015	76	*	7.95	8.00		D	07207−0825	H 1	2 C A	AB	300	0.436	0.014	2.57	0.09	
35595	6.663	0.004	6.851	0.006		−0.164	0.006	T	−0.17	0.01	L	6.8224	0.0006	0.006	108		6.81	6.83		C			1							S
35596	8.467	0.012	8.331	0.014		0.131	0.017	T	0.15	0.02	L	8.3639	0.0016	0.013	57		8.35	8.39		D			1							
35597	9.786	0.018	9.951	0.030		−0.110	0.020	G	−0.09	0.02	H	9.9292	0.0028	0.034	196		9.87	9.98					1							G
35598	7.870	0.009	7.509	0.011		0.317	0.015	G	0.37	0.02	H	7.5743	0.0012	0.009	83		7.56	7.59		C			1							S
35599	9.709	0.021	9.019	0.018		0.614	0.007	G	0.68	0.01	H	9.0639	0.0025	0.025	134		9.03	9.13			07208+6526	I 1	1							
35600	10.140	0.033	8.897	0.019		1.061	0.030	T	1.03	0.03	L	8.8943	0.0144	0.139	86		8.79	9.63		P 1 A			1 S							

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α deg (ICRS) (8)	δ deg (ICRS) (9)	(10)	Par. π mas (11)	μα* mas/yr (12)	μδ mas/yr (13)	σ α* mas (14)	σ δ mas (15)	σ π mas (16)	σ μα* mas/yr (17)	σ μδ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	F1 % (29)	F2 (30)
35601		07 20 49.35	+09 39 14.0	7.50		H	110.205 639 77	+09.653 878 99		13.24	−37.63	−47.00	0.90	0.49	1.05	1.29	0.69	+10	+16	−15	−37	−13	−19	−9	−51	+2	+41	0	0.54
35602		07 20 49.88	−06 08 07.8	7.24		H	110.207 836 31	−06.135 508 01		3.01	−5.74	6.38	0.68	0.48	0.83	0.75	0.53	−5	+30	−7	−8	−1	−11	+6	−26	+12	+13	0	−2.28
35603		07 20 49.97	−51 24 17.0	6.79		H	110.208 212 60	−51.404 723 71		7.29	−28.04	36.86	0.48	0.48	0.54	0.57	0.66	+3	+18	−10	−10	+3	−11	+6	+0	+15	−13	1	1.96
35604		07 20 50.03	−29 51 47.8	7.88		G	110.208 454 04	−29.863 281 11		0.58	−3.20	6.98	0.47	0.58	0.72	0.57	0.82	+12	+0	−9	+28	+5	+13	+6	−1	+8	+10	0	1.81
35605		07 20 50.35	−32 28 36.0	7.34		H	110.209 810 23	−32.476 675 79		1.75	0.26	−2.33	0.51	0.55	0.68	0.56	0.74	−1	+9	−5	+35	−1	+10	+0	+20	+2	+0	1	−0.32
35606		07 20 51.44	−09 49 14.6	8.31		H	110.214 321 99	−09.820 720 30		1.96	−4.68	1.48	0.85	0.70	1.08	0.99	0.76	+1	+9	−18	−26	+1	−3	+2	−31	−2	+46	0	−1.64
35607	H	07 20 51.80	−48 30 50.9	8.06	2	H	110.215 846 96	−48.514 128 81	A	1.41	−4.74	11.61	1.17	1.09	1.15	1.34	1.29	+8	+17	−1	+5	+0	+26	+3	+3	+9	−1	5	1.45
35608		07 20 52.72	−21 34 30.3	8.29	1	H	110.219 686 10	−21.575 070 65		2.70	0.85	0.48	0.63	0.66	0.93	0.71	0.79	−37	+35	−19	−10	+12	−10	+12	−12	+6	−28	0	0.40
35609		07 20 53.10	−22 51 01.6	6.59		H	110.221 229 33	−22.850 439 97		1.86	−8.64	5.04	0.55	0.53	0.77	0.75	0.65	−15	+13	−31	−7	−9	+0	−8	−10	+11	−14	2	1.32
35610		07 20 54.14	−20 38 56.6	7.17		H	110.225 571 54	−20.649 068 10		8.99	−16.05	−4.66	0.51	0.57	0.80	0.67	0.74	−26	+17	−13	+4	+0	−17	−3	−4	+5	−34	0	0.56
35611		07 20 54.92	−26 57 49.9	6.00	1	H	110.228 829 41	−26.963 851 60		1.81	−4.97	5.63	0.40	0.55	0.73	0.53	0.73	+27	+7	−30	+16	+1	+10	+9	−7	+8	+46	0	0.35
*35612		07 20 55.28	+52 16 04.7	7.93		G	110.230 341 82	+52.267 976 28		2.35	4.91	−14.33	0.84	0.67	1.02	1.01	0.69	−5	+29	−22	−10	−25	+8	−21	−37	−14	+8	0	−0.11
*35613	H	07 20 54.92	−56 46 48.7	8.09		H	110.228 838 54	−56.780 195 98	A	2.68	−3.01	9.45	1.26	1.41	1.13	1.07	1.27	−11	−6	+16	+21	−13	−9	−15	−1	+4	−31	7	1.59
35614		07 20 57.64	+06 14 15.4	7.17		H	110.240 158 45	+06.237 611 08		2.91	−5.75	−7.75	0.82	0.46	0.90	0.82	0.53	+14	+35	−19	−40	−21	−17	−15	−42	+27	−4	2	2.28
35615		07 20 58.29	−14 21 37.8	5.59		H	110.242 882 94	−14.360 488 47		5.86	−10.50	−0.35	0.52	0.45	0.74	0.54	0.49	+2	+24	−21	−15	+9	−25	+7	−16	+10	+15	0	−1.46
35616		07 20 58.35	+22 35 07.6	8.80		H	110.243 120 50	+22.585 445 13		2.10	11.88	13.14	1.21	0.94	1.43	1.55	1.00	−24	+21	−32	−6	+24	−35	+12	−32	+5	−28	0	0.64
35617		07 20 59.01	+24 59 58.2	8.40	2	H	110.245 872 69	+24.999 487 54		1.83	−4.05	−7.97	0.99	0.80	1.24	1.36	0.76	−14	+31	−55	−3	−16	+7	−5	−23	+11	+34	0	−0.46
35618		07 20 59.41	−50 47 52.7	8.94		H	110.247 545 17	−50.797 972 56		2.87	−6.55	7.55	0.81	0.81	0.89	1.02	1.12	+7	+8	+4	−3	+6	−4	+6	−5	+1	−17	1	0.29
35619	H	07 21 00.62	+10 11 44.4	7.75		H	110.252 583 46	+10.195 657 38	A	5.18	−3.52	−16.40	1.33	0.76	1.29	1.32	0.85	−22	+9	−3	−40	+18	−18	+18	−47	−1	−26	1	0.27
35620	H	07 21 01.62	+13 04 45.2	8.09		H	110.256 759 38	+13.079 234 70	*	4.63	−9.94	−16.84	0.91	0.55	1.03	0.96	0.64	−34	+44	−20	−23	+8	−20	+11	−39	+13	−21	0	0.46
35621		07 21 01.69	−50 51 15.3	7.31		H	110.257 058 55	−50.854 263 82		2.02	−6.67	8.91	0.48	0.49	0.54	0.60	0.68	+5	+15	−1	−6	+3	+2	+5	−5	+7	−17	1	2.31
35622		07 21 02.01	−09 07 55.2	8.02		H	110.258 386 04	−09.131 999 41		4.49	−4.21	−14.44	1.00	0.79	1.15	1.18	0.83	−10	+15	−6	−27	+26	+7	+26	−43	+1	+12	0	1.35
35623		07 21 03.11	+42 39 21.6	6.33		H	110.262 970 04	+42.655 999 42		4.05	−17.59	−35.59	0.93	0.48	0.94	0.93	0.51	−34	+56	−15	+14	+0	+11	+14	−48	−4	+4	0	0.10
*35624		07 21 03.31	+25 40 07.8	8.76	2	H	110.263 796 27	+25.668 836 62		8.01	−6.52	−5.72	1.28	0.95	1.33	1.72	0.96	+17	+14	−39	−38	−33	+13	−26	−45	+12	+40	0	0.50
*35625		07 21 03.31	−26 06 55.8	8.70		G	110.263 775 90	−26.115 510 44		−0.24	−1.94	3.65	0.54	0.80	1.12	0.62	1.00	+26	+0	−15	+32	+2	+7	+4	−12	+4	+28	0	0.52
35626		07 21 04.34	−25 53 30.0	5.87	2	H	110.268 085 05	−25.891 676 05		4.51	−11.92	13.44	0.32	0.49	0.70	0.33	0.57	+21	−3	−18	+37	−5	+6	−5	−16	+3	+21	1	0.38
35627		07 21 05.08	−41 11 50.3	7.98		H	110.271 163 02	−41.197 316 42		4.10	−15.34	13.95	0.55	0.61	0.72	0.55	0.67	+6	+7	+10	−4	−8	+17	−10	−6	+2	−4	4	1.44
35628		07 21 06.84	+67 39 42.0	8.38	1	H	110.278 499 06	+67.661 663 99		39.10	−70.56	70.11	0.63	0.70	1.15	0.59	0.92	+4	+11	−3	−46	−6	−4	−6	−38	+16	+3	0	0.78
35629		07 21 07.55	−02 23 49.0	8.93		H	110.281 445 48	−02.396 937 38		1.64	−2.06	0.74	1.18	0.75	1.35	1.22	0.85	−7	+34	−16	−44	−1	−21	+3	−41	+21	−15	0	0.49
35630		07 21 07.71	−28 37 38.7	8.92		H	110.282 123 00	−28.627 421 50		2.52	−4.45	9.07	0.71	0.86	1.15	0.81	1.16	+24	+0	−15	+34	+4	−3	+3	+7	−8	+28	0	1.28
35631		07 21 09.12	−03 21 45.4	8.28		H	110.288 012 51	−03.362 615 40		3.14	−2.85	6.44	0.88	0.55	1.03	0.98	0.61	−4	+33	−9	−13	+1	+0	+8	−32	+20	+2	0	0.27
35632		07 21 10.69	+62 05 44.5	9.22		H	110.294 522 35	+62.095 707 71		3.95	−7.37	−4.69	0.82	0.68	1.19	1.05	0.99	+16	+24	+1	+24	+13	+8	+10	−14	+17	−4	0	−0.22
35633		07 21 12.07	−15 21 26.6	9.78		H	110.300 283 56	−15.357 398 78		17.74	336.88	−405.54	0.89	0.87	1.32	0.99	1.01	−12	+13	−26	−4	+14	−16	+12	−15	+8	−9	2	2.81
35634		07 21 12.71	−02 41 17.0	8.50		H	110.302 942 66	−02.688 044 61		2.67	−15.16	−3.53	0.94	0.62	1.09	1.00	0.70	−13	+38	−19	−32	+7	−28	+9	−33	+20	−20	0	0.27
35635		07 21 14.10	−12 55 58.9	8.70		H	110.308 741 21	−12.933 020 57		1.89	−3.79	−12.80	0.67	0.69	1.13	0.80	0.84	−28	+18	−23	+28	+16	−28	+14	+18	+9	−25	0	0.42
35636		07 21 14.34	+46 55 42.1	8.80		H	110.309 759 89	+46.928 373 44		3.68	−12.10	4.82	1.01	0.78	1.25	1.27	0.89	−26	+30	−22	−14	−19	+6	−8	−34	+11	−5	0	−0.59
35637		07 21 14.73	+31 36 50.9	9.16		H	110.311 383 86	+31.614 144 33		1.56	−4.08	8.42	1.59	0.92	1.75	1.43	0.90	−28	+64	−30	+10	+0	+1	+7	−21	+5	+3	3	2.21
35638		07 21 15.09	−35 29 46.1	7.99		H	110.312 860 67	−35.496 126 15		4.43	−12.33	0.99	0.51	0.61	0.72	0.57	0.76	+5	−12	−4	+3	−14	+4	−16	−4	+4	−3	0	0.97
35639		07 21 15.58	+26 29 39.9	8.29		H	110.314 936 44	+26.494 426 63		4.24	9.63	−8.62	1.20	0.80	1.20	1.61	0.85	+14	+35	−32	−44	−38	−2	−35	−46	−3	+48	0	0.65
35640		07 21 15.78	+39 05 30.7	8.48		G	110.315 732 23	+39.091 851 60		4.60	−7.37	−0.63	1.28	0.75	1.24	1.52	0.76	−7	+37	−7	+33	+5	+10	+5	−28	−17	+7	0	−0.07
35641		07 21 15.83	−32 01 36.1	9.32		G	110.315 953 69	−32.026 684 53		2.84	−7.98	3.04	0.68	0.82	1.02	0.80	1.13	−1	+5	−1	+13	+7	+3	+9	+21	+10	−3	0	0.30
35642		07 21 16.79	−08 52 39.2	6.56		G	110.319 975 26	−08.877 542 67		26.24	19.10	−147.15	1.07	0.89	0.93	1.55	1.46	−51	+5	+8	−77	+59	+0	+58	−82	−18	−60	0	0.77
35643		07 21 17.54	+45 13 41.4	5.74	1	H	110.323 080 85	+45.228 170 39		28.99	−49.53	12.12	0.68	0.42	0.74	0.80	0.47	−18	+39	−3	+10	−7	−12	−2	−25	−6	+1	0	1.93
35644		07 21 19.35	−18 37 11.2	8.51		H	110.330 617 05	−18.619 779 09		2.20	1.91	−3.27	0.70	0.72	1.01	0.87	0.95	−41	+21	−13	−8	+16	−25	+15	−16	+7	−37	0	0.58
35645		07 21 20.68	−41 59 25.3	7.86		H	110.336 157 42	−41.990 350 50		5.12	−11.58	17.03	0.53	0.59	0.67	0.56	0.63	+12	−1	+5	−6	−21	+4	−23	−18	+0	+2	1	−0.73
35646		07 21 20.99	+13 09 53.0	7.49		H	110.337 457 82	+13.164 714 49		2.01	−10.09	0.89	0.95	0.63	0.96	1.01	0.76	−52	+45	−25	−36	+27	−21	+24	−45	+10	−52	0	0.61
35647	H	07 21 21.87	+34 01 36.2	8.09		H	110.341 117 10	+34.026 710 89	A	0.42	−4.83	−12.82	2.63	2.09	2.35	3.48	2.80	−22	+17	−7	−1	+20	+1	+23	−24	+28	−37	0	0.92
35648		07 21 22.17	−48 31 37.6	6.83		H	110.342 376 33	−48.527 115 55	A	5.02	−13.20	22.25	1.28	1.15	1.04	1.40	1.29	+1	+20	−5	+5	−3	+21	−3	+10	−11	−17	3	0.52
35649		07 21 22.48	−03 17 18.9	7.20		H	110.343 671 90	−03.288 592 72		2.88	−7.34	0.19	0.86	0.54	0.97	0.92	0.58	−15	+34	−9	−28	+11	+7	+18	−43	+21	−6	0	−0.58
35650		07 21 22.61	−60 15 11.6	9.19		H	110.344 213 76	−60.253 213 89		2.74	−17.57	17.45	0.76	0.91	0.88	0.82	0.95	+3	+8	+20	+0	−10	+4	−13	−24	+13	−15	0	−1.12
35651		07 21 22.76	−12 38 18.1	9.95		H	110.344 847 60	−12.638 355 46		28.98	−133.37	460.12	0.90	0.95	1.57	1.18	1.19	−11	+2	−20	+22	+27	−38	+23	+8	+6	−15	2	−1.48
35652		07 21 23.06	−48 31 58.5	7.95		G	110.346 069 14	−48.532 926 62	B	8.97	−40.29	8.44	40.50	34.62	4.16	22.98	25.12	+1	+17	−5	−7	−4	+19	−3	−5	−3	−20	3	0.52
35653		07 21 23.15	−45 30 12.6	8.41		H	110.346 444 89	−45.503 486 26		3.06	2.73	4.27	0.56	0.58	0.66	0.71	0.76	−4	+8	−13	+6	−8	+8	−8	+3	−7	−1	0	0.96
35654		07 21 24.33	+71 08 54.4	9.82		H	110.351 359 55	+71.148 439 72		0.46	4.14	−3.26	0.77	0.95	1.59	0.98	1.30	+17	+2	−8	+11	−18	+23	−15	−13	+23	+32	2	1.14
35655		07 21 27.12	+81 16 25.8	10.29		H	110.363 016 29	+81.273 838 09		2.23	3.55	2.71	0.96	1.01	1.22	1.19	1.22	+15	+19	+2	+35	+7	+13	+12	+10	+11	+25	0	0.46
35656		07 21 27.24	−35 17 43.0	9.43		H	110.363 481 15	−35.295 267 46		15.28	14.73	12.11	0.78	0.87	1.05	0.95	1.13	+15	−5	−4	−14	−24	−4	−25	−13	+4	+15	0	−0.65
35657		07 21 27.49	+11 00 42.7	7.78		H	110.364 532 76	+11.011 849 93		3.72	−20.35	−4.62	0.83	0.46	1.02	0.88	0.57	−14	+40	−1	−23	+2	−31	+5	−37	+16	−28	0	0.75
35658		07 21 27.90	+16 43 19.5	8.57		G	110.366 253 95	+16.722 093 77		0.93	6.97	−14.94	0.99	0.59	1.12	1.09	0.72	−11	+40	−17	−15	−8	−28	−17	−14	−12	+8	0	1.13
35659		07 21 28.45	+27 04 07.7	8.65		G	110.368 526 82	+27.068 798 04		6.25	−54.06	5.35	1.40	0.92	1.45	2.45	1.08	+18	+20	−24	−16	−32	+0	−19	−40	+4	+60	0	−0.60
35660		07 21 28.49	−28 11 28.4	7.00		H	110.368 729 00	−28.191 219 00		4.28	−25.64	9.31	0.42	0.55	0.73	0.49	0.70	+29	−8	−21	+14	−6	+0	−6	−3	−9	+30	0	0.55
35661		07 21 29.18	−79 57 38.0	9.11		H	110.371 597 72	−79.960 551 26		12.49	−26.79	125.04	0.73	0.71	0.79	0.78	0.78	−5	+25	+9	+4	+6	+16	+2	−20	+0	−18	0	0.03
35662		07 21 30.90	+37 39 46.9	6.88		H	110.378 730 33	+37.663 040 93		8.15	0.39	−107.40	0.92	0.57	0.91	1.15	0.54	+8	+32	−17	+24	+0	+5	+5	−21	−7	+29	0	0.10
35663		07 21 31.97	−07 12 14.2	9.54		H	110.383 196 51	−07.203 934 93		4.87	1.52	−9.51	1.31	0.90	1.36	1.52	0.94	+32	+20	−1	−19	−17	+3	−19	−44	+2	+23	0	2.29
35664		07 21 32.82	+26 09 33.3	7.53	2	G	110.386 741 29	+26.159 258 45		4.31	−2.87	−10.90	1.18	0.83	1.25	1.37	0.72	+22	+20	−44	−33	−45	+21	−31	−51	+22	+46	0	−1.04
35665		07 21 32.86	−16 41 14.0	9.74	3	H	110.386 909 76	−16.687 222 09		−1.95	−0.70	0.39	0.93	0.89	1.51	1.27	1.29	−36	+22	−17	+9	+24	−19	+27	+1	−4	+17	0	−0.62
35666	H	07 21 32.88	+25 13 54.6	8.89		H	110.386 991 89	+25.231 842 98	A	4.62	−10.67	−19.70	2.91	2.04	3.03	3.22	1.86	−19	+20	−43	+0	−14	+28	+15	−32	+29	+22	1	0.81
35667		07 21 33.53	+30 52 59.4	11.52	3	H	110.389 712 89	+30.883 179 87		−4.98	−1.24	0.67	2.80	1.77	2.83	3.80	2.07	+9	+28	−14	+26	+10	−13	+10	−7	−2	+23	0	−0.90
35668		07 21 33.94	−30 02 14.6	9.07		G	110.391 412 46	−30.037 388 81		6.56	0.30	3.33	0.67	0.94	1.10	0.80	1.29	+11	+7	+1	+32	+10	+17	+11	+25	+7	+5	0	−1.99
35669		07 21 34.63	−05 53 49.9	6.60	2	H	110.394 301 65	−05.897 194 00		2.07	−1.76	3.10	0.75	0.47	0.86	0.74	0.50	+0	+48	−16	−20	+0	−17	+2	−33	+6	+18	0	−0.09
35670		07 21 35.75	−49 24 18.7	8.19		H	110.398 969 15	−49.405 187 39		9.21	−5.91	51.58	0.64	0.62	0.70	0.74	0.79	−9	+15	+10	+8	−7	+1	−10	−5	+0	−28	1	−0.85
35671		07 21 36.25	−79 09 52.9	7.57		H	110.401 046 96	−79.164 702 48		3.72	−42.54	111.67	0.54	0.54	0.59	0.57	0.59	−13	+6	+15	+2	−2	+16	−7	−15	−4	−27	0	0.98
35672		07 21 38.73	+76 58 01.8	10.69		H	110.411 358 63	+76.967 167 58		1.14	−25.23	−10.86	1.04	1.23	1.58	1.22	1.58	+13	+16	−2	+17	+3	+11	+4	+6	+2	+19	3	0.99
35673		07 21 39.00	+21 18 28.0	9.13		H	110.412 501 73	+21.307 764 77		3.74	−1.08	−2.68	1.30	0.96	1.49	1.61	1.20	−16	+16	−9	−7	−1	−34	−5	−9	+4	−30	0	−0.25
35674		07 21 39.57	+03 22 03.4	8.67		H	110.414 894 18	+03.367 602 90		3.02	−11.19	−4.67	1.00	0.58	1.07	0.96	0.61	+11	+39	−23	−50	−14	−27	−16	−46	+11	+7	2	1.03
35675		07 21 39.64	−11 50 01.4	9.04		H	110.415 161 06	−11.833 717 40		2.42	−5.56	−2.48	0.97	0.86	1.36	1.07	1.01	+7	+8	−18	−35	+7	−37	−3	−15	−27	+32	0	−1.94
35676		07 21 41.12	−61 57 05.3	6.92		H	110.421 323 93	−61.951 481 86		6.51	−22.41	28.98	0.52	0.49	0.53	0.58	0.52	−5	−5	+20	+16	−11	−3	−12	+4	+9	−16	0	0.73
35677		07 21 41.46	−23 48 05.1	10.73		H	110.422 747 69	−23.801 418 06		−1.45	0.81	5.44	1.33	1.58	2.23	1.52	1.99	+2	+21	−20	−3	+0	−10	−5	+9	−17	+2	0	0.50
35678		07 21 42.63	−26 58 03.8	8.92		H	110.427 644 59	−26.967 729 15		2.28	−3.56	−1.98	0.64	0.86	1.16	0.82	1.20	+13	+10	−29	+32	+6	+4	+11	+8	−1	+32	0	0.65
35679	H	07 21 43.70	−35 26 13.4	8.11		H	110.432 091 29	−35.437 054 04	*	2.39	−2.23	15.75	1.45	1.54	0.95	0.79	1.05	+10	−1	+2	−6	−10	+10	−8	−20	−3	−4	2	−0.73
35680		07 21 43.96	+53 18 18.7	9.67		H	110.433 168 34	+53.305 205 94		−0.29	−8.01	−23.77	1.37	0.97	1.53	1.61	1.27	−8	+23	−22	−21	−11	−18	−16	−42	+23	−7	0	0.26
35681		07 21 44.12	+69 40 14.7	8.52	2	H	110.433 817 33	+69.670 760 44		0.59	−0.02	−3.62	0.46	0.67	1.07	0.54	0.85	+16	+10	−4	+37	−8	+3	−6	−8	+5	+22	0	−0.76
35682		07 21 46.67	+51 02 53.6	8.82		H	110.444 445 22	+51.048 218 73		1.99	4.64	−5.93	1.08	0.81	1.14	1.49	1.00	−23	+15	+10	−43	+18	+14	+15	−60	−21	−19	0	−0.48
35683		07 21 47.43	−48 19 44.3	8.43		H	110.447 625 65	−48.328 961 08		2.52	−6.57	6.84	0.64	0.61	0.72	0.77	0.74	+1	+5	+4	−3	−3	+20	−3	+9	−8	−13	3	−1.13
*35684		07 21 47.68	+46 13 31.2	8.03		H	110.448 667 66	+46.225 327 40		4.80	1.82	−4.24	0.90	0.64	1.10	1.08	0.75	−29	+40	−24	−9	−9	−7	+1	−32	+16	−4	0	0.84
*35685		07 21 47.65	+60 55 40.9	8.44		H	110.448 537 07	+60.928 032 66		4.99	−10.90	−29.11	0.75	0.59	1.02	0.83	0.71	+9	+27	+13	+14	+13	+9	+9	−21	−7	−1	2	−0.06
35686		07 21 47.77	+49 46 54.5	8.84		H	110.449 049 48	+49.781 802 92		4.37	8.77	−19.66	1.18	0.98	1.35	1.37	1.02	−49	+30	−21	−28	+14	+9	+20	−53	−3	−35	2	0.30
35687		07 21 48.50	+34 54 07.3	8.58		G	110.452 091 50	+34.902 026 40		4.50	−14.24	−1.60	1.36	1.00	1.64	2.24	1.05	−18	+13	−54	+43	−29	+28	+9	−21	+36	+39	0	0.56
35688		07 21 50.03	+36 04 21.4	8.74		H	110.458 475 13	+36.072 617 11		0.25	−0.33	3.80	1.29	0.82	1.34	1.44	0.92	+6	+40	−24	+7	−17	+6	−8	−12	+14	+18	0	0.12
35689		07 21 50.08	−47 58 54.2	10.75		G	110.458 656 46	−47.981 710 36		1.06	6.43	−4.15	1.17	1.24	1.39	1.29	1.59	+4	−7	−8	−11	−4	+13	−1	+7	−10	−9	1	−0.57
35690		07 21 50.74	+75 05 22.7	6.96	1	H	110.461 429 55	+75.089 630 38		7.06	−34.03	−45.49	0.43	0.50	0.66	0.47	0.59	+16	+19	−7	+15	+3	+11	+6	+12	+10	+31	2	0.49
35691		07 21 51.31	−34 34 19.2	8.41		H	110.463 775 05	−34.572 004 55		10.78	−18.55	32.93	0.60	0.76	0.86	0.66	0.89	+2	+3	−4	+7	−13	−1	−13	+11	−1	−4	0	2.21
35692		07 21 51.44	−55 46 15.9	7.94		G	110.464 344 17	−55.771 085 29		3.29	−6.20	−3.00	0.60	0.56	0.64	0.68	0.64	−8	+23	+17	+25	−8	+22	−17	+2	−14	−28	0	1.07
35693		07 21 52.46	+19 11 23.6	9.07		H	110.468 564 83	+19.189 897 51		5.67	1.30	−25.54	1.32	0.92	1.45	1.24	0.91	−28	+46	−32	−22	+22	−6	+16	−48	+0	−28	0	0.69
35694		07 21 52.66	−63 53 57.9	9.25		H	110.469 423 96	−63.899 426 92		5.87	−3.96	−13.76	0.80	0.75	0.83	0.97	0.84	+1	+18	+8	−1	−3	−3	−2	−15	+13	−17	0	0.59
35695		07 21 54.49	+01 32 48.0	8.70		H	110.477 061 99	+01.546 657 00		2.59	1.78	−2.23	1.11	0.71	1.22	1.14	0.79	−17	+30	−20	−46	+11	−21	+7	−46	−4	−1	0	0.70
35696		07 21 55.32	−53 54 11.6	8.85		H	110.480 489 04	−53.903 232 11		8.07	−110.98	31.97	0.75	0.66	0.77	0.75	0.87	+2	+29	+7	−23	−6	−1	−6	+13	−10	−10	3	2.18
35697		07 21 55.92	+60 19 33.3	7.57		H	110.482 989 50	+60.325 926 07		15.35	−6.37	−66.89	0.74	0.58	1.15	0.81	0.81	+4	+33	−20	+37	+24	+2	+42	−16	+31	+4	0	−0.42
35698		07 21 56.75	−38 56 12.6	7.73		G	110.486 478 78	−38.936 824 90		7.03	−5.88	28.11	0.52	0.60	0.69	0.53	0.66	+5	+4	+0	+0	−9	+11	−10	−1	+2	+1	1	−0.43
35699		07 21 56.90	+20 26 37.4	5.09	1	H	110.487 080 81	+20.443 716 48		7.61	−62.05	−23.95	0.79	0.51	0.83	0.92	0.50	−3	+34	−15	+19	+9	−11	+9	−17	−8	+19	0	0.47
35700		07 21 57.42	−32 11 28.0	8.85		H	110.489 260 25	−32.191 117 92		0.44	−8.72	4.23	0.58	0.71	0.87	0.69	0.97	+2	+8	−2	+17	+5	+4	+6	+2	−1	+4	0	0.08

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
35601	8.046	0.007	7.553	0.007		0.464	0.009	T	0.53	0.01	L	7.6044	0.0008	0.008	139		7.59	7.62		C	07208+0939	I 1	1 S							S
35602	7.268	0.007	7.236	0.008		0.034	0.010	T	0.05	0.01	L	7.2557	0.0013	0.009	90		7.24	7.27					1							S
35603	6.931	0.005	6.804	0.006		0.115	0.007	T	0.13	0.01	L	6.8320	0.0006	0.007	107		6.82	6.85					1							S
35604	7.666	0.006	7.834	0.009		−0.152	0.008	G	−0.15	0.01	H	7.8226	0.0011	0.011	158		7.81	7.85					1							S
35605	9.068	0.012	7.477	0.006		1.334	0.011	T	1.30	0.01	L	7.4958	0.0011	0.011	151		7.48	7.52		C			1							S
35606	8.250	0.011	8.290	0.013		−0.043	0.015	G	−0.02	0.01	H	8.3068	0.0016	0.014	87		8.28	8.34		C			1							
35607	8.072	0.010	8.026	0.013	*	0.042	0.014	T	0.06	0.01	L *	8.0843	0.0019	0.022	108	*	8.07	8.29		U 2 C	07209−4831	I 1	2 C A	AB	166	7.245	0.005	1.19	0.02	S
35608	8.221	0.009	8.278	0.011		−0.048	0.012	T	−0.03	0.01	L	8.2838	0.0030	0.024	122		8.25	8.33		U			1							
35609	6.401	0.004	6.560	0.005		−0.137	0.006	T	−0.13	0.01	L	6.5468	0.0011	0.011	115		6.53	6.56					1							S
35610	7.418	0.006	7.200	0.006		0.208	0.008	T	0.23	0.01	L	7.2317	0.0012	0.013	134		7.21	7.25			07209−2039	I 1	1							S
35611	5.770	0.002	5.966	0.003		−0.172	0.004	G	−0.18	0.01	H	5.9357	0.0007	0.009	170		5.92	5.95		U	07209−2658	I 1	1 S							S
35612	9.557	0.020	8.043	0.011		1.270	0.015	G	1.23	0.02	H	8.0907	0.0013	0.011	86		8.06	8.11					1							
35613	8.125	0.009	8.084	0.011	*	0.043	0.013	T	0.06	0.01	L *	8.1075	0.0011	0.017	119	*	8.08	8.15		D	07209−5647	I 1	2 C A	AB	106	8.527	0.006	0.94	0.02	S
35614	8.406	0.011	7.278	0.006		0.971	0.010	T	0.96	0.01	L	7.3318	0.0008	0.008	114		7.32	7.34		C			1							S
35615	6.799	0.006	5.689	0.003		0.971	0.004	G	0.88	0.04	E	5.7517	0.0009	0.007	102		5.74	5.76					1							S
35616	10.583	0.063	8.974	0.026		1.348	0.054	T	1.31	0.06	L	8.9552	0.0020	0.015	48		8.93	8.97		C			1 S							
35617	11.610	0.124	8.690	0.019		2.322	0.092	T	2.37	0.09	L	8.4377	0.0162	0.108	61		8.21	8.56		U 2 C			1 S							P
35618	10.804	0.042	9.069	0.017		1.447	0.036	T	1.45	0.06	L	9.0783	0.0017	0.021	110		9.04	9.11					1							
35619	7.800	0.008	7.721	0.011	*	0.078	0.013	T	0.09	0.01	L *	7.7794	0.0012	0.011	129	*	7.76	7.81		D	07210+1012	I 1	2 C A	AB	67	9.003	0.012	2.56	0.04	S
35620	8.326	0.009	8.105	0.010	*	0.211	0.012	T	0.23	0.01	L *	8.1524	0.0009	0.010	101	*	8.14	8.17		D	07210+1305	H 1	2 C S A	AB	231	0.120	0.024	1.40	0.59	S
35621	7.173	0.005	7.288	0.006		−0.103	0.002	G	−0.09	0.00	H	7.2829	0.0013	0.011	112		7.27	7.30					1							S
35622	9.426	0.021	8.145	0.013		1.090	0.019	T	1.05	0.02	L	8.1852	0.0023	0.015	78		8.15	8.21					1							
35623	8.169	0.010	6.489	0.006		1.404	0.009	T	1.38	0.01	L	6.4687	0.0007	0.008	107		6.45	6.48					1							S
35624	9.069	0.017	8.794	0.019		0.262	0.024	T	0.29	0.03	L	8.8293	0.0027	0.018	62		8.80	8.95		U 2			1							
35625	8.479	0.007	8.646	0.010		−0.149	0.002	G	−0.15	0.00	H	8.6437	0.0014	0.020	204		8.61	8.68		C			1							
35626	7.966	0.007	6.075	0.003		1.604	0.006	T	2.28	0.02	O	5.9069	0.0025	0.028	216		5.87	5.95		U 2			1 S							S
35627	9.118	0.013	8.101	0.009		0.887	0.012	T	0.89	0.01	L	8.1343	0.0014	0.014	146		8.10	8.16					1							
35628	9.525	0.013	8.492	0.009		0.888	0.012	T	0.93	0.01	L	8.5276	0.0019	0.024	202		8.49	8.57		U			1							
35629	10.462	0.041	9.017	0.020		1.219	0.036	T	1.18	0.04	L	9.0928	0.0016	0.015	86		9.07	9.13		C			1							
35630	10.476	0.028	9.032	0.014		1.218	0.025	T	1.18	0.03	L	9.0819	0.0019	0.024	173		9.04	9.13					1							
35631	8.291	0.011	8.254	0.014		0.039	0.016	T	0.05	0.01	L	8.3024	0.0014	0.011	91		8.28	8.32					1							
35632	9.353	0.015	9.240	0.019		0.110	0.023	T	0.12	0.02	L	9.2643	0.0030	0.027	141		9.22	9.31					1							
35633	10.675	0.049	9.832	0.038		0.741	0.048	T	0.79	0.03	L	9.9195	0.0020	0.019	86		9.90	9.96		D			1							G
35634	8.510	0.012	8.494	0.015		0.019	0.018	T	0.04	0.02	L	8.5157	0.0017	0.012	86		8.50	8.54					1							
35635	8.796	0.009	8.706	0.011		0.088	0.013	T	0.10	0.01	L	8.7394	0.0016	0.015	136		8.71	8.78		C			1							
35636	8.920	0.014	8.810	0.016		0.107	0.020	T	0.12	0.02	L	8.8347	0.0018	0.020	103		8.80	8.87					1							
35637	9.737	0.034	9.174	0.031		0.350	0.040	G	0.41	0.05	R	9.2433	0.0021	0.016	53		9.21	9.28					1 S							
35638	8.044	0.008	7.982	0.012		0.056	0.013	T	0.07	0.01	L	8.0124	0.0013	0.012	128		7.99	8.04					1							S
35639	8.429	0.015	8.305	0.017		0.120	0.021	T	0.13	0.02	L	8.3344	0.0015	0.010	54		8.31	8.35		C			1							S
35640	8.489	0.015	8.486	0.018		0.010	0.015	G	0.03	0.01	H	8.4853	0.0019	0.022	66		8.46	8.51		D			1							
35641	9.320	0.019	9.290	0.025		0.030	0.015	G	0.05	0.01	H	9.3410	0.0019	0.020	153		9.31	9.37					1							
35642	7.201	0.006	6.620	0.005		0.532	0.007	G	0.61	0.02	A	6.6680	0.0011	0.007	77		6.66	6.68		C			1 G							S
35643	6.143	0.005	5.782	0.004		0.342	0.006	T	0.40	0.01	L	5.8251	0.0011	0.010	91		5.81	5.84		M			1							S
35644	9.821	0.024	8.617	0.015		1.030	0.022	T	1.00	0.02	L	8.6762	0.0012	0.012	116		8.65	8.70		C			1							
35645	7.893	0.007	7.861	0.009		0.029	0.010	T	0.05	0.01	L	7.8823	0.0012	0.015	129		7.86	7.91					1							S
35646	7.791	0.009	7.521	0.007		0.251	0.015	G	0.28	0.02	H	7.5618	0.0013	0.010	91		7.55	7.58					1							S
35647	8.479	0.015	8.413	0.018	A						T *	8.2046	0.0021	0.015	43	*	8.19	8.24		D	07214+3401	I 1	2 C A	AB	324	1.758	0.005	0.79	0.03	S
35648	6.694	0.005	6.774	0.006	A	−0.068	0.007	T	−0.05	0.01	L	6.8100	0.0380	0.045	113	A	6.68	6.86		D	07214−4832	I 2	1 C P A							S
35649	9.230	0.018	7.362	0.008		1.553	0.016	T	1.57	0.02	L	7.3154	0.0017	0.014	87		7.30	7.34					1							S
35650	10.831	0.048	9.319	0.022		1.271	0.042	T	1.23	0.04	L	9.3514	0.0023	0.017	92		9.32	9.39		C			1							
35651	11.285	0.062	10.049	0.032		1.037	0.049	G	1.09	0.06	I	10.0891	0.0027	0.023	120		10.04	10.12		C			1							G
35652	7.898	0.009	7.876	0.012	B	0.012	0.003	G	0.03	0.00	H	7.9663	0.0887			B				D	07214−4832	I 2	1 C I A							S
35653	8.393	0.010	8.411	0.012		−0.012	0.002	G	0.01	0.00	H	8.4165	0.0013	0.013	111		8.39	8.44		C			1							
35654	11.301	0.046	9.867	0.021		1.200	0.020	T	1.35	0.07	L	9.9549	0.0022	0.031	206		9.91	10.01		C			1							
35655	10.633	0.040	10.342	0.046		0.277	0.057	T	0.31	0.07	L	10.3724	0.0031	0.033	140		10.32	10.43					1 S							G
35656	10.394	0.034	9.459	0.023		0.812	0.032	T	0.84	0.02	L	9.5695	0.0020	0.022	142		9.53	9.60		C			1							
35657	9.122	0.013	7.908	0.008		1.038	0.012	T	1.01	0.01	L	7.9424	0.0010	0.009	123		7.93	7.96		C			1							S
35658	10.149	0.030	8.694	0.015		1.210	0.015	G	1.17	0.01	H	8.6963	0.0014	0.014	99		8.66	8.72		C			1							
35659	9.154	0.024	8.733	0.024		0.468	0.015	G	0.54	0.02	H	8.7509	0.0019	0.013	49		8.72	8.78					1							
35660	8.235	0.007	7.105	0.005		0.972	0.007	T	0.96	0.01	L	7.1659	0.0008	0.012	180		7.15	7.19					1							S
35661	9.845	0.020	9.161	0.017		0.632	0.022	T	0.70	0.02	L	9.2415	0.0018	0.017	119		9.21	9.27		C			1							
35662	8.244	0.014	7.017	0.010		1.048	0.013	T	1.02	0.01	L	7.0506	0.0014	0.009	59		7.04	7.08		C			1 S							S
35663	9.980	0.031	9.490	0.030		0.461	0.039	T	0.53	0.04	L	9.6387	0.0031	0.022	77		9.60	9.68					1							G
35664	8.586	0.015	7.685	0.012		0.786	0.015	T	0.82	0.01	L	7.6842	0.0153	0.081	67		7.62	7.86		U 2 C			1							S P
35665	11.045	0.049	9.827	0.027		1.041	0.044	T	1.01	0.04	L	9.9067	0.0268	0.226	146		9.55	10.11	4.26	P 1 A			1 S							G
35666	9.737	0.030	9.215	0.029	A						T *	9.0556	0.0039	0.029	63	−	9.01	9.11		D	07215+2514	I 1	3 C A							G
35667											T	11.6177	0.0514	0.374	45		10.78	11.98	0.40	P 1 A			1							G
35668	9.441	0.014	9.115	0.016		0.310	0.020	G	0.36	0.03	H	9.1462	0.0025	0.025	147		9.09	9.19					1							
35669	6.450	0.005	6.570	0.006		−0.104	0.007	T	−0.09	0.01	L	6.5699	0.0013	0.016	82		6.49	6.58		U 2 C			1							S
35670	9.527	0.017	8.300	0.011		1.048	0.016	T	1.02	0.01	L	8.3593	0.0017	0.014	127		8.33	8.39		C			1							
35671	9.226	0.013	7.723	0.007		1.264	0.012	T	1.22	0.01	L	7.7285	0.0012	0.011	129		7.71	7.75		C	07215−7910	I 1	1							S
35672	11.187	0.046	10.718	0.050		0.442	0.062	T	0.51	0.07	L	10.7903	0.0041	0.045	157		10.72	10.87					1							G
35673	11.073	0.080	9.258	0.027		1.510	0.067	T	1.54	0.10	L	9.2521	0.0029	0.017	54		9.22	9.29		C			1							
35674	8.665	0.012	8.659	0.015		0.010	0.018	T	0.03	0.02	L	8.6825	0.0015	0.011	107		8.66	8.70		C			1							
35675	9.115	0.015	9.041	0.019		0.073	0.023	T	0.08	0.03	L	9.0725	0.0021	0.016	71		9.04	9.10		C			1							
35676	6.803	0.005	6.912	0.005		−0.094	0.006	T	−0.08	0.01	L	6.8942	0.0013	0.009	110		6.88	6.91			07216−6158	I 1	1							S
35677	10.961	0.052	10.779	0.073		0.174	0.084	T	0.19	0.10	L	10.7878	0.0053	0.043	125		10.71	10.86					1 S							G
35678	9.023	0.011	8.937	0.014		0.078	0.016	T	0.09	0.02	L	8.9548	0.0019	0.022	172		8.92	8.99					1							
35679	9.489	0.017	8.251	0.010	*	1.057	0.016	T	1.02	0.01	L *	8.2772	0.0015	0.012	129	*	8.26	8.30		D	07217−3526	H 1	2 C A	AB	340	0.205	0.014	1.43	0.29	
35680	10.229	0.033	9.750	0.035		0.451	0.044	T	0.52	0.05	L	9.7719	0.0027	0.022	82		9.74	9.82		C			1 G							
35681	9.950	0.012	8.600	0.007		1.144	0.011	T	1.11	0.01	L	8.6889	0.0041	0.074	266		8.56	8.76	22.24	P 1 A			1							
35682	11.031	0.054	9.019	0.017		1.667	0.045	T	1.69	0.05	L	9.2265	0.0021	0.020	92		8.90	8.96					1							
35683	8.352	0.009	8.418	0.012		−0.047	0.025	G	−0.03	0.03	H	8.4196	0.0019	0.017	115		8.39	8.45					1							
35684	8.869	0.012	8.104	0.010		0.692	0.015	G	0.75	0.01	H	8.1688	0.0017	0.016	130		8.14	8.20			07219+4614	I 1	1							S
35685	8.762	0.013	8.453	0.014		0.278	0.015	G	0.32	0.02	H	8.5102	0.0012	0.014	83		8.49	8.54		C			1							
35686	10.246	0.041	8.933	0.023		1.115	0.037	T	1.08	0.04	L	9.0042	0.0026	0.021	90		8.97	9.04		C			1							
35687	8.845	0.021	8.617	0.024		0.246	0.015	G	0.28	0.02	H	8.6333	0.0034	0.017	40		8.61	8.67					1							
35688	10.442	0.041	8.914	0.020		1.284	0.036	T	1.24	0.04	L	8.9029	0.0023	0.016	52		8.88	8.92		C			1							
35689	12.018	0.135	10.928	0.080		0.910	0.020	G	0.91	0.01	I	10.9235	0.0030	0.035	114		10.87	10.98		C			1							G
35690	6.993	0.004	6.963	0.006		0.031	0.007	G	0.05	0.01	H	6.9806	0.0014	0.017	157		6.95	7.00	1.80	P 1 A			1							S
35691	9.079	0.014	8.476	0.013		0.561	0.014	T	0.63	0.01	L	8.5328	0.0019	0.021	139		8.50	8.57					1							
35692	7.912	0.009	7.951	0.010		−0.027	0.013	G	−0.01	0.01	H	7.9349	0.0015	0.012	101		7.91	7.95					1							S
35693	9.576	0.025	9.138	0.025		0.413	0.033	T	0.48	0.04	L	9.1647	0.0016	0.015	55		9.14	9.19		D			1							
35694	9.766	0.020	9.285	0.020		0.453	0.026	T	0.52	0.03	L	9.3525	0.0017	0.017	113		9.32	9.38		D			1							
35695	8.731	0.012	8.693	0.015		0.040	0.018	T	0.06	0.01	L	8.7226	0.0016	0.013	79		8.70	8.74		C			1							
35696	9.339	0.016	8.900	0.016		0.428	0.018	T	0.50	0.02	L	8.9457	0.0019	0.016	99		8.92	8.97					1							
35697	8.055	0.007	7.618	0.008		0.413	0.010	T	0.48	0.01	L	7.6669	0.0013	0.009	88		7.65	7.69		C			1 G							S
35698	8.364	0.009	7.779	0.010		0.536	0.015	G	0.61	0.02	H	7.8466	0.0011	0.014	124		7.83	7.87					1							S
35699	7.127	0.008	5.272	0.005		1.528	0.004	G	1.60	0.05	F	5.2102	0.0018	0.013	60		5.19	5.23		U 2	07219+2026	I 1	1							S
35700	8.812	0.012	8.871	0.017		−0.020	0.015	G	0.01	0.01	L	8.8584	0.0018	0.019	155		8.83	8.88		C			1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
35701		07 21 58.44	−23 32 16.9	8.65		H	110.493 480 14	−23.538 028 77		4.95	−2.82	0.56	0.69	0.75	1.04	0.87	0.91	−19	+21	−33	−8	+11	−22	+3	+4	−5	−16	0	1.41
35702		07 21 59.89	+39 57 36.3	7.99		H	110.499 536 25	+39.960 074 67		11.98	6.29	−31.30	1.18	0.74	1.18	1.92	0.77	+14	+29	−26	−17	−32	+26	−15	−54	+9	+53	0	1.16
35703		07 22 00.18	+21 08 18.4	9.53		H	110.500 738 53	+21.138 436 89		5.57	−12.53	−3.34	1.34	1.02	1.52	1.56	1.15	−35	+26	−18	−4	+5	−29	−3	−12	−7	−32	0	−1.73
35704		07 22 00.42	+41 18 40.0	7.56		H	110.501 769 52	+41.311 106 92		6.33	−9.36	−36.02	0.93	0.55	1.09	1.38	0.67	−18	+33	−36	+19	−41	+28	+4	−52	+32	+46	0	−0.35
35705		07 22 01.82	−05 34 14.4	7.42		H	110.507 562 90	−05.570 653 64		3.69	0.38	−10.08	0.74	0.47	0.83	0.84	0.57	+7	+37	−7	−10	−4	−12	−1	−23	+11	+6	0	−0.95
35706		07 22 01.98	+68 16 26.5	10.11		H	110.508 258 21	+68.274 039 51		21.75	41.14	122.83	0.89	1.12	1.91	0.79	1.38	+16	−5	−13	−26	−26	+7	−31	−25	+27	+22	0	0.55
35707		07 22 02.05	−08 58 45.9	6.42		H	110.508 537 09	−08.979 411 88		−0.81	9.39	14.23	0.78	0.57	0.84	0.85	0.60	−18	+2	−15	−39	+21	+7	+26	−47	−1	+25	0	2.12
35708		07 22 02.38	−14 19 05.5	9.58	3	T	110.509 919 40	−14.318 202 41		1.26	−0.99	4.86	0.97	0.91	1.51	1.16	1.08	−4	+18	−33	−1	+19	−26	+14	−14	+13	−1	0	−1.91
*35709		07 22 02.72	−47 01 49.5	8.36		H	110.511 322 19	−47.030 403 31		2.75	0.22	−12.26	0.64	0.62	0.74	0.86	0.78	−6	−4	−5	+1	−4	+19	−3	+11	−9	−2	1	−1.63
*35710		07 22 02.69	+36 45 38.3	5.12		H	110.511 201 75	+36.760 637 82		13.90	−98.60	−22.08	0.95	0.55	0.92	1.05	0.49	+12	+41	−22	+14	−17	+4	−12	−28	−6	+32	0	0.25
35711		07 22 02.81	−37 55 57.5	9.31		H	110.511 715 98	−37.932 647 63		10.98	−36.28	40.54	0.64	0.70	0.84	0.73	0.83	−1	+2	+2	−11	+3	−1	+3	−16	−1	−5	0	−0.88
35712		07 22 03.48	+00 10 37.7	5.99		H	110.514 489 65	+00.177 125 59		0.61	1.92	−2.01	0.69	0.45	0.87	0.77	0.50	+5	+36	−19	−11	−7	−17	−1	−32	+18	+17	0	−1.36
35713		07 22 04.23	+29 50 15.7	8.16		G	110.517 644 90	+29.837 689 38		8.70	47.38	−3.68	1.15	0.73	1.20	1.25	0.72	−20	+44	−30	+29	−15	−6	−12	+9	+1	−2	0	−1.68
35714		07 22 04.74	−45 53 37.0	8.85		H	110.519 755 49	−45.893 624 49		1.88	−2.40	−21.21	0.71	0.67	0.81	0.88	0.92	+1	+17	−9	−4	−3	−6	−7	+1	−16	+1	0	1.81
35715		07 22 07.78	+39 08 39.5	8.12		H	110.532 413 31	+39.144 317 08		6.78	0.11	−34.60	1.43	0.88	1.50	1.35	0.73	−29	+66	−31	−15	+34	−13	+17	−51	−5	−3	0	0.65
35716		07 22 08.27	−32 35 14.4	7.13		H	110.534 445 47	−32.587 329 74		3.11	−7.15	0.01	0.45	0.50	0.62	0.51	0.64	−1	−1	−16	+29	−7	+10	−6	+15	+7	+1	0	−0.44
*35717		07 22 09.94	−24 02 27.3	8.88		H	110.541 414 36	−24.040 928 13		6.52	−10.58	−4.33	0.65	0.82	1.14	0.74	0.96	+16	+3	−30	−7	+4	−10	+3	+10	−11	+5	1	1.62
*35718		07 22 09.91	−01 51 48.1	8.73		G	110.541 299 22	−01.863 347 62		22.06	−369.14	256.15	0.97	0.72	1.14	1.07	0.77	+1	+22	+5	−17	−16	−15	−16	−24	+0	−16	0	1.24
*35719		07 22 09.88	−54 25 40.3	8.78		H	110.541 173 81	−54.427 856 61		1.55	−8.17	9.12	0.74	0.71	0.81	0.90	0.96	+2	+14	+5	−3	−10	+19	−13	+7	−21	−11	0	0.96
*35720		07 22 10.28	+16 44 41.2	8.14		G	110.542 825 02	+16.744 773 67		0.60	−1.14	−2.53	0.89	0.46	1.01	0.86	0.56	−22	+55	−24	−18	−6	−24	−13	−17	−8	+10	0	0.78
*35721		07 22 10.23	+30 16 47.3	8.41		H	110.542 638 76	+30.279 809 21		−0.72	0.48	−10.74	1.34	0.88	1.49	1.55	0.88	−30	+49	−36	+24	−28	+22	−7	−12	+12	+2	0	1.13
35722	H	07 22 10.62	−24 11 55.1	8.83		G	110.544 233 10	−24.198 646 06	A	0.87	−4.49	−1.33	1.52	2.27	2.78	1.63	2.36	+35	−12	−34	−12	+4	−7	+0	−14	−20	+28	2	1.66
35723		07 22 10.66	+43 26 04.7	9.05		H	110.544 418 69	+43.434 632 88		8.29	−40.93	−49.31	1.32	0.82	1.39	1.63	1.11	−34	+40	−8	+11	+19	−13	+29	−40	+6	−14	0	0.29
35724		07 22 11.78	+02 08 34.7	8.22		H	110.549 102 70	+02.142 982 08		4.39	−2.26	−9.27	0.97	0.64	1.08	1.17	0.74	+28	+8	−29	−23	−16	−10	−18	−40	+12	+32	0	−0.29
35725		07 22 13.41	+38 59 45.7	6.40		H	110.555 871 70	+38.996 034 66		6.12	0.92	−37.35	1.00	0.66	1.02	1.22	0.59	+3	+40	−10	+17	+33	−4	+15	−33	−24	+16	0	−0.33
*35726		07 22 13.63	+50 08 52.1	7.72		H	110.556 804 66	+50.147 800 92	B	−2.47	−26.88	−28.22	8.10	6.62	5.32	6.27	4.48	−23	+17	−8	−46	−5	+9	−2	−60	−13	−8	19	3.08
*35727		07 22 13.53	−19 00 59.7	4.94		H	110.556 375 15	−19.016 584 44		6.31	−1.66	−6.43	0.46	0.48	0.69	0.56	0.62	−29	+24	−13	−6	+9	−15	+6	−18	+2	−35	1	−0.61
35728		07 22 13.88	−51 29 14.3	9.46		H	110.557 831 05	−51.487 308 45		6.00	−11.96	31.79	0.87	0.92	1.01	1.11	1.29	−1	+17	−2	−18	+2	−21	+4	−12	+9	−24	1	−0.91
35729		07 22 14.04	+51 16 43.2	9.11		H	110.558 520 28	+51.278 670 34		3.63	−2.97	−5.79	1.13	0.82	1.26	1.47	0.91	−14	+33	−5	−10	−3	+9	−2	−44	−13	−1	0	−1.04
35730		07 22 15.05	+13 59 12.2	8.23		H	110.562 688 38	+13.986 721 53		5.24	−12.32	−7.38	0.95	0.67	1.04	1.04	0.87	−34	+20	+5	−27	+18	+1	+10	−41	−25	−42	0	2.93
35731		07 22 15.13	+50 08 56.0	7.49		H	110.563 036 65	+50.148 898 78	A	−4.39	−24.75	−31.89	8.79	7.22	5.56	6.65	5.06	−34	+29	−9	−27	−9	+7	−9	−43	−14	−14	19	3.08
35732		07 22 15.80	+29 32 51.7	8.90		H	110.565 853 09	+29.547 707 55		7.78	−1.17	−2.91	1.19	0.81	1.27	1.28	0.82	−9	+35	−19	+9	−21	−8	−18	−3	+5	−7	0	0.06
35733	H	07 22 16.41	−35 54 59.3	6.68		H	110.568 360 86	−35.916 473 77	A	17.58	−45.60	96.66	0.90	0.98	0.99	0.80	0.99	+3	−2	+6	−1	+2	+17	−3	−23	−1	−14	9	1.52
35734		07 22 17.07	−38 52 50.5	8.55		H	110.571 109 81	−38.880 707 61		11.81	29.99	−129.59	0.63	0.69	0.82	0.63	0.76	+6	+8	+9	+0	−14	−1	−15	+1	+2	+2	4	1.47
35735	H	07 22 17.19	+59 54 07.1	6.36		G	110.571 610 24	+59.901 958 61	A	14.23	−1.72	15.40	0.67	0.58	0.85	0.68	0.57	−8	+1	+6	+43	+7	−2	+13	−7	+0	−17	1	−0.52
35736		07 22 17.30	+04 40 19.4	8.26		H	110.572 071 21	+04.672 048 15		4.01	−4.54	−11.62	0.92	0.55	1.06	1.00	0.71	−8	+32	−18	−12	−11	−25	−15	−17	+16	−30	0	−0.07
35737		07 22 18.59	−02 58 45.0	6.23		G	110.577 465 20	−02.979 159 85		5.52	−0.72	−6.33	0.81	0.50	0.94	0.98	0.75	−10	+46	−20	−35	−2	−23	+4	−47	+19	+5	0	−0.25
35738		07 22 18.64	−58 44 07.2	9.12		H	110.577 674 46	−58.735 338 75		2.53	5.01	−1.93	0.78	0.95	0.91	0.95	1.14	+7	+5	+13	−10	−4	+1	−4	−12	+10	−12	2	−1.51
35739		07 22 18.97	−39 15 11.5	8.83		H	110.579 028 26	−39.253 202 41		26.74	−143.23	−49.45	0.71	0.79	0.92	0.80	0.83	+1	+4	+13	+21	−15	+14	−20	−18	+1	−7	0	0.80
35740		07 22 19.63	−16 18 40.8	6.98		H	110.581 810 16	−16.311 339 16		4.50	4.17	16.64	0.55	0.54	0.89	0.69	0.69	−23	+31	−21	+16	+29	−7	+35	−2	+4	+28	3	−2.57
35741		07 22 20.56	−17 48 44.2	7.89		H	110.585 681 75	−17.812 275 90		11.71	−23.98	−28.27	0.73	0.70	0.98	0.85	0.85	−32	+4	−5	−17	+32	−6	+33	−26	−9	−20	0	0.44
35742		07 22 20.94	+45 40 12.2	8.87		H	110.587 263 64	+45.670 062 26		4.46	−9.59	−8.56	1.24	0.79	1.37	1.65	0.99	−9	+12	−15	−13	−29	+8	−21	−32	+22	+7	0	−0.46
*35743		07 22 21.35	−55 10 38.3	9.46		H	110.588 957 17	−55.177 295 24		5.75	−9.59	0.11	0.86	0.83	0.94	1.13	1.07	−1	+5	+13	+6	−2	+16	−5	+1	−22	−23	0	0.03
*35744		07 22 21.35	+70 01 59.2	9.05	1	H	110.588 956 58	+70.033 097 83		3.83	11.20	−45.87	0.51	0.79	1.39	0.60	1.03	+22	+11	−6	+15	−9	+11	−6	−20	+18	+26	0	−1.03
35745		07 22 21.69	−11 59 45.7	8.77	2	H	110.590 390 07	−11.996 016 14		2.82	−5.94	−2.65	0.75	0.71	1.24	0.82	0.75	−25	+16	−15	−8	+27	−29	+24	−19	−6	−10	0	−1.46
35746		07 22 23.09	−20 30 24.0	6.96	2	H	110.596 227 98	−20.506 671 55		4.05	−5.52	3.11	0.52	0.57	0.84	0.66	0.74	−18	+20	−8	+3	+0	−18	−3	−10	+2	−29	0	−1.57
35747		07 22 23.58	−24 54 14.1	7.02		H	110.598 262 40	−24.903 907 82		4.64	6.00	4.83	0.45	0.62	0.93	0.57	0.69	+20	−2	−38	−33	+11	−8	+8	−20	+11	+13	0	−0.02
35748		07 22 25.14	+33 13 28.0	8.07		G	110.604 758 75	+33.224 440 26		3.67	−3.17	−1.65	1.05	0.73	1.11	1.37	0.93	+9	+29	−4	+11	−4	+17	−4	−14	+0	+6	0	0.40
35749		07 22 25.40	−05 58 58.1	5.83		H	110.605 820 57	−05.982 808 07		3.59	−12.53	−8.44	0.66	0.44	0.76	0.73	0.48	+1	+33	−13	−8	−4	−11	+0	−34	+22	−8	0	−0.61
35750		07 22 26.61	+08 54 10.0	9.37		G	110.610 856 05	+08.902 775 07		22.40	184.88	−315.51	1.40	0.71	1.61	1.51	0.94	+7	+48	+9	−45	−2	−34	+0	−54	+1	−6	0	−0.42
35751		07 22 28.30	+00 42 03.4	6.43		H	110.617 903 66	+00.700 952 28		14.51	38.32	−49.85	0.72	0.50	0.87	0.76	0.50	−4	+22	−23	−35	−7	−14	−6	−48	+11	+7	0	0.21
35752		07 22 28.52	−23 01 32.2	9.46		H	110.618 850 88	−23.025 609 48		−0.05	−5.09	3.96	0.91	1.12	1.37	1.42	1.36	−17	+15	−32	−16	+3	−1	+2	−18	−6	−17	3	−0.23
35753	H	07 22 28.61	−67 17 50.5	8.88		H	110.619 214 35	−67.297 351 12	A	2.64	−2.78	5.41	1.11	1.13	1.07	0.93	1.23	−9	+16	+5	−48	+4	−17	+8	−6	+15	−22	2	1.21
35754		07 22 30.86	−00 15 33.6	6.78		H	110.628 573 54	−00.259 331 44		5.38	−21.97	−7.03	0.75	0.47	0.90	0.77	0.51	+11	+45	−6	−28	−15	−29	−11	−35	+7	+14	2	−0.53
35755		07 22 31.05	+35 53 59.1	11.57		H	110.629 364 77	+35.899 762 76		26.54	14.06	−139.95	2.94	2.00	3.17	3.62	2.05	+6	+35	−31	+3	−25	+19	−9	−25	+16	+28	0	−0.27
35756		07 22 31.36	+08 49 15.4	10.39		G	110.630 679 22	+08.820 935 81		5.87	152.33	−269.28	1.83	0.96	2.10	2.03	1.28	+8	+47	+7	−43	−3	−34	−1	−51	+4	−7	0	−0.95
35757		07 22 32.57	−39 07 02.5	8.87		H	110.635 687 71	−39.117 368 69		3.62	8.41	9.35	0.73	0.75	0.95	0.82	0.80	−4	+9	−2	+9	−10	+20	−10	−10	+10	−7	0	0.13
35758		07 22 33.11	+11 50 15.7	9.12		H	110.637 944 65	+11.837 683 71		3.13	−14.04	−9.46	1.11	0.69	1.28	1.12	0.77	−38	+48	−25	−18	−1	−33	−5	−19	+12	−34	2	−0.13
35759		07 22 33.86	+29 49 28.5	7.69		H	110.641 082 68	+29.824 583 19		4.75	−1.55	−95.06	1.01	0.68	1.09	1.07	0.65	−14	+41	−31	+16	−5	−8	−9	−4	−9	+3	0	−0.12
35760	H	07 22 35.48	+13 56 20.0	8.00		G	110.647 847 05	+13.938 901 44	A	0.84	6.99	−28.93	1.71	1.05	1.62	1.64	1.21	−34	+33	−17	−27	+17	−3	+13	−33	−2	−45	2	0.03
35761		07 22 35.66	−32 02 45.7	6.82		G	110.648 568 24	−32.046 024 90		1.80	−9.10	4.17	0.41	0.49	0.60	0.48	0.64	+8	+6	−9	+24	+6	+7	+7	+10	+4	+9	0	−0.38
*35762		07 22 35.84	+62 51 57.7	7.30	1	H	110.649 345 93	+62.866 015 17		3.69	−10.91	−14.49	0.60	0.46	0.86	0.80	0.77	+24	+8	+8	+29	+17	+10	+8	−11	+16	−6	1	−0.77
*35763		07 22 35.78	−27 08 15.6	8.11		H	110.649 072 12	−27.137 663 68		3.50	−6.12	4.67	0.56	0.74	1.03	0.71	0.99	+20	+8	−30	+12	−2	+4	+1	−12	−2	+31	1	0.69
35764		07 22 36.30	−37 02 56.1	8.75		H	110.651 252 63	−37.048 929 09		5.76	2.14	−13.10	0.65	0.70	0.86	0.72	0.82	−13	−3	+6	−4	+13	+17	+13	−13	+3	−16	0	−0.53
35765	H	07 22 37.37	+01 14 27.2	9.24		H	110.655 703 71	+01.240 879 54	A	−0.10	−6.26	−3.42	1.96	1.32	1.97	1.83	1.23	−37	+36	−18	−41	+19	−11	+16	−45	+1	−20	1	0.33
35766		07 22 38.04	+52 50 18.6	7.74		H	110.658 496 03	+52.838 489 88		3.53	−27.07	−65.25	0.79	0.70	1.00	1.11	0.68	−19	+17	−35	+3	−29	+24	−11	−37	+12	+3	0	0.37
35767		07 22 38.83	−44 37 04.2	7.72		G	110.661 803 16	−44.617 824 23		1.79	−6.26	5.55	0.51	0.50	0.59	0.52	0.64	−3	+2	−3	+4	−3	+10	−3	+14	−6	−10	0	0.91
35768		07 22 40.72	−55 34 08.7	8.79		H	110.669 685 63	−55.569 085 12		1.24	−5.41	17.83	0.75	0.70	0.81	0.90	0.86	−4	+19	+16	+16	−3	+13	−12	−3	−23	−31	0	0.08
35769		07 22 43.32	−26 00 40.9	7.15	2	G	110.680 487 15	−26.011 351 20		0.96	−2.28	2.50	0.41	0.64	0.91	0.47	0.85	+34	−8	−29	+39	+8	+5	+14	+6	−12	+42	0	2.78
35770		07 22 44.26	+42 39 53.1	7.71		H	110.684 398 63	+42.664 755 07		9.59	−6.21	12.13	1.06	0.64	1.30	1.69	0.78	−40	+44	−39	+23	−34	+51	+18	−53	+31	+35	0	−0.23
35771		07 22 44.60	+77 53 46.6	7.76		H	110.685 837 66	+77.896 268 01		7.30	−29.81	−5.33	0.49	0.59	0.71	0.50	0.71	+10	+19	+5	+3	−3	−4	−2	+9	+9	+11	0	−0.18
35772	H	07 22 44.97	+14 17 15.9	8.30		G	110.687 370 64	+14.287 738 33	*	1.68	−4.67	−4.59	0.98	0.64	1.12	1.08	0.83	−24	+30	+5	−21	+11	−11	+4	−39	−24	−21	0	−0.54
35773		07 22 45.18	−25 10 17.8	8.73		H	110.688 237 85	−25.171 622 27		1.37	−1.32	5.03	0.45	0.83	1.21	0.52	0.97	+26	+0	−32	+4	+5	−1	+5	−26	−6	+28	0	1.24
35774		07 22 45.41	+24 04 00.3	9.93		H	110.689 204 18	+24.066 737 38		2.59	−3.53	−10.03	1.47	0.98	1.63	1.43	0.94	−8	+42	−27	−20	−10	−23	−20	−17	−11	−1	0	0.95
35775		07 22 48.17	−09 37 54.3	7.37		H	110.700 728 79	−09.631 747 05		13.62	−37.75	−87.16	0.96	0.67	1.03	1.44	1.00	+2	−15	−18	−56	−8	+9	−12	−47	−3	+60	0	1.06
35776		07 22 48.34	+07 29 40.1	8.15	2	H	110.701 433 55	+07.494 470 65		3.90	29.00	−32.45	1.51	0.90	1.70	1.63	1.06	+7	+13	−8	−36	−8	−8	−10	−45	+7	+0	3	
35777		07 22 48.51	+09 50 44.7	7.97		H	110.702 113 16	+09.845 760 62		1.78	−0.06	−2.43	0.90	0.49	1.01	1.06	0.63	−6	+16	−11	−45	−4	−17	−6	−48	+7	+2	0	1.06
*35778		07 22 48.83	−16 43 34.6	7.34		H	110.703 458 24	−16.726 278 62		7.11	−18.94	13.67	0.56	0.57	0.94	0.73	0.74	−19	+18	−27	+1	+16	−13	+17	−5	+7	+23	0	−2.88
*35779		07 22 48.81	−52 31 09.2	7.56		H	110.703 388 11	−52.519 229 37		5.75	−19.55	−9.44	0.58	0.58	0.64	0.64	0.78	−7	+20	+0	−1	−13	−10	−12	+3	+13	−20	3	1.19
35780		07 22 49.25	+47 43 06.0	8.76		H	110.705 216 04	+47.718 333 48		2.71	−4.30	−5.27	0.95	0.86	1.37	1.40	0.97	−9	+12	−44	−16	−25	+29	−3	−51	+27	+29	0	0.70
35781		07 22 49.31	−66 32 20.0	8.01		H	110.705 443 03	−66.538 888 33		2.71	−5.95	13.32	0.54	0.59	0.63	0.45	0.67	−11	+15	+2	−48	−4	−21	+2	−14	+27	−35	1	2.14
35782		07 22 49.61	+75 59 20.5	9.20		H	110.706 708 06	+75.989 016 51		−0.49	9.36	4.86	0.81	0.89	1.23	0.92	0.96	+25	+28	+10	+3	−14	+10	−9	−9	+13	+27	0	0.92
35783		07 22 50.85	+55 17 03.8	6.86		H	110.711 887 04	+55.284 393 08	B	8.94	−13.47	−30.22	12.21	10.28	6.46	8.84	6.17	−9	+14	−26	−18	−27	+24	−12	−43	+13	+23	19	2.28
*35784		07 22 52.07	+11 54 17.6	8.93		H	110.716 965 40	+11.904 896 95		−0.87	−1.65	−2.73	1.20	0.74	1.33	1.28	0.91	−39	+48	−19	−21	+11	−26	+10	−33	+15	−45	2	−0.57
*35785		07 22 52.06	+55 16 53.3	5.80		H	110.716 927 03	+55.281 469 55	A	6.96	−11.23	−32.04	2.13	1.72	1.94	2.31	1.59	−4	+15	−22	−34	−27	+18	−16	−55	+8	+19	19	2.28
35786		07 22 52.71	−67 21 56.1	8.10		H	110.719 624 28	−67.365 572 47		3.84	−2.22	17.29	0.57	0.59	0.65	0.59	0.68	−4	+18	+3	−25	−7	−25	−1	−6	+21	−23	1	−0.39
*35787		07 22 53.87	+55 20 27.5	7.57		H	110.724 470 80	+55.340 973 94		6.61	−5.34	−32.31	0.78	0.59	0.90	0.95	0.64	−10	+37	−15	−21	−10	−4	−5	−40	+1	+12	5	1.54
*35788		07 22 53.78	+06 22 23.3	8.09		H	110.724 100 61	+06.373 149 10		8.35	−9.65	3.33	1.00	0.49	1.08	0.99	0.61	+19	+49	−9	−40	−19	−16	−14	−49	+11	+17	0	1.12
35789		07 22 55.14	−64 37 56.3	9.07		H	110.729 745 70	−64.632 310 11		9.01	16.99	−83.11	0.69	0.75	0.74	0.75	0.80	−4	−5	+4	+10	−16	+4	−21	−26	+19	−17	0	−0.24
35790		07 22 57.03	−55 34 38.8	6.89		H	110.737 639 74	−55.577 437 88		11.86	−80.43	111.39	0.53	0.48	0.55	0.62	0.57	−6	+18	+15	+20	−11	+17	−18	+5	−14	−27	0	0.36
35791		07 22 57.99	−29 45 02.8	7.63		H	110.741 645 13	−29.750 789 82		0.83	−1.50	5.28	0.51	0.63	0.79	0.59	0.87	+18	+5	−1	+28	+3	+16	+2	+12	+5	+15	0	−0.48
35792		07 22 58.18	−03 53 31.8	7.40		H	110.742 427 84	−03.892 160 28		7.16	−26.20	−45.52	0.99	0.60	1.08	1.03	0.60	+18	+23	−2	−39	−20	−3	−13	−46	+25	+10	7	0.39
35793		07 22 58.33	−25 46 03.2	8.08	3	H	110.743 021 21	−25.767 550 10		1.78	9.84	0.75	1.34	2.75	3.54	1.49	3.25	+18	+1	+0	−5	−12	+17	+8	−49	−6	+14	0	−0.45
35794		07 22 59.85	−74 06 55.3	9.56		G	110.749 386 56	−74.115 362 40		9.76	61.33	169.10	0.84	0.75	0.84	0.95	0.86	+0	+13	+8	−8	−5	+8	−3	+1	+4	−18	0	0.34
35795		07 23 00.70	−31 55 25.6	5.40	1	H	110.752 929 01	−31.923 790 21		2.28	−8.54	3.73	0.34	0.42	0.52	0.39	0.55	+8	+5	−13	+11	+5	+8	+6	+6	−1	+7	0	0.63
35796		07 23 01.39	+15 21 32.1	6.66		H	110.755 798 24	+15.358 929 61		0.49	−4.94	6.61	0.94	0.53	1.01	1.38	0.71	−18	+67	−31	−39	−5	−30	−13	−45	−1	+13	0	2.94
35797		07 23 02.56	+44 59 43.5	9.06		H	110.760 665 27	+44.995 412 10	A	12.76	−70.99	−19.99	3.72	2.44	3.12	4.24	2.73	−34	+46	−21	+21	−1	+24	+17	−29	+14	−7	1	1.89
35798		07 23 02.79	−25 31 17.0	9.26		H	110.761 616 12	−25.521 391 83		4.64	−3.78	2.30	0.58	1.06	1.57	0.63	1.39	+21	−1	−28	+32	+0	+3	+0	−5	−11	+22	0	1.65
35799		07 23 03.43	+45 00 00.8	11.27		H	110.764 298 00	+45.000 233 07	B	34.66	−33.85	2.86	56.27	39.26	22.11	67.68	51.42	−35	+37	−16	+29	+0	+28	+20	−31	+14	−4	1	1.89
*35800	H	07 23 03.76	−25 31 53.2	9.19		G	110.765 684 31	−25.531 444 84	*	2.30	−1.97	2.92	2.53	4.52	1.65	0.72	1.52	+22	+6	−13	+32	−4	+9	−5	−11	−3	+19	3	0.85

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
35701	8.693	0.011	8.671	0.015		0.020	0.016	T	0.04	0.01	L	8.6607	0.0019	0.017	115		8.64	8.69		C			1							
35702	9.146	0.018	8.098	0.013		0.910	0.017	T	0.91	0.01	L	8.1447	0.0016	0.014	73		8.12	8.17					1							S
35703	9.992	0.035	9.479	0.034		0.482	0.044	T	0.55	0.05	L	9.6424	0.0032	0.020	58		9.60	9.67					1							
35704	8.730	0.012	7.670	0.008		0.919	0.011	T	0.92	0.01	L	7.7216	0.0011	0.008	102		7.71	7.74					1							S
35705	7.403	0.008	7.405	0.008		0.003	0.010	T	0.02	0.01	L	7.4256	0.0011	0.008	85		7.41	7.44		C			1							S
35706	11.533	0.068	10.215	0.033		1.140	0.015	G	1.23	0.02	I	10.2402	0.0030	0.035	191		10.18	10.29		C			1							G
35707	6.165	0.004	6.383	0.006		−0.189	0.006	T	−0.20	0.01	L	6.3542	0.0008	0.007	84		6.34	6.37		C			1							S
35708	10.633	0.044	9.672	0.030		0.845	0.040	T	0.86	0.03	L	9.6546	0.0303	0.261	97		9.43	10.07	6.99	P 1 A			1							G
35709	9.508	0.018	8.497	0.013		0.882	0.017	T	0.89	0.01	L	8.5224	0.0020	0.015	106		8.50	8.55					1							
35710	6.524	0.005	5.254	0.003		1.082	0.005	T	1.04	0.00	L	5.2850	0.0008	0.005	58		5.28	5.29		C	07220+3646	I 1	1							S
35711	9.957	0.021	9.383	0.020		0.540	0.021	T	0.61	0.02	L	9.4303	0.0021	0.016	131		9.41	9.46		C			1							
35712	5.886	0.004	5.967	0.004		−0.069	0.005	T	−0.05	0.01	L	5.9709	0.0004	0.004	81		5.96	5.98					1							S
35713	8.663	0.014	8.179	0.013		0.458	0.015	G	0.53	0.02	H	8.2591	0.0017	0.011	68		8.23	8.28					1							S
35714	10.257	0.029	8.961	0.016		1.102	0.026	T	1.06	0.03	L	9.0173	0.0022	0.014	107		8.99	9.04					1							
35715	8.389	0.013	8.147	0.014		0.200	0.015	G	0.22	0.02	H	8.1818	0.0015	0.011	49		8.16	8.20		C			1							S
35716	7.058	0.005	7.104	0.005		−0.051	0.002	G	−0.03	0.00	H	7.1172	0.0010	0.010	148		7.10	7.14					1							S
35717	9.190	0.015	8.914	0.017		0.310	0.015	G	0.36	0.02	H	8.9525	0.0018	0.021	148		8.92	8.99		C			1							
35718	9.676	0.023	8.842	0.019		0.774	0.009	G	0.82	0.01	H	8.8756	0.0019	0.015	79		8.85	8.91					1							
35719	8.796	0.012	8.795	0.015		0.006	0.018	T	0.03	0.02	L	8.7910	0.0024	0.020	98		8.76	8.83					1							
35720	8.030	0.007	8.105	0.009		−0.091	0.003	G	−0.07	0.00	H	8.1146	0.0008	0.009	116		8.10	8.13		C			1							S
35721	9.500	0.027	8.529	0.019		0.853	0.025	T	0.87	0.02	L	8.5677	0.0014	0.013	60		8.55	8.59		D			1							
35722	8.978	0.016	8.730	0.019	*	0.190	0.020	G	0.21	0.02	H	* 8.8852	0.0022	0.023	168	*	8.85	8.92		D	07222−2412	M 1	2 C A	AB	197	5.479	0.005	0.49	0.02	
35723	9.628	0.021	9.064	0.020		0.528	0.026	T	0.60	0.03	L	9.1618	0.0023	0.021	100		9.11	9.20					1							
35724	8.260	0.010	8.206	0.012		0.055	0.015	T	0.07	0.01	L	8.2392	0.0013	0.012	85		8.22	8.27		C			1							S
35725	7.989	0.011	6.538	0.006		1.217	0.005	G	1.18	0.01	H	6.5639	0.0010	0.008	54		6.55	6.58		C			1							S
35726	7.984	0.012	7.672	0.012	B	0.172	0.004	G	0.19	0.00	H	7.7470	0.0346			B				D	07222+5009	I 2	1 C I A							S
35727	4.891	0.002	4.952	0.002		−0.039	0.024	G	0.01	0.02	A	4.9465	0.0004	0.005	141		4.94	4.96					1							S
35728	10.278	0.029	9.556	0.024		0.649	0.028	T	0.71	0.03	L	9.5935	0.0026	0.024	113		9.55	9.63					1							
35729	9.632	0.018	9.151	0.018		0.453	0.023	T	0.52	0.02	L	9.2117	0.0025	0.015	91		9.18	9.24		C			1							
35730	8.391	0.010	8.240	0.012		0.145	0.015	T	0.16	0.01	L	8.2792	0.0018	0.014	91		8.26	8.30		C			1							S
35731	7.712	0.011	7.513	0.011	A	0.320	0.007	G	0.37	0.01	H	7.5665	0.0329	0.147	82	A	7.44	7.89		D	07222+5009	I 2	1 C P A							S
35732	9.357	0.021	8.918	0.021		0.414	0.027	T	0.48	0.03	L	8.9941	0.0016	0.016	57		8.97	9.02		C			1							
35733	7.284	0.008	6.685	0.008	*	0.559	0.010	T	0.63	0.01	L *	6.8033	0.0008	0.008	128	*	6.79	6.82		D	07223−3555	I 1	2 C A	AB	192	7.511	0.004	1.01	0.01	S
35734	9.263	0.014	8.626	0.013		0.586	0.014	T	0.66	0.01	L	8.6767	0.0015	0.016	122		8.65	8.70		C			1							
35735	6.709	0.005	6.398	0.004	A	0.282	0.008	G	0.32	0.01	H *	6.4298	0.0005	0.008	99	*	6.42	6.44		D	07223+5954	I 1	2 C C	AB	308	2.110	0.032	3.92	0.12	S
35736	9.536	0.020	8.374	0.013		0.997	0.019	T	0.98	0.01	L	8.4223	0.0015	0.015	110		8.40	8.45		C			1							
35737	7.067	0.006	6.318	0.005		0.686	0.004	G	0.69	0.05	E	6.3700	0.0009	0.007	95		6.36	6.38		C			1 G							S
35738	10.748	0.043	9.282	0.022		1.235	0.038	T	1.19	0.04	L	9.2879	0.0024	0.022	99		9.24	9.33					1							
35739	9.988	0.023	8.925	0.016		0.875	0.015	G	0.92	0.01	H	8.9761	0.0020	0.021	115		8.95	9.01					1							
35740	8.820	0.010	7.127	0.005		1.414	0.009	T	1.39	0.01	L	7.1173	0.0010	0.010	142		7.10	7.13					1							S
35741	8.415	0.010	7.931	0.012		0.466	0.015	G	0.54	0.02	H	7.9896	0.0016	0.014	110		7.96	8.02					1							S
35742	10.204	0.028	9.003	0.017		1.028	0.026	T	1.00	0.02	L	9.0291	0.0028	0.028	103		9.00	9.07					1							
35743	10.572	0.040	9.554	0.026		0.877	0.037	T	0.89	0.03	L	9.6032	0.0029	0.021	101		9.57	9.64		C			1							
35744	9.435	0.009	9.078	0.010		0.338	0.013	T	0.39	0.02	L	9.1327	0.0021	0.027	293		9.09	9.19		U			1 S							
35745	9.125	0.014	8.831	0.016		0.280	0.020	T	0.32	0.03	L	8.8400	0.0019	0.013	87		8.82	8.89		U			1							P
35746	8.922	0.012	7.222	0.006		1.610	0.015	G	3.01	0.05	F	6.8647	0.0078	0.082	143		6.71	6.95		U 2			1 S							S
35747	8.863	0.008	7.164	0.004		1.419	0.007	T	1.40	0.01	L	7.1601	0.0011	0.014	230		7.14	7.18					1							S
35748	8.064	0.012	8.030	0.015		0.010	0.002	G	0.03	0.00	H	8.0725	0.0023	0.013	50		8.05	8.10		C			1							S
35749	6.245	0.004	5.872	0.004		0.352	0.009	G	0.41	0.01	H	5.9136	0.0012	0.008	88		5.90	5.93					1							S
35750	10.515	0.033	9.408	0.021		0.897	0.018	G	0.94	0.02	H	9.4956	0.0019	0.018	131		9.46	9.53					1							
35751	7.703	0.006	6.544	0.004		0.995	0.006	T	0.97	0.01	L	6.5943	0.0007	0.007	86		6.58	6.61					1							S
35752	9.311	0.015	9.441	0.023		−0.112	0.024	T	−0.10	0.03	L	9.4249	0.0026	0.020	104		9.40	9.46		C			1							G
35753	9.025	0.013	8.901	0.016	*	0.112	0.019	T	0.13	0.02	L *	8.9275	0.0022	0.017	104	*	8.90	8.95			07225−6718	H 1	2 C A	AB	163	0.961	0.029	3.25	0.11	
35754	6.706	0.005	6.774	0.006		−0.053	0.001	G	−0.03	0.00	H	6.7700	0.0008	0.007	87		6.76	6.78		C			1							S
35755						1.668	0.143	G	2.78	0.43	I	11.5352	0.0086	0.045	56		11.45	11.62					1							D
35756	11.017	0.047	10.435	0.043		0.477	0.028	G	0.55	0.03	H	10.5164	0.0024	0.025	133		10.45	10.56					1							G
35757	10.390	0.030	9.040	0.016		1.144	0.027	T	1.11	0.02	L	9.0383	0.0013	0.014	111		9.02	9.07		D			1							
35758	9.147	0.017	9.111	0.021		0.038	0.025	T	0.05	0.02	L	9.1353	0.0020	0.012	89		9.12	9.16		C			1							
35759	9.073	0.019	7.788	0.012		1.093	0.018	T	1.05	0.02	L	7.8546	0.0020	0.013	60		7.83	7.88					1							
35760	9.432	0.018	8.142	0.011	A	1.095	0.017	G	1.06	0.02	H *	8.1596	0.0016	0.011	94	*	8.14	8.18			07226+1356	H 1	2 C B	AB	214	1.242	0.032	3.48	0.23	
35761	6.600	0.004	6.792	0.005		−0.171	0.001	G	−0.18	0.00	H	6.7738	0.0012	0.011	156		6.76	6.79					1							S
35762	9.062	0.015	7.457	0.008		1.345	0.013	T	1.31	0.01	L	7.4562	0.0015	0.017	164		7.43	7.48		M			1							S
35763	9.242	0.012	8.196	0.008		0.909	0.011	T	0.91	0.01	L	8.2683	0.0015	0.016	164		8.24	8.30					1							
35764	10.070	0.024	8.865	0.015		0.990	0.015	G	0.97	0.01	H	8.9114	0.0019	0.015	122		8.89	8.94		C			1							
35765	9.302	0.017	9.215	0.022	A	0.400	0.495	G	0.05	0.07	L *	9.2565	0.0028	0.021	89	*	9.23	9.30			07226+0114	I 1	2 C B	AB	289	1.526	0.042	3.25	0.21	
35766	9.326	0.018	7.877	0.010		1.260	0.015	G	1.22	0.02	H	7.9019	0.0014	0.013	79		7.88	7.93					1							S
35767	7.585	0.006	7.678	0.008		−0.098	0.002	G	−0.08	0.00	H	7.6873	0.0009	0.010	114		7.67	7.71		C			1							S
35768	10.876	0.053	8.943	0.017		1.604	0.044	T	1.62	0.04	L	8.9107	0.0020	0.016	101		8.89	8.94		C			1							
35769	7.067	0.007	7.167	0.009		−0.073	0.008	G	−0.05	0.01	H	7.1406	0.0143	0.094	221		7.05	7.30		U 2 C			1 S							S P
35770	7.963	0.009	7.733	0.009		0.230	0.015	G	0.26	0.02	H	7.7790	0.0011	0.011	108		7.76	7.79		C			1							S
35771	8.320	0.009	7.815	0.008		0.475	0.011	T	0.55	0.01	L	7.8667	0.0010	0.012	156		7.84	7.89					1							S
35772	8.991	0.014	8.376	0.012	*	0.571	0.015	G	0.64	0.01	H *	8.4318	0.0013	0.011	99	*	8.41	8.45		D	07227+1417	M 1	2 C S A	AB	44	0.164	0.003	0.14	0.12	
35773	8.488	0.006	8.690	0.009		−0.179	0.015	G	−0.19	0.02	H	8.6606	0.0011	0.017	244		8.63	8.71					1							
35774	11.503	0.099	10.033	0.045		1.238	0.085	T	1.20	0.08	L	10.0900	0.0024	0.018	57		10.04	10.14					1							G
35775	8.027	0.010	7.424	0.009		0.549	0.015	G	0.62	0.01	H	7.4869	0.0009	0.009	84		7.47	7.50					1							S
35776	9.613	0.022	8.277	0.013		1.133	0.020	T	1.10	0.02	L	8.3206	0.0046	0.069	145		8.07	8.36		U 2 C			1 X S							
35777	8.062	0.011	7.958	0.011		0.101	0.015	T	0.11	0.02	L	8.0053	0.0010	0.010	116		7.99	8.02		C			1							S
35778	8.595	0.009	7.446	0.006		0.987	0.008	T	0.97	0.01	L	7.5030	0.0013	0.012	158		7.49	7.52		C			1							
35779	8.729	0.011	7.668	0.008		0.920	0.010	T	0.92	0.01	L	7.7188	0.0013	0.012	120		7.69	7.74					1							S
35780	10.073	0.023	8.880	0.015		1.022	0.021	T	1.00	0.02	L	8.9310	0.0023	0.019	114		8.90	8.97		C			1							
35781	8.001	0.008	8.008	0.010		−0.005	0.011	T	0.02	0.01	L	8.0191	0.0011	0.011	105		8.00	8.04		C			1							S
35782	10.436	0.029	9.307	0.018		0.972	0.027	T	0.96	0.02	L	9.3638	0.0022	0.023	146		9.32	9.41		C			1							
35783	6.736	0.006	6.796	0.007	B	−0.051	0.008	T	−0.03	0.01	L	6.9607	0.0392			B				D	07228+5518	I 3	1 C I A							S
35784	10.008	0.028	9.000	0.020		0.880	0.026	T	0.89	0.02	L	9.0836	0.0014	0.014	84		9.06	9.12		C			1							
35785	5.671	0.005	5.762	0.004	A	−0.078	0.005	T	−0.06	0.01	L	5.7836	0.0202	0.089	78	A	5.68	5.93		D	07228+5518	I 3	1 C P A							S
35786	9.418	0.017	8.229	0.011		1.018	0.016	T	0.99	0.01	L	8.2716	0.0016	0.012	107		8.25	8.29					1							
35787	7.564	0.008	7.549	0.011		0.014	0.012	T	0.03	0.01	L	7.5786	0.0014	0.008	78		7.56	7.59		C	07228+5518	I 3	1							S
35788	8.708	0.013	8.143	0.012		0.523	0.015	G	0.60	0.02	H	8.2021	0.0010	0.010	110		8.18	8.22		C			1							S
35789	9.637	0.017	9.131	0.017		0.486	0.018	T	0.56	0.02	L	9.1797	0.0015	0.015	121		9.15	9.21					1							
35790	8.232	0.010	7.012	0.006		1.043	0.009	T	1.01	0.01	L	7.0602	0.0011	0.008	100		7.05	7.08			07230−5535	I 1	1							S
35791	9.012	0.012	7.740	0.007		1.083	0.011	T	1.05	0.01	L	7.7984	0.0012	0.014	165		7.78	7.82		C			1							S
35792	8.009	0.010	7.460	0.008		0.514	0.011	T	0.59	0.01	L	7.5127	0.0017	0.011	82		7.50	7.54			07230−0354	I 1	1 S							S
35793	11.601	0.080	9.160	0.015		2.057	0.067	T	3.08	0.64	K	7.9607	0.0311	0.396	239		7.44	8.76		U 2 B	07230−2546	I 1	1 G							
35794	10.510	0.033	9.628	0.025		0.742	0.004	G	0.79	0.00	H	9.7057	0.0021	0.017	109		9.67	9.73					1							
35795	5.202	0.002	5.389	0.002		−0.161	0.001	G	−0.12	0.03	C	5.3603	0.0011	0.012	151		5.33	5.38		U 2			1							S P
35796	7.811	0.008	6.762	0.005		0.911	0.007	T	0.91	0.01	L	6.8245	0.0006	0.005	105		6.81	6.83					1 G							S
35797	9.730	0.022	9.114	0.020	A	0.574	0.026	T	0.65	0.02	L	9.1887	0.0192	0.052	88	A	9.11	9.27		D	07230+4500	I 2	1 C P A							
35798	9.508	0.012	9.234	0.013		0.261	0.017	T	0.29	0.02	L	9.3339	0.0019	0.025	235		9.29	9.38			07231−2532	I 2	1 S							
35799	11.696	0.115	10.701	0.075	B	0.870	0.102	T	0.88	0.07	L	11.3006	0.1072			B				D	07230+4500	I 2	1 C I A							
35800	8.958	0.009	9.116	0.014	*	−0.150	0.020	G	−0.15	0.03	H *	9.1444	0.0016	0.023	234	*	9.11	9.18			07231−2532	I 2	2 C C	AC	183	0.279	0.052	2.35	0.43	

Number HIP (1)	(2)	Descriptor RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Std. Err. α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Corr. δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
*35801		07 23 03.69	+20 33 19.6	7.74		H	110.765 394 58	+20.555 447 84		7.36	−42.59	−0.98	0.91	0.61	0.99	1.13	0.67	−8	+32	−21	+7	−1	−10	+4	−14	+8	+14	0	−1.08
35802		07 23 04.26	+60 55 49.5	10.42		G	110.767 736 10	+60.930 428 22		13.94	−140.68	−244.24	1.39	1.13	2.03	1.53	1.50	−7	+31	+9	+12	+15	+11	+14	−22	+7	−18	0	−1.35
35803		07 23 04.63	+18 16 24.6	6.78		G	110.769 287 44	+18.273 513 74		22.68	−36.66	−42.00	0.91	0.57	1.09	0.97	0.57	−21	+52	−44	−23	+9	−33	−6	−20	−7	+22	0	−0.59
35804		07 23 05.62	+17 24 34.9	7.19		G	110.773 400 03	+17.409 680 82		6.12	−18.73	−13.97	0.80	0.44	1.00	0.91	0.53	−34	+53	−35	−18	+9	−40	−7	−15	−20	+22	0	1.30
35805		07 23 05.89	−65 28 11.7	7.95		H	110.774 531 76	−65.469 929 97		4.24	2.72	−59.63	0.57	0.61	0.64	0.54	0.66	+0	−5	−5	−16	−9	+1	−12	−20	+19	−18	1	0.80
35806		07 23 06.14	−62 16 18.2	7.09		H	110.775 579 60	−62.271 727 50		4.33	−21.58	37.08	0.55	0.51	0.56	0.64	0.55	−7	+1	+19	+11	−7	+0	−8	+1	+3	−20	0	0.48
35807		07 23 06.21	+21 58 14.1	8.71		H	110.775 884 34	+21.970 593 86		1.69	−3.13	−1.50	1.12	0.84	1.40	1.33	0.82	−28	+28	−39	−2	+10	−37	−3	−15	+4	−18	0	−0.46
35808		07 23 06.74	+07 31 37.1	9.24		H	110.778 083 02	+07.526 963 19		1.49	−5.47	−4.86	1.08	0.62	1.17	1.16	0.75	+20	+14	−11	−38	−15	−16	−17	−45	+8	+7	0	0.86
35809		07 23 06.92	−70 38 12.0	6.75		H	110.778 843 47	−70.636 671 42		7.60	−52.44	24.61	0.57	0.44	0.52	0.62	0.47	+0	+23	+3	−28	−9	+9	−3	−9	+8	−14	1	−1.20
35810		07 23 07.00	−04 12 48.8	9.01	2	H	110.779 149 04	−04.213 552 04		−0.39	−0.83	−2.00	1.21	0.79	1.32	1.48	0.92	+19	+17	−4	−37	−20	+9	−18	−41	+8	+31	0	−1.69
35811	H	07 23 08.52	+40 41 59.5	7.60		H	110.785 490 56	+40.699 871 09	A	8.88	−38.28	−9.86	1.47	1.18	1.37	1.92	0.95	−7	+9	−26	+4	−41	+35	−22	−33	+30	+34	1	0.00
35812		07 23 09.35	+13 06 04.9	11.20	3	H	110.788 975 54	+13.101 351 67		−4.03	−10.16	−4.31	2.01	1.57	2.11	2.31	1.46	−37	−8	+4	−53	+29	+51	+32	−71	−21	−46	0	1.32
35813		07 23 09.36	+83 29 13.5	8.56		H	110.788 991 52	+83.487 096 18		3.35	−6.11	−12.14	0.67	0.69	0.81	0.76	0.86	+9	+13	+3	+31	+8	+5	+13	+0	−3	+25	0	−0.38
35814		07 23 09.89	+05 22 45.6	7.97		H	110.791 209 58	+05.379 337 77		2.21	−4.80	−7.04	0.79	0.48	0.92	0.84	0.56	+3	+29	−20	−27	−5	−22	−5	−38	+24	−15	2	0.70
35815		07 23 11.29	−39 05 27.1	7.86	2	H	110.797 047 67	−39.090 872 96		5.33	−5.32	11.65	0.54	0.55	0.68	0.57	0.61	+3	+1	+2	+10	−13	+19	−16	−1	+2	−4	0	0.36
35816		07 23 11.76	−49 00 54.0	8.85		H	110.799 013 42	−49.015 007 84		1.95	−5.71	56.99	0.72	0.71	0.82	0.85	0.89	−5	+13	+11	+0	−8	+17	−10	+3	+0	−21	1	−0.90
35817		07 23 12.47	−22 18 52.9	8.93		G	110.801 973 24	−22.314 693 57		1.21	−3.44	2.18	0.81	1.03	1.40	0.93	1.08	−14	+0	−48	−27	+9	−6	+7	−29	+11	−14	0	−2.74
35818		07 23 14.17	+15 49 55.3	9.46		H	110.809 049 81	+15.832 016 17		0.24	−6.20	−5.42	1.15	0.60	1.28	1.29	0.80	−24	+50	−18	−20	−11	−12	−9	−25	+1	+11	0	1.56
35819		07 23 14.32	−36 04 45.6	9.40		H	110.809 656 67	−36.079 322 76		7.11	29.26	−46.55	0.74	0.88	1.04	0.82	1.02	+4	+1	+7	+9	+4	+12	−1	−16	+2	−10	0	0.13
35820		07 23 14.71	+24 21 43.9	9.60		H	110.811 289 50	+24.362 183 18		3.95	−7.35	−5.95	1.25	0.88	1.37	1.30	0.85	−12	+37	−24	−15	−6	−13	−9	−25	−3	−3	0	2.02
35821		07 23 15.00	+46 05 16.8	10.56		G	110.812 486 40	+46.087 990 54		61.68	−117.05	−239.55	1.64	1.11	1.91	1.99	1.49	−28	+30	−12	−26	−6	−6	−4	−41	+11	−21	2	−0.39
35822		07 23 15.36	−32 02 48.2	8.26		G	110.814 019 33	−32.046 717 29		3.77	−7.62	4.32	0.51	0.63	0.78	0.59	0.78	+1	+8	−4	+19	+10	+0	+9	−5	+5	−5	0	1.66
35823		07 23 15.47	−10 04 05.6	7.62		G	110.814 459 67	−10.068 228 32		16.47	−6.28	−60.16	0.80	0.58	0.97	1.09	0.87	+3	+13	+1	−19	+9	−23	+10	−27	−31	+39	0	−0.59
35824		07 23 16.13	+52 16 44.9	8.04		G	110.817 218 01	+52.279 130 85		11.66	68.03	16.28	0.86	0.66	1.01	1.04	0.65	−11	+32	−24	−6	−25	+7	−16	−32	−1	+10	0	1.25
35825		07 23 18.16	+33 10 33.6	8.19		G	110.825 657 12	+33.175 988 71		12.58	−66.93	−51.98	1.25	0.83	1.22	1.78	0.99	+15	+7	+0	+35	+10	+5	+11	−4	−9	+21	0	0.04
35826		07 23 18.36	+33 41 50.5	7.91		H	110.826 494 52	+33.697 362 38		1.04	11.70	−15.62	1.11	0.73	1.16	1.34	0.88	−11	+33	−4	+20	−10	+8	−14	−9	−5	−26	0	0.72
35827		07 23 18.49	−10 15 58.0	8.91		H	110.827 027 53	−10.266 105 61		0.49	−4.89	−1.98	1.02	0.74	1.24	1.21	1.00	−7	+28	−15	−25	+13	−20	+13	−28	−11	+37	0	−0.65
35828		07 23 19.02	+73 01 42.2	8.55		H	110.829 232 06	+73.028 395 34		1.95	−2.01	−0.86	0.59	0.75	0.99	0.66	0.98	+18	+7	+7	+3	+1	+7	+1	−5	−1	+20	1	0.42
35829		07 23 19.31	−30 04 41.0	9.04	2	H	110.830 437 52	−30.078 046 66		2.08	−0.83	3.72	0.70	0.83	1.08	0.87	1.14	+15	+2	−21	+29	+2	+17	+7	+14	+2	+25	0	−1.58
35830		07 23 19.60	−36 20 24.6	6.74		H	110.831 673 31	−36.340 167 23		1.21	−3.35	8.12	0.43	0.50	0.59	0.49	0.58	−5	+5	+11	+4	+14	+9	+11	−8	+4	−21	1	0.87
35831		07 23 21.30	−04 25 56.8	8.69	2	H	110.838 762 08	−04.432 438 64		0.63	−1.59	1.88	1.03	0.72	1.16	1.35	0.81	+21	+2	−17	−40	−29	+17	−24	−44	+28	+36	2	−0.72
35832		07 23 22.21	−48 11 54.6	8.73		G	110.842 549 21	−48.198 498 91		2.03	−4.73	8.57	0.72	0.64	0.78	0.87	0.78	+1	+4	+11	−6	−1	+12	+0	+11	−7	−13	6	1.25
35833		07 23 22.28	−53 30 29.5	7.04		H	110.842 813 16	−53.508 189 91		5.21	−2.62	16.79	0.53	0.51	0.57	0.57	0.69	−1	+8	−6	−5	−8	−10	−8	+17	−9	−10	0	2.46
35834		07 23 22.76	+35 10 09.4	8.04		H	110.844 814 35	+35.169 291 20		0.88	−13.18	−11.32	1.24	0.93	1.50	2.17	0.89	−1	+18	−63	+43	−13	+15	+23	−28	+30	+57	0	0.49
35835		07 23 22.86	+00 33 03.7	8.03		H	110.845 240 08	+00.551 031 10		5.23	0.70	−1.24	0.95	0.63	1.08	1.08	0.63	−1	+29	−18	−22	−14	+9	−2	−50	+14	+32	0	2.18
35836		07 23 23.87	+28 42 36.8	8.52		H	110.849 447 36	+28.710 221 27		−0.13	−23.41	−47.50	1.05	0.73	1.18	0.98	0.66	−34	+49	−35	+0	−2	−17	−10	−8	−7	−15	0	−0.02
35837		07 23 24.12	−13 21 00.7	8.23		H	110.850 500 80	−13.350 190 46		4.16	−4.02	−4.62	0.66	0.64	1.07	0.84	0.76	−9	+19	−26	+4	+14	−30	+9	−1	+19	−21	2	−1.05
35838		07 23 24.47	−06 38 10.1	8.88		G	110.851 938 12	−06.636 134 80		0.54	−0.24	−15.80	1.05	0.68	1.20	1.22	0.77	+23	+35	−9	−14	−17	−15	−12	−34	+14	+26	2	1.02
35839		07 23 24.51	−20 13 49.2	7.35	1	H	110.852 121 03	−20.230 335 28		1.89	−2.23	2.92	0.53	0.60	0.80	0.62	0.72	−25	+20	−19	−18	+8	−11	+5	−25	+1	−30	0	0.44
35840	H	07 23 24.65	+67 13 41.2	8.06		G	110.852 700 51	+67.228 101 10	A	3.91	−14.43	−41.29	0.95	1.06	1.56	0.86	1.27	−6	+16	−1	−23	+7	−8	+10	−25	+16	−7	1	1.56
35841		07 23 26.47	−64 41 31.3	8.14		H	110.860 285 93	−64.692 040 89		1.58	−3.24	7.01	0.58	0.58	0.61	0.63	0.64	−11	−12	+5	+13	−14	+7	−20	−16	+21	−20	0	0.85
35842		07 23 28.15	+22 56 43.6	6.17		H	110.867 306 62	+22.945 436 51		10.46	−25.93	−35.94	0.80	0.53	0.96	1.03	0.50	−2	+22	−36	+24	+26	−45	+7	+1	−24	+22	5	1.03
35843		07 23 28.21	−02 35 15.9	9.12		H	110.867 541 59	−02.587 756 72		2.01	−1.33	−3.84	1.19	0.81	1.49	1.37	0.93	−2	+38	+2	−10	−8	−10	−3	−22	+12	−12	0	−0.39
35844		07 23 28.37	+56 59 07.6	8.76		G	110.868 208 93	+56.985 446 80		0.42	−13.65	−17.62	0.77	0.62	1.21	0.91	0.80	−11	+35	+1	+46	+17	+17	−5	−8	−17	−45	3	1.77
35845		07 23 28.46	−09 48 34.5	8.37		H	110.868 585 31	−09.809 583 19		4.19	−23.22	5.02	1.04	0.74	1.15	1.32	0.99	−12	+15	−3	−48	+12	−11	+8	−43	−17	+38	2	0.75
*35846		07 23 28.55	+25 03 02.2	5.04		G	110.868 975 50	+25.050 600 41		21.17	−66.59	−28.44	0.82	0.61	0.91	0.84	0.54	−23	+38	−36	−18	−8	+0	−4	−34	+4	−4	2	−0.73
*35847		07 23 28.51	−68 01 17.9	8.02		H	110.868 784 02	−68.021 635 48		5.16	−7.70	−21.10	0.55	0.52	0.57	0.59	0.60	+6	+28	+12	−3	−12	−11	−5	+14	+11	−19	0	0.00
35848		07 23 28.97	−27 50 03.4	5.37	1	H	110.870 728 92	−27.834 283 48		5.94	26.39	−4.14	0.37	0.47	0.65	0.44	0.60	+23	−8	−30	+2	+0	−9	−3	−9	+0	+20	0	0.84
*35849		07 23 29.26	−13 17 55.6	9.29		G	110.871 900 27	−13.298 786 75		6.50	−15.74	10.02	0.83	0.85	1.40	1.03	1.00	−20	+16	−27	+1	+18	−35	+11	+0	+13	−23	12	3.30
*35850		07 23 29.22	+66 46 45.4	10.96		G	110.871 767 16	+66.779 274 20		3.17	122.51	−128.52	1.26	1.34	2.24	1.41	1.76	−2	+20	+1	−21	−1	−8	+3	−23	+18	−2	0	1.14
*35851		07 23 29.22	−20 01 21.3	9.91		H	110.871 768 67	−20.022 582 03		33.67	45.90	−335.47	1.03	1.13	1.55	1.22	1.49	−36	+23	−17	−28	+15	−6	+13	−25	−4	−40	0	0.19
35852		07 23 29.26	+41 21 50.7	7.85		H	110.871 937 22	+41.364 096 70		4.11	−3.40	3.77	0.94	0.65	1.14	1.51	0.78	−9	+25	−40	+14	−29	+29	+6	−47	+30	+46	0	1.05
35853		07 23 30.86	−47 57 17.5	8.60		H	110.878 601 04	−47.954 861 65		2.82	42.79	−10.60	0.69	0.63	0.75	0.76	0.75	−8	+1	−2	−3	−10	+12	−9	+13	−6	−17	1	−0.08
35854		07 23 31.48	−62 16 06.7	10.79		H	110.881 165 77	−62.268 521 39		5.76	27.95	101.29	1.29	1.22	1.33	1.50	1.30	−15	−15	+20	+13	−2	−8	−2	−8	−3	−25	0	0.77
35855		07 23 31.90	−32 12 07.5	5.41		H	110.882 919 83	−32.202 078 58		2.82	−7.85	4.55	0.36	0.41	0.51	0.41	0.49	+4	+9	−11	+25	+3	+3	+4	−1	+7	+2	0	−0.28
35856		07 23 32.17	−34 31 04.4	7.48		H	110.884 058 86	−34.517 893 44		4.08	24.46	−34.98	0.50	0.59	0.70	0.56	0.68	+10	+3	−12	−1	−9	−10	−12	−20	+10	+2	2	−0.85
35857		07 23 34.31	+66 10 30.5	10.81		G	110.892 970 09	+66.175 132 10		10.94	8.25	−180.74	1.39	1.25	2.08	1.46	1.63	+0	+18	+8	−15	+15	+9	+25	−31	+23	+18	1	2.02
35858	H	07 23 34.34	−18 55 32.4	8.69		H	110.893 063 19	−18.925 675 96	A	5.68	−3.37	−13.78	1.16	1.22	1.54	1.25	1.52	−34	+22	−3	−30	+10	−28	+10	−18	−4	−35	3	1.13
35859		07 23 34.65	−31 17 59.8	7.99	1	H	110.894 380 74	−31.299 935 19		2.60	1.69	−1.49	0.49	0.59	0.78	0.55	0.77	+4	+10	+2	+0	+2	+2	+1	+2	−16	+7	0	−1.22
35860		07 23 35.44	−41 41 13.2	8.47		H	110.897 660 64	−41.687 003 06		3.33	−3.72	−5.20	0.64	0.71	0.81	0.67	0.82	+14	+7	+4	−4	−20	+18	−26	−18	−11	−2	1	−0.77
35861		07 23 35.76	−88 51 07.1	8.52		H	110.899 003 37	−88.851 982 88		4.07	−18.88	23.10	0.69	0.65	0.78	0.80	0.89	−8	+24	−7	−29	−4	−12	+4	−6	+23	−24	0	−0.14
35862		07 23 37.27	−15 12 48.4	8.97		H	110.905 310 51	−15.213 433 40		2.32	3.11	7.09	0.79	0.76	1.19	0.84	0.80	+0	+26	−29	−7	+3	−29	−3	−4	+9	+0	0	1.41
35863	H	07 23 37.33	−58 05 49.9	8.50		G	110.905 533 80	−58.097 204 79	A	2.62	−8.95	16.07	1.90	1.75	1.57	1.90	1.84	−3	−10	−8	+17	−20	+2	−20	−4	+16	−10	1	0.66
35864		07 23 37.75	−14 06 00.7	7.64		H	110.907 281 22	−14.100 184 17		0.72	−5.83	5.10	0.64	0.60	1.00	0.71	0.62	−5	+16	−34	−14	+16	−27	+9	−16	+9	+4	0	0.95
35865		07 23 38.57	−22 58 10.8	8.70	2	H	110.910 720 52	−22.969 671 68		1.10	−0.06	5.18	0.79	0.86	1.11	1.08	1.04	−29	+18	−24	−24	+22	+4	+20	−27	−9	−31	0	1.27
35866		07 23 40.41	−30 26 57.3	7.03		H	110.918 378 52	−30.449 257 37		9.35	−19.71	26.02	0.41	0.49	0.63	0.50	0.68	+14	+12	−6	+2	+0	+13	+1	+2	−2	+20	0	1.21
35867		07 23 41.04	+57 34 38.3	7.99		H	110.921 015 77	+57.577 308 53		8.00	−20.48	−41.63	0.72	0.58	0.97	0.82	0.66	−12	+23	−7	+50	+16	+8	+1	−11	−5	−34	0	0.19
35868		07 23 41.61	+54 05 30.3	8.40	1	G	110.923 363 94	+54.091 747 45		4.49	−4.35	−30.01	0.85	0.70	1.00	1.04	0.71	−29	+28	−21	−9	−1	−15	−2	−27	−5	−16	0	−0.24
35869		07 23 42.11	−53 40 10.0	7.22		G	110.925 448 10	−53.669 438 08		3.71	−12.97	36.87	0.56	0.52	0.59	0.57	0.67	+2	+19	+11	−9	−13	−13	−14	+11	−6	−12	0	0.76
35870		07 23 42.91	−28 24 40.4	7.75		G	110.928 781 15	−28.411 234 00		3.49	−5.67	8.48	0.46	0.62	0.84	0.58	0.82	+24	+4	−12	+23	+3	+7	+4	+5	−7	+28	1	−0.17
35871		07 23 46.12	+00 00 40.3	8.83		H	110.942 165 00	+00.011 205 84		7.25	11.02	−44.63	0.98	0.67	1.16	1.00	0.69	+0	+37	−14	−30	−9	−22	−9	−40	+3	+11	0	0.29
35872		07 23 47.02	+12 57 56.7	8.19		H	110.945 899 02	+12.965 751 97		39.91	84.59	−425.58	1.04	0.65	1.14	1.15	0.82	−24	+40	+2	−12	+18	+9	+6	−40	−13	−47	0	0.64
35873		07 23 47.65	+10 42 21.8	9.46		H	110.948 561 50	+10.706 060 06	B	23.12	8.37	−7.58	30.28	18.15	8.74	11.00	7.42	−35	+35	−26	−22	+6	−21	−3	−16	−11	+10	8	0.93
*35874		07 23 47.95	+80 37 34.7	7.20		H	110.949 780 54	+80.626 294 61		8.53	20.92	−5.54	0.45	0.50	0.61	0.49	0.62	+4	+13	+12	+9	+8	+8	+8	+6	+4	+2	0	1.68
*35875		07 23 47.89	+16 40 30.4	7.07		H	110.949 534 11	+16.675 119 69		3.48	−21.17	−4.90	0.78	0.43	0.87	0.81	0.54	−12	+47	−9	−15	−16	−23	−23	−13	−13	+6	0	−1.22
35876		07 23 48.40	+10 42 05.0	8.39		H	110.951 677 04	+10.701 388 01	A	7.49	−0.16	−8.37	3.63	2.34	3.29	3.97	2.54	−38	+31	−25	−34	+6	−24	−5	−22	−11	+4	8	0.93
35877	H	07 23 48.64	−33 29 07.2	8.46		H	110.952 674 61	−33.485 342 68	A	13.51	1.42	−46.57	0.88	0.98	1.14	0.90	1.11	+0	+5	−3	+23	+4	+13	+2	+3	+6	−5	0	0.27
35878		07 23 49.60	+38 01 52.3	9.07		G	110.956 673 84	+38.031 182 20		5.46	−25.56	−9.57	1.29	0.91	1.33	1.77	0.87	−6	+21	−16	+25	+14	+6	+17	−27	−4	+13	0	−0.37
35879		07 23 51.14	−39 32 16.0	7.10		H	110.963 091 46	−39.537 786 06		4.94	−21.39	−10.30	0.50	0.50	0.65	0.57	0.58	+7	+13	+2	+14	−6	+28	−8	−7	+4	+1	1	0.33
35880		07 23 51.72	+35 29 38.6	8.57		H	110.965 511 52	+35.494 058 56		0.13	−21.67	−27.91	1.41	0.93	1.38	2.26	0.96	+31	+11	−43	+14	−23	+16	−3	−29	+15	+61	0	0.80
35881		07 23 51.76	−05 16 16.9	8.10		H	110.965 649 27	−05.271 365 23		15.17	56.46	−1.62	0.88	0.58	0.99	0.94	0.61	+9	+36	+4	−11	−11	−12	−3	−18	+18	−1	0	−0.88
35882		07 23 51.96	−70 46 21.5	8.43		H	110.966 508 51	−70.772 627 52		4.20	−2.78	14.20	0.76	0.58	0.67	0.87	0.64	+2	+11	−2	−32	−17	+9	−10	−2	+6	−13	0	0.12
35883		07 23 52.94	+68 37 53.3	9.32		H	110.970 563 64	+68.631 465 48		9.08	−19.67	7.88	0.77	0.97	1.46	0.73	1.21	+36	−1	+9	−27	−38	+6	−44	−27	+16	+40	3	0.54
35884		07 23 53.86	−17 24 48.2	6.84		H	110.974 417 05	−17.413 381 74		29.37	−71.33	−22.13	0.55	0.49	0.79	0.64	0.61	−18	+26	−6	+4	+21	−10	+28	−8	+12	+18	0	2.08
35885		07 23 53.88	−20 42 33.6	8.23		H	110.974 517 32	−20.709 323 09		5.33	−0.43	−3.18	0.62	0.71	0.99	0.78	0.85	−29	+20	−21	−6	+6	−14	+3	−11	+4	−33	0	−0.51
*35886		07 23 54.47	−23 56 00.4	8.85		G	110.976 972 84	−23.933 447 23		1.04	−2.89	1.44	0.62	0.83	1.06	0.74	1.07	+3	+15	−30	−3	−4	−8	−10	+8	−22	−4	1	0.32
*35887		07 23 54.44	−30 13 01.3	6.61		H	110.976 821 20	−30.217 020 88		1.56	−5.51	4.25	0.38	0.45	0.58	0.45	0.62	+16	+3	−7	+14	+4	+15	+5	+8	+3	+18	0	−0.35
35888		07 23 55.68	+21 42 18.0	8.69		H	110.981 992 67	+21.704 997 29		3.11	−8.06	−8.95	1.19	0.88	1.39	1.39	0.91	−30	+39	−29	−15	+11	−36	+0	−20	+2	−23	0	−0.90
35889		07 23 55.86	−60 50 17.0	8.04		H	110.982 746 86	−60.838 045 88		4.76	−11.95	24.00	0.57	0.59	0.61	0.59	0.59	+1	+3	+7	+18	−9	+13	−15	−18	+10	−15	4	−0.89
35890		07 23 56.09	+33 40 03.6	7.88		H	110.983 691 47	+33.667 680 53		0.67	4.96	−10.85	1.11	0.73	1.14	1.44	0.73	−13	+21	−7	+27	−12	+0	−5	−18	−1	+1	0	0.96
35891		07 23 56.56	+27 47 40.6	7.71	1	H	110.985 656 93	+27.794 620 68		5.55	−20.07	−39.78	1.15	0.79	1.23	1.26	0.69	+7	+25	−35	−21	−38	+10	−28	−33	+12	+25	0	−0.79
35892		07 23 57.77	+61 27 11.3	7.68		H	110.990 709 13	+61.453 151 34		6.00	0.91	6.88	0.65	0.46	0.84	0.86	0.69	+32	+16	+5	+23	+15	+4	+11	−3	+20	+0	0	0.85
35893		07 23 58.34	−35 50 16.3	6.32		G	110.993 090 51	−35.837 860 94		4.68	−9.57	15.37	0.39	0.44	0.52	0.45	0.52	+8	+0	−2	+17	−5	+2	−6	+7	+11	+4	0	1.20
35894		07 24 00.03	+10 54 22.7	7.34		H	111.000 116 20	+10.906 296 32		8.26	−14.18	−15.57	0.89	0.55	1.04	0.91	0.63	−27	+41	−31	−14	−16	−30	−17	−8	+22	−27	0	0.51
35895	T	07 24 00.33	−03 58 40.1	9.84		H	111.001 393 44	−03.977 816 72	B	2.01	−27.79	5.89	41.16	26.00	14.72	21.23	14.38	−10	+27	−8	−40	+15	−24	+15	−21	+7	+9	3	1.28
35896		07 24 01.29	−03 58 43.9	7.10		H	111.005 360 18	−03.978 874 03	A	1.40	−4.49	−0.24	2.59	1.48	2.01	2.68	1.65	−7	+31	−8	−48	+11	−24	+6	−31	−5	+19	3	1.28
35897		07 24 01.39	+01 59 13.4	7.85		H	111.005 804 52	+01.987 059 21		3.28	0.90	−10.25	0.87	0.53	1.02	0.91	0.57	+4	+34	−30	−32	−3	−22	−4	−40	+18	+8	2	0.72
35898		07 24 02.00	−44 08 05.8	8.34	2	H	111.008 319 84	−44.134 951 72		3.06	−4.63	−16.52	0.62	0.59	0.69	0.60	0.72	+3	−10	−5	+14	−9	−3	−11	+8	−7	−4	1	−0.05
35899		07 24 02.14	−12 45 48.1	8.91		H	111.008 896 42	−12.763 366 16		6.80	−41.01	−9.80	0.72	0.73	1.20	0.78	0.77	−37	+18	−29	+0	+37	−30	+36	−21	+1	−18	0	1.01
35900		07 24 02.57	+67 21 12.7	10.31		H	111.010 712 73	+67.353 528 83		22.16	35.91	−169.49	0.96	1.07	1.67	0.87	1.35	−7	+18	−3	−54	−3	−6	−3	−33	+15	−17	0	2.24

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
35801	8.115	0.012	7.761	0.010		0.349	0.015	G	0.41	0.02	H	7.8193	0.0013	0.009	59		7.80	7.84		C			1							S
35802	11.546	0.100	10.502	0.061		0.888	0.020	G	0.93	0.02	H	10.5742	0.0031	0.025	72		10.52	10.61		C			1							G
35803	7.279	0.008	6.819	0.007		0.455	0.015	G	0.52	0.02	H	6.8831	0.0008	0.006	62		6.87	6.89					1							S
35804	7.139	0.005	7.182	0.006		−0.040	0.002	G	−0.02	0.00	H	7.1807	0.0006	0.005	97		7.17	7.19		C			1							S
35805	9.579	0.018	8.082	0.010		1.260	0.016	T	1.22	0.02	L	8.1099	0.0011	0.012	103		8.09	8.13		C			1							
35806	8.319	0.009	7.187	0.006		0.974	0.008	T	0.96	0.01	L	7.2533	0.0007	0.007	107		7.24	7.27					1							S
35807	8.658	0.015	8.693	0.019		−0.027	0.022	T	−0.01	0.02	L	8.7135	0.0018	0.016	55		8.68	8.74					1							
35808	9.133	0.012	9.223	0.017		−0.077	0.019	T	−0.06	0.02	L	9.2211	0.0027	0.024	140		9.18	9.26					1							
35809	8.131	0.008	6.868	0.006		1.076	0.008	T	1.04	0.01	L	6.9153	0.0009	0.008	114		6.90	6.93		C			1							S
35810	12.452	0.295	9.304	0.025		2.297	0.001	G	2.28	0.02	A	9.0625	0.0090	0.115	84		8.96	9.25		U 2 C			1							P
35811	8.832	0.016	7.720	0.011	*	0.958	0.015	T	0.95	0.01	L *	7.7674	0.0012	0.010	71	*	7.75	7.79		D	07231+4042	H 1	2 C A	AB	333	0.455	0.010	2.47	0.05	
35812						1.500	0.510	G	3.87	0.96	Q	10.7370	0.2236	1.479	65		8.26	11.51	272.60	P 1 B			1							D P
35813	8.794	0.011	8.587	0.012		0.198	0.015	T	0.22	0.02	L	8.6272	0.0016	0.017	131		8.60	8.66		C			1							S
35814	9.209	0.015	8.091	0.010		0.963	0.014	T	0.95	0.01	L	8.1308	0.0011	0.011	114		8.11	8.16					1							
35815	8.267	0.009	7.880	0.009		0.366	0.012	T	0.43	0.01	L	7.9442	0.0023	0.021	126		7.91	7.98		U 2			1							S
35816	10.287	0.027	9.000	0.016		1.095	0.025	T	1.06	0.03	L	9.0176	0.0020	0.016	123		8.99	9.04					1							
35817	8.893	0.011	8.902	0.015		−0.032	0.015	G	−0.01	0.01	H	8.9274	0.0023	0.020	110		8.89	8.96		C			1							
35818	9.657	0.021	9.527	0.028		0.118	0.032	T	0.13	0.03	L	9.5039	0.0016	0.016	114		9.47	9.52		C			1							
35819	10.231	0.030	9.485	0.025		0.667	0.030	T	0.73	0.03	L	9.5300	0.0018	0.017	136		9.50	9.55					1							
35820	9.781	0.030	9.639	0.038		0.137	0.045	T	0.15	0.05	L	9.6450	0.0032	0.023	60		9.62	9.70					1							
35821						1.442	0.014	G	1.78	0.04	I	10.5867	0.0033	0.028	116		10.54	10.64		C			1							G
35822	8.118	0.011	8.237	0.015		−0.092	0.010	G	−0.07	0.01	H	8.2286	0.0011	0.014	154		8.21	8.25		D			1							
35823	8.190	0.011	7.659	0.011		0.498	0.015	G	0.57	0.02	H	7.7262	0.0011	0.009	88		7.71	7.75		C			1							S
35824	8.630	0.012	8.094	0.012		0.526	0.015	G	0.60	0.02	H	8.1667	0.0014	0.015	78		8.15	8.19		C			1							S
35825	8.790	0.021	8.209	0.019		0.543	0.015	G	0.62	0.01	H	8.3103	0.0017	0.012	47		8.28	8.33		C			1							S
35826	7.999	0.012	7.910	0.017		0.087	0.019	T	0.10	0.02	L	7.9453	0.0012	0.008	40		7.93	7.97					1							S
35827	8.895	0.014	8.888	0.019		0.011	0.022	T	0.03	0.02	L	8.9239	0.0025	0.019	83		8.89	8.96		C			1							
35828	10.597	0.028	8.709	0.011		1.568	0.024	T	1.59	0.03	L	8.6717	0.0020	0.023	154		8.64	8.71		R			1 S							
35829	9.042	0.011	9.031	0.014		0.015	0.016	T	0.03	0.01	L	9.0542	0.0044	0.049	160		8.99	9.16		U 2			1 S							
35830	6.568	0.004	6.720	0.004		−0.131	0.005	T	−0.12	0.01	L	6.7026	0.0006	0.006	123		6.69	6.71					1							S
35831	8.836	0.015	8.666	0.017		0.163	0.021	T	0.18	0.02	L	8.7478	0.0106	0.052	87		8.67	8.82	6.18	P 1 A			1							
35832	8.743	0.012	8.747	0.015		0.024	0.002	G	0.04	0.00	H	8.7454	0.0012	0.014	115		8.72	8.77					1							
35833	8.277	0.009	7.150	0.006		0.970	0.008	T	0.95	0.01	L	7.2073	0.0008	0.007	106		7.20	7.23					1							S
35834	10.099	0.032	8.210	0.014		1.569	0.028	T	1.59	0.03	L	8.1532	0.0021	0.012	50		8.13	8.18		C	07234+3510	I 1	1							
35835	8.210	0.009	8.062	0.011		0.142	0.013	T	0.16	0.01	L	8.0842	0.0016	0.013	82		8.06	8.12					1							S
35836	9.997	0.029	8.647	0.017		1.144	0.026	T	1.11	0.02	L	8.6855	0.0019	0.013	61		8.67	8.71		C			1							
35837	8.388	0.009	8.239	0.011		0.135	0.013	T	0.15	0.01	L	8.2836	0.0014	0.013	108		8.26	8.31		C			1							S
35838	8.773	0.013	8.883	0.018		−0.062	0.005	G	−0.04	0.01	H	8.8551	0.0023	0.014	69		8.83	8.88		C			1							
35839	7.704	0.007	7.396	0.007		0.330	0.008	G	0.38	0.01	H	7.4312	0.0018	0.019	142		7.40	7.46		U 2			1							S
35840	8.730	0.008	8.054	0.007	A	0.574	0.015	G	0.66	0.01	L *	8.0949	0.0013	0.017	235	*	8.07	8.13			07234+6714	I 1	2 C C	AB	166	5.651	0.041	3.58	0.16	S
35841	8.194	0.008	8.146	0.009		0.049	0.011	T	0.06	0.01	L	8.1608	0.0012	0.011	123		8.14	8.18					1							
35842	6.179	0.006	6.173	0.006		0.006	0.007	T	0.03	0.01	L	6.1833	0.0011	0.006	48		6.18	6.20					1							S
35843	10.712	0.049	9.286	0.025		1.204	0.043	T	1.16	0.04	L	9.2811	0.0028	0.023	83		9.25	9.33					1							
35844	9.931	0.023	8.903	0.015		0.959	0.015	G	0.95	0.01	H	8.9292	0.0018	0.016	134		8.90	8.95		C			1							
35845	8.823	0.015	8.439	0.015		0.364	0.020	T	0.43	0.02	L	8.4602	0.0016	0.014	84		8.44	8.48		C			1							
35846	6.175	0.005	5.129	0.003		0.902	0.004	G	0.82	0.04	E	5.1874	0.0007	0.005	61		5.18	5.20		C			1							S
35847	8.227	0.010	8.044	0.011		0.168	0.014	T	0.18	0.01	L	8.0737	0.0012	0.009	104		8.05	8.09		C			1							S
35848	7.381	0.005	5.542	0.002		1.539	0.003	G	1.54	0.04	E	5.4960	0.0010	0.011	172		5.48	5.52		U 2			1							S
35849	9.854	0.025	9.387	0.026		0.450	0.015	G	0.52	0.02	H	9.4011	0.0019	0.021	109		9.36	9.43		C	07235−1318	I 1	1 S							G
35850	11.831	0.101	11.223	0.101		0.714	0.015	G	0.77	0.01	H	11.1066	0.0045	0.049	172		11.03	11.20					1							G
35851	11.426	0.079	10.035	0.034		1.228	0.015	G	1.39	0.02	I	10.0241	0.0027	0.031	135		9.97	10.08					1							G
35852	7.903	0.012	7.850	0.013		0.054	0.016	T	0.07	0.01	L	7.8752	0.0016	0.014	79		7.85	7.90		C			1							S
35853	9.580	0.018	8.688	0.014		0.779	0.018	T	0.81	0.01	L	8.7440	0.0015	0.015	124		8.72	8.78					1							S
35854	11.696	0.116	10.751	0.077		0.833	0.103	T	0.85	0.08	L	10.9433	0.0040	0.033	105		10.88	11.01		C			1							G
35855	5.180	0.002	5.372	0.003		−0.169	0.002	G	−0.17	0.00	H	5.3443	0.0005	0.006	164		5.33	5.36					1							S
35856	8.859	0.012	7.608	0.008		1.067	0.011	T	1.03	0.01	L	7.6441	0.0011	0.012	126		7.62	7.67		C			1							
35857	11.757	0.096	10.946	0.078		0.876	0.012	G	0.92	0.01	H	10.9725	0.0041	0.046	136		10.87	11.04					1							G
35858	8.903	0.013	8.755	0.015	A	0.000	0.495	G	0.10	0.03	L *	8.7244	0.0017	0.019	138	*	8.69	8.76			07236−1856	I 1	2 C A	AB	144	3.377	0.032	3.18	0.13	
35859	7.874	0.008	7.972	0.010		−0.084	0.011	T	−0.06	0.01	L	7.9708	0.0012	0.014	148		7.95	8.01		U 2			1							S
35860	10.105	0.024	8.618	0.013		1.252	0.021	T	1.21	0.02	L	8.6286	0.0018	0.017	135		8.60	8.67					1							
35861	8.546	0.011	8.510	0.013		0.033	0.015	T	0.05	0.01	L	8.5411	0.0017	0.013	112		8.52	8.57		C			1							
35862	8.977	0.014	8.961	0.018		0.019	0.021	T	0.04	0.02	L	8.9793	0.0023	0.018	94		8.94	9.02		C			1							
35863	9.228	0.016	8.611	0.014	*	0.607	0.015	G	0.68	0.01	H *	8.6242	0.0020	0.019	92	*	8.60	8.66		D	07236−5806	I 1	2 C A	AB	51	0.544	0.003	0.64	0.02	
35864	7.559	0.006	7.634	0.009		−0.064	0.009	T	−0.04	0.01	L	7.6288	0.0015	0.012	92		7.61	7.65		C			1							S
35865	12.158	0.203	8.959	0.019		2.100	0.510	G	2.09	0.52	J	8.7760	0.0238	0.145	100		8.63	8.98		U 2 C			1 S							
35866	7.169	0.005	7.044	0.005		0.113	0.007	T	0.13	0.01	L	7.0730	0.0009	0.010	161		7.06	7.09		D			1							S
35867	8.642	0.010	8.055	0.009		0.549	0.015	G	0.62	0.01	H	8.1135	0.0013	0.012	117		8.09	8.13		C			1							S
35868	8.480	0.010	8.406	0.012		0.060	0.015	G	0.07	0.01	H	8.4194	0.0021	0.018	97		8.40	8.46		M			1							
35869	7.123	0.006	7.186	0.006		−0.068	0.003	G	−0.05	0.00	H	7.1950	0.0010	0.008	94		7.18	7.21		C			1							S
35870	8.175	0.008	7.785	0.008		0.375	0.015	G	0.44	0.02	H	7.8356	0.0012	0.012	174		7.81	7.86					1							S
35871	9.496	0.019	8.853	0.017		0.597	0.022	T	0.67	0.02	L	8.9547	0.0016	0.010	85		8.93	8.98					1							
35872	9.445	0.020	8.288	0.013		0.959	0.010	G	1.01	0.01	I	8.3321	0.0015	0.011	79		8.31	8.35					1							
35873	10.596	0.052	9.471	0.031	B	0.969	0.047	T	0.95	0.04	L	9.4238	0.0474			B				D	07238+1042	I 2	1 C I A							
35874	8.473	0.009	7.321	0.006		0.990	0.008	T	0.97	0.01	L	7.3684	0.0010	0.011	161		7.35	7.39					1							S
35875	9.018	0.011	7.225	0.005		1.493	0.010	T	1.52	0.01	L	7.2017	0.0011	0.011	128		7.18	7.22					1							S
35876	8.543	0.011	8.369	0.013	A	0.167	0.016	T	0.18	0.02	L	8.4479	0.0231	0.078	83	A	8.26	8.52		D	07238+1042	I 2	1 C P A							S
35877	9.270	0.015	8.622	0.013	A	0.600	0.495	G	0.64	0.02	L *	8.5822	0.0017	0.016	125	*	8.57	8.62		D	07238−3329	I 1	2 C A	AB	30	2.209	0.009	2.22	0.03	
35878	9.477	0.029	9.076	0.031		0.379	0.015	G	0.44	0.02	H	9.1413	0.0037	0.018	50		9.11	9.17					1							
35879	8.425	0.010	7.219	0.007		1.032	0.010	T	1.00	0.01	L	7.2711	0.0010	0.009	115		7.26	7.29		C			1							S
35880	9.860	0.027	8.677	0.018		1.014	0.025	T	0.99	0.02	L	8.7365	0.0028	0.016	62		8.72	8.77					1							S
35881	9.046	0.015	8.178	0.012		0.776	0.014	T	0.81	0.01	L	8.2474	0.0017	0.012	80		8.22	8.26		C			1							S
35882	8.424	0.009	8.432	0.012		−0.006	0.013	T	0.01	0.01	L	8.4363	0.0020	0.014	105		8.41	8.45		C			1							
35883	9.937	0.017	9.344	0.016		0.553	0.021	T	0.63	0.02	L	9.4403	0.0023	0.025	195		9.40	9.49					1							
35884	7.400	0.005	6.891	0.005		0.489	0.005	T	0.56	0.01	L	6.9436	0.0009	0.009	123		6.93	6.96		C			1							S
35885	8.483	0.009	8.273	0.010		0.201	0.013	T	0.22	0.01	L	8.2992	0.0016	0.017	140		8.27	8.33		C			1							
35886	9.220	0.014	8.885	0.015		0.363	0.014	G	0.42	0.01	H	8.9409	0.0017	0.017	120		8.91	8.97					1							
35887	6.344	0.003	6.558	0.004		−0.198	0.005	G	−0.21	0.01	H	6.5351	0.0009	0.009	168		6.52	6.55					1							S
35888	9.847	0.028	8.798	0.019		0.911	0.026	T	0.91	0.02	L	8.8461	0.0021	0.014	56		8.82	8.89		C			1 S							
35889	8.181	0.009	8.059	0.010		0.118	0.013	T	0.13	0.01	L	8.0902	0.0009	0.012	111		8.07	8.12					1							S
35890	9.840	0.039	8.031	0.018		1.506	0.034	T	1.54	0.05	L	8.0033	0.0022	0.013	46		7.99	8.02		C			1							
35891	9.388	0.028	7.838	0.015		1.320	0.015	G	1.28	0.02	H	7.8655	0.0029	0.013	47		7.84	7.88		M			1							
35892	7.934	0.008	7.713	0.010		0.211	0.012	T	0.23	0.01	L	7.7501	0.0009	0.010	124		7.73	7.77		C			1							S
35893	6.130	0.003	6.287	0.004		−0.136	0.003	G	−0.13	0.00	H	6.2667	0.0009	0.008	130		6.26	6.28			07240−3550	I 1	1							S
35894	7.448	0.007	7.342	0.008		0.103	0.010	T	0.12	0.01	L	7.3766	0.0010	0.008	81		7.36	7.39		C			1							S
35895											T	10.0031	0.0830			B				D	07240−0359	I 2	1 C I A							
35896	8.914	0.016	7.198	0.008	A	1.432	0.014	T	1.42	0.02	L	7.2409	0.0072	0.016	70	A	7.22	7.27		D	07240−0359	I 2	1 C P A							S
35897	8.131	0.010	7.882	0.008		0.237	0.012	T	0.26	0.01	L	7.9199	0.0012	0.010	107		7.91	7.94		C			1							S
35898	10.521	0.032	8.545	0.012		1.674	0.028	T	2.09	0.07	O	8.4161	0.0026	0.031	124		8.36	8.46		U 2			1							
35899	9.349	0.017	8.951	0.017		0.389	0.020	T	0.45	0.02	L	9.0038	0.0018	0.014	114		8.98	9.03		C			1							
35900	11.574	0.062	10.416	0.034		0.951	0.014	G	1.00	0.01	I	10.4500	0.0020	0.033	236		10.39	10.52					1							G

Number HIP 1	2	RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	α (ICRS) deg 8	δ deg 9	10	π mas 11	μα* mas/yr 12	μδ mas/yr 13	α* mas 14	δ mas 15	π mas 16	μα* mas/yr 17	μδ mas/yr 18	δ/α* 19	π/α* 20	π/δ 21	μα*/α* 22	μα*/δ 23	μα*/π 24	μδ/α* 25	μδ/δ 26	μδ/π 27	μδ/μα* 28	F1 % 29	F2 30
35901		07 24 03.85	−31 53 32.5	7.81		H	111.016 055 32	−31.892 366 47		2.23	−8.30	56.22	0.56	0.70	0.87	0.62	0.81	+1	+4	+0	+17	+5	+10	+4	+0	−3	−3	0	0.52
35902		07 24 04.63	−40 02 47.2	9.76		G	111.019 286 00	−40.046 434 88		25.23	−25.98	152.99	2.57	2.79	3.26	2.57	2.75	+2	+4	−2	−24	−5	+16	−7	−37	−3	−15	0	
35903		07 24 05.18	+31 57 04.8	9.62		H	111.021 579 30	+31.951 338 98		5.35	−23.45	−14.79	1.67	1.07	1.86	1.73	1.16	−9	+51	−20	+6	+8	+0	+11	−25	+5	+8	4	0.96
35904		07 24 05.71	−29 18 11.2	2.45	2	G	111.023 771 04	−29.303 119 79		1.02	−3.76	6.66	0.37	0.44	0.57	0.44	0.60	+25	+8	−16	+22	+3	+19	+8	−1	+6	+30	2	−1.81
35905		07 24 07.10	−31 53 29.6	9.35		G	111.029 596 84	−31.891 560 10		2.14	−10.82	1.87	0.81	1.02	1.29	0.94	1.24	−1	+6	−3	+8	+5	+10	+5	−2	+1	−4	0	−0.64
35906		07 24 08.00	−28 49 40.4	6.79		H	111.033 330 62	−28.827 896 33		1.63	−7.02	5.91	0.38	0.46	0.61	0.43	0.62	+22	+6	−15	+20	+8	+16	+12	+8	+6	+29	0	0.31
35907		07 24 08.47	+40 40 20.8	5.23		G	111.035 295 09	+40.672 440 66		4.48	−3.35	−21.11	0.96	0.68	0.96	1.34	0.61	+27	+27	−36	−21	−44	+22	−26	−55	+16	+57	0	−0.73
35908		07 24 08.69	+39 07 55.1	8.32		G	111.036 220 00	+39.131 971 82		13.19	4.93	−56.64	1.32	0.80	1.26	1.49	0.76	+4	+42	−13	+38	+18	+0	+9	−8	−15	+14	0	0.62
35909	H	07 24 08.94	+21 27 28.0	7.28		G	111.037 250 85	+21.457 785 67	A	5.12	4.73	−13.56	1.83	1.27	1.91	2.02	1.22	−43	+37	−33	−20	+16	−29	+12	−31	+12	−30	3	0.59
35910		07 24 09.48	−58 29 32.2	6.58		H	111.039 515 41	−58.492 282 86		20.61	−87.79	137.52	0.49	0.51	0.53	0.55	0.55	+6	+9	−2	+9	−8	−2	−12	−28	+16	−13	1	−0.55
35911		07 24 10.73	−25 21 32.3	9.10		H	111.044 703 69	−25.358 978 72		2.77	−18.50	18.54	0.45	0.80	1.29	0.52	1.08	+24	−4	−28	+13	+8	+2	+13	−10	−1	+29	1	1.55
35912		07 24 12.34	−22 21 45.0	7.27		H	111.051 403 86	−22.362 512 01		3.16	−7.03	−1.03	0.61	0.64	0.84	0.75	0.73	−27	+12	−36	−26	+20	−6	+20	−27	+5	−20	0	−0.23
35913		07 24 12.97	+64 08 52.3	7.68		H	111.054 040 19	+64.147 858 33		4.99	−3.47	−25.67	0.71	0.57	0.92	0.98	0.91	+6	+18	−9	+4	−16	+15	−10	−34	+20	+17	0	1.53
35914		07 24 13.93	+20 48 08.2	9.52		H	111.058 046 74	+20.802 264 80		10.42	−67.41	−54.02	2.98	1.99	3.43	3.09	2.00	−18	+41	−39	−8	−10	+6	+1	−30	+19	−3	0	
35915		07 24 14.00	+08 53 51.8	9.92	2	H	111.058 324 04	+08.897 731 96		1.37	1.64	−6.63	1.73	0.95	1.79	1.92	1.28	−15	+35	−9	−52	+15	−21	+15	−54	+18	−39	0	0.54
35916	H	07 24 14.26	−08 53 15.4	9.57		G	111.059 421 85	−08.887 615 26	A	0.55	1.96	−0.37	2.39	1.75	2.31	2.83	2.08	−33	+4	−44	−35	+29	−5	+23	−21	−5	+9	2	−0.11
35917		07 24 15.64	+58 17 03.9	10.45		H	111.065 172 20	+58.284 420 76		−2.95	−2.91	−2.19	1.16	1.10	1.78	1.32	1.34	−4	+25	+1	+29	+18	+6	+17	+5	+11	−20	0	−0.88
35918		07 24 16.51	−65 48 46.3	10.56		G	111.068 771 78	−65.812 870 88		1.68	−3.25	1.19	1.12	1.27	1.28	0.90	1.34	+6	+15	+17	−52	−8	−11	−6	−35	+6	−26	2	0.79
35919	H	07 24 17.17	+36 18 39.6	7.14		G	111.071 557 88	+36.311 002 92	A	8.01	19.51	−36.54	1.24	0.94	1.18	1.33	0.68	−35	+44	−37	+13	−16	+37	+7	−27	+12	−8	0	0.00
35920		07 24 17.24	−22 54 46.0	6.20		H	111.071 820 51	−22.912 764 81		5.00	−4.42	2.79	0.49	0.53	0.73	0.62	0.67	−16	+18	−32	−13	+12	−7	+10	+5	−3	−14	0	2.00
35921		07 24 17.43	−25 33 04.6	8.36		H	111.072 606 17	−25.551 283 92		2.99	16.45	−1.41	0.49	0.83	1.32	0.55	1.15	+26	+0	−27	+27	+8	+0	+13	−7	−13	+34	1	0.96
35922		07 24 17.46	−18 20 53.8	6.95		H	111.072 732 45	−18.348 273 83		7.69	−23.70	46.95	0.62	0.61	0.85	0.69	0.76	−33	+2	+4	−25	+28	−11	+31	−26	−6	−30	0	0.86
*35923		07 24 18.19	+03 10 40.7	7.24		H	111.075 804 14	+03.177 975 74		6.60	−17.56	−7.16	0.89	0.54	0.92	0.98	0.67	+41	−5	−26	−34	−32	−11	−40	−43	+20	+25	0	−0.27
*35924	H	07 24 18.17	−42 42 22.9	9.59		H	111.075 718 48	−42.706 351 66	A	10.18	−37.64	44.17	2.62	2.17	2.47	2.70	2.27	+6	+20	+10	+10	+4	+9	+3	−6	+5	−1	4	1.40
35925		07 24 20.52	+69 56 49.3	8.75	1	H	111.085 515 86	+69.947 026 55		5.99	−26.29	−43.40	0.46	0.73	1.22	0.54	0.98	+24	+13	+7	+26	−6	+7	−6	−18	+7	+26	1	0.19
35926		07 24 20.74	−26 30 27.8	10.01	2	H	111.086 425 78	−26.507 714 80		2.80	−2.52	−0.39	1.00	1.53	2.02	1.30	2.47	+20	+3	−17	+34	+13	−6	+16	+19	−23	+40	2	0.70
35927		07 24 22.19	+43 13 26.5	8.48		H	111.092 452 53	+43.224 027 90		−0.05	−7.96	−34.73	1.14	0.63	1.16	1.47	0.86	−22	+22	+3	+16	−7	+2	+7	−33	−8	+11	0	−1.03
35928		07 24 24.45	+18 54 37.1	8.04	1	H	111.101 889 72	+18.910 293 13		3.30	−2.84	−11.26	0.99	0.64	1.10	1.17	0.73	−28	+36	−28	−17	+7	−18	+7	−29	+5	−4	0	1.22
35929		07 24 24.58	+10 14 44.5	6.90		H	111.102 411 19	+10.245 690 21		1.77	−12.02	−9.09	0.86	0.54	0.93	0.96	0.64	−8	+23	−25	−33	−21	−17	−27	−23	+5	+6	0	−0.49
35930		07 24 24.69	+22 55 39.9	8.15		G	111.102 858 61	+22.927 748 16		8.64	−40.76	−58.91	0.98	0.79	1.31	1.34	0.66	−9	+21	−61	+15	+8	−22	+2	−7	−4	+33	0	1.18
35931	H	07 24 25.20	+30 40 58.1	9.56		H	111.104 985 32	+30.682 808 93	A	3.67	−2.63	−34.33	2.78	1.82	2.85	2.66	1.64	−33	+52	−38	+6	−11	+31	+7	−27	+9	−4	0	0.22
35932		07 24 25.25	+34 14 10.4	7.99		H	111.105 225 53	+34.236 229 80		4.08	−21.52	−13.13	1.19	0.72	1.24	1.37	0.65	−11	+34	−23	+31	−2	−4	+5	−17	−1	+14	0	−0.69
35933		07 24 27.65	+15 31 01.9	6.47	2	H	111.115 203 74	+15.517 198 94		0.67	−1.48	−1.52	0.77	0.42	0.86	0.79	0.52	−15	+53	−23	−18	−4	−25	−15	−12	−14	+18	2	1.04
35934		07 24 28.05	+33 02 21.1	8.54		H	111.116 872 56	+33.039 205 38		−0.17	1.70	−16.22	1.37	0.88	1.36	1.92	0.91	+4	+15	−2	+34	−4	+7	+1	−15	−8	+16	0	−0.12
35935		07 24 28.44	+06 09 00.9	7.94		H	111.118 496 35	+06.150 257 57		2.82	0.54	−0.26	0.94	0.52	0.95	0.89	0.57	+26	+23	+1	−42	−15	−15	−18	−49	+6	−5	3	0.62
35936		07 24 28.90	−12 12 05.2	7.74		H	111.120 412 38	−12.201 453 47		2.50	−1.85	−1.06	0.63	0.64	1.01	0.65	0.62	−37	+22	−15	+1	+47	−7	+52	−34	+3	−9	0	−1.01
35937		07 24 30.49	−80 11 07.9	10.12		G	111.127 035 10	−80.185 520 54		33.17	176.36	61.96	0.99	0.89	1.01	1.12	0.95	−4	+18	+7	+12	+9	+9	+5	−18	−3	−11	3	−0.52
35938		07 24 30.53	−72 18 36.0	8.91		H	111.127 209 11	−72.310 009 13		1.85	−10.44	20.52	0.73	0.69	0.75	0.72	0.75	+15	+25	+1	−39	−8	−13	−7	−26	+0	+9	0	−0.32
35939		07 24 31.30	−43 27 52.1	7.98		H	111.130 424 64	−43.464 459 05		2.27	−10.80	17.69	0.55	0.56	0.66	0.57	0.65	+1	+19	+1	+2	−7	−2	−9	+10	−15	−8	0	1.94
35940		07 24 31.97	−20 57 10.0	9.76		G	111.133 210 46	−20.952 773 63		2.96	−5.56	3.65	1.06	1.18	1.74	1.22	1.46	−19	+39	−24	−13	+5	−10	+1	−13	−3	−21	0	1.94
35941		07 24 33.44	+27 38 16.1	5.77		H	111.139 350 24	+27.637 819 01		15.57	14.32	15.45	1.31	0.80	1.37	1.45	0.72	+15	+50	−45	−40	−42	−3	−33	−49	+11	+58	0	−0.87
35942		07 24 33.48	+70 41 11.3	8.09		H	111.139 507 51	+70.686 483 31		5.12	−5.02	−14.76	0.43	0.55	0.97	0.52	0.71	+20	+7	−4	−4	−11	+17	−8	−23	+23	+29	2	0.90
35943		07 24 34.28	−17 53 31.6	10.34		G	111.142 849 20	−17.892 108 65		41.56	−49.08	−42.56	1.27	1.16	1.70	1.47	1.64	−24	+14	−12	−6	+25	−24	+28	−6	−3	−11	3	0.49
35944	H	07 24 34.98	−18 04 48.3	9.14		G	111.145 729 91	−18.080 088 22	*	3.99	−3.73	−3.05	2.59	2.07	1.56	1.48	1.62	−22	+9	+3	−16	+20	−16	+24	−9	+7	−45	2	−0.59
35945		07 24 35.95	+49 53 49.4	9.46		H	111.149 786 05	+49.897 058 75		3.23	−4.64	−0.07	1.22	1.08	1.40	1.59	1.15	−38	+7	+10	−33	+19	+9	+21	−61	−19	−29	0	0.27
35946		07 24 37.11	−71 28 14.7	6.49		H	111.154 639 80	−71.470 756 44		12.90	7.69	40.95	0.50	0.43	0.49	0.53	0.47	+2	+20	−7	−27	−7	+1	−8	+0	−1	+7	0	−0.10
35947		07 24 37.57	−38 16 23.9	7.42		H	111.156 542 76	−38.273 293 86		15.73	−61.85	−7.93	0.49	0.51	0.63	0.52	0.61	+2	−5	−4	−6	−4	−2	−5	−9	−3	−3	0	1.70
35948		07 24 38.23	+30 51 23.5	8.88		H	111.159 306 44	+30.856 525 56		2.11	−2.98	−1.60	1.51	1.04	1.73	1.59	1.01	−30	+54	−43	+18	−7	+17	+11	−25	+12	+11	0	0.62
35949		07 24 38.57	+46 57 55.6	9.16		G	111.160 721 85	+46.965 447 71		1.99	−3.80	−19.73	1.13	0.81	1.38	1.28	0.92	−22	+44	−8	−10	−10	+6	−10	−41	−17	−7	0	−1.26
35950		07 24 40.00	+01 55 27.2	9.19		H	111.166 667 91	+01.924 227 28		3.50	0.58	−13.84	1.07	0.67	1.27	1.16	0.76	+3	+33	−29	−32	−2	−26	−6	−38	+17	−4	0	−0.71
35951		07 24 40.19	−16 12 05.1	5.18	2	H	111.167 459 93	−16.201 423 74		3.45	−4.65	−20.15	0.44	0.39	0.73	0.61	0.57	−11	+23	−17	+25	+9	−8	+19	+1	+30	+17	1	−0.62
35952		07 24 40.43	−36 33 26.1	8.60		H	111.168 470 61	−36.557 239 83		1.96	−6.54	22.05	0.61	0.68	0.81	0.71	0.85	−3	+8	−1	−2	+7	+4	+8	−6	+9	−17	0	−0.32
35953		07 24 40.83	+65 50 19.3	7.56		G	111.170 138 72	+65.838 686 28		7.05	−9.24	−53.43	0.58	0.54	0.93	0.65	0.75	+17	+19	+0	−3	+13	+7	+23	−16	+21	+39	0	0.13
35954		07 24 42.08	+58 58 35.4	8.75		H	111.175 329 74	+58.976 496 39		2.29	−17.51	−13.77	0.90	0.75	1.34	1.01	0.98	+8	+33	+4	+33	+23	+13	+19	+4	+1	−10	4	0.36
35955		07 24 43.04	−20 42 42.4	9.34		G	111.179 346 14	−20.711 775 33		2.83	−1.65	3.84	0.81	0.89	1.31	0.94	1.14	−29	+29	−26	−18	+10	−14	+7	−6	−2	−31	0	−1.24
35956		07 24 43.62	+45 06 26.7	9.65		H	111.181 759 29	+45.107 405 24		5.04	0.67	−33.40	1.51	0.81	1.68	1.86	1.08	−26	+49	−10	+0	−11	−16	+5	−36	+13	+1	0	1.78
35957	H	07 24 43.87	−31 48 32.1	5.35		G	111.182 784 16	−31.808 926 21	A	5.91	−21.37	8.73	0.53	0.60	0.70	0.53	0.64	+6	+13	+13	+17	−1	+2	−3	−17	−4	+4	14	0.51
35958		07 24 44.95	+30 11 01.1	9.77		H	111.187 273 38	+30.183 648 32		0.85	6.62	−5.37	1.55	1.04	1.69	1.68	1.15	−13	+39	−14	−7	−2	−1	−6	−24	−9	−8	0	−0.26
35959		07 24 46.31	−01 14 41.0	8.70		H	111.192 969 81	−01.244 732 06		8.16	17.99	18.48	1.04	0.67	1.28	1.00	0.67	−8	+49	−17	−20	−3	−24	+2	−28	+17	−4	2	2.27
*35960	H	07 24 47.36	−37 17 28.5	6.14	1	H	111.197 350 96	−37.291 260 75	A	4.70	−13.16	27.81	0.82	0.95	0.88	0.72	0.99	−18	−13	+14	−13	+15	+37	+12	−23	−20	−31	0	−0.37
*35961		07 24 47.17	−48 52 45.4	8.89		H	111.196 535 19	−48.879 273 90		10.87	−1.64	63.82	0.71	0.68	0.81	0.79	0.82	+3	+19	+12	−4	−2	+17	−5	+7	−16	−15	1	1.86
35962		07 24 47.82	+32 35 21.0	8.43		H	111.199 246 14	+32.589 164 76		8.95	−42.40	−26.00	1.18	0.80	1.27	1.47	0.78	+3	+28	−1	+13	−2	+14	−3	−31	−9	+5	0	−1.02
35963		07 24 47.96	−52 16 47.4	9.80		H	111.199 822 07	−52.279 834 26		6.51	−18.57	21.11	1.04	1.01	1.15	1.16	1.41	−2	+20	+0	−15	−7	+3	−2	+0	+17	−19	0	−0.37
*35964		07 24 48.14	+26 37 16.2	11.51		H																							
*35965		07 24 48.13	−51 19 42.2	10.18		G	111.200 539 73	−51.328 394 78		18.88	186.42	389.85	1.22	1.28	1.38	1.64	1.73	−6	+7	+10	−13	+14	−10	+15	−13	+6	−35	0	0.49
35966		07 24 48.19	−40 21 11.7	9.41		H	111.200 783 90	−40.353 260 99		7.90	14.45	19.78	0.70	0.78	0.91	0.73	0.87	+6	+2	−2	−1	−12	+12	−15	−14	−3	−13	0	0.69
35967		07 24 48.59	+26 37 39.0	9.16		H	111.202 477 58	+26.627 495 51		2.37	−11.70	1.61	1.72	1.27	1.63	2.47	1.37	+12	+0	−4	−41	−41	+5	−34	−36	+11	+25	7	0.69
35968		07 24 48.65	+41 58 11.4	7.80	1	H	111.202 690 68	+41.969 832 91		5.05	6.47	−3.92	1.03	0.69	1.24	1.63	0.86	−12	+22	−31	+5	−17	+42	+9	−40	+21	+31	0	−1.63
*35969		07 24 49.68	+20 00 03.1	7.59		H	111.207 019 15	+20.000 865 14		3.35	−2.95	−8.94	0.87	0.55	0.93	0.87	0.56	+1	+36	−11	−2	−14	−1	−12	−18	+8	−7	0	0.55
*35970		07 24 49.67	−44 34 33.7	9.13		G	111.206 968 82	−44.576 023 58		2.98	−3.36	8.29	0.64	0.62	0.74	0.72	0.82	−3	+4	−16	−1	−9	+14	−9	+13	−12	−2	0	1.18
35971		07 24 49.83	−45 09 27.2	9.26		H	111.207 627 30	−45.157 557 54		4.17	−26.95	−13.91	0.73	0.78	0.87	0.92	1.09	−4	−1	−14	+15	−2	+1	−2	+13	−3	+5	0	1.17
35972		07 24 50.00	+14 38 42.6	9.80		H	111.208 332 04	+14.645 179 47		3.65	−5.36	−2.84	1.32	0.78	1.53	1.26	0.87	−35	+54	−33	−28	+10	−35	+0	−22	+3	−19	0	0.15
35973		07 24 50.31	−14 07 22.3	8.91		H	111.209 620 23	−14.122 863 59		1.58	−14.78	−28.58	0.81	0.83	1.33	0.96	0.91	−8	+7	−33	−1	+20	−29	+12	−8	−1	−4	0	−1.17
35974		07 24 50.44	−36 52 51.0	9.37		H	111.210 172 37	−36.880 834 81		3.09	−8.19	10.86	0.76	0.85	1.00	0.94	1.15	−8	−4	+2	−2	+15	+2	+15	−4	+3	−27	0	−1.30
35975		07 24 50.88	−19 00 44.2	6.24	1	H	111.212 017 45	−19.012 288 75		1.83	−3.04	3.83	0.46	0.51	0.76	0.56	0.68	−32	+20	−4	−15	+4	−25	+6	−5	+13	−43	0	0.06
35976		07 24 50.90	−08 26 12.4	9.00		G	111.212 091 38	−08.436 771 85		9.46	2.75	−27.03	1.05	0.79	1.26	1.49	1.18	+10	+7	−20	−13	+9	−13	+8	−13	−5	+42	0	0.68
35977		07 24 51.44	+52 23 59.7	8.33	2	H	111.214 327 21	+52.399 904 13		1.57	5.46	−12.52	0.82	0.68	0.98	1.06	0.69	−13	+22	−24	−11	−23	+6	−14	−27	+8	+1	0	1.25
35978	H	07 24 52.22	+44 51 07.1	7.84		H	111.217 580 42	+44.851 981 25	A	4.98	−7.00	−29.02	1.60	0.84	1.57	1.84	1.02	−21	+56	−16	−5	−30	−2	−13	−35	+4	+26	1	0.05
35979		07 24 52.41	−63 00 42.5	11.25	3	H	111.218 379 70	−63.011 802 67		2.30	−8.79	10.36	1.81	1.74	1.91	2.15	1.78	−11	−7	+23	−4	+0	−12	+2	−3	+10	−22	3	−0.48
35980		07 24 53.85	+01 37 31.7	8.18		H	111.224 361 66	+01.625 470 68		3.83	14.67	−32.96	0.96	0.56	1.03	1.01	0.63	+11	+34	−20	−47	−12	−28	−15	−42	+8	+5	0	−0.44
35981		07 24 55.40	−30 50 23.5	8.50		H	111.230 844 02	−30.839 865 04		0.18	−8.52	4.76	0.57	0.71	0.91	0.65	0.81	+6	+3	−2	−3	+0	+11	+0	−6	+1	+6	0	−0.16
35982		07 24 56.46	−07 36 13.8	8.43		G	111.235 267 21	−07.603 830 34		6.68	−0.52	−2.48	0.90	0.64	1.05	1.15	0.85	+16	+21	−9	−15	−11	−10	−10	−21	−3	+51	0	−0.39
*35983		07 24 57.10	+54 40 43.6	8.72		H	111.237 929 71	+54.678 766 01		1.31	3.92	−2.15	1.00	0.84	1.22	1.33	1.02	−29	+19	−13	+1	−11	−4	−7	−28	+5	−22	0	−0.19
*35984		07 24 57.08	+51 53 14.4	5.80		H	111.237 828 38	+51.887 343 96		2.84	9.46	−35.14	0.70	0.53	0.83	0.84	0.52	−17	+42	−26	−4	−24	+5	−15	−28	−3	+11	0	0.90
35985		07 24 57.16	−38 21 06.0	9.48		G	111.238 172 38	−38.351 675 73		20.44	−3.56	−119.30	0.96	1.09	1.25	1.01	1.21	+12	+3	−2	−25	−14	−8	−15	−24	−6	+4	0	−0.48
35986		07 24 57.47	+04 06 21.8	8.88		H	111.239 471 04	+04.106 052 42		6.38	11.08	−38.43	1.04	0.62	1.10	1.07	0.70	+25	+31	−2	−43	−25	−24	−26	−45	+8	+1	0	0.18
35987		07 24 58.19	+11 40 10.4	5.37		H	111.242 454 64	+11.669 559 84		10.28	−16.29	−14.91	0.81	0.48	0.93	0.77	0.49	−33	+51	−30	−21	+5	−26	+4	−31	+15	−27	2	−0.89
35988		07 24 59.06	−24 25 34.9	8.03		H	111.246 065 31	−24.426 349 28		1.95	−7.97	5.26	0.47	0.60	0.82	0.56	0.76	+24	+6	−20	−6	−5	−5	−6	+2	−10	+18	1	0.74
35989		07 24 59.52	+46 06 01.3	9.16		G	111.248 004 82	+46.100 367 80		20.44	−289.37	−310.08	1.26	0.90	1.46	1.69	1.10	−22	+16	+4	−25	−11	+20	−7	−51	−10	−7	8	−0.29
*35990		07 25 00.46	−33 04 52.5	8.93		H	111.251 931 84	−33.081 258 40		2.05	0.40	−5.14	0.73	0.73	0.94	0.88	0.85	+3	+4	+1	+44	+4	+8	+2	−5	+5	+0	1	2.04
*35991	H	07 25 00.51	+03 02 44.5	8.81		H	111.252 138 42	+03.045 698 11	*	1.17	2.65	5.86	1.14	0.61	1.22	1.52	0.84	+32	+15	−17	−15	−20	−10	−17	−39	+20	+36	0	1.35
*35992		07 24 59.99	−38 20 57.9	9.65		G	111.249 978 22	−38.349 409 83		20.73	−3.00	−118.82	2.50	2.02	1.50	2.37	2.32	−2	−7	+0	−89	+7	+6	+10	−81	−5	−18	0	−0.19
35993		07 25 04.66	−43 23 13.6	7.76		H	111.269 402 44	−43.387 119 14		5.39	−1.56	−19.49	0.49	0.51	0.60	0.49	0.60	+2	+15	+3	−3	−8	−9	−9	+15	−13	−9	1	0.92
35994		07 25 05.52	+10 08 29.2	8.84		H	111.273 007 48	+10.141 442 40		−0.38	0.53	−2.74	1.19	0.72	1.31	1.52	1.09	−3	+36	−20	−31	−37	−16	−32	−36	+18	+29	0	0.48
35995		07 25 06.80	−14 52 59.6	6.76		G	111.278 353 92	−14.883 232 28		6.85	−19.22	3.90	0.54	0.48	0.74	0.55	0.52	−1	+20	−28	−3	+13	−13	+14	−11	+10	+18	0	0.21
35996		07 25 07.08	−26 55 58.1	9.62		H	111.279 495 41	−26.932 792 11		4.61	−4.34	3.58	0.68	1.19	1.53	0.83	1.60	+19	−4	−36	+15	−5	+15	+2	+4	−1	+27	0	0.16
35997	H	07 25 07.97	−21 10 25.9	6.80	1	G	111.283 199 54	−21.173 863 66	A	0.22	−1.57	4.25	0.96	1.09	1.35	1.07	1.14	−23	+17	−28	−20	+9	−1	+6	−18	−5	−18	1	0.69
35998		07 25 08.44	−13 45 07.1	5.79		H	111.285 155 47	−13.751 975 56		28.72	−202.90	−0.91	0.52	0.46	0.77	0.59	0.51	+8	+6	−27	−10	+9	−24	+3	−15	−1	+11	0	−0.95
35999		07 25 09.11	−70 24 13.9	7.75		H	111.287 939 50	−70.403 858 78		6.85	11.95	13.22	0.70	0.56	0.65	0.77	0.62	+11	+23	+4	−21	−17	+13	−14	−2	−2	−8	0	−0.79
36000		07 25 09.78	+19 00 19.8	7.47		H	111.290 765 42	+19.005 513 54		4.33	0.12	−11.69	0.90	0.53	1.03	1.06	0.62	−24	+41	−28	−18	−3	−21	−6	−25	−4	+14	0	0.64

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No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
35901	9.812	0.026	7.985	0.011		1.473	0.016	G	1.49	0.02	H	7.9406	0.0019	0.017	149		7.91	7.97					1							
35902	11.225	0.058	9.861	0.028		1.070	0.015	G	1.03	0.01	I	9.9103	0.0026	0.023	121		9.88	9.96					1 X S							G
35903	10.014	0.034	9.668	0.039		0.328	0.048	T	0.38	0.07	L	9.6969	0.0034	0.019	50		9.66	9.74					1							
35904	2.398	0.004	2.451	0.003		−0.083	0.010	G	0.01	0.02	A	2.4215	0.0021	0.030	156		2.38	2.48		U 2	07240−2918	I 1	1							S
35905	9.315	0.030	9.385	0.042		−0.016	0.029	G	0.01	0.03	H	9.3624	0.0031	0.028	148		9.32	9.41					1							
35906	6.588	0.003	6.760	0.004		−0.150	0.004	T	−0.15	0.01	L	6.7350	0.0008	0.008	174		6.72	6.75		C			1							S
35907	6.814	0.006	5.329	0.004		1.249	0.003	G	1.14	0.03	C	5.3785	0.0009	0.007	49		5.37	5.39					1							S
35908	8.855	0.017	8.380	0.016		0.440	0.013	G	0.51	0.01	H	8.4261	0.0014	0.016	51		8.39	8.46		D			1							S
35909	7.679	0.017	7.633	0.025	A	0.092	0.015	G	0.10	0.02	H *	7.3066	0.0017	0.010	59	*	7.29	7.33		D	07242+2128	I 1	2 C	A	AB	234	1.858	0.003	0.92	0.01	S
35910	7.445	0.006	6.664	0.004		0.710	0.006	T	0.76	0.01	L	6.7241	0.0007	0.008	110		6.71	6.74		C	07241−5830	I 1	1							S
35911	9.328	0.011	9.133	0.013		0.187	0.016	T	0.21	0.02	L	9.1666	0.0016	0.019	255		9.14	9.20					1							
35912	9.331	0.014	7.447	0.006		1.565	0.012	T	1.58	0.01	L	7.3838	0.0013	0.016	115		7.36	7.41					1							S
35913	7.770	0.007	7.692	0.007		0.077	0.009	T	0.09	0.01	L	7.7113	0.0013	0.010	95		7.69	7.73					1							S
35914	10.130	0.040	9.560	0.037		0.533	0.048	T	0.61	0.05	L	9.6329	0.0034	0.020	51		9.60	9.68		C			1 X							
35915	11.422	0.101	10.069	0.045		1.161	0.091	T	3.87	0.17	O	9.4571	0.0349	0.221	98		9.19	9.74		U 2			1 S							G
35916	9.574	0.021	9.563	0.029	*	0.000	0.020	G	0.02	0.02	H *	9.5756	0.0035	0.028	85	*	9.50	9.63		D	07242−0853	H 1	2 C	A	AB	110	0.571	0.014	1.93	0.06	G
35917	10.977	0.046	10.523	0.049		0.428	0.062	T	0.50	0.07	L	10.5466	0.0043	0.033	106		10.49	10.61		C			1							G
35918	12.082	0.146	10.773	0.075		1.490	0.020	G	1.51	0.03	H	10.7032	0.0042	0.036	100		10.62	10.76					1							G
35919	7.662	0.008	7.203	0.009	*	0.402	0.015	G	0.47	0.02	H *	7.2554	0.0021	0.011	63	*	7.24	7.28		D	07243+3619	H 1	2 C	A	AB	339	0.495	0.008	2.47	0.03	S
35920	6.081	0.003	6.192	0.004		−0.088	0.006	G	−0.07	0.01	H	6.1768	0.0009	0.008	103		6.17	6.19		C			1							S
35921	9.649	0.013	8.473	0.008		1.008	0.012	T	0.98	0.01	L	8.5285	0.0016	0.018	238		8.50	8.56					1							
35922	7.229	0.006	6.974	0.006		0.243	0.008	T	0.27	0.01	L	7.0148	0.0010	0.010	121		7.00	7.04		C			1							S
35923	8.826	0.013	7.379	0.007		1.220	0.012	T	1.18	0.01	L	7.4053	0.0010	0.010	98		7.39	7.43		C			1							
35924	9.562	0.035	8.926	0.030	*	0.585	0.034	T	0.66	0.03	L *	9.7234	0.0025	0.024	134	*	9.69	9.76		D	07243−4242	I 1	2 C	A	AB	67	1.874	0.003	0.03	0.01	G
35925	9.210	0.008	8.782	0.008		0.418	0.009	G	0.48	0.01	H	8.8441	0.0015	0.022	301		8.81	8.88		U			1							
35926	10.052	0.021	10.052	0.032		0.005	0.035	T	0.03	0.03	L	10.0209	0.0056	0.075	191		9.81	10.12		R 2 C	07243−2630	I 1	1	S						G
35927	10.245	0.029	8.628	0.013		1.354	0.025	T	1.32	0.03	L	8.6326	0.0021	0.017	110		8.60	8.65		C			1							
35928	10.153	0.029	8.248	0.012		1.582	0.025	T	1.60	0.03	L	8.1592	0.0024	0.021	81		8.13	8.18		U			1							
35929	8.073	0.009	7.016	0.007		0.917	0.009	T	0.92	0.01	L	7.0637	0.0009	0.007	78		7.05	7.08					1							S
35930	8.635	0.017	8.187	0.017		0.390	0.020	G	0.46	0.02	H	8.2425	0.0015	0.011	53		8.23	8.27		C			1							S
35931	10.247	0.047	9.616	0.043	A	0.515	0.072	G	0.59	0.08	R *	9.6773	0.0042	0.021	55	*	9.64	9.71		C	07244+3041	M 1	2 C	A	AB	272	1.076	0.045	2.86	0.13	
35932	9.189	0.021	8.094	0.014		0.946	0.019	T	0.94	0.01	L	8.1524	0.0026	0.012	45		8.13	8.18		C			1							S
35933	6.208	0.005	6.428	0.006		−0.190	0.007	T	−0.20	0.01	L	6.4056	0.0022	0.058	99		6.24	6.43		U 2 C			1							S
35934	10.331	0.045	8.689	0.021		1.374	0.039	T	1.34	0.05	L	8.6968	0.0018	0.016	50		8.67	8.73		D			1							
35935	9.418	0.016	8.040	0.009		1.166	0.014	T	1.13	0.01	L	8.1037	0.0011	0.012	134		8.08	8.13		C			1							
35936	9.257	0.012	7.855	0.007		1.185	0.011	T	1.15	0.01	L	7.9017	0.0010	0.010	129		7.88	7.92		C			1							
35937	11.805	0.106	10.181	0.038		1.274	0.015	G	1.45	0.03	I	10.2208	0.0035	0.026	109		10.17	10.25					1							G
35938	10.298	0.029	9.010	0.017		1.096	0.026	T	1.06	0.03	L	9.0814	0.0012	0.014	95		9.06	9.11		D			1							
35939	8.885	0.012	8.072	0.009		0.760	0.015	G	0.80	0.01	H	8.1286	0.0014	0.013	134		8.11	8.15		C			1							S
35940	11.787	0.126	10.033	0.038		1.670	0.015	G	1.65	0.02	J	9.8381	0.0029	0.032	130		9.79	9.89					1							D
35941	6.203	0.006	5.814	0.005		0.368	0.007	T	0.43	0.01	L	5.8580	0.0012	0.006	38		5.85	5.87					1							S
35942	8.214	0.006	8.095	0.007		0.115	0.009	T	0.13	0.01	L	8.1321	0.0011	0.018	234		8.10	8.16					1							S
35943	12.675	0.302	10.512	0.064		1.365	0.007	G	1.60	0.01	I	10.4242	0.0032	0.026	106		10.38	10.47		C			1							G
35944	9.448	0.017	9.188	0.019	*	0.240	0.020	G	0.27	0.03	H *	9.1996	0.0026	0.019	102	*	9.16	9.22		D	07246−1805	H 1	2 C	A	AB	130	0.253	0.009	0.44	0.16	
35945	9.596	0.022	9.486	0.029		0.107	0.034	T	0.12	0.04	L	9.5025	0.0037	0.027	99		9.46	9.55					1							
35946	6.631	0.004	6.494	0.004		0.120	0.015	G	0.12	0.02	A	6.5289	0.0008	0.009	105		6.52	6.54					1							S
35947	7.915	0.007	7.465	0.008		0.435	0.015	G	0.50	0.02	H	7.5167	0.0011	0.010	130		7.50	7.54					1							S
35948	11.268	0.093	9.101	0.026		1.791	0.077	T	1.82	0.08	L	8.9723	0.0047	0.024	48		8.95	9.02		C			1							
35949	9.691	0.017	9.205	0.017		0.450	0.015	G	0.52	0.02	H	9.2691	0.0018	0.023	143		9.23	9.31					1 S							
35950	9.624	0.020	9.228	0.021		0.375	0.027	T	0.44	0.03	L	9.2735	0.0022	0.018	112		9.24	9.30		C			1							
35951	5.151	0.007	5.192	0.009		−0.035	0.010	T	−0.01	0.01	L	5.1730	0.0079	0.101	147		5.06	5.34		U 2 C			1							S P
35952	10.421	0.033	8.736	0.014		1.408	0.028	T	1.39	0.03	L	8.7413	0.0015	0.016	124		8.71	8.77					1							
35953	7.843	0.007	7.576	0.007		0.254	0.009	T	0.29	0.01	L	7.6260	0.0013	0.011	136		7.61	7.64		C			1							S
35954	9.905	0.022	8.867	0.016		0.903	0.020	T	0.90	0.01	L	8.9070	0.0015	0.019	98		8.88	8.94					1							S
35955	9.306	0.016	9.363	0.023		0.034	0.017	G	0.05	0.01	H	9.3302	0.0023	0.023	128		9.29	9.37					1							G
35956	10.240	0.030	9.697	0.029		0.509	0.037	T	0.58	0.04	L	9.7634	0.0033	0.021	98		9.73	9.81					1							
35957	6.714	0.004	5.458	0.003	A	1.071	0.002	G	1.01	0.04	E *	5.5006	0.0009	0.007	155	*	5.49	5.51			07247−3148	I 1	2 C	C	AB	311	2.120	0.042	4.23	0.19	S
35958	11.380	0.098	9.917	0.046		1.233	0.085	T	1.19	0.08	L	9.9286	0.0027	0.021	61		9.89	9.96		C			1							G
35959	9.593	0.019	8.762	0.015		0.748	0.018	T	0.79	0.01	L	8.8511	0.0024	0.019	92		8.82	8.89		C			1							
35960	6.418	0.006	6.133	0.006	*	0.261	0.009	G	0.29	0.01	H *	6.2155	0.0020	0.013	112	*	6.19	6.24	0.12	P 1 A	07248−3717	I 1	2 C	B	AB	322	6.879	0.002	0.05	0.01	S P
35961	9.544	0.017	8.939	0.015		0.563	0.017	T	0.64	0.02	L	9.0124	0.0019	0.017	119		8.99	9.04					1							
35962	8.915	0.017	8.481	0.017		0.410	0.022	T	0.48	0.02	L	8.5190	0.0017	0.014	54		8.50	8.54		C			1							
35963	10.530	0.030	9.871	0.026		0.602	0.030	T	0.67	0.03	L	9.9260	0.0037	0.027	109		9.88	9.97					1							G
35964											T	11.6455	0.0778	0.329	51		10.45	12.03		D	07248+2638	I 2		S						G
35965	11.361	0.066	10.256	0.040		0.920	0.020	G	0.97	0.02	H	10.3406	0.0047	0.038	117		10.28	10.39					1							G
35966	10.022	0.022	9.461	0.020		0.540	0.020	G	0.61	0.02	H	9.5248	0.0026	0.020	132		9.49	9.56					1							
35967	10.855	0.142	9.311	0.064		1.639	0.218	G	1.36	0.07	B	9.3055	0.0048	0.027	50		9.24	9.35		R	07248+2638	I 2	1							
35968	10.065	0.037	8.063	0.015		1.659	0.032	T	1.68	0.03	L	7.9134	0.0030	0.019	69		7.89	7.95		U			1							S
35969	7.613	0.010	7.577	0.013		0.038	0.015	T	0.05	0.01	L	7.6072	0.0011	0.008	63		7.60	7.62		C			1							S
35970	9.156	0.013	9.125	0.017		0.037	0.003	G	0.05	0.00	H	9.1513	0.0018	0.017	119		9.11	9.18		C			1							
35971	10.321	0.030	9.381	0.021		0.830	0.027	T	0.85	0.02	L	9.4122	0.0018	0.018	114		9.38	9.44		C			1							
35972	10.312	0.035	9.874	0.035		0.427	0.040	T	0.49	0.04	L	9.8921	0.0020	0.020	99		9.85	9.93					1							G
35973	10.259	0.030	8.995	0.018		1.077	0.027	T	1.04	0.02	L	9.0834	0.0025	0.017	93		9.05	9.12					1							
35974	10.550	0.043	9.501	0.028		0.911	0.039	T	0.91	0.03	L	9.5329	0.0028	0.021	118		9.50	9.56		C			1							
35975	6.592	0.004	6.308	0.003		0.291	0.004	G	0.46	0.03	C	6.3359	0.0013	0.017	146		6.31	6.37		U 2	07248−1901	I 1	1							S
35976	9.468	0.022	9.017	0.022		0.430	0.020	G	0.50	0.02	H	9.1052	0.0019	0.019	83		9.07	9.14		C			1							
35977	10.679	0.046	8.627	0.016		1.699	0.039	T	1.72	0.04	L	8.4312	0.0086	0.055	82		8.33	8.50	4.13	P 1 A			1	S						
35978	9.385	0.016	8.017	0.009	A	0.800	0.495	G	1.06	0.05	L *	8.0078	0.0014	0.013	115	*	7.99	8.03		D	07249+4451	I 1	2 C	A	AB	245	3.311	0.025	2.99	0.07	S
35979											T	11.3931	0.0112	0.115	93		11.28	12.02	9.38	P 1 A			1							G
35980	9.649	0.019	8.301	0.011		1.143	0.017	T	1.11	0.01	L	8.3452	0.0015	0.012	110		8.33	8.36		C			1							
35981	10.571	0.030	8.656	0.011		1.590	0.025	T	1.61	0.03	L	8.6099	0.0019	0.020	166		8.58	8.64					1							
35982	8.757	0.013	8.463	0.014		0.249	0.015	G	0.28	0.02	H	8.4898	0.0011	0.014	81		8.45	8.52		D			1							
35983	10.723	0.043	8.885	0.017		1.529	0.037	T	1.57	0.08	L	8.8412	0.0018	0.017	85		8.82	8.87		C			1							
35984	7.919	0.008	5.986	0.004		1.610	0.015	G	1.66	0.03	C	5.9137	0.0010	0.009	85		5.90	5.93					1							S
35985	10.521	0.031	9.523	0.021		0.888	0.010	G	0.89	0.01	H	9.6048	0.0026	0.023	121		9.56	9.64		D	07250−3821	I 2	1	S						
35986	9.564	0.017	8.961	0.016		0.562	0.021	T	0.64	0.02	L	8.9979	0.0017	0.016	120		8.97	9.03		C			1	S						
35987	5.502	0.003	5.381	0.003		0.105	0.006	G	0.12	0.01	H	5.4091	0.0004	0.004	90		5.40	5.42		C			1							S
35988	7.829	0.006	7.998	0.009		−0.147	0.009	T	−0.14	0.01	L	7.9811	0.0012	0.014	174		7.96	8.01					1							
35989	10.222	0.032	9.233	0.023		0.814	0.004	G	0.85	0.00	H	9.2956	0.0020	0.019	103		9.26	9.33					1							
35990	10.827	0.043	9.044	0.017		1.485	0.037	T	1.50	0.06	L	9.0546	0.0021	0.018	116		9.02	9.09		C			1							
35991	8.945	0.014	8.818	0.017	*	0.123	0.021	T	0.14	0.02	L *	8.8606	0.0016	0.017	99	*	8.83	8.89		D	07250+0303	H 1	2 C S	B	AB	227	0.111	0.013	0.47	0.95	
35992	10.789	0.038	9.629	0.023		0.944	0.005	G	0.99	0.01	I	9.7975	0.0030	0.025	78		9.75	9.84		D	07250−3821	I 2	1	S						
35993	7.841	0.007	7.773	0.008		0.061	0.010	T	0.07	0.01	L	7.7810	0.0011	0.012	135		7.76	7.80		C	07251−4323	I 1	1							S
35994	8.897	0.014	8.842	0.018		0.056	0.021	T	0.07	0.02	L	8.8644	0.0023	0.014	82		8.84	8.89		C			1 G							
35995	6.812	0.006	6.771	0.006		0.042	0.003	G	0.06	0.00	H	6.7859	0.0008	0.008	96		6.77	6.80		C			1							S
35996	9.454	0.014	9.574	0.021		−0.104	0.022	T	−0.09	0.03	L	9.5928	0.0025	0.030	187		9.55	9.65					1							G
35997	7.172	0.019	7.110	0.018	A	0.117	0.026	G	0.13	0.03	R *	6.8230	0.0021	0.019	120	*	6.80	6.86		U 2	07251−2110	I 1	2 C	A	AB	23	1.750	0.003	0.92	0.02	S
35998	6.273	0.004	5.830	0.004		0.432	0.005	T	0.50	0.01	L	5.8840	0.0007	0.005	93		5.88	5.89		C			1							S
35999	9.309	0.015	7.878	0.008		1.200	0.020	G	1.16	0.02	H	7.9128	0.0014	0.011	102		7.89	7.93		C			1							S
36000	8.820	0.013	7.578	0.009		1.060	0.012	T	1.03	0.01	L	7.6359	0.0012	0.009	99		7.62	7.65		C			1							S

Number HIP	Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag		Position: epoch J1991.25 α (ICRS) deg	δ deg	Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ	Standard Errors α* mas	δ	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ	Astrometric Correlations (%)	Soln F1 %	F2
1 2	3	4	5	6 7	8	9 10	11	12	13	14	15	16	17	18	19 20 21 22 23 24 25 26 27 28	29	30
36001	07 25 10.40	+58 19 12.9	9.10	H	111.293 319 87	+58.320 248 38	0.07	−2.63	5.42	0.84	0.76	1.26	1.05	1.01	−16 +18 + 6 +28 + 2 + 4 − 4 − 5 + 9 −39	0	−0.56
36002	07 25 10.55	+67 08 50.0	7.63	H	111.293 956 09	+67.147 215 07	5.47	−7.94	−12.68	0.47	0.54	0.87	0.46	0.67	− 2 +16 + 2 −37 − 2 − 6 + 0 −23 +16 − 1	1	1.93
36003	07 25 11.22	−49 54 46.5	8.24	H	111.296 733 74	−49.912 911 30	0.90	−5.43	8.33	0.67	0.67	0.75	0.74	0.89	+ 2 + 9 + 7 + 8 − 2 − 4 − 3 + 8 − 3 − 7	3	−0.30
36004	07 25 13.07	−03 08 03.4	8.66	2 H	111.304 444 10	−03.134 266 25	−1.71	−3.83	3.25	1.15	0.71	1.36	1.32	0.96	+ 2 +49 + 3 −25 − 8 −10 − 1 −27 +13 −20	0	−0.53
36005	07 25 13.93	+08 44 35.0	8.87	H	111.308 053 79	+08.743 062 30	5.16	−4.32	−18.89	1.33	0.82	1.38	1.33	0.82	−37 +42 −37 −49 +14 −22 +12 −44 +13 −25	4	2.68
36006	07 25 14.57	+10 54 16.7	8.66	H	111.310 716 59	+10.904 637 15	3.31	−6.68	−9.38	1.16	0.67	1.34	1.34	0.87	−30 +45 −29 −34 + 4 −39 − 8 −20 + 2 −12	0	0.37
36007	07 25 15.82	−46 14 50.8	8.59	2 H													
36008	07 25 16.28	−77 26 53.1	9.59	H	111.317 832 86	−77.448 076 02	4.96	−3.16	18.41	0.84	0.84	0.89	0.99	0.98	− 3 +13 + 0 −10 − 5 +10 − 6 −24 + 4 −16	0	−0.79
36009	07 25 16.38	−28 11 12.9	7.93	1 G	111.318 240 91	−28.186 917 50 A	1.82	−4.72	2.27	0.67	0.87	1.05	0.73	1.03	+20 − 1 −18 +36 +26 −15 +23 +18 − 5 +10	1	0.17
∗36010	07 25 17.39	−25 49 32.9	9.48	1 H	111.322 473 19	−25.825 814 18	−2.74	−2.10	3.40	0.50	0.89	1.37	0.55	1.26	+26 − 1 −27 +37 + 7 + 7 +14 + 4 − 7 +36	1	0.75
∗36011	07 25 17.39	+38 24 49.2	9.95	H	111.322 447 45	+38.413 661 98	6.41	−18.76	−10.74	1.90	1.45	2.11	2.45	1.34	−38 +54 −46 +16 +16 +13 +31 −35 +14 +10	0	0.50
36012	07 25 17.84	+49 39 24.9	7.84	H	111.324 336 03	+49.656 911 40	3.45	−0.68	−1.92	0.88	0.70	1.05	1.10	0.75	−19 +22 + 6 −24 + 4 + 6 + 2 −51 −24 −10	0	1.58
36013 H	07 25 18.01	−27 37 52.3	9.37	H	111.325 043 01	−27.631 196 99 A	0.82	−3.84	6.84	1.24	1.68	2.20	1.42	2.03	+ 9 − 5 −11 +28 + 4 −26 + 2 + 2 − 4 −11	2	0.25
36014	07 25 18.09	+56 34 09.5	7.69	H	111.325 386 12	+56.569 300 63	24.06	−56.05	−58.55	0.66	0.53	1.02	0.82	0.70	− 7 +22 − 1 +49 +12 +16 − 4 − 2 −13 −37	1	0.79
36015	07 25 19.02	−41 09 27.8	7.58	G	111.329 234 61	−41.157 723 82	11.71	25.64	58.55	0.49	0.54	0.63	0.52	0.63	+10 + 5 + 0 + 3 −19 +13 −22 − 4 − 5 + 0	2	−0.91
36016	07 25 19.07	−16 27 32.6	9.32	1 G	111.329 444 15	−16.459 046 83	5.16	−16.66	7.95	0.82	0.78	1.38	1.14	1.19	−29 +27 −14 + 9 + 8 −15 +13 + 6 +22 + 1	0	−1.88
36017	07 25 19.98	−21 58 57.4	6.04	H	111.333 234 71	−21.982 598 39	1.03	−1.61	2.98	0.56	0.60	0.83	0.76	0.87	−21 + 0 −23 −24 +21 + 6 +23 −18 −29 −32	0	−0.98
36018	07 25 21.09	+42 58 03.9	9.42	H	111.337 888 64	+42.967 746 93	7.13	−1.92	−48.74	1.45	0.84	1.60	2.17	1.13	−13 +34 −25 − 6 −31 +26 − 9 −40 +19 +32	0	−0.72
36019	07 25 21.97	+81 15 27.1	6.30	H	111.341 543 68	+81.257 533 45	3.92	−2.30	−31.84	0.45	0.46	0.59	0.49	0.57	+13 +29 + 4 +15 + 8 +14 +12 +17 +17 +22	0	1.82
36020	07 25 22.32	−84 20 24.3	8.77	H	111.343 012 68	−84.340 085 14	1.89	−11.90	19.33	0.68	0.59	0.69	0.95	0.74	−14 +12 + 9 + 4 + 0 + 8 − 2 − 2 − 5 −30	2	0.13
36021	07 25 23.01	−43 07 44.0	8.76	H	111.345 855 79	−43.128 894 81	2.28	−5.79	1.34	0.60	0.60	0.71	0.61	0.74	− 2 + 3 + 2 −10 − 1 + 3 − 1 + 0 − 6 −10	0	−0.85
36022 H	07 25 25.17	+85 44 20.4	8.03	G	111.354 865 44	+85.738 992 65 A	12.57	4.96	−84.71	0.87	1.00	0.98	0.88	1.21	+28 +11 + 5 + 8 +25 − 5 +24 +22 − 5 +42	2	0.02
36023	07 25 25.20	+00 28 25.0	9.59	H	111.354 997 03	+00.473 597 62	2.58	−7.51	−3.92	1.14	0.75	1.31	1.31	0.83	− 1 +31 −14 −28 + 0 −15 − 3 −44 + 2 − 3	0	1.40
36024	07 25 25.27	−25 13 04.0	5.79	1 H	111.355 305 99	−25.217 764 50	1.01	−8.66	−0.89	0.30	0.48	0.70	0.35	0.65	+31 − 2 −22 +11 + 9 − 2 +11 − 6 + 5 +35	0	0.87
36025	07 25 26.20	+78 15 15.1	7.23	H	111.359 157 78	+78.254 187 83	7.40	7.08	−78.14	0.51	0.58	0.73	0.61	0.71	+ 0 +23 − 5 +10 − 2 − 2 + 1 + 3 +10 +13	0	−2.39
36026	07 25 26.36	+56 32 38.9	7.53	1 H	111.359 816 92	+56.544 133 21	3.18	1.21	−12.58	0.70	0.59	1.10	0.91	0.93	− 6 +24 − 4 +48 + 2 +14 − 9 +18 − 7 −45	3	0.12
36027	07 25 26.63	+12 11 17.3	8.96	H	111.360 941 85	+12.188 131 91	2.92	0.94	−5.15	1.34	0.94	1.41	1.31	0.96	−39 +28 + 1 −33 +30 + 2 +22 −56 −17 −46	0	−0.97
36028	07 25 26.89	+04 51 02.8	7.94	2 H	111.362 035 38	+04.850 768 25	1.30	−6.54	10.92	0.87	0.47	1.03	0.94	0.59	+ 8 +42 − 2 −25 + 6 −19 + 9 −45 +22 −16	0	−0.82
36029	07 25 27.84	+46 48 37.5	7.99	H	111.366 000 39	+46.810 423 64	6.63	−63.40	−50.61	0.85	0.64	1.10	0.99	0.69	−22 +37 − 5 −14 −10 + 0 − 9 −45 −18 − 7	0	0.24
36030	07 25 27.96	−07 44 41.8	8.41	H	111.366 497 33	−07.744 939 79	1.01	17.77	−5.36	0.90	0.65	1.19	1.22	0.90	+ 3 +26 − 6 −16 + 1 −30 − 2 −11 − 8 +46	0	0.41
36031	07 25 28.24	+04 33 43.7	8.53	H	111.367 675 91	+04.562 126 15	3.37	−2.65	−3.64	0.92	0.49	1.07	0.92	0.56	+17 +43 − 1 −30 − 8 −26 − 7 −42 +12 − 5	1	0.06
36032	07 25 30.38	+37 01 27.7	9.68	H	111.376 563 61	+37.024 347 38	6.28	4.36	−2.52	1.82	1.39	1.99	1.97	1.29	− 4 +35 +11 − 7 +14 +12 + 2 −51 −19 −13	0	1.22
36033	07 25 30.97	−77 11 11.4	8.88	H	111.379 028 84	−77.186 492 91	2.74	9.43	27.33	0.80	0.68	0.78	0.95	0.84	− 3 +23 − 1 −23 + 5 + 2 + 5 −20 + 0 −12	0	−0.59
36034	07 25 33.74	−19 26 15.9	6.90	1 H	111.390 596 63	−19.437 748 45	2.28	−3.91	2.75	0.56	0.62	0.89	0.67	0.80	−44 +22 − 8 −21 + 8 −19 +11 −11 +24 −49	0	−0.07
36035 H	07 25 35.30	+20 29 42.7	6.92	H	111.397 066 38	+20.495 197 78 A	7.99	−1.74	−23.82	1.78	1.22	1.72	1.82	1.12	−42 +26 −34 −28 +12 +18 +21 −44 +19 −47	3	1.26
36036 H	07 25 35.69	−63 03 37.5	8.98	H	111.398 710 75	−63.060 403 69 A	1.16	−2.70	−1.87	1.39	1.25	1.23	1.48	1.19	+ 1 − 3 +10 − 8 − 2 −12 + 2 − 3 + 8 −20	0	0.45
36037	07 25 36.50	+44 03 32.0	10.95	G	111.402 083 68	+44.058 894 52	25.88	−104.10	−86.72	2.51	1.44	2.56	2.84	1.76	−49 +48 −24 +14 + 1 + 6 +21 −44 + 7 −11	0	1.36
36038	07 25 36.87	−32 30 33.4	8.59	G	111.403 612 40	−32.509 264 26	3.31	−8.14	3.79	0.57	0.72	0.86	0.66	0.82	+ 3 + 1 − 2 +34 − 1 + 5 − 2 + 4 + 8 + 2	0	0.68
36039	07 25 38.19	−79 05 39.1	5.54	H	111.409 118 66	−79.094 202 65	6.99	−29.88	5.95	0.44	0.44	0.48	0.46	0.47	− 8 + 9 +17 + 1 + 2 +16 − 4 −19 − 7 −24	0	0.36
36040	07 25 38.58	−10 45 24.1	9.56	H	111.410 749 16	−10.756 701 89	1.96	−3.61	−0.50	1.30	1.04	1.61	1.42	1.13	+11 + 6 −19 −28 + 4 −25 − 2 −40 − 6 + 5	0	0.11
36041	07 25 38.90	+09 16 34.0	4.99	H	111.412 077 98	+09.276 118 35	3.30	−2.95	−8.65	0.80	0.47	0.88	0.81	0.53	−17 +40 −20 −28 −15 −25 −17 −20 +10 −16	0	0.90
36042	07 25 38.97	+07 33 39.1	8.00	H	111.412 361 87	+07.560 848 52	2.36	2.74	−0.74	0.86	0.54	0.97	0.94	0.61	− 1 +24 − 8 −32 − 5 − 8 − 6 −43 + 1 − 4	0	1.18
36043	07 25 40.61	−05 51 01.2	10.49	3 H	111.419 224 63	−05.850 337 41	−1.03	19.40	−6.06	1.88	1.59	3.11	3.15	2.65	+ 4 −11 −30 − 4 −10 −50 −38 +11 − 7 +17	9	3.12
36044	07 25 41.22	+35 19 19.4	8.74	G	111.421 760 53	+35.322 067 39	5.70	−9.90	−13.28	1.36	1.06	1.71	2.32	0.96	−19 +28 −62 +46 −32 +37 +21 −30 +35 +51	0	−1.00
36045	07 25 42.99	−31 44 19.4	6.32	H	111.429 106 52	−31.738 731 80	3.30	−8.83	4.62	0.36	0.47	0.58	0.42	0.54	+ 3 + 5 − 3 + 8 + 6 +14 + 6 −10 − 2 − 2	0	0.83
36046	07 25 43.68	+27 47 53.8	3.78	H	111.431 983 71	+27.798 285 61	25.90	−121.28	−84.43	0.95	0.67	0.91	1.40	0.62	+32 +26 −34 −42 −49 − 3 −42 −52 + 2 +61	0	0.89
36047 H	07 25 44.48	−33 54 12.8	8.93	H	111.435 349 92	−33.903 566 30 A	2.62	−27.01	17.22	1.91	2.32	1.86	1.43	1.88	−34 + 2 + 6 +10 + 0 +23 − 4 − 6 +20 −13	3	0.93
36048	07 25 45.18	+11 29 56.9	9.24	H	111.438 247 01	+11.499 133 11	−0.60	14.84	−18.05	1.50	0.99	1.67	1.93	1.20	−50 +40 −35 −37 +30 −40 +20 −38 − 2 −18	3	0.36
36049	07 25 45.33	+04 26 46.2	7.11	H	111.438 892 45	+04.446 156 58	6.03	−13.43	−98.35	0.76	0.42	0.82	0.75	0.46	+29 +33 + 2 −37 −18 −25 −20 −47 + 7 + 2	0	−0.70
36050	07 25 45.43	+36 59 05.6	10.21	H	111.439 283 31	+36.984 875 97	2.71	−8.50	−1.51	2.04	1.64	2.22	2.35	1.51	−20 +24 + 7 − 2 +19 +11 +15 −52 −18 −15	0	−0.40
36051	07 25 46.75	+69 27 17.6	8.90	H	111.444 809 16	+69.454 876 11	6.34	39.62	1.21	0.56	0.81	1.26	0.70	1.15	+19 +13 + 2 +39 −16 + 8 − 7 −31 + 7 +33	2	0.83
36052	07 25 48.63	−06 42 38.2	9.16	H	111.452 609 25	−06.710 605 74	0.66	−6.07	−1.71	1.22	0.79	1.33	1.59	1.07	+25 +10 −31 −50 −30 + 7 −28 −44 +30 +47	2	−0.57
36053	07 25 49.07	+33 34 02.2	8.68	H	111.454 466 91	+33.567 279 03	9.21	−1.97	−42.59	1.36	0.85	1.37	1.71	0.78	− 6 +29 −18 +22 −24 +12 −11 −22 + 1 +15	0	0.90
36054	07 25 50.05	+48 41 21.0	8.07	H	111.458 561 56	+48.689 173 45	2.34	−12.93	−27.82	0.84	0.70	1.04	1.16	0.79	−23 +17 −14 − 2 − 2 + 6 + 6 −44 + 5 − 5	0	−2.91
36055	07 25 51.20	−05 46 29.8	5.98	G	111.463 349 07	−05.774 953 77	1.72	−6.02	−2.92	0.73	0.47	0.83	0.82	0.52	+18 +32 − 3 − 8 − 7 − 3 − 1 −27 +14 +24	0	0.37
36056	07 25 51.97	+48 32 52.2	6.77	1 H	111.466 531 95	+48.547 832 87	5.22	−2.76	−27.50	0.69	0.56	0.89	0.89	0.59	−31 +34 −20 − 6 −11 − 1 + 1 −47 + 1 − 7	0	−1.06
36057	07 25 52.08	−38 46 42.2	8.57	H	111.467 012 61	−38.778 377 54	12.37	2.35	−110.04	0.60	0.70	0.80	0.65	0.78	+ 0 +11 − 2 + 7 −12 +13 −15 −13 − 4 −12	2	2.86
36058	07 25 53.00	−21 34 59.5	11.60	G	111.470 850 85	−21.583 195 97	16.08	78.65	−191.78	1.90	2.16	3.11	2.37	3.00	−14 − 1 −41 −17 − 6 + 5 − 5 − 3 − 7 −28	0	1.23
36059	07 25 53.03	+06 42 48.0	7.84	G	111.470 975 82	+06.713 328 63	10.73	−49.18	−28.01	0.88	0.50	0.93	0.82	0.52	+20 +24 − 5 −35 −16 −14 −18 −44 +11 − 8	2	−0.94
36060	07 25 54.13	+18 08 51.0	6.93	H	111.475 538 04	+18.147 502 24	1.45	0.91	−12.17	0.84	0.42	0.99	1.08	0.60	−26 +50 −16 −13 + 1 −32 − 3 −23 −21 +30	0	1.19
36061	07 25 54.38	−35 35 35.0	9.61	G	111.476 582 77	−35.593 057 45	2.66	−0.56	1.24	0.80	0.94	1.05	0.87	1.17	− 9 + 5 −13 +33 −18 +11 −19 +33 − 1 −14	4	2.04
∗36062	07 25 54.69	−09 58 05.6	8.94	H	111.477 871 63	−09.968 232 14	0.83	0.10	−6.95	1.22	0.92	1.35	1.31	0.95	−13 +33 + 4 −43 +24 − 9 +17 −53 −16 + 0	0	−0.81
∗36063	07 25 54.69	−68 44 13.2	9.13	H	111.477 854 31	−68.737 004 51	6.33	10.61	−35.55	0.76	0.72	0.79	0.90	0.78	− 9 +21 + 6 +14 − 8 − 7 − 4 +15 +18 −27	0	−0.40
36064	07 25 54.93	+48 30 44.4	8.31	H	111.478 875 00	+48.512 342 56	15.29	75.78	−7.67	1.01	0.84	1.27	1.33	0.93	−30 +23 −23 − 5 − 9 +15 + 2 −44 + 5 −14	0	1.00
36065	07 25 55.54	−26 22 10.6	10.10	H	111.481 433 49	−26.369 615 11	3.92	−4.99	−0.85	0.83	1.24	1.73	0.95	1.85	+20 − 5 −31 +33 − 2 + 7 + 2 + 4 −10 +29	0	0.43
36066	07 25 55.71	+32 51 40.2	7.55	H	111.482 136 80	+32.861 153 46	4.87	−25.70	−25.04	1.13	0.72	1.17	1.43	0.61	−14 +24 −27 +32 −14 + 4 + 1 −24 + 3 +15	0	1.28
36067	07 25 55.79	−13 48 06.5	8.73	H	111.482 472 21	−13.801 802 94	4.30	1.03	−12.03	0.73	0.67	1.27	0.94	0.80	+ 4 + 1 −24 + 5 +15 −38 + 8 −15 − 1 + 8	0	0.16
36068	07 25 56.10	−14 10 43.5	6.82	H	111.483 756 62	−14.178 755 70	3.61	−4.54	−3.49	0.53	0.50	0.80	0.60	0.56	− 4 +13 −24 − 7 +12 −27 + 7 −12 + 3 − 3	0	−0.52
36069	07 25 56.27	+73 51 03.1	7.60	H	111.484 450 43	+73.850 864 26	3.11	−14.95	−7.16	0.46	0.47	0.72	0.52	0.58	+ 7 +12 − 4 +10 − 4 + 8 − 2 − 4 + 8 +15	0	−1.35
36070	07 25 56.40	−10 43 04.8	9.10	G	111.485 014 38	−10.718 013 11	2.29	−6.34	2.89	1.17	0.89	1.42	1.21	0.95	− 1 + 0 −10 −35 +12 −20 +12 −44 − 9 + 6	0	0.03
36071	07 25 57.23	−02 14 54.1	6.99	G	111.488 443 30	−02.248 352 74	28.07	−15.83	−47.73	0.76	0.51	0.90	0.78	0.53	+14 +35 + 2 −18 −11 −11 − 7 −34 + 8 +12	0	0.84
36072	07 25 57.39	−12 00 16.1	8.42	H	111.489 110 65	−12.004 473 60	2.34	−1.27	−6.33	0.64	0.60	0.97	0.67	0.60	−33 +15 −13 + 9 +37 −15 +42 −30 + 3 −13	1	1.12
36073	07 25 59.21	+16 58 24.4	8.98	H	111.496 705 42	+16.973 442 21	4.95	−3.69	−3.99	1.20	0.71	1.25	1.11	0.80	−55 +50 −23 −35 +27 −19 +24 −48 − 4 −26	2	−0.85
36074	07 25 59.41	−42 06 28.9	7.41	H	111.497 544 47	−42.108 016 58	6.25	20.66	85.65	0.50	0.54	0.63	0.50	0.62	+ 4 + 1 + 8 − 3 −11 + 0 −13 − 3 −17 −13	0	0.85
36075	07 25 59.87	+42 09 59.6	7.95	G	111.499 443 65	+42.166 546 84	12.79	−72.50	−32.45	1.09	0.77	1.21	1.78	0.75	+ 1 +12 −39 +25 −15 +32 + 6 −22 +13 +29	0	0.35
36076 H	07 26 00.97	−46 00 50.3	9.04	H	111.504 036 74	−46.013 971 95 ∗	2.95	3.97	5.48	0.74	0.77	0.88	0.91	1.13	+ 1 +13 + 0 −10 − 4 − 3 − 3 −18 +19 − 8	0	1.67
36077	07 26 02.22	+14 06 00.0	9.39	H	111.509 237 18	+14.099 999 69 B	−1.66	−20.27	−8.36	11.74	6.73	8.10	9.14	5.52	−48 +41 −31 − 6 + 2 −12 + 8 −21 +11 −10	15	2.67
36078	07 26 02.42	+14 06 10.7	7.40	H	111.510 101 25	+14.102 963 68 A	1.20	−8.72	−7.39	1.67	0.99	1.44	1.47	0.95	−40 +41 −30 −12 + 2 −10 + 8 −26 +15 − 4	15	2.67
36079 H	07 26 03.11	−18 21 46.6	7.44	G	111.512 938 09	−18.362 956 28 A	4.79	−4.04	−5.13	0.91	0.88	1.16	0.88	1.05	−31 +16 −14 −33 +20 −18 +22 −18 + 5 −43	2	0.66
36080	07 26 03.39	−04 32 14.4	6.78	H	111.514 126 82	−04.537 333 98	6.21	−3.70	−16.76	0.79	0.52	0.90	0.95	0.61	−20 +33 −15 −25 +20 −13 +22 −36 +15 −13	0	0.30
36081	07 26 03.65	−15 39 56.4	6.88	H	111.515 210 81	−15.665 665 43	23.59	−64.75	−103.65	0.53	0.51	0.90	0.75	0.74	− 7 +28 −23 − 0 +12 −31 +12 − 5 +14 +13	1	1.04
36082	07 26 04.58	+05 34 48.7	7.05	H	111.519 077 10	+05.580 197 42	4.38	25.93	−40.08	0.74	0.43	0.84	0.78	0.47	+ 8 +26 − 9 −30 − 2 −11 − 2 −47 +15 − 7	2	0.29
36083	07 26 05.19	−26 47 25.3	7.42	H	111.521 617 68	−26.790 371 75	4.00	−14.68	16.93	0.47	0.70	0.95	0.59	0.95	+25 − 2 −21 +10 − 4 + 7 − 1 −14 − 6 +30	0	−1.51
36084	07 26 05.95	−48 10 04.3	7.88	H	111.524 811 13	−48.167 859 58	5.72	−23.02	−16.07	0.61	0.57	0.66	0.73	0.63	− 6 + 8 +16 − 7 −10 + 7 − 8 +15 − 1 −21	4	0.70
36085	07 26 06.15	−56 57 23.7	8.61	G	111.525 620 95	−56.956 579 58	9.73	−14.24	68.17	0.60	0.74	0.69	0.67	0.76	− 7 − 4 + 9 +26 − 9 + 2 −12 −10 +12 −15	0	0.48
36086	07 26 06.51	+21 53 28.3	9.22	1 T	111.527 132 62	+21.891 186 46	−1.84	−4.54	−7.71	1.42	1.10	1.67	1.67	1.12	−36 +35 −42 + 1 − 1 −22 − 7 − 5 + 5 −16	0	−1.16
36087	07 26 06.59	+31 53 48.0	7.08	G	111.527 456 71	+31.896 678 91	7.66	−8.18	2.74	1.07	0.64	1.03	1.46	0.61	+20 +24 − 4 +33 + 8 −12 + 3 −28 −24 +30	0	−0.54
36088	07 26 07.20	−25 15 26.5	9.81	3 H	111.530 005 00	−25.257 370 34	−0.37	−4.10	10.77	0.72	1.23	1.75	0.85	1.69	+34 − 4 −22 +21 + 9 − 8 +10 −12 − 8 +38	1	1.32
36089	07 26 07.36	−18 07 17.6	7.29	H	111.530 646 38	−18.121 565 15	3.54	−14.40	10.30	0.53	0.53	0.79	0.55	0.60	−17 +16 −12 −14 +16 −25 +16 −15 + 5 − 3	0	1.79
36090	07 26 07.36	−09 05 47.6	8.27	G	111.530 655 66	−09.096 559 55	−0.15	−3.17	1.61	0.82	0.64	0.97	1.04	0.72	+14 +14 − 7 −29 − 3 − 3 − 4 −36 − 5 +35	0	1.19
36091	07 26 09.08	+37 49 23.1	8.39	H	111.537 845 52	+37.823 087 64	1.26	−2.69	−1.07	1.51	1.05	1.60	1.63	1.01	−27 +56 −34 − 8 +25 − 5 +23 −40 + 9 − 5	0	0.53
36092	07 26 09.27	−30 16 33.0	8.62	H	111.538 640 27	−30.275 839 91	1.02	−5.12	4.70	0.60	0.71	0.96	0.75	0.80	+11 + 5 − 9 +20 − 2 +17 + 0 − 4 + 6 +12	0	0.35
36093	07 26 09.54	−10 32 56.7	8.34	2 H	111.539 739 83	−10.549 084 91	2.28	−1.15	2.21	1.05	0.79	1.18	0.98	0.79	−21 + 5 − 7 −45 +29 −12 +29 −49 −17 − 1	0	−0.69
36094	07 26 09.89	−76 40 11.1	9.38	H	111.541 196 49	−76.669 749 92	6.70	−49.22	−6.94	0.86	0.78	0.86	1.05	0.97	+ 8 +24 − 6 −24 − 5 −13 − 5 −19 − 1 − 2	1	1.04
36095	07 26 10.96	+55 31 02.3	8.20	H	111.545 687 11	+55.517 316 39	2.24	−4.96	−1.18	0.77	0.62	1.08	1.11	0.95	+ 1 +16 + 5 +18 −23 + 4 −28 − 7 + 4 −20	0	3.37
36096	07 26 11.15	−26 14 10.1	8.89	G	111.546 442 88	−26.236 132 73	−0.49	−2.65	5.62	0.53	0.84	1.22	0.65	1.29	+26 − 6 −16 +27 + 2 +11 +10 − 7 +11 +44	0	−1.25
36097	07 26 11.53	−75 35 24.8	7.63	H	111.548 046 82	−75.590 227 04	3.32	12.56	9.88	0.56	0.53	0.58	0.56	0.58	− 6 +18 +13 + 3 − 9 − 2 − 9 + 5 − 3 −19	0	−1.01
36098 H	07 26 11.64	−20 24 09.6	7.88	H	111.548 489 18	−20.402 680 08 A	5.06	−4.92	4.03	1.92	2.18	2.11	2.06	2.63	−48 + 3 − 6 −18 + 3 − 9 + 8 + 3 − 2 −71	1	0.69
36099 H	07 26 11.97	+14 50 25.3	8.15	H	111.549 893 35	+14.840 348 98 A	5.43	−12.72	0.11	2.79	1.60	2.50	2.24	1.47	−33 +23 −10 − 1 − 7 −28 − 7 − 3 +28 −17	6	2.21
36100	07 26 12.97	+78 02 42.8	7.51	H	111.554 052 94	+78.045 224 02	8.25	−1.93	−51.38	0.49	0.55	0.70	0.54	0.67	+ 8 +22 + 5 + 6 − 4 + 3 − 1 + 3 +13 +10	2	0.29

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
36001	10.611	0.035	9.220	0.019		1.176	0.031	T	1.14	0.03	L	9.2672	0.0019	0.021	117		9.24	9.30		C			1							
36002	7.734	0.005	7.644	0.006		0.088	0.007	T	0.10	0.01	L	7.6633	0.0011	0.015	222		7.64	7.69					1							S
36003	9.808	0.022	8.370	0.012		1.213	0.020	T	1.17	0.02	L	8.4081	0.0024	0.017	103		8.38	8.43					1							
36004	11.905	0.171	8.904	0.020		2.290	0.015	G	2.28	0.01	J	8.7073	0.0130	0.068	73		8.56	8.82		U 2			1							
36005	9.384	0.021	8.945	0.022		0.414	0.028	T	0.48	0.03	L	8.9635	0.0026	0.016	74		8.94	8.99		C			1							
36006	8.779	0.013	8.690	0.017		0.087	0.020	T	0.10	0.02	L	8.7011	0.0014	0.013	81		8.68	8.73					1							
36007											T	8.5969	0.0012	0.019	112		8.57	8.67		U 2	07253−4615	I 1		S						S G
36008	9.964	0.024	9.607	0.026		0.347	0.031	T	0.41	0.04	L	9.6679	0.0032	0.025	118		9.63	9.71					1							
36009	7.675	0.006	7.830	0.009	A	−0.144	0.015	G	−0.14	0.02	H	7.8393	0.0041	0.020	177	A	7.81	7.87		U	07253−2811	H 1	2 C	A	AB	226	11.221	0.009	2.44	0.04	S
36010	9.467	0.012	9.461	0.017		0.010	0.019	T	0.03	0.02	L	9.4876	0.0017	0.025	233		9.45	9.53		U			1							G
36011	10.612	0.058	10.012	0.052		0.560	0.068	T	0.63	0.06	L	10.0672	0.0042	0.020	45		10.02	10.13		C			1							G
36012	10.075	0.028	8.049	0.011		1.678	0.024	T	1.70	0.03	L	7.9501	0.0019	0.017	92		7.92	7.98					1							
36013	9.319	0.012	9.443	0.018	A	0.200	0.495	G	−0.07	0.07	L *	9.3458	0.0031	0.030	163	*	9.30	9.40		D	07253−2738	I 1	2 C	A	AB	36	1.696	0.011	1.82	0.05	G
36014	8.393	0.010	7.743	0.010		0.603	0.012	T	0.67	0.01	L	7.8167	0.0013	0.015	132		7.80	7.84			07254+5633	I 2	1							S
36015	8.072	0.008	7.628	0.009		0.446	0.015	G	0.52	0.02	H	7.6766	0.0009	0.011	137		7.66	7.69					1							S
36016	9.910	0.033	9.421	0.033		0.455	0.015	G	0.52	0.02	H	9.4407	0.0021	0.022	121		9.41	9.49		U			1							G
36017	6.321	0.004	6.069	0.003		0.227	0.003	G	0.25	0.00	H	6.1072	0.0007	0.008	102		6.09	6.12			07253−2159	I 1	1							S
36018	10.197	0.033	9.501	0.027		0.642	0.035	T	0.71	0.03	L	9.5585	0.0023	0.019	95		9.53	9.60		C			1							
36019	6.245	0.003	6.284	0.004		−0.031	0.005	T	−0.01	0.01	L	6.2941	0.0007	0.008	141		6.28	6.31					1							S
36020	10.135	0.027	8.901	0.016		1.054	0.025	T	1.02	0.02	L	8.9365	0.0017	0.015	106		8.91	8.97					1							
36021	10.377	0.028	8.894	0.014		1.249	0.025	T	1.21	0.03	L	8.9183	0.0014	0.013	133		8.90	8.95		C			1							
36022	8.655	0.009	8.134	0.009	*	0.541	0.015	G	0.61	0.02	H *	8.1459	0.0015	0.013	126	*	8.13	8.18		D	07254+8544	I 1	2 C	A	AB	198	0.849	0.006	1.80	0.02	S
36023	9.658	0.025	9.653	0.035		0.009	0.040	T	0.03	0.04	L	9.5966	0.0022	0.018	95		9.56	9.64		C			1							G
36024	5.651	0.002	5.770	0.002		−0.103	0.003	T	−0.09	0.00	L	5.7594	0.0005	0.007	268		5.75	5.77		M			1							S
36025	8.823	0.010	7.361	0.006		1.232	0.009	T	1.19	0.01	L	7.3899	0.0011	0.012	149		7.37	7.41		C			1							S
36026	9.663	0.022	7.731	0.010		1.526	0.015	G	1.57	0.02	H	7.6453	0.0018	0.015	128		7.62	7.67		U 2	07254+5633	I 2	1							S
36027	10.280	0.038	9.054	0.023		1.047	0.035	T	1.02	0.03	L	9.1281	0.0028	0.021	79		9.09	9.17		C			1							
36028	10.085	0.027	8.123	0.010		1.627	0.023	T	1.65	0.02	L	8.0468	0.0034	0.024	140		8.01	8.09		U 2			1							
36029	9.611	0.015	8.135	0.008		1.243	0.013	T	1.20	0.01	L	8.1471	0.0016	0.017	140		8.13	8.18		C			1							S
36030	10.277	0.035	8.545	0.015		1.445	0.030	T	1.44	0.05	L	8.5451	0.0016	0.011	79		8.52	8.56		C			1							
36031	8.614	0.010	8.528	0.012		0.084	0.015	T	0.10	0.02	L	8.5662	0.0012	0.012	133		8.55	8.60		C			1							
36032	10.251	0.044	9.702	0.042		0.514	0.054	T	0.59	0.06	L	9.7874	0.0018	0.018	44		9.75	9.82		D			1							
36033	10.485	0.035	9.015	0.018		1.238	0.031	T	1.20	0.03	L	9.0462	0.0014	0.014	110		9.02	9.07		C			1							
36034	8.847	0.012	7.029	0.006		1.513	0.011	T	1.55	0.02	L	7.0209	0.0013	0.012	127		7.00	7.04		M			1							S
36035	7.252	0.010	6.902	0.009	*	0.332	0.012	T	0.39	0.02	L *	7.0001	0.0014	0.008	45	*	6.99	7.03		D	07256+2030	I 1	2 C	A	AB	45	6.727	0.004	0.87	0.01	S
36036	10.254	0.030	9.092	0.018	*	0.997	0.027	T	0.98	0.02	L *	9.1427	0.0025	0.018	96	*	9.11	9.17			07256−6304	H 1	2 C	D	AB	44	0.854	0.095	4.16	0.35	D
36037						1.411	0.007	G	1.54	0.15	K	11.0992	0.0047	0.044	103		11.03	11.17		C			1							G
36038	8.509	0.009	8.570	0.012		−0.075	0.001	G	−0.05	0.00	H	8.5890	0.0016	0.018	147		8.55	8.62		C			1							
36039	7.189	0.004	5.672	0.002		1.281	0.006	G	1.31	0.04	E	5.6880	0.0006	0.006	132		5.68	5.70		C			1							S
36040	9.507	0.023	9.528	0.032		−0.015	0.036	T	0.01	0.03	L	9.5625	0.0048	0.035	73		9.52	9.62					1							G
36041	6.282	0.003	5.104	0.003		0.991	0.045	G	0.96	0.02	A	5.1588	0.0004	0.005	74		5.15	5.17		D			1							S
36042	9.279	0.018	8.082	0.011		1.025	0.016	T	1.00	0.01	L	8.1632	0.0013	0.012	104		8.14	8.18		C			1							
36043	10.237	0.057	9.165	0.039		1.500	0.510	G	4.27	0.98	Q	9.8037	0.1027	1.566	52		7.29	11.51	322.30	P 1 B			1	S						G P
36044	9.257	0.019	8.758	0.018		0.430	0.015	G	0.50	0.02	H	8.8330	0.0031	0.018	56		8.79	8.86					1							
36045	6.082	0.003	6.278	0.004		−0.176	0.003	G	−0.18	0.00	H	6.2521	0.0008	0.008	144		6.24	6.27					1							S
36046	5.101	0.004	3.901	0.003		1.024	0.001	G	1.01	0.03	G	3.9507	0.0007	0.004	40		3.95	3.96					1							S
36047	9.890	0.020	9.034	0.015	*	0.751	0.019	T	0.79	0.01	L *	9.0701	0.0020	0.021	134	*	9.03	9.11		D	07257−3354	I 1	2 C	A	AB	154	0.393	0.007	1.09	0.05	
36048	10.595	0.065	9.382	0.038		1.037	0.059	T	1.01	0.05	L	9.4028	0.0025	0.017	77		9.37	9.44		C			1							
36049	8.534	0.010	7.235	0.006		1.104	0.009	T	1.07	0.01	L	7.2805	0.0007	0.008	140		7.27	7.29		C			1							
36050	10.843	0.068	10.326	0.065		0.486	0.085	T	0.56	0.09	L	10.3140	0.0070	0.031	42		10.27	10.36					1							G
36051	9.477	0.010	8.946	0.010		0.498	0.013	T	0.57	0.01	L	9.0090	0.0016	0.021	245		8.97	9.05		C			1							
36052	9.112	0.016	9.130	0.021		−0.012	0.024	T	0.01	0.02	L	9.1667	0.0021	0.016	68		9.13	9.19		C			1							
36053	9.395	0.029	8.729	0.026		0.617	0.033	T	0.69	0.03	L	8.8094	0.0027	0.013	46		8.78	8.83		C			1							
36054	9.416	0.019	8.192	0.012		1.046	0.018	T	1.02	0.01	L	8.2359	0.0015	0.014	96		8.20	8.26					1							S
36055	7.145	0.006	6.075	0.004		0.901	0.046	G	0.89	0.02	A	6.1445	0.0010	0.006	82		6.13	6.15		C			1							S
36056	6.698	0.005	6.764	0.006		−0.047	0.002	G	−0.03	0.00	H	6.7606	0.0008	0.008	95		6.75	6.80		U 2			1							S
36057	9.085	0.012	8.613	0.012		0.457	0.013	T	0.53	0.01	L	8.6770	0.0014	0.016	121		8.65	8.70		C			1							
36058						1.075	0.006	G	1.14	0.01	I	11.7667	0.0060	0.059	95		11.63	11.86					1							G
36059	8.186	0.009	7.865	0.008		0.331	0.015	G	0.39	0.02	H	7.9122	0.0012	0.013	127		7.89	7.94					1							S
36060	8.071	0.008	7.043	0.006		0.895	0.007	T	0.90	0.01	L	7.0858	0.0010	0.008	103		7.07	7.10			07259+1809	I 1	1							S
36061	9.819	0.019	9.557	0.022		0.176	0.005	G	0.19	0.01	H	9.6534	0.0026	0.022	134		9.61	9.69		C			1							G
36062	9.007	0.016	8.933	0.019		0.073	0.023	T	0.08	0.03	L	8.9751	0.0026	0.018	72		8.95	9.01		C			1							
36063	10.242	0.027	9.213	0.019		0.896	0.025	T	0.90	0.02	L	9.2865	0.0020	0.018	109		9.26	9.32		C			1							
36064	9.236	0.016	8.402	0.013		0.750	0.016	T	0.79	0.01	L	8.4604	0.0024	0.020	101		8.44	8.50					1							S
36065	9.996	0.019	10.087	0.029		−0.078	0.031	T	−0.06	0.04	L	10.0846	0.0027	0.035	204		10.02	10.16					1							G
36066	7.679	0.010	7.552	0.011		0.123	0.014	T	0.14	0.01	L	7.5931	0.0018	0.010	52		7.58	7.61					1							S
36067	8.952	0.012	8.740	0.014		0.202	0.017	T	0.22	0.02	L	8.7911	0.0021	0.015	97		8.77	8.81					1							
36068	6.846	0.006	6.818	0.007		0.031	0.009	T	0.05	0.01	L	6.8343	0.0012	0.009	97		6.82	6.85					1							S
36069	7.598	0.005	7.597	0.008		0.006	0.009	T	0.03	0.01	L	7.6102	0.0013	0.012	162		7.59	7.63					1							S
36070	8.996	0.039	8.949	0.048		0.000	0.015	G	0.02	0.01	H	9.0977	0.0036	0.019	78		9.07	9.13					1							
36071	7.656	0.007	7.036	0.007		0.568	0.015	G	0.64	0.01	H	7.1062	0.0009	0.009	95		7.09	7.13		C			1							S
36072	8.420	0.007	8.406	0.009		0.018	0.011	T	0.04	0.01	L	8.4313	0.0014	0.013	140		8.41	8.45		C			1							
36073	9.161	0.015	8.987	0.018		0.167	0.022	T	0.18	0.02	L	9.0344	0.0013	0.014	99		9.02	9.06		C			1							
36074	9.030	0.013	7.541	0.007		1.253	0.012	T	1.21	0.01	L	7.5750	0.0009	0.012	136		7.56	7.60			07260−4206	I 1	1							S
36075	8.432	0.011	8.000	0.015		0.440	0.015	G	0.51	0.02	H	8.0452	0.0010	0.009	52		8.03	8.07		D			1							S
36076	9.228	0.015	9.040	0.018	*	0.173	0.022	T	0.19	0.02	L *	9.0972	0.0020	0.015	103	*	9.06	9.13			07260−4601	I 1	2 C S	A	AS	203	0.138	0.014	0.76	0.70	
36077	9.430	0.020	9.371	0.026	B	0.059	0.031	T	0.07	0.02	L	9.4686	0.0183			B				D	07260+1406	I 2	1 C I	A							
36078	7.276	0.006	7.375	0.008	A	−0.085	0.009	T	−0.07	0.01	L	7.3810	0.0028	0.011	106	A	7.37	7.42		D	07260+1406	I 2	1 C P	A						S
36079	7.478	0.007	7.396	0.009	*	0.062	0.015	G	0.07	0.02	H *	7.4674	0.0011	0.010	125	*	7.45	7.49		D	07261−1822	I 1	2 C	A	AB	75	4.943	0.010	2.45	0.05	S
36080	6.755	0.006	6.770	0.006		−0.008	0.002	G	0.01	0.00	H	6.7807	0.0008	0.006	84		6.77	6.79		C			1							S
36081	7.629	0.005	6.945	0.005		0.620	0.005	T	0.69	0.00	L	7.0142	0.0008	0.011	158		7.00	7.03					1 G							S
36082	8.372	0.011	7.157	0.007		1.039	0.010	T	1.01	0.01	L	7.2200	0.0008	0.007	119		7.20	7.23		C			1							S
36083	9.284	0.011	7.589	0.006		1.416	0.010	T	1.40	0.02	L	7.5619	0.0016	0.016	191		7.54	7.59					1							
36084	9.225	0.014	7.988	0.009		1.056	0.013	T	1.02	0.01	L	8.0423	0.0015	0.011	118		8.02	8.07					1							
36085	9.213	0.014	8.640	0.013		0.539	0.014	T	0.61	0.01	L	8.7215	0.0020	0.015	118		8.70	8.75					1							
36086	11.076	0.077	9.380	0.030		1.520	0.015	G	1.49	0.01	J	9.5099	0.0042	0.031	63		9.46	9.63		U			1							
36087	7.105	0.007	7.075	0.008		0.026	0.002	G	0.04	0.00	H	7.0906	0.0012	0.008	53		7.08	7.10		C			1							S
36088	11.311	0.044	9.960	0.021		1.145	0.038	T	1.11	0.03	L	9.9762	0.0163	0.242	256		9.58	10.43	12.36	P 1 A			1	S						G
36089	7.240	0.007	7.283	0.009		−0.020	0.015	G	0.00	0.01	H	7.2900	0.0012	0.010	118		7.27	7.31					1							S
36090	8.166	0.009	8.249	0.012		−0.031	0.002	G	−0.01	0.00	H	8.2576	0.0016	0.013	82		8.24	8.28		C			1							
36091	9.566	0.029	8.482	0.020		0.927	0.007	G	0.92	0.01	R	8.5505	0.0024	0.013	44		8.52	8.57			07262+3749	I 1	1	S						
36092	8.506	0.008	8.598	0.011		−0.079	0.012	T	−0.06	0.01	L	8.6039	0.0017	0.018	157		8.57	8.63		C			1							
36093	8.458	0.012	8.356	0.014		0.099	0.017	T	0.11	0.02	L	8.3824	0.0048	0.035	79		8.33	8.44	4.34	P 1 A			1							P
36094	9.968	0.024	9.461	0.023		0.487	0.025	T	0.56	0.03	L	9.4906	0.0018	0.017	102		9.46	9.52		C			1							
36095	8.288	0.008	8.213	0.010		0.074	0.012	T	0.09	0.01	L	8.2343	0.0019	0.015	110		8.20	8.26					1							S
36096	8.705	0.008	8.841	0.011		−0.140	0.015	G	−0.13	0.02	H	8.8498	0.0016	0.018	207		8.82	8.88					1							
36097	9.232	0.014	7.757	0.008		1.242	0.013	T	1.20	0.01	L	7.7917	0.0012	0.011	115		7.78	7.81		C			1							S
36098	8.364	0.013	7.946	0.012	*	0.395	0.017	T	0.46	0.02	L *	7.9712	0.0012	0.012	117	*	7.95	7.99		D	07262−2024	I 1	2 C	A	AB	137	0.515	0.003	0.24	0.02	S
36099	8.319	0.018	8.163	0.022	*	0.150	0.026	T	0.17	0.03	L *	8.2037	0.0016	0.013	107	*	8.18	8.24		D	07262+1450	I 1	2 C	A	AB	7	7.221	0.003	0.06	0.01	S
36100	7.631	0.006	7.515	0.007		0.112	0.009	T	0.13	0.01	L	7.5518	0.0012	0.014	152		7.53	7.57					1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
36101		07 26 13.37	−20 54 22.6	7.18		H	111.555 700 94	−20.906 272 99		0.81	−1.63	2.87	0.55	0.61	0.90	0.66	0.89	−14	+26	−24	−8	+5	−16	+1	+4	−4	−12	3	0.16
36102		07 26 13.55	−33 56 30.9	12.04		G	111.556 464 09	−33.941 906 70		29.35	−234.32	303.11	2.01	2.08	2.74	2.35	2.63	+11	+6	+2	−1	−9	+3	−9	−16	+10	+10	0	−2.26
36103		07 26 14.45	+82 17 47.8	9.66		H	111.560 198 26	+82.296 610 15		8.70	−24.08	16.14	0.77	0.74	0.95	0.89	0.95	+14	+29	+16	−1	+2	+2	+0	+11	+1	+22	0	1.27
36104		07 26 14.88	−49 25 20.2	9.06		H	111.562 007 78	−49.422 277 52		10.96	23.31	1.19	0.74	0.80	0.88	0.90	1.06	+7	+9	+0	+9	−4	−4	−6	+13	−20	−1	2	−0.39
36105		07 26 16.63	+34 11 01.0	8.44		H	111.569 295 98	+34.183 599 87		2.15	−2.87	−3.84	1.22	0.80	1.31	1.40	0.71	−13	+40	−35	+27	−3	+0	+6	−16	+8	+16	0	0.50
36106		07 26 16.77	−37 38 26.9	9.94		H	111.569 884 07	−37.640 802 15		6.67	−10.61	−5.17	0.90	1.08	1.21	1.00	1.38	−20	−8	+3	−22	+20	+8	+19	−44	−14	−33	1	0.59
36107		07 26 17.65	+16 49 29.9	8.47		H	111.573 534 98	+16.824 969 98		1.78	0.70	−5.58	1.07	0.64	1.15	1.01	0.73	−44	+48	−15	−35	+19	−18	+10	−42	−14	−20	2	−1.24
36108	H	07 26 17.70	−49 40 50.7	9.86		H	111.573 766 03	−49.680 741 01	A	8.50	−16.56	0.58	1.89	2.06	1.87	1.94	2.32	+12	+7	+5	+23	+8	−3	+7	+15	−7	−3	1	0.11
36109		07 26 17.76	+69 29 16.4	10.95		H																							
36110		07 26 18.31	+25 57 16.4	8.37	2	H	111.576 276 84	+25.954 543 86		2.92	−2.40	−13.06	1.01	0.78	1.12	1.18	0.75	−29	+21	−31	−10	−13	+9	−3	−26	+17	−7	0	−0.18
36111		07 26 19.82	+29 58 08.2	9.39		H	111.582 585 10	+29.968 956 97		1.36	−1.36	−10.56	1.48	1.07	1.75	1.60	0.97	−31	+46	−44	−4	+14	−17	+5	−26	−5	−5	0	2.12
36112		07 26 21.29	+37 01 00.9	9.15	2	H	111.588 711 92	+37.016 920 31		0.36	13.60	−12.07	1.40	0.98	1.49	1.56	1.07	−8	+42	−15	−7	+9	+7	+12	−32	+7	+4	0	0.01
36113		07 26 21.71	+69 29 01.4	8.05		G	111.590 450 08	+69.483 713 25		3.30	−15.71	−27.25	2.42	3.52	4.97	2.75	4.50	+22	+5	+9	+3	−21	+1	−24	−39	+0	+20	0	
36114		07 26 21.86	−51 01 06.6	5.09		G	111.591 065 37	−51.018 495 97		5.80	−5.50	6.09	0.41	0.43	0.47	0.49	0.49	+4	+14	+12	−1	+1	+2	+0	−9	+1	−13	0	−1.30
36115		07 26 22.16	−35 10 36.3	7.42		H	111.592 328 65	−35.176 751 94		5.87	−38.11	41.05	0.50	0.56	0.70	0.57	0.70	+5	+7	−11	−2	−7	−14	−10	−6	+4	−2	0	1.26
36116		07 26 22.27	+80 13 51.3	10.26		H	111.592 794 62	+80.230 911 16		2.95	18.43	19.66	1.03	1.16	1.43	1.02	1.25	+7	−3	+6	+4	+12	+12	+13	+5	−1	+13	0	−0.50
36117		07 26 24.17	+65 03 22.3	8.96		H	111.600 692 70	+65.056 206 98		1.59	−4.54	−5.03	0.77	0.69	1.14	0.97	1.05	+27	+31	+18	−21	−22	−12	−16	−50	−5	+37	0	0.44
36118		07 26 24.47	−27 58 12.2	10.35		G	111.601 946 10	−27.970 053 13		2.44	−2.04	5.40	1.02	1.46	1.98	1.17	1.66	+11	−2	−11	+24	+4	−23	+0	+11	−3	−3	2	1.92
36119		07 26 24.83	−52 32 55.5	9.81	2	H	111.603 461 91	−52.548 750 05		14.46	−8.28	40.18	1.06	1.13	1.20	1.27	1.41	−2	+12	−2	−8	−2	−4	−3	−17	+11	−17	0	−0.58
36120		07 26 25.30	−10 05 22.2	6.97		H	111.605 436 30	−10.089 491 47		5.26	−9.38	−4.11	0.85	0.58	0.93	0.80	0.58	−18	+33	−3	−39	+32	−19	+29	−45	−10	+5	0	0.97
36121		07 26 26.53	−15 46 12.3	9.21		H	111.610 559 82	−15.770 092 19		38.92	46.50	−97.05	0.81	0.74	1.38	1.11	1.10	−15	+42	−20	+26	+23	−1	+36	+10	+29	+31	4	1.33
36122		07 26 27.35	+18 31 01.1	7.26	1	G	111.613 947 77	+18.516 963 64		6.29	−16.53	−19.11	0.87	0.45	1.01	1.07	0.57	−30	+49	−16	−12	−3	−28	−1	−24	−8	+20	0	0.27
36123		07 26 27.81	+10 36 29.0	6.38		H	111.615 866 07	+10.608 066 26		10.33	−35.90	0.21	0.94	0.58	1.00	0.86	0.52	−3	+31	−38	−43	−20	−11	−16	−45	+24	+0	0	0.40
36124		07 26 27.91	−42 00 17.0	8.35		H	111.616 293 44	−42.004 715 82		5.56	−11.13	1.58	0.55	0.60	0.68	0.56	0.69	+3	+6	+11	−4	−10	−2	−10	+4	−11	−11	0	0.88
36125		07 26 28.25	−25 55 36.4	9.39	2	T	111.617 695 70	−25.926 791 24		1.58	−2.09	2.70	0.62	1.17	1.65	0.70	1.60	+27	−11	−35	+34	+7	+4	+15	+0	−3	+37	0	−0.09
36126		07 26 28.80	−10 56 37.0	8.96		H	111.620 009 28	−10.943 598 05		1.44	−6.28	−0.89	1.08	0.86	1.34	1.11	0.83	+6	+8	−20	−37	+3	−24	−2	−45	+6	+1	0	−0.45
36127		07 26 28.87	−52 00 43.4	8.61		H	111.620 279 75	−52.012 059 52		4.67	−11.48	−5.01	0.75	0.80	0.85	0.86	0.99	−6	+22	+8	−29	+2	−20	+7	−23	+17	−30	0	−0.14
36128		07 26 31.18	−19 59 57.4	8.59		H	111.629 925 70	−19.999 288 82		0.67	−3.53	1.19	0.76	0.85	1.16	0.97	1.18	−43	+12	−11	−25	+14	−18	+14	−11	+7	−50	0	0.12
36129		07 26 31.34	+60 32 47.9	8.64		H	111.630 568 93	+60.546 635 38		24.63	−145.92	−476.26	0.85	0.68	1.12	0.90	0.89	+26	+23	+10	+37	+30	+3	+29	+12	+4	+6	0	0.05
36130		07 26 34.17	−00 28 10.1	7.02		G	111.642 358 75	−00.469 485 94		6.44	−21.22	−10.18	0.82	0.46	0.98	0.70	0.45	+4	+55	−19	−16	−14	−17	−9	−32	+10	+11	2	1.71
36131		07 26 34.85	−04 24 09.3	8.90		G	111.645 204 60	−04.402 576 80		2.68	−7.66	2.41	1.09	0.80	1.27	1.32	0.94	−19	+23	−4	−34	+15	−3	+16	−42	+8	−11	0	−0.50
36132	H	07 26 35.11	+73 04 57.5	7.35		G	111.646 281 60	+73.082 635 47	A	8.84	19.77	15.95	0.80	0.83	1.16	0.74	0.96	+5	+4	−5	−6	−7	−1	+1	−19	+2	+28	1	0.29
36133		07 26 35.31	−60 59 39.8	8.80		H	111.647 127 50	−60.994 394 21		4.29	−17.33	12.08	0.69	0.70	0.73	0.71	0.72	−2	+12	+6	+18	−3	+12	−8	−16	+6	−17	0	0.52
36134		07 26 35.83	−13 11 20.3	6.93		G	111.649 282 74	−13.188 978 94		2.41	−6.48	−1.32	0.61	0.54	0.89	0.71	0.59	−4	+18	−11	+14	+25	−3	+31	−20	+3	+22	4	−0.76
36135		07 26 38.39	+19 18 15.9	8.89		H	111.659 969 63	+19.304 413 27		1.25	8.55	−4.94	1.25	0.73	1.38	1.61	0.94	−20	+11	+2	−22	−14	−12	−13	−30	−11	+7	0	0.59
36136		07 26 38.76	−23 04 55.4	7.41		H	111.661 515 25	−23.082 059 50		5.39	−5.42	4.43	0.59	0.67	0.90	0.69	0.98	−25	+18	−29	−25	+23	−9	+22	+1	−20	−22	0	0.24
*36137		07 26 39.07	−04 19 06.3	7.59		H	111.662 778 22	−04.318 421 93		2.14	−2.88	1.71	0.87	0.63	1.03	1.05	0.74	−15	+20	+0	−28	+14	−5	+16	−41	+10	−7	2	−1.46
*36138		07 26 39.05	−69 34 35.3	7.78		H	111.662 703 64	−69.576 462 46		9.59	−98.65	28.09	0.56	0.56	0.58	0.57	0.60	−15	+22	+2	+8	−17	+6	−17	+25	−3	−21	3	1.48
36139	H	07 26 39.62	+31 37 12.2	7.14		G	111.665 065 00	+31.620 060 61	A	4.80	−22.82	−25.36	1.79	1.18	1.61	2.02	1.10	−9	+20	−14	+4	+4	+16	+10	−25	+18	−17	0	0.66
36140		07 26 40.69	−23 42 45.4	6.62		H	111.669 544 91	−23.712 624 89		4.10	−11.85	4.69	0.52	0.57	0.77	0.61	0.77	−21	+20	−30	−11	+3	−12	−2	+10	−19	−25	0	−0.97
36141		07 26 41.22	+11 00 31.9	6.39		G	111.671 737 33	+11.008 858 07		2.58	−5.49	−10.39	0.90	0.53	1.02	0.95	0.53	−33	+48	−32	−42	+11	−41	+0	−36	+1	−6	0	0.23
36142		07 26 42.27	+73 05 01.0	7.82		G	111.676 138 95	+73.083 601 57		8.94	22.27	18.56	0.55	0.56	0.91	0.57	0.77	+10	+6	+0	+8	−2	+9	−3	+4	+9	+24	0	1.75
36143		07 26 42.47	−34 08 26.5	5.90		G	111.676 964 53	−34.140 707 92		3.35	−8.10	6.36	0.41	0.45	0.58	0.45	0.53	+7	−1	−27	−1	−14	+6	−14	−15	+16	+6	0	0.47
36144	H	07 26 42.63	+71 43 46.9	9.46		G	111.677 612 37	+71.729 705 08	A	2.38	1.91	−2.16	1.64	1.82	2.52	1.65	2.08	−1	+20	−6	+29	−9	+24	−5	+6	+6	+8	0	2.02
36145		07 26 42.86	+49 12 41.9	4.61		H	111.678 587 26	+49.211 644 89		13.11	−10.79	−48.57	0.64	0.58	0.79	0.88	0.63	−37	+5	+11	−26	+19	+19	+21	−60	−24	−27	0	−0.22
36146		07 26 43.61	−55 14 39.5	8.26		H	111.681 687 58	−55.244 308 09		4.90	−13.47	10.42	0.64	0.58	0.66	0.79	0.58	−10	+14	+12	+20	−9	+17	−13	−6	+3	−27	0	2.25
36147		07 26 46.14	+44 28 43.3	7.78		H	111.692 250 95	+44.478 703 34		2.98	−2.44	−27.28	0.97	0.52	1.04	1.13	0.62	−25	+48	−11	+16	−10	−10	+2	−32	−5	+7	0	−0.33
36148		07 26 46.17	−05 52 08.2	7.40		H	111.692 372 94	−05.868 932 66		0.77	−6.72	13.09	0.85	0.59	0.97	1.12	0.70	+22	+24	−15	−7	+1	−5	+4	−17	+6	+51	0	0.53
36149	H	07 26 46.35	+64 56 48.6	8.20		H	111.693 128 46	+64.946 825 23	A	4.02	−6.38	7.76	1.40	1.33	1.91	1.35	1.70	+5	+11	+2	+2	+1	+12	+26	−36	+23	+62	0	0.67
36150		07 26 47.59	−05 13 01.7	8.22		H	111.698 308 56	−05.217 146 25		2.09	1.99	−2.67	0.90	0.67	1.10	1.12	0.80	−6	+25	−3	−15	+7	+0	+8	−23	+4	+10	0	0.49
36151		07 26 50.23	−08 31 20.3	8.75		H	111.709 303 82	−08.522 293 80		0.12	−4.38	−3.53	1.00	0.77	1.19	1.31	0.87	+33	+6	−25	−29	−28	−3	−26	−39	+16	+50	0	0.96
36152		07 26 50.45	+21 32 08.6	6.54		H	111.710 203 87	+21.535 710 74		32.43	−312.96	−27.00	0.82	0.54	0.91	0.84	0.53	−20	+47	−30	+4	−6	−10	−7	−13	+1	−4	0	0.94
36153	H	07 26 53.92	+13 34 20.9	11.92		G	111.724 682 96	+13.572 478 24	*	1.97	−17.94	−8.12	12.33	8.32	5.11	4.72	2.49	−74	+23	−9	−11	−3	−15	+0	−12	+17	+22	2	−1.59
36154		07 26 55.81	−45 42 49.8	8.42	1	H	111.732 531 14	−45.713 843 43		8.93	−20.01	27.85	0.64	0.66	0.76	0.79	0.90	+9	+14	+0	+11	−2	+3	−1	+13	+5	+13	1	−0.08
36155		07 26 56.26	−65 35 51.2	7.84		H	111.734 412 11	−65.597 563 03		3.61	−8.69	11.58	0.56	0.58	0.62	0.48	0.65	−3	−2	+6	−29	−13	−1	−15	−11	+11	−23	2	1.12
36156		07 26 56.33	+20 15 27.3	5.94		H	111.734 704 21	+20.257 581 99		8.04	2.26	−10.36	0.91	0.56	1.04	0.88	0.58	−39	+48	−34	+2	−7	−14	+2	−20	+24	−24	0	2.42
36157		07 26 57.08	+31 45 03.1	8.27		G	111.737 841 43	+31.750 855 96		0.98	1.93	−5.90	1.24	0.82	1.29	1.64	0.80	−6	+34	−6	+24	+6	−1	+8	−27	−4	+10	0	0.55
36158		07 26 57.18	+59 09 06.5	7.74		H	111.738 240 64	+59.151 799 70		2.14	−20.61	−19.85	0.72	0.60	1.04	0.87	0.83	+5	+27	+18	+36	+13	+12	+5	−1	+8	−26	0	−1.94
36159		07 26 57.56	+75 36 44.1	7.39	1	H	111.739 848 75	+75.612 237 41		4.13	2.84	−12.33	0.49	0.51	0.73	0.62	0.66	+8	+14	+5	+13	−4	+4	−1	−1	+9	+20	0	−0.70
36160		07 26 57.85	−34 18 56.7	8.17		G	111.741 045 76	−34.315 748 64	B	26.12	−313.45	97.50	9.84	11.81	5.82	7.69	10.26	−3	+11	−12	−11	−9	−2	−10	−12	−1	−5	19	2.87
36161		07 26 58.30	+23 55 39.7	8.84		H	111.742 920 41	+23.927 693 58		0.56	−12.55	−3.09	1.23	0.87	1.50	1.32	0.76	−22	+43	−48	+0	+11	−24	+0	−10	−5	+11	0	−0.59
36162	H	07 26 58.38	−01 27 06.5	9.31	2	H	111.743 242 06	−01.451 812 77	*	2.40	−1.42	3.34	3.23	1.91	1.75	1.69	1.20	−4	+19	−16	−49	−5	−27	−13	−44	−7	+17	0	1.58
36163		07 26 58.53	+43 15 30.4	6.66		H	111.743 874 01	+43.258 444 67		2.76	−0.89	−11.12	0.93	0.58	1.02	1.45	0.61	−8	+20	−30	+4	−32	+36	−7	−40	+12	+33	0	0.49
36164	H	07 26 58.77	−30 46 18.1	8.95		H	111.744 894 70	−30.771 698 27	A	−1.42	−1.37	0.86	1.10	1.39	1.58	1.15	1.42	+17	+13	+10	+10	+0	+9	−3	−12	−10	+10	0	0.25
36165		07 26 58.89	−34 18 44.7	7.03		H	111.745 371 48	−34.312 421 19	A	25.21	−293.29	104.79	1.81	2.10	1.95	1.75	2.50	+0	+11	−14	−19	−7	−1	−6	−21	+5	−2	19	2.87
36166	H	07 26 59.45	+79 00 40.7	9.87		H	111.747 691 55	+79.011 308 40	A	6.00	4.86	−9.59	1.82	1.91	2.21	1.88	2.08	−9	+22	−9	−10	−1	+13	+1	−15	+4	−5	1	−0.37
36167		07 26 59.45	−41 37 44.8	8.10		H	111.747 716 78	−41.629 112 00		2.20	−7.99	8.58	0.54	0.59	0.68	0.55	0.69	+8	+9	+9	−4	−17	+6	−20	+6	−13	−3	0	1.45
36168		07 26 59.49	−23 05 09.7	5.65	2	H	111.747 863 03	−23.086 033 28		2.30	−6.65	4.04	0.46	0.51	0.70	0.56	0.75	−17	+11	−24	−22	+18	−8	+17	−6	−21	−15	0	−1.92
36169		07 26 59.92	−59 34 43.4	7.81		G	111.749 679 97	−59.578 718 85		5.80	12.96	24.68	0.54	0.65	0.62	0.61	0.65	+11	−4	+11	+12	−6	−4	−15	−31	+16	−13	0	0.71
36170		07 27 00.29	−56 14 39.8	9.18		H	111.751 227 95	−56.244 378 41		9.40	−3.20	20.08	0.71	0.73	0.81	0.85	0.78	−5	+17	+12	+13	−2	+26	−5	−7	+6	−9	0	1.12
36171		07 27 00.87	+00 14 00.4	8.10		H	111.753 605 72	+00.233 453 47		2.06	−2.55	2.25	0.85	0.51	0.98	0.92	0.60	−8	+41	−12	−30	+2	−22	+4	−34	+14	−16	0	2.53
36172		07 27 02.11	+53 12 38.5	8.58		H	111.758 787 94	+53.210 700 55		8.47	−19.05	2.99	0.79	0.75	1.06	1.08	0.94	−20	+14	−23	−13	−6	+11	+2	−30	+25	−4	0	−0.22
36173		07 27 02.26	+17 53 17.9	8.39		H	111.759 425 20	+17.888 316 77		3.03	−4.67	0.77	0.95	0.53	1.10	0.96	0.57	−15	+46	−11	−18	−3	−32	−12	−26	−18	+5	0	−0.67
*36174		07 27 02.37	+19 05 57.5	10.73		H	111.759 869 63	+19.099 300 06		6.19	−38.97	−234.40	1.96	1.08	2.17	2.44	1.43	−29	+25	+1	−20	−9	−7	−8	−28	−9	+5	0	−0.83
*36175		07 27 02.34	−70 12 09.3	10.52		H	111.759 744 62	−70.202 575 00		10.50	127.25	−249.94	6.98	6.25	6.99	8.26	7.08	−3	+24	+3	−9	−4	+12	−5	−18	−1	−18	0	
36176		07 27 02.70	−07 58 01.2	9.07		H	111.761 267 00	−07.966 988 13		2.08	1.95	−5.95	1.16	0.85	1.46	1.44	1.01	+17	+8	−5	−14	−19	−22	−17	−24	+23	+10	0	1.86
36177	H	07 27 02.73	−39 50 48.9	8.63		H	111.761 388 26	−39.846 927 83	A	3.35	−1.32	−11.64	1.95	2.04	1.50	1.27	1.31	−39	+1	+5	−2	−3	+7	−11	−14	−12	−25	1	0.49
36178		07 27 03.20	−43 10 59.4	7.94		H	111.763 322 92	−43.183 159 41		1.71	−2.42	9.44	0.51	0.51	0.61	0.53	0.63	+0	+5	+2	−2	+0	+5	−1	+0	−8	−9	0	0.79
36179		07 27 03.78	−12 13 26.1	7.92		H	111.765 730 51	−12.223 930 07		1.91	−5.99	−1.51	0.59	0.56	0.96	0.64	0.59	−19	+15	−22	+12	+38	−22	+38	−15	−10	+5	0	−0.60
36180		07 27 04.40	+24 09 23.4	10.95		G	111.768 313 60	+24.156 509 29		15.20	−22.37	−158.35	2.07	1.64	2.38	2.33	1.72	−12	+21	−27	−17	+9	−18	−2	−22	−20	−17	0	0.54
36181		07 27 04.40	−19 56 04.5	9.84		H	111.768 336 76	−19.934 582 00		1.88	−3.45	0.66	0.94	1.09	1.46	1.25	1.71	−44	+9	−8	−21	+10	−22	+12	−8	+14	−57	0	1.69
36182		07 27 05.60	−68 36 56.3	7.15		H	111.773 325 14	−68.615 643 31		9.94	−36.54	91.69	0.50	0.49	0.52	0.59	0.54	−2	+25	+13	+2	−16	−7	−8	+20	+9	−26	0	0.81
36183		07 27 06.12	+35 30 10.1	9.36	2	H	111.775 520 71	+35.502 796 44		1.49	0.28	−4.44	1.53	1.08	1.70	2.46	1.26	+10	+2	−34	+9	−31	+35	−13	−19	+13	+31	0	−1.45
36184		07 27 07.75	−52 36 25.5	9.08		H	111.782 281 12	−52.607 074 04		2.25	−5.86	7.51	0.81	0.85	0.92	0.96	1.00	−3	+21	+16	−4	+3	−4	+3	−9	+0	−25	1	1.21
36185		07 27 07.93	+47 38 45.3	7.66		H	111.783 062 22	+47.645 929 35		4.58	−9.08	0.45	0.72	0.55	0.91	0.85	0.59	−10	+34	+13	−18	−15	−7	−15	−44	−22	−3	0	0.23
36186	H	07 27 07.99	−17 51 53.5	5.60	1	G	111.783 298 32	−17.864 865 11	A	11.63	−3.27	1.56	0.73	0.66	0.95	0.77	0.75	−27	+5	−9	+5	+15	−33	+8	+6	+3	−4	1	−0.10
36187		07 27 08.78	−80 49 26.1	9.15		H	111.786 574 49	−80.823 926 82		13.16	64.14	−36.38	0.81	0.71	0.82	0.93	0.79	−14	+25	−7	−14	+10	−4	+12	−11	+12	−16	1	−0.34
36188		07 27 09.07	+08 17 21.9	2.89	1	G	111.787 801 21	+08.289 408 93		19.16	−50.28	−38.45	0.77	0.48	0.85	0.77	0.52	−12	+37	−27	−24	−12	−14	−14	−23	+7	−11	0	1.74
36189		07 27 09.12	+11 57 18.0	6.58		H	111.787 997 93	+11.955 005 68		3.74	−7.47	−4.39	0.84	0.54	0.88	1.07	0.79	−11	+30	−14	−25	+16	−32	+11	−46	−7	−7	0	0.83
36190		07 27 09.40	−41 03 19.9	8.37		H	111.789 171 70	−41.055 538 43		4.49	−6.98	7.33	0.56	0.63	0.72	0.55	0.71	+2	+1	+3	−10	−20	+17	−23	+0	−4	−5	0	−0.12
36191		07 27 09.43	+07 20 07.4	8.85		H	111.789 281 07	+07.335 400 31		0.30	−0.83	−2.18	1.31	0.78	1.34	1.18	0.75	−27	+48	−33	−47	+2	−11	+8	−48	+18	−26	0	1.80
36192		07 27 11.81	−64 14 25.6	8.11		H	111.799 226 46	−64.240 438 71		3.19	−34.53	−13.24	0.63	0.65	0.68	0.77	0.78	−3	+5	−1	−7	−8	−3	−9	−20	+22	−24	1	0.48
36193		07 27 12.38	−50 32 43.1	8.98		H	111.801 570 74	−50.545 311 81		3.84	4.78	14.37	0.71	0.77	0.83	0.88	0.88	+0	+3	+9	−10	+2	+14	+2	−8	+4	−17	0	1.90
36194		07 27 14.00	+51 04 46.3	10.67		H	111.808 323 80	+51.079 536 62		−1.16	9.15	−1.92	1.76	1.21	2.03	1.96	1.41	−1	+49	−12	−30	−33	−15	−37	−30	−20	+15	0	0.03
36195		07 27 15.09	−19 59 54.8	8.20		H	111.812 894 86	−19.998 546 36		2.58	−8.52	1.15	0.65	0.70	1.03	0.83	1.12	−30	+16	−2	−10	+1	−26	+4	+2	+12	−51	0	1.04
36196		07 27 16.29	+02 27 53.0	8.57		H	111.817 857 33	+02.464 713 22		0.18	−6.13	2.54	0.89	0.52	1.05	1.02	0.61	+7	+26	−7	−26	−7	−29	−6	−34	+16	−8	0	1.13
36197		07 27 16.83	+27 17 55.5	8.01		H	111.820 143 13	+27.298 754 05		4.60	−9.12	−2.89	1.11	0.83	1.14	1.43	0.76	+19	+14	−40	−31	−47	+18	−36	−36	+12	+34	0	0.38
36198		07 27 16.88	−66 50 55.6	10.90		H	111.820 313 71	−66.848 789 42		17.46	−133.88	188.47	1.33	1.40	1.41	1.13	1.57	−14	+7	+6	−53	+6	−15	+6	−36	+17	−32	3	−0.12
36199		07 27 18.22	+45 40 53.2	8.11		H	111.825 920 09	+45.681 434 92		3.14	−3.32	−37.42	1.07	0.63	1.22	1.23	0.79	−34	+50	−5	+2	−3	−2	+10	−52	−10	+2	0	0.50
36200		07 27 18.98	+01 27 09.7	7.16		H	111.829 072 58	+01.452 687 67		6.47	9.97	−6.01	0.78	0.47	0.88	0.88	0.52	+27	+21	−25	−33	−21	−12	−18	−50	+32	+10	0	−0.34

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
36101	7.303	0.005	7.195	0.007		0.105	0.008	T	0.12	0.01	L	7.2178	0.0017	0.014	118		7.20	7.24					1							S
36102						1.471	0.015	G	1.90	0.07	I	12.1335	0.0080	0.071	131		12.02	12.28					1							G
36103	10.315	0.029	9.754	0.028		0.525	0.036	T	0.60	0.04	L	9.7728	0.0023	0.020	122		9.74	9.80					1							
36104	9.778	0.022	9.096	0.019		0.619	0.022	T	0.69	0.02	L	9.1897	0.0022	0.017	112		9.16	9.23					1							
36105	10.321	0.035	8.584	0.016		1.449	0.030	T	1.45	0.05	L	8.5812	0.0018	0.011	48		8.55	8.60		C			1							
36106	10.887	0.050	10.014	0.036		0.764	0.047	T	0.80	0.03	L	10.0860	0.0023	0.021	105		10.06	10.13		C			1							G
36107	10.149	0.030	8.637	0.015		1.271	0.026	T	1.23	0.03	L	8.6302	0.0012	0.012	95		8.61	8.65					1							
36108	10.745	0.045	10.120	0.040	A						T *	9.9339	0.0033	0.028	110	*	9.88	9.98		D	07263−4941	I 1	2 C A	AB	71	1.212	0.012	1.17	0.04	G
36109											T	11.0862	0.0213	0.306	242		10.16	11.41		D	07263+6929	I 2	S							G
36110	10.331	0.045	8.640	0.020		1.439	0.041	T	2.87	0.08	O	8.3199	0.0174	0.067	56		8.24	8.42		U 2			1 S							
36111	10.923	0.087	9.557	0.043		1.157	0.076	T	1.12	0.07	L	9.5588	0.0027	0.022	56		9.51	9.59		C			1							
36112	10.328	0.045	9.258	0.029		0.927	0.041	T	0.92	0.03	L	9.3058	0.0067	0.031	52		9.27	9.36		U 2			1							
36113	9.052	0.009	8.131	0.007		0.809	0.015	G	0.84	0.01	L	8.1931	0.0013	0.019	259		8.16	8.22		D	07263+6929	I 2	1 X S							S
36114	6.414	0.004	5.197	0.002		1.038	0.039	G	0.98	0.02	A	5.2581	0.0006	0.005	116		5.25	5.27		C			1							S
36115	8.761	0.011	7.520	0.007		1.059	0.010	T	1.03	0.01	L	7.5836	0.0011	0.012	133		7.56	7.61		C			1							S
36116	11.418	0.064	10.332	0.038		0.939	0.057	T	0.93	0.04	L	10.4200	0.0040	0.039	140		10.32	10.48					1							G
36117	10.188	0.022	9.063	0.014		0.969	0.020	T	0.95	0.02	L	9.1283	0.0018	0.020	136		9.09	9.17		C			1							
36118	10.391	0.028	10.337	0.042		0.050	0.020	G	0.06	0.02	H	10.3782	0.0029	0.036	167		10.28	10.45					1 S							G
36119	10.723	0.037	9.891	0.029		0.733	0.036	T	0.78	0.03	L	9.9495	0.0030	0.034	99		9.89	10.01		U			1							G
36120	7.173	0.006	6.990	0.009		0.175	0.010	T	0.19	0.01	L	7.0307	0.0015	0.008	73		7.02	7.04					1							S
36121	10.763	0.043	9.362	0.020		1.160	0.015	G	1.12	0.01	H	9.3469	0.0020	0.021	165		9.29	9.38					1							G
36122	7.648	0.007	7.274	0.006		0.330	0.015	G	0.38	0.02	H	7.3386	0.0019	0.016	118		7.32	7.36		U 2	07265+1831	I 1	1							S
36123	6.478	0.005	6.385	0.005		0.078	0.009	G	0.09	0.01	H	6.4093	0.0009	0.006	83		6.40	6.43		C			1							S
36124	8.415	0.009	8.343	0.010		0.050	0.015	G	0.06	0.01	H	8.3674	0.0013	0.014	129		8.35	8.39					1							
36125	10.493	0.025	9.487	0.017		0.879	0.023	T	0.89	0.02	L	9.5985	0.0228	0.178	239		9.33	9.76	3.13	P 1 A			1 S							G
36126	8.941	0.014	8.951	0.018		−0.004	0.021	T	0.02	0.02	L	8.9686	0.0023	0.020	81		8.94	9.00		C			1							
36127	10.019	0.022	8.743	0.013		1.086	0.020	T	1.05	0.02	L	8.7807	0.0015	0.014	108		8.76	8.81					1 S							
36128	10.025	0.024	8.727	0.013		1.104	0.021	T	1.07	0.02	L	8.7483	0.0020	0.018	124		8.72	8.78					1							
36129	9.686	0.022	8.709	0.016		0.845	0.021	T	0.86	0.01	L	8.7824	0.0022	0.024	116		8.75	8.82					1							
36130	7.137	0.007	7.014	0.007		0.119	0.009	T	0.13	0.01	L	7.0534	0.0009	0.009	98		7.04	7.08		C			1							S
36131	9.866	0.027	8.977	0.020		0.760	0.020	G	0.80	0.01	H	9.0504	0.0020	0.014	80		9.03	9.08		C			1							
36132	7.782	0.008	7.437	0.009	*	0.323	0.007	G	0.37	0.01	H *	7.4295	0.0013	0.014	165	*	7.41	7.46		D	07266+7305	I 2	2 C A	AB	292	0.975	0.004	1.53	0.02	S
36133	10.307	0.028	8.916	0.015		1.176	0.025	T	1.14	0.02	L	8.9646	0.0021	0.017	104		8.93	8.99		C			1							
36134	6.902	0.005	6.929	0.007		−0.005	0.007	G	0.02	0.01	H	6.9314	0.0009	0.008	94		6.92	6.95					1							S
36135	10.488	0.034	9.032	0.017		1.227	0.030	T	1.19	0.03	L	9.0485	0.0021	0.019	108		9.02	9.09					1							
36136	7.398	0.007	7.418	0.008		−0.016	0.009	T	0.01	0.01	L	7.4173	0.0013	0.010	101		7.40	7.43		C			1							S
36137	9.026	0.015	7.715	0.009		1.114	0.014	T	1.08	0.01	L	7.7629	0.0012	0.012	80		7.75	7.79		C			1							
36138	8.373	0.008	7.835	0.009		0.529	0.015	G	0.60	0.02	H	7.8940	0.0011	0.010	115		7.88	7.92		C			1							S
36139	8.373	0.017	7.296	0.012	A	0.893	0.015	G	0.90	0.01	H *	7.2922	0.0010	0.007	56	*	7.28	7.31		D	07267+3137	I 1	2 C A	AB	136	1.112	0.014	1.79	0.04	S
36140	6.607	0.004	6.614	0.005		−0.002	0.006	T	0.02	0.01	L	6.6320	0.0010	0.009	108		6.62	6.64					1							S
36141	6.215	0.004	6.360	0.005		−0.126	0.005	G	−0.12	0.01	H	6.3460	0.0006	0.006	72		6.34	6.36		C			1							S
36142	8.138	0.008	7.800	0.008		0.300	0.015	G	0.34	0.02	H	7.8875	0.0014	0.015	158		7.86	7.91		D	07266+7305	I 2	1							S
36143	5.694	0.003	5.868	0.003		−0.153	0.006	G	−0.15	0.01	H	5.8476	0.0006	0.006	147		5.83	5.86					1							S
36144	11.649	0.065	9.719	0.019	A	0.625	0.126	G	1.09	0.07	L *	9.5199	0.0029	0.038	203	*	9.46	9.58		D	07267+7144	H 1	2 C A	AB	261	1.516	0.013	2.04	0.09	
36145	4.611	0.002	4.614	0.002		−0.001	0.002	T	0.02	0.00	L	4.6188	0.0006	0.005	94		4.61	4.63					1							S
36146	8.423	0.009	8.285	0.011		0.125	0.013	T	0.14	0.01	L	8.3039	0.0012	0.012	112		8.28	8.32		C			1							S
36147	9.184	0.014	7.913	0.009		1.082	0.013	T	1.04	0.01	L	7.9463	0.0016	0.011	109		7.93	7.96					1							S
36148	9.341	0.021	7.539	0.010		1.500	0.018	T	1.53	0.03	L	7.5249	0.0023	0.013	81		7.50	7.54					1							
36149	9.457	0.015	8.352	0.009	*	0.953	0.013	T	0.94	0.01	L *	8.3670	0.0017	0.018	136	*	8.34	8.39		D	07268+6457	I 1	2 C A	AB	101	0.973	0.006	1.49	0.03	S
36150	9.393	0.020	8.307	0.014		0.939	0.019	T	0.93	0.01	L	8.3817	0.0017	0.012	76		8.36	8.41		C			1							
36151	8.778	0.014	8.751	0.018		0.030	0.021	T	0.05	0.02	L	8.7670	0.0019	0.014	83		8.74	8.79		C			1							
36152	7.089	0.008	6.586	0.007		0.464	0.015	G	0.53	0.02	H	6.6411	0.0010	0.006	58		6.63	6.65		C			1							S
36153						0.500	0.020	G	0.57	0.02	R *	11.9713	0.0072	0.061	78	*	11.84	12.06		D	07269+1334	H 1	2 C B	AB	234	0.276	0.027	0.53	0.25	G
36154	8.814	0.012	8.447	0.013		0.358	0.015	T	0.42	0.02	L	8.5025	0.0032	0.024	107		8.47	8.55		U			1							
36155	8.904	0.013	7.924	0.009		0.859	0.012	T	0.87	0.01	L	7.9921	0.0015	0.013	100		7.97	8.01		C			1 S							S
36156	6.319	0.005	5.972	0.005		0.336	0.006	T	0.39	0.01	L	6.0210	0.0007	0.005	74		6.01	6.03		C			1							S
36157	10.225	0.042	8.441	0.018		1.466	0.015	G	1.48	0.02	H	8.4155	0.0022	0.013	55		8.39	8.44		C			1							
36158	9.856	0.023	7.940	0.010		1.591	0.020	T	1.61	0.02	L	7.8510	0.0015	0.014	97		7.82	7.88					1							S
36159	7.460	0.005	7.390	0.006		0.069	0.007	T	0.08	0.01	L	7.4160	0.0015	0.015	155		7.39	7.44		M			1							S
36160	8.844	0.014	8.166	0.012	B	0.634	0.006	G	0.70	0.01	H	8.2471	0.0473			B				D	07270−3419	I 2	1 C I A							
36161	8.803	0.018	8.832	0.023		−0.010	0.020	G	0.01	0.02	H	8.8411	0.0022	0.016	57		8.81	8.87		C			1							
36162	11.370	0.091	9.654	0.033	*	1.432	0.077	T	1.42	0.12	L *	9.4617	0.0047	0.032	86	*	9.41	9.53		U 2	07270−0127	H 1	2 C A	AB	193	0.166	0.008	0.41	0.42	
36163	8.441	0.025	6.813	0.007		1.370	0.015	G	1.34	0.02	H	6.8083	0.0014	0.011	75		6.79	6.83					1							S
36164	9.059	0.015	8.882	0.019	*	0.162	0.023	T	0.18	0.02	L *	9.0034	0.0017	0.024	167	*	8.97	9.05		D	07270−3047	I 1	2 C A	AB	205	6.424	0.013	1.97	0.04	
36165	7.573	0.007	7.066	0.006	A	0.487	0.007	T	0.56	0.01	L	7.1380	0.0201	0.077	136	A	7.03	7.25		D	07270−3419	I 2	1 C P A							S
36166	10.703	0.043	9.997	0.036	*	0.650	0.046	T	0.71	0.04	L *	10.0028	0.0032	0.028	132	*	9.96	10.06		D	07270+7901	M 1	2 C A	AB	346	0.885	0.009	1.54	0.04	
36167	8.151	0.008	8.102	0.009		0.051	0.001	G	0.06	0.00	H	8.1234	0.0012	0.014	126		8.10	8.15					1							S
36168	5.437	0.006	5.591	0.006		−0.134	0.007	T	−0.22	0.03	C	5.5706	0.0034	0.039	101		5.53	5.64		U 2 C			1							S
36169	9.156	0.014	7.916	0.009		1.061	0.020	G	1.04	0.02	A	7.9715	0.0011	0.012	118		7.95	8.00					1							
36170	9.742	0.019	9.234	0.019		0.477	0.024	T	0.55	0.03	L	9.2898	0.0018	0.017	102		9.26	9.32		C			1							
36171	9.459	0.019	8.209	0.012		1.066	0.018	T	1.03	0.01	L	8.2675	0.0012	0.014	95		8.25	8.29		C			1							
36172	9.027	0.015	8.639	0.015		0.367	0.020	T	0.43	0.02	L	8.6633	0.0022	0.016	84		8.64	8.70					1							
36173	8.369	0.010	8.384	0.012		−0.009	0.014	T	0.01	0.01	L	8.3950	0.0013	0.014	111		8.37	8.42		C			1							S
36174	11.229	0.067	10.730	0.070		0.440	0.040	G	0.51	0.04	R	10.8272	0.0034	0.030	116		10.77	10.87		C			1							G
36175	11.915	0.136	10.629	0.067		1.094	0.119	T	1.06	0.12	L	10.6959	0.0039	0.029	91		10.64	10.74		C			1 X S							G
36176	10.247	0.039	9.143	0.025		0.952	0.036	T	0.94	0.03	L	9.2383	0.0020	0.019	73		9.20	9.27		D			1							
36177	8.895	0.012	8.652	0.014	*	0.227	0.018	T	0.25	0.02	L *	8.6947	0.0016	0.015	118	*	8.67	8.73		D	07270−3951	H 1	2 C A	AB	330	0.387	0.012	1.83	0.07	
36178	9.921	0.025	8.109	0.011		1.508	0.022	T	1.54	0.03	L	8.0619	0.0013	0.012	131		8.04	8.08		C			1							
36179	7.867	0.007	7.914	0.009		−0.016	0.015	G	0.01	0.01	H	7.9204	0.0015	0.011	132		7.90	7.94		C			1							S
36180						1.194	0.010	G	1.32	0.02	I	11.1404	0.0066	0.034	52		11.07	11.20		C			1							G
36181	9.873	0.023	9.807	0.032		0.088	0.008	G	0.10	0.01	H	9.8774	0.0024	0.021	119		9.84	9.92		C			1							G
36182	7.625	0.006	7.191	0.006		0.407	0.003	G	0.47	0.00	H	7.2469	0.0010	0.010	112		7.23	7.26		C			1							S
36183	9.723	0.030	9.410	0.032		0.297	0.041	T	0.34	0.06	L	9.4373	0.0049	0.039	52		9.38	9.49		U			1							
36184	9.061	0.013	9.074	0.017		−0.007	0.002	G	0.01	0.00	H	9.0874	0.0025	0.018	97		9.06	9.12					1							
36185	7.775	0.008	7.679	0.009		0.094	0.011	T	0.11	0.01	L	7.7024	0.0013	0.014	149		7.68	7.73					1							S
36186	5.993	0.004	5.653	0.004	A	0.314	0.002	G	0.36	0.00	H *	5.6871	0.0023	0.017	110	*	5.66	5.71	0.17	P 1 A	07271−1752	I 1	2 C B	AB	42	1.516	0.023	3.79	0.16	S
36187	9.878	0.023	9.197	0.020		0.618	0.023	T	0.69	0.02	L	9.2775	0.0019	0.020	100		9.24	9.31		C			1							
36188	2.794	0.003	2.878	0.003		−0.097	0.008	G	−0.07	0.02	A	2.8546	0.0004	0.005	65		2.84	2.86		M	07272+0818	I 1	1							S
36189	7.731	0.007	6.693	0.005		0.903	0.006	T	0.90	0.00	L	6.7403	0.0007	0.005	77		6.73	6.75		C			1 G							S
36190	8.458	0.009	8.365	0.011		0.084	0.013	T	0.10	0.01	L	8.4014	0.0014	0.015	135		8.38	8.43					1							
36191	8.726	0.016	8.798	0.021		−0.061	0.024	T	−0.04	0.02	L	8.8356	0.0015	0.014	68		8.80	8.85		C			1							S
36192	9.716	0.019	8.242	0.011		1.241	0.017	T	1.20	0.02	L	8.2741	0.0016	0.014	112		8.25	8.30		C			1							
36193	10.543	0.040	9.133	0.020		1.191	0.035	T	1.15	0.03	L	9.1463	0.0016	0.018	107		9.11	9.18					1							
36194	11.176	0.076	10.756	0.084		0.397	0.105	T	0.46	0.12	L	10.7600	0.0047	0.033	82		10.71	10.81		C			1							G
36195	8.086	0.008	8.179	0.010		−0.080	0.012	T	−0.06	0.01	L	8.1804	0.0016	0.019	124		8.15	8.21					1							
36196	8.461	0.009	8.553	0.012		−0.070	0.015	G	−0.05	0.01	H	8.5541	0.0014	0.010	113		8.52	8.58					1							
36197	8.185	0.013	7.980	0.015		0.154	0.015	G	0.17	0.01	H	8.0616	0.0027	0.015	50		8.04	8.08		C			1							S
36198											T	11.0392	0.0040	0.038	102		10.95	11.10		C			1							G
36199	9.795	0.020	8.244	0.010		1.302	0.018	T	1.26	0.02	L	8.2705	0.0014	0.012	115		8.25	8.29		C			1							
36200	8.491	0.011	7.273	0.007		1.041	0.010	T	1.01	0.01	L	7.3223	0.0006	0.007	110		7.31	7.34					1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
36201		07 27 20.50	−52 16 31.7	9.94		H	111.835 403 69	−52.275 475 53		3.84	40.76	−36.35	1.11	1.20	1.25	1.25	1.38	−11	+16	+2	−21	+7	−2	+8	−27	+15	−26	0	1.24
36202		07 27 20.58	−47 46 57.9	8.06		H	111.835 742 96	−47.782 736 29		4.24	−11.23	15.97	0.58	0.53	0.63	0.61	0.62	−7	+10	+5	−9	−2	+9	−2	+3	−6	−24	1	0.06
36203	H	07 27 20.85	−11 29 30.8	8.33		H	111.836 877 22	−11.491 891 69	A	−3.66	−4.73	−5.67	1.78	1.70	2.34	1.81	1.68	−34	+13	−15	+6	+35	−1	+40	−26	−9	−14	6	4.14
36204		07 27 22.06	−66 15 17.3	8.68		H	111.841 937 32	−66.254 807 21		0.61	−5.56	23.31	0.74	0.71	0.77	0.58	0.84	+1	+10	+11	−58	−14	−6	−6	−7	+5	−30	1	2.11
36205		07 27 22.75	+08 45 14.0	8.53		H	111.844 776 05	+08.753 882 78	A	5.09	8.73	6.19	2.35	1.42	2.39	2.16	1.26	−17	+9	−26	−37	−15	−9	−19	−30	+17	−1	9	1.72
36206		07 27 23.43	−02 31 29.5	8.34	1	H	111.847 619 65	−02.524 873 08		1.30	−10.62	1.18	1.05	0.69	1.21	1.14	0.67	+2	+34	−7	−20	+5	+6	+8	−50	+13	+2	4	−0.33
36207		07 27 24.00	+39 18 54.9	6.99		H	111.850 001 81	+39.315 236 13		13.65	−93.91	−71.22	1.15	0.61	1.15	1.10	0.79	+4	+58	−11	+14	+4	−10	+4	+1	+11	+14	0	1.84
36208		07 27 24.16	+05 14 05.2	9.84		G	111.850 685 49	+05.234 764 32		263.26	571.27	−3694.25	1.31	0.79	1.43	1.41	0.90	+6	+27	+6	−39	−4	−13	−5	−46	+7	−21	0	1.38
36209		07 27 24.17	+15 39 34.8	8.68	2	H	111.850 702 76	+15.659 678 21		3.09	7.07	−15.46	1.03	0.62	1.14	1.00	0.70	−33	+48	−31	−18	−8	−9	−12	−16	−3	−8	0	0.38
36210		07 27 25.73	−51 24 09.3	6.72		H	111.857 221 64	−51.402 595 11		44.43	−285.30	−2.47	0.46	0.50	0.53	0.55	0.59	−3	+17	+9	−16	+7	−7	+8	−17	+10	−26	1	−0.69
36211		07 27 25.84	+66 19 53.9	6.47		H	111.857 679 98	+66.331 641 65		3.65	−3.27	−28.93	0.52	0.44	0.74	0.55	0.60	+15	+22	+0	−1	+12	+7	+22	−9	+23	+33	1	−0.06
36212	H	07 27 25.96	+15 18 59.1	7.22		G	111.858 160 03	+15.316 428 16	A	1.62	−5.02	−10.66	1.30	0.78	1.29	1.17	0.79	−41	+51	−29	−14	−1	−12	−4	−14	−4	−24	4	1.08
36213		07 27 28.03	+72 42 12.7	9.53	2	T	111.866 772 55	+72.703 540 60		2.27	−18.44	−26.22	0.62	0.71	1.07	0.66	0.96	+12	+6	+5	+20	+7	−3	+12	+1	−5	+28	1	0.64
36214		07 27 28.34	−54 17 14.8	9.56		H	111.868 063 26	−54.287 446 71		3.20	−4.01	−3.87	0.87	0.81	0.90	1.03	0.89	−9	+13	+0	−16	+2	+8	+3	−19	+10	−25	2	1.04
36215		07 27 28.78	+22 02 39.2	11.25		G	111.869 902 14	+22.044 221 48		50.93	−264.03	−143.72	2.47	1.67	2.71	2.66	1.72	−13	+37	−24	−10	−13	−19	−19	−9	−10	+2	0	−0.15
36216		07 27 30.51	−44 48 57.2	8.57		H	111.877 119 43	−44.815 895 53		2.53	−7.34	5.08	0.64	0.66	0.76	0.73	0.83	−3	−5	−6	+9	−14	+12	−15	+16	−2	+1	0	2.27
36217		07 27 30.59	−31 56 20.9	9.19		G	111.877 443 56	−31.939 151 63		3.25	−7.85	4.99	0.67	0.81	1.08	0.82	0.97	+5	−5	−14	+14	−5	+22	−1	−6	+3	+10	0	0.21
36218		07 27 31.09	−25 02 54.3	7.64		H	111.879 526 31	−25.048 428 69		4.57	−3.49	−10.69	0.40	0.64	0.90	0.51	0.78	+38	+1	−21	+11	+12	+0	+12	+1	+7	+37	0	1.15
36219		07 27 31.36	−44 17 04.6	8.80		G	111.880 682 99	−44.284 605 09		2.31	−4.53	6.72	0.66	0.67	0.76	0.66	0.84	+2	−4	−1	+8	−14	+1	−17	+15	−6	+2	0	0.71
36220		07 27 32.25	+28 26 43.8	9.41		H	111.884 366 09	+28.445 490 45		5.93	−21.77	−15.46	1.54	0.99	1.38	2.10	1.02	+37	+25	−15	−41	−50	−1	−44	−50	−2	+51	0	1.43
36221		07 27 32.76	+29 18 48.5	8.95		H	111.886 504 36	+29.313 481 90		3.40	−7.97	−15.17	1.18	0.79	1.31	1.18	0.74	−17	+46	−22	−5	−4	−15	−9	−21	−7	−8	0	0.61
*36222		07 27 33.98	−27 01 24.8	8.53		H	111.891 588 00	−27.023 558 74		1.12	−4.40	2.86	0.54	0.75	1.05	0.63	0.93	+14	−5	−12	+12	−3	+6	−3	−11	+8	+13	0	−0.72
*36223		07 27 33.96	−21 08 45.7	7.55		H	111.891 492 98	−21.146 035 66		0.73	−6.33	1.02	0.56	0.69	0.95	0.72	1.02	−6	+6	−28	−15	−6	−5	−8	−21	+18	−15	0	−0.73
36224		07 27 34.11	+38 39 58.1	6.92		H	111.892 130 81	+38.666 145 53		7.18	−11.97	−33.28	1.01	0.66	1.02	1.22	0.64	+12	+37	−23	+24	+14	−1	+11	−12	−3	+28	0	1.00
36225		07 27 34.49	−18 29 30.8	6.92		H	111.893 698 29	−18.491 876 27		5.09	−4.76	−4.78	0.53	0.54	0.82	0.58	0.66	−23	+17	−18	−20	+9	−21	+7	−6	+14	−18	0	0.47
36226		07 27 35.11	−47 05 45.2	8.62		H	111.896 276 78	−47.095 899 49		1.50	−4.25	4.70	0.67	0.59	0.73	0.81	0.72	−5	+13	+7	+0	+2	+5	+1	−2	+3	−20	0	0.46
36227		07 27 36.99	−18 29 47.8	7.63	2	H	111.904 131 26	−18.496 608 63		0.58	−1.06	2.00	0.64	0.66	0.98	0.70	0.82	−22	+20	−22	−22	+6	−24	+2	−2	+13	−18	4	−0.18
36228		07 27 37.30	−51 21 34.8	8.70		G	111.905 411 13	−51.359 679 74		1.27	−7.15	3.84	0.60	0.69	0.72	0.74	0.79	+0	+14	+22	−7	+1	−7	+1	−11	−3	−21	0	−2.11
36229		07 27 37.82	−11 11 55.6	9.03		H	111.907 585 10	−11.198 777 35		3.03	−0.66	8.17	0.94	0.88	1.46	1.02	0.93	−36	+12	−18	−11	+41	−23	+41	−34	−8	−17	0	0.93
36231		07 27 40.00	+14 40 34.6	7.43		H	111.916 648 78	+14.676 278 70		3.04	−3.05	−6.19	0.82	0.53	0.94	0.75	0.49	−24	+45	−40	−5	−10	−8	−7	−21	+14	−16	0	−0.27
36232		07 27 40.54	+22 08 29.3	6.78	2	H	111.918 928 64	+22.141 471 50		2.06	−9.20	−5.10	0.81	0.57	0.94	0.87	0.56	−22	+39	−36	+0	+1	−21	−9	−6	−10	−1	0	−1.10
36233		07 27 42.63	+35 37 55.1	8.73		H	111.927 621 50	+35.631 967 98		1.61	12.78	−18.11	1.34	0.96	1.50	2.19	0.97	+22	+0	−38	+5	−9	+30	+6	−32	+6	+46	0	2.32
36234		07 27 42.78	−47 24 50.5	7.59		H	111.928 256 33	−47.414 021 32		3.52	−5.55	4.40	0.52	0.47	0.57	0.58	0.52	−6	+11	+15	−5	−2	+6	−2	−1	+5	−22	0	−0.65
36235		07 27 42.85	−03 04 17.2	7.85		G	111.928 522 75	−03.071 453 46		2.11	−1.88	0.08	0.85	0.53	0.95	1.01	0.61	+15	+30	+1	−28	−8	−4	−6	−44	+5	+16	0	−0.02
36236		07 27 42.94	−22 51 33.1	5.98		H	111.928 910 65	−22.859 197 57		3.70	−1.28	−0.42	0.49	0.51	0.70	0.58	0.76	−16	+10	−12	−24	+17	−4	+18	−9	−19	−16	0	0.29
36237	H	07 27 44.09	+62 59 45.1	8.27		H	111.933 701 70	+62.995 850 24	A	2.72	5.34	−13.33	1.37	1.15	1.67	1.47	1.48	+7	+16	+29	+15	+6	+6	+4	−7	+21	−10	0	1.48
36238	H	07 27 44.39	+21 26 44.0	5.20		G	111.934 976 85	+21.445 548 56	A	29.38	−49.56	−123.90	1.39	0.92	1.39	1.29	0.78	−22	+34	−26	+5	−35	−2	−29	−1	+9	−4	13	1.21
36239	H	07 27 44.96	−24 46 26.6	8.38		G	111.937 331 59	−24.774 050 77	A	2.85	−6.94	11.19	1.18	1.65	2.06	1.49	1.94	+33	+23	+3	+4	+3	−8	−2	+9	−17	+31	3	2.36
36240		07 27 46.17	−44 07 35.3	8.66		H	111.942 355 26	−44.126 460 17		3.21	−12.22	33.08	0.65	0.67	0.77	0.67	0.84	+2	−1	−2	+5	−12	−5	−15	+8	−9	+1	0	−0.93
36241		07 27 47.57	−61 59 57.1	11.08		H	111.948 220 66	−61.999 201 40		4.87	−11.71	39.03	2.19	2.37	2.39	2.42	2.53	−2	−7	+4	−10	−6	−2	−5	−11	−3	−17	0	
36242		07 27 48.38	−39 34 54.4	10.36		G	111.951 584 52	−39.581 767 43		1.30	45.16	45.67	0.98	0.95	1.23	1.09	1.04	−3	+13	−3	+10	−5	+13	−8	−19	−6	−12	1	−0.06
36243		07 27 48.92	+27 17 33.8	7.34		G	111.953 819 43	+27.292 734 51		7.79	−56.26	−105.61	0.95	0.73	1.04	1.29	0.64	+15	+18	−48	−30	−46	+16	−33	−42	+17	+43	0	2.08
36244		07 27 48.93	−63 33 12.5	9.02		H	111.953 855 29	−63.553 464 39		1.72	−2.78	9.64	0.78	0.74	0.79	0.94	0.85	+0	+4	+5	−8	−10	−2	−10	−16	+12	−18	0	0.44
36245		07 27 48.99	+53 30 17.1	9.10		H	111.954 135 25	+53.504 748 56		4.55	−18.36	−73.52	1.01	0.98	1.46	1.43	1.34	−21	+19	−34	−10	−19	+20	−4	−36	+36	+1	0	1.14
36246	H	07 27 49.42	−28 22 16.4	7.09	1	G	111.955 927 55	−28.371 212 32	A	4.36	−15.17	2.45	0.53	0.68	0.83	0.60	0.76	+10	+12	+0	+8	+20	+10	+24	+14	+8	−1	1	−0.33
36247		07 27 49.70	−40 31 08.8	9.26		G	111.957 075 54	−40.519 102 66		4.09	−10.17	20.01	0.63	0.80	0.88	0.69	0.96	+9	+3	+4	−8	−10	+26	−12	+0	+0	+2	0	−1.31
36248		07 27 50.28	+52 22 02.0	8.89		G	111.959 519 50	+52.367 211 02		10.15	−28.95	−41.18	0.94	0.77	1.16	1.27	1.00	−29	+26	−21	−13	−10	−8	−1	−27	+28	−15	0	1.37
36249		07 27 50.71	+19 02 41.9	7.24		H	111.961 286 84	+19.044 963 80		33.87	117.18	−69.29	0.92	0.50	1.04	1.28	0.71	−29	+28	+1	−18	−13	−19	−9	−28	−12	+17	0	−1.33
36250		07 27 51.01	−16 05 38.0	8.47	2	H	111.962 525 03	−16.093 880 11		1.39	−1.80	0.24	0.68	0.64	1.09	0.87	0.78	−19	+30	−24	+15	+11	−18	+13	+6	+17	+10	0	−1.13
36251	H	07 27 51.66	−11 33 24.7	5.79	2	G	111.965 260 84	−11.556 861 68	A	3.23	−2.13	−2.31	0.98	0.90	1.39	0.99	0.89	−33	+9	−21	+4	+37	−28	+32	−18	−8	−16	5	3.24
36252		07 27 53.48	−52 04 55.8	8.27		G	111.972 852 89	−52.082 154 92		3.83	−3.59	8.84	0.66	0.72	0.75	0.74	0.83	−4	+22	+4	−26	+5	−19	+8	−27	+16	−28	0	−2.78
36253		07 27 53.70	+05 55 04.5	8.91		H	111.973 736 87	+05.917 918 54		3.86	−4.35	−2.72	0.99	0.64	1.10	1.07	0.64	+1	+27	−4	−12	−17	−15	−15	−26	+9	−11	0	−0.69
36254		07 27 54.95	−31 56 53.1	8.57		H	111.978 947 98	−31.948 085 42		3.08	−18.85	−2.27	0.62	0.80	1.02	0.74	0.98	+4	−9	−14	+9	−9	+23	−5	+0	−6	+5	0	−1.50
36255		07 27 55.52	−34 53 26.0	9.13		H	111.981 336 57	−34.890 553 58		5.28	−3.03	28.28	0.72	0.79	1.01	0.82	1.08	−6	+5	−14	−6	−6	−19	−9	+5	+2	−18	4	0.50
36256		07 27 55.63	−23 29 22.9	7.48		H	111.981 778 16	−23.489 703 21		4.87	24.61	−21.07	0.65	0.72	0.99	0.72	1.04	−32	+15	−22	−27	+18	−17	+15	−2	−22	−33	0	−1.45
36257		07 27 58.76	−37 01 21.7	9.25		H	111.994 825 40	−37.022 692 25		3.15	−6.05	0.42	0.68	0.80	0.96	0.76	1.04	+2	+1	−9	−1	−7	+11	−7	−2	−11	−16	0	0.28
36258		07 27 59.17	−29 09 21.2	5.55		H	111.996 530 73	−29.155 901 80		4.84	−10.12	2.32	0.33	0.43	0.56	0.38	0.50	+17	+8	−17	+16	+1	+22	+6	+3	+14	+21	1	−0.30
36259		07 27 59.26	−47 06 27.5	7.65		H	111.996 896 07	−47.107 647 72		4.38	−23.18	58.08	0.60	0.52	0.64	0.67	0.56	−9	+17	+9	−2	−7	+1	−6	−3	+6	−26	0	−0.37
36260		07 27 59.74	−02 52 55.7	6.89		H	111.998 912 99	−02.882 145 76		6.96	11.82	−13.94	0.80	0.48	0.91	0.91	0.52	+19	+38	−1	−21	−13	−5	−7	−43	+7	+35	0	−1.37
36261		07 27 59.84	+12 10 10.5	8.30		H	111.999 312 64	+12.169 597 12		2.30	7.79	−1.15	1.01	0.61	1.11	1.22	0.69	−22	+39	−20	−21	+6	−18	+3	−32	−9	+9	0	0.69
36262		07 28 00.92	+26 13 39.1	7.34		H	112.003 843 13	+26.227 519 02		7.61	−9.24	−0.35	0.82	0.61	0.93	0.93	0.51	−6	+24	−42	−10	−27	+14	−13	−33	+17	+15	3	0.84
36263		07 28 01.81	−53 14 12.7	9.27		H	112.007 545 13	−53.236 862 27		2.00	−3.12	26.67	0.84	0.87	0.97	0.86	0.92	+8	+28	+22	−25	−15	−31	−7	−24	+15	−22	0	0.75
36264		07 28 01.92	−26 50 20.4	6.26		H	112.008 005 83	−26.838 996 00		4.91	11.75	9.03	0.38	0.52	0.74	0.46	0.63	+22	−4	−20	−2	−8	+9	−7	−21	+6	+21	3	−0.03
36265		07 28 02.08	+06 56 31.5	5.22		H	112.008 652 88	+06.942 076 94		9.28	−3.38	−44.85	0.91	0.52	0.95	0.80	0.52	−13	+47	−26	−36	−8	−16	−5	−38	+16	−26	0	1.94
36266		07 28 02.63	+39 07 44.0	10.08		H	112.010 974 94	+39.128 879 22		5.57	−5.41	−14.19	1.79	1.18	1.88	2.44	1.18	−23	+36	−38	+42	−10	+2	+9	−5	+12	+20	3	1.07
36267		07 28 02.67	−27 21 57.5	9.81		H	112.011 121 66	−27.365 964 89		2.73	−4.56	3.18	0.77	0.97	1.39	0.91	1.12	+16	−8	−16	+25	+12	−12	+9	−5	−6	+8	1	0.84
36268		07 28 03.06	+25 01 40.8	8.47		G	112.012 764 14	+25.028 000 91		5.87	−6.51	−21.17	1.01	0.71	1.11	1.05	0.65	−9	+27	−25	−6	−5	−14	−9	−21	−2	−8	0	−0.27
36269		07 28 03.10	−38 00 38.9	9.71		G	112.012 927 54	−38.010 809 53		6.66	159.61	−270.15	0.89	0.98	1.13	1.01	1.04	−14	+6	−8	−33	+9	−12	+6	−47	+13	−35	0	1.56
36270		07 28 04.12	+66 29 28.4	7.70		G	112.017 178 99	+66.491 216 32		4.07	−6.62	−55.27	0.64	0.57	0.98	0.68	0.79	+8	+26	−5	+8	+5	+9	+18	−13	+38	+24	0	0.57
36271		07 28 04.13	+55 47 14.0	9.49		H	112.017 188 03	+55.787 209 65		2.13	−1.31	−25.79	1.07	0.92	1.53	1.61	1.47	+4	+17	−7	+1	−36	+5	−33	−5	+19	−10	0	0.62
36272		07 28 04.37	+30 19 22.0	8.96		H	112.018 198 73	+30.322 780 77		21.41	−20.56	−154.23	1.18	0.86	1.33	1.26	0.79	−22	+36	−21	+6	+14	−20	+4	−29	−12	−13	0	1.50
36273		07 28 04.56	−27 19 49.9	9.41		H	112.019 005 51	−27.330 514 61		2.40	−5.76	−1.82	0.75	1.06	1.48	0.84	1.23	+14	+1	−11	+17	−1	−7	−3	−2	−14	+6	0	−1.05
36274		07 28 04.99	−27 12 56.0	9.78		H	112.020 779 78	−27.215 565 24		1.23	−3.29	7.76	0.68	0.93	1.36	0.83	1.18	+17	+2	−11	+15	−3	+3	−4	−11	−5	+15	0	−1.45
36275		07 28 05.31	−19 07 05.4	7.49		H	112.022 107 50	−19.118 161 92		2.48	−6.97	8.26	0.58	0.61	0.81	0.70	0.91	−37	+8	−4	−36	+24	−3	+26	−15	−4	−39	0	0.84
36276		07 28 06.00	−09 17 25.2	8.59		H	112.024 989 41	−09.290 345 54		0.73	0.28	−13.88	0.94	0.68	1.08	1.11	0.74	+26	+27	+3	−18	−5	−9	−4	−30	+3	+28	0	0.46
36277		07 28 06.16	+76 07 20.2	10.53		H	112.025 655 40	+76.122 282 09		21.32	193.56	−333.17	1.11	1.20	1.61	1.42	1.54	+2	+21	−6	+16	−7	+11	−3	+1	+14	+2	3	1.66
36278		07 28 07.31	+15 31 39.2	8.49		H	112.030 463 15	+15.527 558 17		11.15	−42.70	−88.71	0.88	0.59	0.98	0.96	0.65	−17	+19	−6	−15	−3	−15	−6	−26	−15	−10	0	0.83
36279		07 28 08.11	+22 39 07.3	7.91		H	112.033 808 97	+22.652 040 55		3.65	−22.80	−53.02	0.91	0.66	1.11	1.02	0.61	−23	+39	−43	−2	+10	−29	−3	−9	−8	+6	0	−1.19
36280		07 28 08.39	−14 50 25.5	9.22		G	112.034 972 26	−14.840 414 85		2.84	−2.42	0.74	0.82	0.71	1.30	0.95	0.88	−37	+38	−21	−2	+20	−12	+22	−7	+8	−4	0	0.43
36281		07 28 08.65	+46 31 18.5	6.86		H	112.036 057 69	+46.521 812 54		8.80	−12.73	−48.78	0.72	0.50	0.85	0.94	0.60	−21	+35	−10	+4	−15	+15	−2	−43	−1	+9	0	−0.31
36282		07 28 09.03	−29 37 27.7	8.53		H	112.037 620 55	−29.624 350 12		1.14	−2.24	4.97	0.54	0.69	0.89	0.61	0.77	+12	+8	−18	+37	+3	+19	+7	+10	−6	+19	0	−0.82
36283		07 28 09.17	−10 56 41.7	9.15		H	112.038 191 62	−10.944 910 14		1.54	−1.76	1.96	0.98	0.91	1.32	1.04	0.93	−40	+4	−20	−27	+44	−19	+46	−45	−5	−20	0	−0.81
36284		07 28 09.83	+08 55 31.8	4.33	1	H	112.040 956 07	+08.925 503 76		8.20	−59.29	10.76	0.87	0.51	0.93	0.87	0.49	+1	+35	−28	−39	−25	−19	−23	−38	+13	+13	0	1.25
36285		07 28 10.52	+40 39 24.0	7.39		H	112.043 840 95	+40.656 671 57		34.82	92.12	−34.64	1.10	0.64	1.05	1.32	0.65	+11	+46	−15	+19	+0	+0	−1	−10	−7	+28	0	4.09
36286		07 28 10.83	−06 30 55.5	9.14		H	112.045 141 34	−06.515 403 96		2.72	4.90	2.84	1.21	0.80	1.37	1.53	0.98	+22	+9	−27	−33	−16	−2	−16	−33	+12	+50	0	0.92
36287		07 28 11.42	−58 04 22.4	6.52		H	112.047 568 80	−58.072 882 77		4.93	0.93	4.52	0.50	0.51	0.54	0.57	0.55	−5	−1	−4	+12	−11	−1	−13	−18	+21	−15	1	0.51
36288		07 28 11.62	+45 59 26.3	7.27	3	H	112.048 409 93	+45.990 630 36	*	4.03	−8.92	−7.13	2.41	0.90	1.33	3.12	1.10	−29	+29	+9	−77	+7	−4	−12	−64	−25	+20	7	−0.18
36289		07 28 11.66	+45 15 19.8	9.43		H	112.048 577 22	+45.255 510 52		6.30	−6.35	6.90	1.39	0.86	1.56	1.62	1.10	−28	+44	+12	+1	−1	−2	+3	−51	−19	−11	0	−0.40
36290		07 28 12.02	+09 29 55.9	8.80		H	112.050 095 63	+09.498 851 14		23.15	−68.61	−269.43	1.12	0.69	1.26	1.14	0.69	−26	+41	−31	−28	−5	−22	−1	−34	+23	−20	0	−1.27
36291		07 28 12.17	+29 25 30.0	7.67		G	112.050 709 44	+29.425 013 00		3.71	−18.00	−6.37	0.98	0.69	1.14	1.18	0.92	−23	+41	−20	−12	+9	−26	−0	−22	−13	−8	0	1.32
36292		07 28 12.21	−08 27 38.4	8.54		H	112.050 870 65	−08.460 677 48		2.35	−14.77	−5.57	0.98	0.74	1.12	1.38	0.93	+37	−15	−23	−28	−42	−1	−42	−42	+34	+39	2	−1.22
36293	H	07 28 12.34	−27 23 58.8	8.46	2	G	112.051 399 96	−27.399 677 69	*	0.96	−3.85	3.19	0.65	0.76	1.12	0.73	0.90	+17	−15	−9	+29	+7	−12	+3	+1	+3	+6	0	0.05
36294		07 28 16.07	+46 17 10.6	7.93		H	112.066 973 50	+46.286 280 68		20.20	−26.60	−75.96	0.89	0.57	1.04	1.14	0.74	−28	+38	−5	+6	−12	+8	+5	−48	−4	+8	0	0.47
36295		07 28 16.27	+04 02 31.8	8.77		H	112.067 810 53	+04.042 163 00		3.46	−1.59	−0.61	1.19	0.67	1.37	1.38	0.78	+23	+10	−27	−42	−16	−8	−16	−54	+31	+10	2	0.90
36296		07 28 16.90	−11 15 55.0	7.49		H	112.070 410 49	−11.265 288 87		1.82	−5.35	−1.97	0.66	0.60	1.00	0.67	0.63	−40	+5	−6	−9	+48	−13	+55	−42	−11	−14	2	−0.80
36297		07 28 17.46	+55 07 12.3	9.03		H	112.072 762 53	+55.120 076 03		4.50	−3.71	−16.77	0.85	0.70	1.24	1.16	1.04	+22	+21	+20	−12	−33	−19	−35	−14	−11	−10	0	−0.20
36298		07 28 17.59	−43 57 47.2	7.58		H	112.073 275 57	−43.963 120 19		4.36	−7.17	−2.84	0.49	0.49	0.57	0.55	0.60	+2	−2	−3	+20	−11	−2	−12	+12	−13	+5	0	0.18
36299		07 28 18.77	−48 48 46.4	7.98		G	112.078 218 40	−48.812 888 25		1.58	−5.41	8.51	0.57	0.54	0.63	0.65	0.59	+3	+13	+5	−2	−8	+17	−7	+2	+6	−7	1	0.51
36300		07 28 19.10	−24 10 10.0	8.45		H	112.079 591 30	−24.169 456 24		2.57	−1.90	5.09	0.76	0.86	1.15	0.89	1.03	−13	+16	−20	−6	+9	−2	+5	−17	−14	−19	0	0.51

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
36201	10.836	0.043	10.000	0.033		0.736	0.041	T	0.78	0.03	L	10.0801	0.0035	0.032	98		10.04	10.13					1							G
36202	8.310	0.009	8.090	0.009		0.205	0.015	G	0.23	0.02	H	8.1272	0.0014	0.012	116		8.10	8.15		C			1							S
36203	8.391	0.009	8.396	0.012	A	0.062	0.140	G	0.03	0.02	L *	8.3398	0.0013	0.013	123	*	8.32	8.37		D	07273−1130	H 1	2 C B	AB	70	3.144	0.041	3.21	0.14	
36204	9.945	0.022	8.787	0.014		0.994	0.020	T	0.97	0.02	L	8.8431	0.0014	0.015	100		8.81	8.86					1							
36205	8.753	0.021	8.568	0.024	A	0.177	0.030	T	0.19	0.03	L	8.5937	0.0077	0.017	78	A	8.57	8.65		D	07274+0845	I 1	2 C A	AB	78	10.294	0.006	0.64	0.02	S
36206	9.597	0.020	8.465	0.013		0.974	0.019	T	0.96	0.01	L	8.5042	0.0025	0.018	101		8.46	8.53		U			1							
36207	8.323	0.015	7.109	0.011		1.026	0.005	G	1.00	0.00	H	7.1561	0.0011	0.009	54		7.14	7.17		C			1 G							S
36208						1.573	0.043	G	2.71	0.02	A	9.8128	0.0021	0.021	119		9.77	9.85		C			1							G
36209	8.932	0.014	8.698	0.016		0.218	0.021	T	0.24	0.02	L	8.7481	0.0023	0.021	96		8.71	8.79		P 1 A			1							
36210	7.589	0.006	6.797	0.005		0.694	0.014	G	0.73	0.02	A	6.8560	0.0009	0.007	117		6.84	6.87		C			1							S
36211	6.382	0.004	6.457	0.004		−0.064	0.005	T	−0.04	0.01	L	6.4579	0.0007	0.008	128		6.44	6.47					1							S
36212	7.483	0.019	7.495	0.019	A	−0.009	0.002	G	0.01	0.00	H *	7.2276	0.0010	0.007	98	*	7.22	7.24		D	07274+1519	I 1	2 C A	AB	97	2.496	0.004	0.98	0.01	S
36213	9.973	0.018	9.571	0.019		0.380	0.024	T	0.44	0.03	L	9.6695	0.0194	0.161	168		9.34	9.81	0.63	P 1 A			1 S							
36214	11.156	0.065	9.710	0.028		1.219	0.056	T	1.18	0.06	L	9.7269	0.0022	0.018	102		9.69	9.76		C			1							
36215						1.495	0.020	G	2.04	0.12	I	11.2768	0.0068	0.036	57		11.20	11.36		C			1							G
36216	9.948	0.020	8.729	0.012		1.042	0.018	T	1.01	0.01	L	8.7428	0.0018	0.018	131		8.72	8.78					1 S							
36217	9.158	0.014	9.200	0.019		0.000	0.015	G	0.02	0.01	H	9.1854	0.0021	0.021	152		9.14	9.24					1							
36218	7.826	0.005	7.658	0.005		0.161	0.007	T	0.18	0.01	L	7.6916	0.0009	0.011	227		7.67	7.72					1							S
36219	8.965	0.012	8.820	0.014		0.150	0.015	G	0.17	0.01	H	8.8487	0.0018	0.016	116		8.82	8.88		C			1							
36220	9.932	0.040	9.455	0.041		0.449	0.052	T	0.52	0.06	L	9.5113	0.0030	0.016	51		9.49	9.54		C			1							
36221	9.581	0.027	9.017	0.025		0.528	0.033	T	0.60	0.04	L	9.0677	0.0018	0.014	62		9.04	9.10		D			1							
36222	8.371	0.008	8.506	0.011		−0.130	0.015	G	−0.12	0.02	H	8.4916	0.0015	0.022	190		8.46	8.53					1							
36223	8.493	0.010	7.650	0.009		0.757	0.010	T	0.80	0.01	L	7.6936	0.0009	0.012	114		7.68	7.72		D			1							S
36224	8.044	0.013	7.018	0.007		0.900	0.015	G	0.90	0.01	H	7.0776	0.0019	0.009	51		7.06	7.09					1							S
36225	6.786	0.004	6.884	0.005		−0.084	0.006	T	−0.06	0.01	L	6.8936	0.0009	0.011	137		6.88	6.91			07276−1830	I 2	1							S
36226	8.832	0.012	8.640	0.014		0.184	0.017	T	0.20	0.02	L	8.6845	0.0014	0.014	106		8.66	8.71		C			1							
36227	7.942	0.009	7.655	0.008		0.340	0.015	G	0.40	0.02	H	7.7078	0.0021	0.026	137		7.66	7.76		U 2	07276−1830	I 2	1							S
36228	8.645	0.010	8.644	0.013		−0.032	0.004	G	−0.01	0.00	H	8.6912	0.0015	0.012	113		8.67	8.72					1							
36229	10.539	0.040	9.159	0.021		1.168	0.035	T	1.13	0.03	L	9.1976	0.0022	0.018	107		9.17	9.23					1							
36231	9.478	0.017	7.596	0.007		1.564	0.015	T	1.58	0.01	L	7.5474	0.0014	0.011	101		7.53	7.56		C			1							S
36232	9.003	0.021	6.975	0.009		1.680	0.015	G	1.87	0.03	C	6.8748	0.0039	0.020	66		6.85	6.91		U 2	07277+2209	I 1	1							S P
36233	10.097	0.044	8.845	0.026		1.068	0.040	T	1.03	0.03	L	8.9006	0.0024	0.014	51		8.87	8.92		C			1							
36234	7.663	0.008	7.593	0.008		0.063	0.010	T	0.07	0.01	L	7.6124	0.0012	0.009	118		7.60	7.64					1							S
36235	7.659	0.007	7.811	0.010		−0.139	0.007	G	−0.13	0.01	H	7.8166	0.0011	0.008	98		7.80	7.83					1							S
36236	5.855	0.003	5.957	0.004		−0.088	0.004	T	−0.07	0.01	L	5.9518	0.0007	0.006	100		5.94	5.96		C			1							S
36237	9.360	0.019	8.343	0.013	*	0.887	0.017	T	0.89	0.01	L *	8.4277	0.0019	0.015	101	*	8.40	8.46		D	07277+6301	I 1	2 C A	AB	345	7.366	0.014	2.33	0.08	
36238	5.765	0.003	5.290	0.004	A	0.455	0.015	G	0.51	0.01	L *	5.3365	0.0008	0.005	58	*	5.33	5.35			07277+2127	I 1	2 C C	AD	97	3.862	0.067	3.89	0.36	S
36239	9.430	0.013	8.393	0.009	A	0.993	0.142	G	0.93	0.01	L *	8.4113	0.0021	0.022	174	*	8.38	8.46			07277−2446	H 1	2 C C	AB	40	1.491	0.074	3.76	0.31	
36240	10.648	0.036	8.866	0.015		1.484	0.031	T	1.50	0.05	L	8.7940	0.0016	0.016	123		8.76	8.82					1							
36241	11.864	0.110	11.016	0.083		0.761	0.104	T	0.80	0.07	L	11.2250	0.0053	0.040	110		11.15	11.28		C			1 X							G
36242	11.186	0.060	10.501	0.053		0.990	0.020	G	0.97	0.02	H	10.4667	0.0031	0.028	121		10.42	10.51					1							G
36243	8.496	0.016	7.461	0.012		0.925	0.003	G	0.92	0.00	H	7.5019	0.0013	0.009	55		7.49	7.52					1							S
36244	9.070	0.014	9.027	0.017		0.044	0.020	T	0.06	0.02	L	9.0435	0.0018	0.016	108		9.01	9.07		C			1							
36245	10.652	0.046	9.285	0.024		1.158	0.041	T	1.12	0.04	L	9.2692	0.0025	0.019	82		9.23	9.31		C			1							
36246	6.937	0.004	7.078	0.005	A	−0.119	0.001	G	−0.10	0.00	H *	7.0461	0.0017	0.019	178	*	7.02	7.07	0.94	P 1 A	07278−2822	I 1	2 C A	AB	274	1.670	0.016	3.77	0.10	S
36247	9.594	0.018	9.313	0.021		0.272	0.002	G	0.31	0.00	H	9.3317	0.0019	0.019	139		9.30	9.37		C			1							
36248	9.483	0.022	8.948	0.021		0.460	0.015	G	0.53	0.02	H	8.9935	0.0021	0.013	82		8.97	9.02		C			1							
36249	8.137	0.007	7.325	0.006		0.734	0.007	T	0.78	0.01	L	7.3832	0.0011	0.009	119		7.37	7.40		C			1							S
36250	8.625	0.010	8.488	0.011		0.124	0.014	T	0.14	0.01	L	8.5129	0.0025	0.033	136		8.47	8.59		U 2			1							
36251	6.558	0.007	5.925	0.005	*	0.583	0.007	T	0.65	0.01	L *	5.9204	0.0030	0.022	123	*	5.88	5.95		U 2	07279−1133	I 1	2 C A	AB	169	0.799	0.002	0.93	0.01	S W
36252	8.269	0.009	8.273	0.011		−0.008	0.002	G	0.01	0.00	H	8.2796	0.0014	0.016	107		8.26	8.31		C			1							
36253	9.031	0.016	8.927	0.019		0.101	0.023	T	0.11	0.03	L	8.9519	0.0016	0.014	90		8.92	8.97		C			1							
36254	10.230	0.025	8.705	0.013		1.282	0.022	T	1.24	0.02	L	8.7238	0.0018	0.019	149		8.69	8.76		C			1							
36255	9.674	0.019	9.196	0.018		0.463	0.020	T	0.53	0.02	L	9.2328	0.0021	0.022	136		9.19	9.29					1							
36256	8.701	0.014	7.589	0.010		0.958	0.013	T	0.95	0.01	L	7.6398	0.0016	0.013	111		7.61	7.66		C			1							
36257	10.645	0.042	9.356	0.022		1.096	0.037	T	1.06	0.04	L	9.4221	0.0018	0.021	128		9.38	9.46					1 S							
36258	5.482	0.002	5.539	0.002		−0.048	0.002	T	−0.03	0.00	L	5.5418	0.0005	0.006	180		5.53	5.55					1							S
36259	8.912	0.013	7.752	0.009		0.996	0.012	T	0.97	0.01	L	7.8171	0.0012	0.012	112		7.80	7.84		C			1							
36260	8.198	0.009	7.019	0.008		1.011	0.009	T	0.99	0.01	L	7.0575	0.0011	0.010	102		7.04	7.08					1							S
36261	9.996	0.029	8.453	0.015		1.296	0.026	T	1.26	0.03	L	8.4524	0.0018	0.014	86		8.43	8.47		C			1							
36262	7.508	0.011	7.368	0.009		0.135	0.013	T	0.15	0.01	L	7.3908	0.0015	0.010	56		7.38	7.41		C			1							S
36263	10.726	0.039	9.374	0.021		1.146	0.035	T	1.11	0.03	L	9.4387	0.0027	0.018	97		9.41	9.47		C			1							
36264	8.253	0.007	6.435	0.004		1.513	0.006	T	1.55	0.01	L	6.3866	0.0008	0.009	201		6.37	6.40			07280−2650	I 1	1 S							S
36265	5.507	0.003	5.261	0.003		0.221	0.009	G	0.24	0.01	H	5.2924	0.0007	0.005	69		5.28	5.30		C	07280+0657	I 1	1 S							S
36266	10.312	0.046	10.105	0.061		0.198	0.072	T	0.22	0.08	L	10.1383	0.0037	0.024	55		10.11	10.20					1 S							G
36267	9.856	0.018	9.798	0.025		0.052	0.027	T	0.06	0.02	L	9.8323	0.0023	0.025	173		9.80	9.89					1 S							G
36268	8.825	0.016	8.479	0.017		0.353	0.003	G	0.41	0.00	H	8.5384	0.0015	0.011	61		8.52	8.57		C			1							
36269	10.237	0.029	9.740	0.028		0.473	0.032	G	0.54	0.03	H	9.8171	0.0023	0.021	111		9.79	9.85		C			1 S							G
36270	8.033	0.008	7.722	0.008		0.290	0.015	G	0.33	0.02	H	7.7745	0.0016	0.014	120		7.76	7.80					1							S
36271	10.967	0.051	9.566	0.024		1.184	0.044	T	1.14	0.04	L	9.6560	0.0022	0.024	117		9.61	9.71					1 S							
36272	10.051	0.042	9.011	0.028		0.894	0.040	T	0.90	0.03	L	9.1065	0.0016	0.016	62		9.08	9.13		C			1							
36273	9.548	0.014	9.383	0.016		0.158	0.020	T	0.17	0.02	L	9.4711	0.0026	0.027	174		9.43	9.51					1 S							G
36274	9.771	0.017	9.777	0.024		−0.001	0.027	T	0.02	0.03	L	9.7857	0.0024	0.026	174		9.75	9.84					1							G
36275	7.365	0.006	7.466	0.007		−0.087	0.008	T	−0.07	0.01	L	7.4625	0.0013	0.011	133		7.44	7.49		C			1							S
36276	10.517	0.037	8.702	0.015		1.510	0.032	T	1.54	0.05	L	8.7134	0.0018	0.014	89		8.69	8.74		C			1							
36277	11.671	0.088	10.690	0.061		0.848	0.083	T	0.86	0.06	L	10.6705	0.0040	0.042	141		10.57	10.73					1							G
36278	9.093	0.016	8.533	0.014		0.524	0.019	T	0.60	0.02	L	8.5998	0.0017	0.014	93		8.57	8.62					1							
36279	9.330	0.023	8.057	0.014		1.084	0.021	T	1.05	0.02	L	8.0833	0.0013	0.009	64		8.07	8.10		C			1							
36280	9.402	0.013	9.186	0.016		0.190	0.020	G	0.21	0.02	H	9.2643	0.0015	0.016	134		9.24	9.29		C			1							
36281	6.989	0.005	6.874	0.006		0.111	0.007	T	0.12	0.01	L	6.9004	0.0009	0.011	116		6.89	6.92		C			1							S
36282	8.419	0.009	8.527	0.012		−0.093	0.013	T	−0.07	0.01	L	8.5070	0.0015	0.016	165		8.48	8.53					1 S							
36283	9.229	0.017	9.177	0.021		0.053	0.025	T	0.07	0.02	L	9.1729	0.0023	0.017	98		9.15	9.21					1							
36284	6.182	0.005	4.492	0.003		1.425	0.009	G	1.48	0.02	A	4.4592	0.0014	0.011	81		4.44	4.47		U 2	07281+0856	I 1	1							S
36285	8.243	0.016	7.472	0.008		0.702	0.014	T	0.76	0.01	L	7.5311	0.0016	0.010	47		7.52	7.55		C			1							S
36286	10.497	0.047	9.238	0.026		1.073	0.042	T	1.04	0.03	L	9.3116	0.0020	0.015	75		9.28	9.34		C			1							
36287	7.701	0.006	6.619	0.004		0.936	0.006	T	0.93	0.00	L	6.6824	0.0008	0.007	95		6.67	6.69		C			1							S
36288	9.246	0.015	7.528	0.007		1.462	0.014	T	3.66	0.02	O	6.8979	0.0051	0.258	97		6.34	7.09		U 2 B			1 V							
36289	10.210	0.031	9.550	0.028		0.612	0.035	T	0.68	0.03	L	9.5633	0.0022	0.020	96		9.53	9.60		C			1							
36290	9.790	0.024	8.892	0.018		0.760	0.015	G	0.80	0.01	H	8.9437	0.0013	0.012	87		8.92	8.97					1 S							
36291	7.967	0.011	7.689	0.013		0.254	0.015	G	0.29	0.02	H	7.7381	0.0016	0.011	61		7.72	7.75		C			1 G							S
36292	8.602	0.013	8.541	0.016		0.061	0.019	T	0.07	0.01	L	8.5651	0.0021	0.014	80		8.54	8.60					1 S							
36293	8.302	0.007	8.414	0.009	*	−0.100	0.015	G	−0.08	0.02	H *	8.4160	0.0019	0.020	187	*	8.38	8.45		U	07282−2724	H 1	2 C S B	AB	129	0.145	0.044	1.63	0.81	
36294	8.665	0.011	7.999	0.010		0.599	0.015	G	0.67	0.01	H	8.0613	0.0011	0.011	117		8.04	8.08		C			1							S
36295	10.299	0.030	8.893	0.016		1.188	0.027	T	1.15	0.02	L	8.9380	0.0017	0.016	120		8.91	8.97		C			1							
36296	7.402	0.006	7.474	0.008		−0.061	0.015	G	−0.04	0.01	H	7.4795	0.0009	0.009	115		7.46	7.49					1							S
36297	10.359	0.027	9.139	0.016		1.043	0.024	T	1.01	0.02	L	9.1981	0.0016	0.015	112		9.17	9.23		C			1							
36298	7.516	0.006	7.571	0.008		−0.051	0.001	G	−0.03	0.00	H	7.5712	0.0011	0.012	116		7.56	7.59					1							S
36299	7.977	0.009	7.986	0.013		0.019	0.003	G	0.04	0.00	H	7.9849	0.0012	0.010	113		7.97	8.00		C			1							S
36300	8.364	0.011	8.433	0.014		−0.058	0.016	T	−0.04	0.02	L	8.4352	0.0020	0.018	92		8.40	8.47		C			1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
36301		07 28 21.34	+48 03 36.1	8.02		H	112.088 906 21	+48.060 037 22		3.83	−6.02	−21.45	1.17	0.81	1.22	1.21	1.05	−3	+41	−6	−36	−15	−4	−15	−57	+3	−15	0	−0.60
36302		07 28 22.08	−58 32 10.0	8.77		H	112.092 017 90	−58.536 109 48		12.66	−30.10	−5.36	0.70	0.76	0.78	0.77	0.86	+4	−2	−1	+8	−12	+3	−16	−22	+25	−9	0	1.94
36303		07 28 22.20	−07 09 32.1	7.74		G	112.092 498 09	−07.158 913 96		6.17	−37.54	−8.71	0.90	0.58	1.04	1.08	0.69	+10	+32	−11	−20	−1	−9	+5	−24	+23	+7	0	−0.91
36304		07 28 22.98	−37 48 36.2	6.54		H	112.095 764 37	−37.810 054 48		9.43	−0.58	−46.85	0.45	0.52	0.57	0.54	0.68	−8	−1	−10	−17	+12	+4	+12	−45	+6	−22	0	1.19
36305		07 28 23.24	−35 15 36.4	7.48		H	112.096 837 02	−35.260 107 17		8.83	−7.01	−19.65	0.47	0.52	0.65	0.51	0.64	−2	−2	−12	+18	−2	−8	−4	+7	+1	−11	1	0.34
36306		07 28 23.92	+61 52 39.5	7.34		H	112.099 675 13	+61.877 648 35		7.33	−1.44	−40.08	0.63	0.48	0.87	0.80	0.73	+25	+29	+15	+7	+4	+9	+8	+0	+27	−3	1	−0.35
36307		07 28 24.81	+21 32 58.0	7.15		H	112.103 373 80	+21.549 455 28		5.96	−126.12	−26.78	0.92	0.63	1.03	0.92	0.54	−12	+35	−30	−4	−19	+9	−9	−30	+11	+2	0	0.02
36308		07 28 25.26	+66 52 19.7	8.01		H	112.105 266 60	+66.872 125 83		1.60	−1.18	0.43	0.55	0.66	1.08	0.62	0.83	−1	+18	−4	−12	+11	−2	+16	−11	+30	+22	0	−1.34
36309		07 28 25.78	+03 23 34.8	7.78		H	112.107 418 79	+03.393 008 49		3.70	12.61	−29.58	0.89	0.50	1.01	1.01	0.54	+18	+24	−6	−14	−2	−14	−1	−43	+12	+16	1	0.81
36310		07 28 25.83	+04 09 11.8	8.15		H	112.107 630 16	+04.153 281 65		21.33	−148.47	−38.69	1.08	0.59	1.19	1.10	0.64	+29	+9	−28	−49	−18	−21	−23	−54	+29	+5	0	−0.39
36311		07 28 26.41	−12 57 21.9	7.94		H	112.110 034 84	−12.956 078 49		2.65	−3.81	1.19	0.70	0.63	1.02	0.78	0.63	−14	+11	−21	−12	+26	−6	+27	−33	+6	+3	2	0.22
36312		07 28 30.08	−49 08 59.3	8.80		G	112.125 342 64	−49.149 804 05		11.15	−25.25	45.14	0.73	0.70	0.83	0.82	0.75	+8	+25	+19	−3	−1	+14	−4	−10	+1	−8	0	0.88
36313	H	07 28 30.38	+36 07 30.7	10.04		H	112.126 571 73	+36.125 197 01	A	−3.86	−9.28	−5.46	7.00	4.35	6.35	9.17	3.30	+8	−14	−37	+2	−14	+24	−3	−34	+25	+30	0	1.40
36314		07 28 30.49	+40 58 13.4	9.69	3	T	112.127 054 57	+40.970 392 00	*	0.50	−10.04	0.62	4.23	2.23	3.23	5.91	2.36	−7	+67	−20	−50	+13	−29	+4	−55	−1	−27	0	−0.07
36315		07 28 31.34	+42 45 09.2	7.89		H	112.130 578 57	+42.752 559 07	A	4.50	−19.77	−25.97	2.76	2.06	2.33	3.89	1.74	+7	+8	−40	+31	+18	+11	+28	−7	−4	+42	10	2.14
36316		07 28 31.90	−33 28 41.7	9.05		H	112.132 898 03	−33.478 240 34		1.32	−9.97	12.65	0.75	0.79	1.04	0.89	1.07	−12	+6	−15	+16	−13	+17	−12	−1	−13	−9	0	0.83
36317		07 28 32.42	+42 45 06.4	9.99		H	112.135 081 34	+42.751 779 10	B	13.46	−7.63	−17.61	22.74	16.19	14.56	22.90	10.37	+21	+1	−36	+47	+26	+19	+41	+5	+0	+46	10	2.14
36318		07 28 33.12	−39 26 47.3	8.23		H	112.137 980 42	−39.446 477 67		2.91	1.18	−4.79	0.60	0.61	0.79	0.67	0.67	−6	+7	+0	+21	−10	+21	−13	−8	−11	−17	0	1.51
36319		07 28 33.50	+19 39 13.1	9.26		G	112.139 573 22	+19.653 647 38		23.47	115.56	−248.57	1.56	0.84	1.64	1.86	1.13	−55	+33	−18	−32	+8	−27	+4	−29	+8	−24	0	0.71
36320		07 28 34.35	−10 02 37.5	6.63	1	H	112.143 115 96	−10.043 757 65		1.76	−10.20	2.84	0.72	0.55	0.80	0.74	0.55	−10	−1	−15	−31	+27	−15	+27	−39	−15	+5	2	1.17
36321		07 28 35.31	−63 27 35.8	8.15		H	112.147 107 26	−63.459 950 68		3.40	−26.34	42.29	0.67	0.60	0.67	0.82	0.69	−2	+5	+5	−10	−6	+4	−5	−15	+14	−18	0	0.68
36322	H	07 28 35.82	+31 51 50.1	8.70		H	112.149 234 95	+31.863 927 37	*	3.71	−9.60	−17.06	1.49	0.99	1.56	1.90	0.98	−35	+37	−33	+31	−14	−1	−2	−10	+8	−6	0	−0.22
36323		07 28 36.53	−26 29 06.3	9.08		G	112.152 227 04	−26.485 084 80		2.96	−10.46	3.61	0.57	0.85	1.18	0.65	1.05	+12	−3	−17	+24	−13	+6	−11	−19	+8	+18	0	0.86
36324		07 28 38.91	+88 38 13.8	9.24		H	112.162 126 96	+88.637 178 25		6.57	−0.18	−37.98	0.74	0.76	0.84	0.85	0.85	+20	+4	−5	+25	+17	+2	+17	+21	+5	+29	0	0.87
36325		07 28 39.89	+27 33 10.4	6.36		H	112.166 216 22	+27.552 879 54		10.16	17.01	24.23	0.94	0.72	1.06	1.19	0.58	+9	+19	−47	−31	−38	+20	−22	−52	+15	+37	0	1.16
36326		07 28 40.62	+24 38 55.6	7.61		G	112.169 230 97	+24.648 778 12		8.59	11.70	−68.33	0.88	0.64	1.07	1.02	0.54	−13	+27	−43	+1	+12	−33	−2	−15	−7	+4	3	0.46
36327		07 28 40.93	+64 35 25.6	8.95		H	112.170 553 89	+64.590 440 43		4.61	2.43	1.60	0.96	0.85	1.45	1.10	1.27	+22	+36	−1	−12	−1	+2	+15	−23	+20	+64	1	2.82
36328		07 28 41.04	−29 07 07.0	6.67		H	112.171 000 56	−29.118 622 73		8.87	58.37	−23.17	0.37	0.49	0.66	0.43	0.58	+15	+8	−13	+16	+1	+27	+6	−6	+9	+17	0	−0.94
36329		07 28 41.09	−21 48 16.9	7.28	2	H	112.171 218 75	−21.804 682 91		0.63	−4.55	6.29	0.61	0.64	0.91	0.82	0.92	−11	+3	−20	+9	+1	−19	−1	+20	+6	−26	0	−0.64
36330		07 28 41.76	−20 38 50.0	9.13		H	112.173 985 13	−20.647 234 01		3.23	−2.99	4.12	0.73	0.87	1.23	1.01	1.46	−31	+9	−13	−29	+17	−12	+19	−19	+5	−50	0	−0.02
36331		07 28 41.94	+02 17 00.8	7.39		H	112.174 740 11	+02.283 546 83		6.98	−4.62	−27.25	0.81	0.46	0.84	0.84	0.45	+38	+22	+2	−38	−27	−17	−27	−51	+8	+20	0	1.36
36332		07 28 42.15	−27 54 14.3	8.49		H	112.175 640 50	−27.903 975 52		6.85	16.71	−50.90	0.62	0.79	1.10	0.75	0.93	+16	+15	−6	+28	+10	−3	+9	+2	+14	+8	0	−0.85
36333		07 28 42.55	+63 52 29.2	7.59		G	112.177 272 57	+63.874 777 11		14.39	19.37	20.75	0.71	0.58	1.00	1.01	0.97	+4	+19	−4	+16	−6	+26	+1	−11	+30	+15	4	−1.97
36334		07 28 43.57	+47 55 15.4	6.66	2	H	112.181 547 96	+47.920 930 93		4.81	−40.45	−73.00	0.70	0.58	0.89	0.84	0.66	−38	+34	−7	−16	−5	+2	+0	−43	−6	−26	2	0.24
36335		07 28 44.12	+34 26 13.0	7.45		H	112.183 815 00	+34.436 950 05		4.75	−31.50	−12.05	1.07	0.63	1.04	1.22	0.66	+9	+40	−14	+26	−3	+5	−2	−3	−6	+23	0	1.64
36336		07 28 44.35	−55 03 29.6	9.95		H	112.184 811 77	−55.058 208 43		6.65	−33.18	77.16	0.93	0.85	0.96	1.19	0.89	−9	+11	+5	+11	+4	+16	−1	−12	+3	−25	0	1.48
36337		07 28 44.52	+38 20 30.7	10.44		H	112.185 514 43	+38.341 871 76		3.25	25.27	−20.60	2.07	1.44	2.20	2.39	1.33	−11	+37	−37	+17	−14	+14	−5	−22	+5	+5	3	−0.43
36338		07 28 45.18	−03 17 46.4	11.47		G	112.188 259 96	−03.296 226 88		79.65	435.61	−794.36	2.41	1.55	2.61	3.24	1.91	+15	+17	−9	−42	−14	+1	−13	−49	+6	+31	0	1.26
36339		07 28 46.78	+07 55 40.2	7.95		G	112.194 917 98	+07.927 832 94		7.62	−55.05	−39.37	1.00	0.64	1.13	0.99	0.61	−20	+35	−12	−13	−16	−3	−6	−26	+22	−24	0	2.11
36340		07 28 47.26	+15 06 35.5	6.23		H	112.196 908 19	+15.109 859 83		4.24	−7.54	−15.35	0.70	0.43	0.76	0.64	0.40	−11	+38	−21	−14	−10	−7	−11	−30	+3	−11	0	−0.82
36341		07 28 47.53	−61 36 18.8	9.30		H	112.198 022 20	−61.605 212 26		2.81	−12.79	1.24	0.85	0.87	0.91	0.97	1.00	+1	+0	+5	+10	+1	+0	+0	+2	−10	−14	0	−0.96
*36342		07 28 47.60	−29 30 31.6	8.21		H	112.198 322 55	−29.508 776 70		3.22	−2.82	11.76	0.51	0.65	0.84	0.58	0.77	+14	+5	−9	+30	+3	+19	+5	+3	+6	+17	0	−1.25
*36343		07 28 47.54	+43 58 42.2	9.21		H	112.198 064 34	+43.978 397 55		1.58	−7.26	−16.20	1.42	1.07	1.63	1.85	1.06	−27	+42	−43	+23	−5	+10	+11	−32	+13	+6	0	−0.94
36344		07 28 50.06	+58 07 42.1	10.22		H	112.208 589 37	+58.128 359 72		8.46	−75.77	−83.79	1.09	0.99	1.69	1.27	1.31	−16	+24	−8	+39	+7	+1	−1	−1	+3	−39	0	0.01
36345	H	07 28 51.16	−31 50 54.3	5.95		H	112.213 165 05	−31.848 411 56	A	5.60	−11.55	4.40	0.68	0.84	0.92	0.73	0.91	+9	−6	−9	+15	−2	+15	+0	−2	+5	+13	12	2.44
*36346		07 28 51.40	−64 30 35.2	6.38		G	112.214 172 99	−64.509 784 10		4.79	5.36	−8.40	0.47	0.47	0.49	0.52	0.50	−3	−1	+4	+7	−9	+6	−14	−20	+15	−18	1	1.45
*36347		07 28 51.35	−24 08 28.1	9.99		G	112.213 938 57	−24.141 128 66		27.48	−77.26	96.96	1.22	1.45	1.82	1.39	1.64	−21	+20	−10	−20	+4	−1	+3	−22	−4	−28	0	0.72
*36348	H	07 28 51.49	+48 11 02.5	5.70		H	112.214 521 04	+48.184 037 58	A	7.95	−3.18	−44.36	0.78	0.67	0.88	0.90	0.67	−23	+35	−10	−37	−25	−1	−18	−30	+6	−3	2	1.03
*36349	H	07 28 51.46	−30 14 47.4	9.96	2	H	112.214 413 65	−30.246 498 13	A	64.24	−130.94	−131.42	2.39	4.35	2.68	2.02	2.53	−31	+4	+3	+20	+4	+12	−1	+13	+6	+10	0	1.30
36350		07 28 52.03	+22 48 55.9	9.05		H	112.216 805 34	+22.815 541 12		−0.82	−2.37	−5.59	1.19	0.93	1.40	1.32	0.91	−34	+34	−40	−16	+20	−26	+10	−27	−4	−15	0	−1.40
36351		07 28 52.66	+46 18 53.2	6.42		H	112.219 422 10	+46.314 777 33		9.67	−41.60	−65.70	0.80	0.49	0.91	0.98	0.61	−13	+45	+7	+3	−20	+5	−13	−43	−16	+11	0	−1.13
36352		07 28 53.65	−58 15 47.0	10.97		G	112.223 562 23	−58.263 051 62		27.82	144.24	−137.99	1.46	1.53	1.62	1.68	1.69	−3	+21	−5	+8	−7	+7	−4	−30	+24	−11	5	1.04
36354		07 28 56.27	+33 27 19.4	9.68		H	112.234 445 13	+33.455 389 21		6.92	−71.94	−118.85	1.66	1.04	1.79	1.94	1.07	+3	+37	−21	+15	−11	+5	+1	−9	+16	+25	0	1.41
36355		07 28 56.69	−34 55 06.2	6.92		H	112.236 201 37	−34.918 390 48		3.26	−8.53	7.61	0.43	0.47	0.60	0.50	0.60	+2	+14	−13	+2	−4	−11	−7	+1	−7	−5	0	0.04
36356		07 28 58.43	+74 08 53.6	7.81		G	112.243 459 32	+74.148 227 07		1.88	−8.78	−11.31	0.48	0.50	0.79	0.51	0.62	+9	+14	−12	+0	−9	+14	−5	−14	+15	+25	0	−1.77
36357		07 29 01.66	+31 59 36.3	7.73		G	112.256 917 54	+31.993 415 30		56.98	160.40	174.68	1.51	0.73	1.24	1.56	1.02	−2	+41	−4	+27	−21	−7	−24	+3	+8	−4	6	1.75
36358		07 29 02.98	+50 44 59.4	9.15		H	112.262 400 44	+50.749 834 99		2.82	1.97	−11.11	1.12	0.82	1.39	1.31	1.08	−24	+42	−16	−3	−29	−11	−23	−12	+12	−13	0	−0.74
36359		07 29 03.14	−26 59 16.2	8.97		H	112.263 086 90	−26.987 838 49		3.50	−5.12	6.33	0.64	0.87	1.25	0.72	1.04	+11	−4	−15	+23	−1	+1	−1	−3	−1	+10	2	0.51
36360		07 29 03.16	−12 21 07.6	8.70		H	112.263 177 63	−12.352 098 48		4.40	−5.52	−0.86	0.72	0.69	1.04	0.72	0.66	−22	+17	−9	−9	+25	−16	+28	−34	−10	+9	0	0.31
36361		07 29 04.91	+03 48 19.0	8.07		H	112.270 478 23	+03.805 277 57		3.86	−11.57	−0.86	1.01	0.53	1.18	1.25	0.65	+12	+25	−21	−24	−6	−15	−3	−44	+22	+16	2	1.78
36362		07 29 04.92	−31 27 22.4	5.78		H	112.270 505 32	−31.456 229 52		2.85	−10.44	5.47	0.34	0.43	0.56	0.40	0.54	+9	−2	−16	+0	−3	+3	−2	+5	−15	+6	1	−0.60
36363		07 29 05.71	−38 48 43.6	5.41		H	112.273 795 83	−38.812 104 90		5.86	−21.01	16.42	0.39	0.43	0.51	0.40	0.47	+5	+4	−5	+1	−6	+8	−8	−21	−2	−5	3	0.39
36364	H	07 29 05.79	−18 52 30.8	6.94		H	112.274 113 39	−18.875 219 56	A	2.48	−5.19	2.23	0.71	0.73	0.97	0.71	0.92	−41	+14	−15	−38	+3	−7	+3	−9	+3	−49	1	0.35
36365		07 29 06.55	+01 30 07.4	7.70		H	112.277 306 19	+01.502 058 12		3.17	−7.48	8.44	0.78	0.46	0.95	0.90	0.50	+6	+29	−21	−3	−9	−6	−1	−35	+25	+14	0	0.04
36366		07 29 06.61	+31 47 02.7	4.16		H	112.277 540 45	+31.784 079 32		54.06	159.33	193.82	0.98	0.56	0.95	1.26	0.46	+3	+34	−11	+23	−14	−5	−5	−38	−12	+27	4	0.03
36367		07 29 09.59	−11 02 57.6	9.18		H	112.289 938 19	−11.049 332 91		2.13	−1.17	−1.69	0.97	0.93	1.51	1.04	1.05	−48	+13	−20	−24	+48	−23	+48	−40	−7	−36	0	0.65
36368		07 29 09.65	+41 42 32.4	9.65		H	112.290 204 21	+41.709 003 43		5.88	−30.43	−32.44	1.63	1.18	1.79	2.85	1.24	+13	+9	−36	+6	−6	+27	+7	−26	+12	+45	0	−0.49
36369		07 29 10.77	+20 54 42.5	10.53	2	G	112.294 866 36	+20.911 797 48		0.87	−1.63	1.95	3.90	2.38	4.35	3.89	2.52	−30	+40	−27	−4	−13	+13	−6	−22	+6	−15	0	
36370		07 29 11.14	+20 56 21.8	8.24		H	112.296 432 69	+20.939 391 53		1.42	−9.09	−2.38	1.10	0.57	1.21	1.09	0.69	−37	+53	−29	+5	−21	+7	−13	−12	+4	−7	0	−0.71
36371		07 29 11.33	+12 45 36.2	6.58		H	112.297 216 13	+12.760 066 90		9.61	−7.92	−18.61	0.76	0.47	0.93	0.92	0.52	−27	+47	−41	−10	+15	−36	+4	−12	−5	+20	2	−0.35
36372		07 29 12.56	−16 09 00.8	8.85	2	H	112.302 327 98	−16.150 234 76		3.81	−11.99	0.81	0.81	0.75	1.26	0.98	0.89	−9	+39	−26	+9	+18	−24	+15	+12	+6	+18	0	−1.31
36373		07 29 12.67	−32 44 46.3	8.36		H	112.302 794 19	−32.746 187 06		1.61	−3.28	13.40	0.61	0.69	0.86	0.72	0.93	+1	+7	−19	+28	+4	+7	+5	+3	−8	−1	0	−0.70
36374		07 29 12.87	+11 34 52.4	7.00		H	112.303 608 32	+11.581 236 05		6.87	−27.36	10.08	0.87	0.52	0.88	0.86	0.50	+0	+30	−15	−41	−12	−13	−14	−42	−5	+0	2	0.91
36375		07 29 13.01	−35 22 40.1	9.47		H	112.304 215 56	−35.377 804 46		0.11	−8.81	19.67	0.82	0.92	1.17	0.99	1.15	−3	+11	−9	+6	+6	+3	+5	−3	+5	−19	0	−0.85
36376		07 29 13.42	+14 21 30.1	7.17		H	112.305 930 79	+14.358 350 90		3.73	−4.60	−2.99	0.84	0.48	0.92	0.82	0.46	−10	+46	−21	−2	−25	+6	−17	−22	+5	−1	0	−0.22
36377		07 29 13.88	−43 18 06.8	3.25	1	H	112.307 826 30	−43.301 891 29	+	17.74	−59.86	188.73	0.42	0.41	0.47	0.41	0.46	−3	+15	−5	+0	+0	−8	−2	+4	+1	−2	1	0.71
36378		07 29 13.94	−41 53 04.3	9.59		H	112.308 090 52	−41.884 533 85		8.20	−16.05	52.40	0.76	0.88	0.97	0.78	1.09	−9	+18	−1	−6	−6	−7	−3	+25	−9	−22	0	1.12
36379		07 29 14.64	−30 38 37.9	7.90	1	H	112.311 019 57	−30.643 848 95		1.52	−2.71	18.84	0.51	0.61	0.80	0.62	0.75	+15	+10	+0	+9	+4	+2	+1	−9	−17	+11	0	−0.75
36380		07 29 14.94	+54 05 15.7	9.68		H	112.312 240 11	+54.087 687 86		0.84	1.13	0.13	1.17	0.97	1.54	1.61	1.36	+2	+19	−4	−27	−25	+7	−25	−33	−5	+4	0	−0.24
36381		07 29 17.16	−34 10 17.1	7.32	1	H	112.321 482 79	−34.171 423 20		9.84	−26.69	3.23	0.47	0.58	0.71	0.49	0.73	+3	+0	−23	+0	−16	+11	−17	+0	+8	+7	1	0.20
36382		07 29 17.54	+44 27 41.9	9.72		H	112.323 089 44	+44.461 650 67		9.72	18.30	−39.93	1.42	1.15	1.54	1.91	1.36	−31	+24	−3	+9	+23	−2	+28	−45	−5	−13	0	0.49
36383		07 29 17.83	+31 13 43.2	10.38		H	112.324 307 26	+31.228 671 39		2.23	−9.95	−2.77	1.69	1.28	1.83	2.16	1.43	−3	+19	−10	+1	−19	+14	−15	−13	+5	−11	0	0.82
36384	H	07 29 17.91	+03 22 49.2	7.63		G	112.324 631 89	+03.380 339 02	A	8.66	−8.76	−10.35	1.29	0.79	1.27	1.27	0.72	+12	+38	−2	−19	−7	−20	−7	−27	+12	−3	1	0.13
36385		07 29 18.10	+11 01 28.3	7.63	1	H	112.325 436 81	+11.024 526 63		4.45	−2.74	5.97	0.98	0.62	0.97	0.93	0.57	−30	+24	−20	−45	+15	−8	+15	−52	+7	−32	0	0.09
36386		07 29 18.17	+22 47 19.3	7.72	2	H	112.325 718 30	+22.788 693 60		1.73	8.16	−23.80	0.94	0.67	1.08	0.99	0.63	−33	+43	−38	−17	+8	−25	−1	−22	−4	−10	0	−0.91
36387		07 29 18.58	+12 26 55.8	8.02		H	112.327 399 76	+12.448 839 82		6.82	11.40	−26.76	0.92	0.53	1.01	1.04	0.61	−19	+46	−26	−19	+2	−25	−3	−22	−1	+10	2	0.74
36388		07 29 18.68	−01 54 19.1	5.60		H	112.327 813 98	−01.905 307 04		2.00	−11.58	−9.00	0.77	0.45	0.94	0.75	0.45	−2	+50	−25	+2	−12	+4	+5	−35	+23	+24	0	−1.48
36389		07 29 18.86	+06 34 55.5	6.58		H	112.328 563 20	+06.582 090 95		7.14	−49.09	8.49	0.86	0.54	0.95	0.80	0.52	−23	+47	−28	−32	+3	−21	+4	−40	+17	−30	0	−0.08
36390		07 29 19.45	−13 08 21.0	7.16		H	112.331 044 62	−13.139 161 38		3.79	−2.46	−1.86	0.66	0.57	1.01	0.76	0.61	−4	+5	−31	+0	+28	−20	+29	−18	−9	+25	0	−1.53
36391		07 29 19.48	−14 18 30.2	9.26		G	112.331 172 18	−14.308 377 65		3.35	−5.62	−5.09	0.80	0.72	1.20	0.93	0.86	−31	+12	−16	−11	+29	−20	+29	−20	−11	+2	0	1.19
36392		07 29 20.39	−17 20 41.7	7.15		G	112.334 953 81	−17.344 920 83		13.37	20.20	−11.42	0.58	0.55	0.87	0.69	0.74	+0	+25	−24	+5	+15	−26	+8	+21	−5	+18	0	2.40
36393		07 29 20.46	+28 07 06.3	5.07		H	112.335 263 92	+28.118 403 80		20.00	−33.30	−52.91	1.02	0.69	0.97	1.32	0.60	+33	+17	−35	−47	−44	+6	−39	−56	+3	+50	3	2.24
36394		07 29 21.32	−04 16 43.7	12.34	3	H	112.338 830 65	−04.278 800 62		4.01	−8.15	−7.19	3.29	1.69	3.39	3.63	2.28	−28	+56	−30	−36	−2	+23	+7	−59	+4	+10	0	1.51
36395	H	07 29 21.98	−14 59 53.1	6.05		H	112.341 569 03	−14.998 094 55	A	29.31	−187.77	−231.28	0.74	0.66	0.92	0.77	0.71	−27	+14	−15	+22	+26	−12	+36	−27	+6	+0	2	0.13
36396		07 29 22.11	−10 19 36.0	5.75	1	G	112.342 128 43	−10.326 657 00		3.52	−6.96	−2.73	0.80	0.61	0.81	1.20	1.02	−26	+4	−1	−53	+43	−15	+42	−63	−20	−37	4	0.42
36397		07 29 22.78	−21 52 09.2	7.82		H	112.344 915 84	−21.869 224 88		0.61	−4.30	3.49	0.67	0.64	0.95	0.91	0.83	−16	+4	−10	+22	−7	−29	−10	+15	+6	−22	0	−0.17
36398	H	07 29 23.05	−23 55 24.3	8.67		H	112.346 034 34	−23.923 424 09	A	2.01	−1.52	−0.44	1.59	1.38	1.42	1.48	1.61	−50	+7	−13	−46	+25	+6	+27	−30	−7	−59	0	0.08
36399		07 29 25.61	−07 33 05.3	5.86		G	112.356 708 42	−07.551 474 31		35.95	50.78	125.93	2.53	1.84	3.07	3.11	1.91	+15	+12	−12	−27	−15	−4	−11	−41	+21	+23	0	
36400		07 29 25.93	−23 55 53.3	8.75		H	112.358 027 68	−23.931 477 55		1.13	−0.31	1.95	0.84	0.89	1.08	0.99	1.17	−36	+14	−15	−40	+24	−4	+23	−33	−5	−47	0	−1.24

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
36301	9.364	0.016	8.157	0.011		1.032	0.015	T	1.00	0.01	L	8.1893	0.0016	0.011	124		8.17	8.20					1 G							S
36302	9.557	0.018	8.830	0.016		0.653	0.018	T	0.72	0.02	L	8.9073	0.0023	0.017	96		8.87	8.93					1							
36303	8.295	0.010	7.802	0.012		0.483	0.015	G	0.55	0.02	H	7.8433	0.0020	0.012	89		7.82	7.86					1							S
36304	6.618	0.004	6.544	0.004		0.061	0.002	G	0.07	0.00	H	6.5654	0.0007	0.006	113		6.55	6.58					1 G							S
36305	7.721	0.007	7.501	0.007		0.201	0.002	G	0.22	0.00	H	7.5415	0.0009	0.012	134		7.52	7.56					1							S
36306	8.834	0.010	7.473	0.006		1.153	0.009	T	1.12	0.01	L	7.5092	0.0009	0.011	144		7.49	7.53		C			1							S
36307	8.325	0.012	7.252	0.009		0.929	0.011	T	0.92	0.01	L	7.3123	0.0015	0.009	62		7.29	7.34		C			1							S
36308	10.149	0.021	8.200	0.009		1.617	0.018	T	1.64	0.02	L	8.1176	0.0021	0.020	166		8.09	8.15					1							
36309	9.434	0.017	7.921	0.009		1.272	0.015	T	1.23	0.02	L	7.9346	0.0012	0.014	121		7.91	7.96					1							S
36310	9.084	0.013	8.197	0.010		0.775	0.013	T	0.81	0.01	L	8.2870	0.0015	0.011	118		8.27	8.31		C			1							
36311	7.956	0.009	7.925	0.010		0.033	0.012	T	0.05	0.01	L	7.9600	0.0012	0.012	100		7.94	7.99		D	07284−1257	I 1	1							
36312	9.420	0.017	8.841	0.015		0.540	0.020	G	0.61	0.02	H	8.9195	0.0017	0.014	118		8.89	8.95					1							
36313	11.447	0.127	10.920	0.130	B						T *	10.1655	0.0042	0.029	44	*	10.07	10.23		D	07285+3608	I 1	2 C A	AB	33	4.487	0.007	0.13	0.03	G
36314	10.986	0.102	9.802	0.068		1.015	0.096	T	3.16	0.98	Q	10.4406	0.2481	0.969	42		8.05	11.16	323.00	P 1 B			1 V							G P
36315	9.348	0.020	7.994	0.012	A	1.147	0.018	T	1.11	0.02	L	8.0590	0.0093	0.034	50	A	8.02	8.13		D	07285+4245	I 2	1 C P A							S
36316	10.664	0.037	9.203	0.017		1.231	0.032	T	1.19	0.03	L	9.2085	0.0023	0.022	117		9.17	9.25					1							
36317	10.719	0.068	10.110	0.063	B	0.567	0.082	T	0.64	0.08	L	10.1931	0.0506			B				D	07285+4245	I 2	1 C I A							
36318	9.368	0.015	8.363	0.011		0.878	0.014	T	0.89	0.01	L	8.3928	0.0015	0.014	121		8.37	8.42		C			1							
36319	10.305	0.029	9.368	0.021		0.770	0.015	G	0.81	0.01	H	9.3730	0.0017	0.018	113		9.34	9.40		C			1 S							
36320	6.493	0.004	6.611	0.007		−0.101	0.007	T	−0.08	0.01	L	6.5990	0.0011	0.010	78		6.59	6.63		U 2			1							S
36321	8.540	0.010	8.192	0.011		0.330	0.014	T	0.38	0.02	L	8.2288	0.0024	0.017	108		8.21	8.26					1							S
36322	9.212	0.029	8.745	0.028	*	0.950	0.020	G	0.46	0.04	L *	8.7900	0.0020	0.012	46	*	8.77	8.81		D	07286+3152	H 1	2 C S A	AB	333	0.177	0.033	1.68	0.51	S
36323	8.918	0.010	9.051	0.013		−0.120	0.015	G	−0.11	0.02	H	9.0531	0.0017	0.022	201		9.01	9.10					1							
36324	10.394	0.027	9.300	0.017		0.945	0.024	T	0.94	0.02	L	9.4061	0.0022	0.022	135		9.37	9.45					1							
36325	7.955	0.012	6.504	0.005		1.223	0.010	T	1.18	0.01	L	6.5245	0.0015	0.008	54		6.51	6.54		C			1							S
36326	8.128	0.010	7.646	0.011		0.454	0.014	T	0.52	0.01	L	7.7166	0.0011	0.010	61		7.70	7.73		C	07287+2439	I 1	1							S
36327	9.356	0.014	8.982	0.015		0.354	0.019	T	0.42	0.02	L	9.0386	0.0023	0.025	123		9.01	9.10					1 S							
36328	8.127	0.008	6.801	0.005		1.125	0.007	T	1.09	0.01	L	6.8402	0.0009	0.010	185		6.82	6.86					1							S
36329	9.087	0.015	7.435	0.008		1.382	0.013	T	1.35	0.02	L	7.4301	0.0018	0.024	109		7.40	7.47		U 2			1							
36330	9.081	0.016	9.116	0.021		−0.027	0.024	T	−0.01	0.02	L	9.1277	0.0017	0.017	101		9.10	9.16		C			1							
36331	7.477	0.006	7.389	0.006		0.086	0.008	T	0.10	0.01	L	7.4295	0.0009	0.011	138		7.41	7.45					1							S
36332	9.155	0.011	8.554	0.010		0.560	0.011	T	0.63	0.01	L	8.6101	0.0018	0.021	185		8.58	8.65					1							
36333	8.101	0.009	7.665	0.008		0.412	0.011	T	0.48	0.01	L	7.6975	0.0017	0.012	97		7.68	7.72		C			1							S
36334	8.622	0.010	6.889	0.005		1.474	0.009	T	2.66	0.02	O	6.6390	0.0029	0.032	130		6.60	6.70		U 2			1 S							S P
36335	8.906	0.017	7.570	0.011		1.133	0.016	T	1.10	0.02	L	7.6232	0.0019	0.011	52		7.61	7.64		C			1							S
36336	10.733	0.042	10.023	0.037		0.640	0.042	T	0.70	0.04	L	10.0808	0.0024	0.021	113		10.04	10.11		C			1							G
36337	11.003	0.072	10.486	0.072		0.594	0.072	G	0.66	0.07	R	10.5637	0.0046	0.027	50		10.52	10.62		C			1							G
36338						1.486	0.034	G	1.99	0.20	I	11.4781	0.0052	0.053	92		11.40	11.54		C			1							G
36339	8.544	0.013	8.023	0.012		0.496	0.015	G	0.57	0.02	H	8.0531	0.0016	0.013	77		8.03	8.08		C			1							S
36340	6.173	0.004	6.222	0.005		−0.040	0.006	T	−0.02	0.01	L	6.2254	0.0005	0.005	100		6.21	6.24					1							S
36341	10.767	0.037	9.429	0.020		1.135	0.033	T	1.10	0.03	L	9.4659	0.0025	0.021	108		9.43	9.51			07288−6136	I 1	1 S							
36342	8.503	0.008	8.241	0.009		0.246	0.012	T	0.28	0.01	L	8.2824	0.0013	0.016	175		8.26	8.31		C			1							
36343	9.728	0.029	9.203	0.029		0.493	0.037	T	0.57	0.04	L	9.3161	0.0023	0.014	59		9.29	9.35		C			1							
36344	10.846	0.045	10.330	0.046		0.494	0.049	T	0.57	0.05	L	10.3297	0.0029	0.029	126		10.29	10.38		C			1							G
36345	5.714	0.003	5.895	0.003	*	−0.156	0.004	T	−0.16	0.01	L *	5.8909	0.0008	0.009	153	*	5.88	5.92		D	07289−3151	I 1	2 C A	AB	53	8.919	0.003	0.73	0.01	S
36346	8.432	0.011	6.574	0.005		1.554	0.001	G	1.56	0.09	H	6.5048	0.0011	0.010	125		6.49	6.52					1							S
36347	11.243	0.096	10.153	0.055		1.140	0.004	G	1.23	0.01	I	10.1004	0.0040	0.027	89		10.05	10.15		C			1							G
36348	5.585	0.003	5.693	0.004	A	−0.092	0.400	G	−0.06	0.01	L *	5.6780	0.0008	0.007	127	*	5.67	5.69			07289+4811	I 1	2 C B	AB	94	1.116	0.033	4.17	0.10	S
36349	11.880	0.129	10.321	0.047	*	1.442	0.015	G	1.78	0.04	I *	10.0497	0.0049	0.051	144	*	9.97	10.13		U 2	07289−3015	M 1	2 C D	AC	165	0.316	0.042	1.87	0.43	G D
36350	9.304	0.023	9.050	0.026		0.242	0.033	T	0.27	0.04	L	9.1224	0.0025	0.013	59		9.10	9.14					1							
36351	7.975	0.009	6.551	0.005		1.202	0.008	T	1.16	0.01	L	6.5801	0.0006	0.006	114		6.57	6.59					1							S
36352						1.323	0.015	G	1.53	0.02	I	11.0814	0.0045	0.038	84		11.02	11.14		C			1							G
36354	10.449	0.044	9.688	0.035		0.694	0.044	T	0.75	0.04	L	9.8221	0.0031	0.020	57		9.79	9.85		C			1							
36355	6.764	0.004	6.904	0.005		−0.118	0.003	G	−0.10	0.00	H	6.8826	0.0009	0.008	137		6.87	6.90		C			1							S
36356	8.064	0.008	7.851	0.008		0.220	0.015	G	0.24	0.02	H	7.8793	0.0011	0.013	167		7.86	7.90		C			1							S
36357	8.942	0.027	7.834	0.018		0.923	0.018	G	0.97	0.02	I	7.8621	0.0017	0.012	45		7.85	7.89					1 G							
36358	11.269	0.074	9.328	0.023		1.645	0.064	T	1.77	0.16	O	9.2478	0.0034	0.024	94		9.21	9.29					1							
36359	8.836	0.009	8.933	0.013		−0.084	0.014	T	−0.06	0.02	L	8.9513	0.0023	0.025	192		8.91	9.00					1							
36360	8.697	0.011	8.684	0.014		0.017	0.016	T	0.04	0.01	L	8.7149	0.0016	0.015	112		8.69	8.74		C			1							
36361	9.465	0.019	8.187	0.012		1.088	0.018	T	1.05	0.02	L	8.2371	0.0015	0.013	114		8.22	8.26					1							S
36362	5.531	0.002	5.743	0.003		−0.185	0.003	T	−0.19	0.00	L	5.7175	0.0007	0.006	156		5.71	5.73		C			1							S
36363	5.204	0.002	5.376	0.003		−0.148	0.003	T	−0.15	0.00	L	5.3536	0.0006	0.006	129		5.34	5.37					1							S
36364	8.538	0.009	7.069	0.005	A	1.200	0.495	G	1.19	0.02	L *	7.1049	0.0010	0.010	135	*	7.09	7.13		D	07291−1853	I 1	2 C A	AB	174	1.189	0.030	3.74	0.11	S
36365	9.094	0.013	7.811	0.008		1.092	0.012	T	1.05	0.01	L	7.8693	0.0012	0.011	125		7.85	7.90					1							S
36366	4.556	0.004	4.212	0.003		0.320	0.012	G	0.40	0.03	C	4.2473	0.0007	0.003	40		4.24	4.25		C	07290+3147	I 1	1							S
36367	11.434	0.080	9.358	0.021		1.718	0.066	T	1.74	0.07	L	9.2862	0.0024	0.024	114		9.26	9.33					1							
36368	10.311	0.044	9.699	0.040		0.570	0.052	T	0.64	0.05	L	9.7747	0.0033	0.024	52		9.74	9.82		C			1							
36369	10.328	0.043	10.126	0.057		−0.150	0.040	G	−0.15	0.06	R	9.4592	0.0034	0.030	101		9.42	9.54		U 2			1 X S							D
36370	8.812	0.013	8.312	0.012		0.461	0.015	G	0.53	0.02	H	8.3465	0.0013	0.011	99		8.33	8.37		C			1							
36371	6.853	0.005	6.615	0.005		0.227	0.007	T	0.25	0.01	L	6.6512	0.0011	0.008	93		6.64	6.67					1							S
36372	9.229	0.014	8.883	0.014		0.335	0.018	T	0.39	0.02	L	8.9256	0.0037	0.032	114		8.87	8.97		U			1							
36373	9.927	0.019	8.468	0.011		1.230	0.017	T	1.19	0.02	L	8.5212	0.0019	0.019	140		8.49	8.55					1							
36374	8.328	0.013	7.117	0.008		1.036	0.012	T	1.01	0.01	L	7.1664	0.0007	0.006	76		7.15	7.18		D			1							S
36375	11.086	0.057	9.550	0.025		1.290	0.049	T	1.25	0.05	L	9.6298	0.0021	0.026	123		9.58	9.67		C			1							G
36376	7.204	0.007	7.173	0.007		0.039	0.015	G	0.05	0.01	H	7.1896	0.0011	0.008	91		7.18	7.21			07292+1422	I 1	1							S
36377	5.251	0.004	3.438	0.003		1.509	0.004	T	1.54	0.01	L	3.3757	0.0017	0.014	118		3.35	3.39	130.50	P 1 A	07292−4318	I 1	1 O							S
36378	10.378	0.029	9.676	0.025		0.634	0.029	T	0.70	0.03	L	9.7244	0.0031	0.025	135		9.68	9.76					1							G
36379	10.044	0.022	8.095	0.009		1.652	0.020	T	1.94	0.06	O	7.9890	0.0017	0.019	166		7.96	8.02		U			1							
36380	11.750	0.122	9.774	0.036		1.674	0.105	T	1.72	0.17	K	9.7876	0.0023	0.023	86		9.73	9.83		C			1							
36381	7.566	0.006	7.353	0.007		0.203	0.009	T	0.22	0.01	L	7.3856	0.0016	0.013	139		7.36	7.41		M			1							S P
36382	10.362	0.047	9.777	0.044		0.546	0.057	T	0.62	0.05	L	9.8386	0.0030	0.022	69		9.79	9.89		C			1							
36383	10.730	0.068	10.523	0.094		0.425	0.107	G	0.49	0.11	R	10.4762	0.0044	0.027	56		10.44	10.53		C			1							G
36384	7.909	0.008	7.675	0.007	A	0.230	0.015	G	0.26	0.02	H *	7.6902	0.0014	0.010	111	*	7.67	7.71		C	07293+0323	I 1	2 C D	AB	228	3.663	0.041	3.61	0.13	S D
36385	9.697	0.027	7.820	0.012		1.560	0.023	T	1.58	0.02	L	7.7450	0.0024	0.016	83		7.72	7.77		U			1							
36386	9.660	0.026	7.946	0.012		1.458	0.024	T	2.52	0.06	O	7.7364	0.0093	0.067	68		7.61	7.86		U 2			1 S							P
36387	8.534	0.011	8.069	0.011		0.438	0.014	T	0.51	0.01	L	8.1214	0.0012	0.009	91		8.10	8.14		C			1							S
36388	7.551	0.009	5.758	0.004		1.493	0.008	T	1.52	0.01	L	5.7280	0.0011	0.009	94		5.71	5.74					1							S
36389	7.873	0.009	6.704	0.006		1.003	0.008	T	0.98	0.01	L	6.7487	0.0007	0.007	70		6.74	6.76		C			1							S
36390	8.634	0.010	7.288	0.006		1.141	0.009	T	1.10	0.01	L	7.3257	0.0012	0.009	93		7.31	7.34		C	07293−1308	I 1	1							S
36391	9.397	0.016	9.267	0.019		0.096	0.003	G	0.11	0.00	H	9.2876	0.0019	0.018	129		9.25	9.32		C			1							G
36392	7.900	0.008	7.226	0.008		0.641	0.015	G	0.71	0.01	H	7.2779	0.0013	0.011	98		7.26	7.30		C			1							S
36393	5.233	0.003	5.085	0.004		0.120	0.006	G	0.13	0.01	H	5.1152	0.0008	0.004	50		5.11	5.12		C			1							S
36394						1.500	0.510	G	4.99	0.96	Q	11.2509	0.1140	1.580	70		9.01	13.22	344.00	P 1 B			1							G P
36395	6.522	0.005	6.025	0.004	*	0.479	0.005	T	0.55	0.01	L *	6.1512	0.0006	0.007	141	*	6.14	6.16		D	07294−1500	I 1	2 C A	AB	20	1.959	0.002	1.27	0.01	S
36396	7.837	0.007	5.919	0.004		1.616	0.008	G	1.62	0.09	H	5.8586	0.0015	0.010	91		5.84	5.87		U 2			2 G							S
36397	7.703	0.007	7.787	0.010		−0.087	0.003	G	−0.07	0.00	H	7.7952	0.0015	0.015	112		7.77	7.82		C			1							S
36398	8.652	0.013	8.683	0.017	*	−0.026	0.018	T	0.00	0.02	L *	8.6726	0.0021	0.016	91	*	8.64	8.71		D	07294−2355	I 1	2 C A	AC	115	0.558	0.021	2.73	0.08	
36399	6.429	0.004	5.920	0.004		0.487	0.008	G	0.56	0.01	H	5.9698	0.0008	0.006	87		5.96	5.98		C			1 X							S
36400	8.692	0.014	8.691	0.018		0.006	0.021	T	0.03	0.02	L	8.7631	0.0015	0.015	89		8.73	8.80					1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Std. Err. α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Corr. (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
36401	H	07 29 26.14	+47 17 24.7	7.94		H	112.358 916 34	+47.290 197 81	A	4.48	−16.46	−32.13	1.65	1.33	1.79	1.79	1.41	−39	+37	−23	−4	+0	−1	+0	−25	+7	−25	0	0.88
36402		07 29 27.07	+34 48 12.0	7.91		H	112.362 804 60	+34.803 340 70		2.20	−4.25	−11.13	0.97	0.61	1.00	1.07	0.60	−1	+36	−17	+23	−7	+13	−5	−10	−4	+7	3	0.14
36403		07 29 27.84	−64 50 19.6	11.98		H	112.366 004 71	−64.838 783 15		4.08	5.11	−0.20	2.39	2.75	2.67	2.72	3.30	−6	−7	+18	+17	−3	−2	−6	−18	−10	−18	0	−2.23
36404		07 29 27.97	−21 51 31.1	7.77	2	H	112.366 556 17	−21.858 630 82		1.45	−5.03	4.33	0.66	0.61	0.94	0.85	0.79	−17	+6	−4	+23	−10	−29	−11	+17	+9	−25	0	0.16
*36405		07 29 28.18	+78 52 51.0	8.80		H	112.367 401 92	+78.880 822 78		3.37	−5.51	−13.29	0.74	0.76	1.00	0.87	0.93	+1	+29	+5	−5	+2	+0	+4	−7	+7	+5	0	−2.53
*36406		07 29 28.14	+16 09 50.8	8.14		H	112.367 250 67	+16.164 097 50		2.51	−5.12	−6.17	0.94	0.56	1.03	0.85	0.55	−35	+52	−30	−32	+5	−25	+2	−33	+7	−16	2	2.38
36407		07 29 28.82	−44 03 21.9	9.05		H	112.370 084 58	−44.056 083 54		6.44	−21.21	20.57	0.71	0.73	0.85	0.76	0.91	−3	−5	+7	+6	−7	−3	−8	−2	+2	−2	0	−2.30
36408		07 29 30.15	+16 53 03.1	8.06		H	112.375 630 54	+16.884 186 35		2.95	−24.91	24.93	1.06	0.58	1.16	1.06	0.65	−31	+56	−28	−23	−8	−11	−2	−28	+11	−2	0	−1.27
36409		07 29 30.30	−36 41 04.9	7.51	2	H	112.376 240 66	−36.684 707 19		2.64	−24.36	12.23	0.47	0.54	0.66	0.52	0.64	+11	+5	−8	+6	−8	+5	−10	+1	−8	+3	0	1.17
36410		07 29 30.43	+18 05 02.9	8.84		H	112.376 781 66	+18.084 150 24		4.80	0.51	−18.47	0.97	0.59	1.11	1.07	0.73	−34	+38	−12	−6	−2	−31	−4	−12	+1	−22	2	0.53
36411		07 29 30.73	+19 37 59.5	6.73		H	112.378 049 82	+19.633 181 26		4.84	16.71	−3.67	1.00	0.47	1.17	1.15	0.56	−44	+59	−28	−22	−5	−35	−3	−25	+2	+12	0	−0.67
36412		07 29 30.92	+35 09 50.6	7.22	2	H	112.378 843 85	+35.164 047 95		1.58	−12.91	−35.20	0.99	0.69	1.11	1.16	0.70	−2	+32	+6	+17	+21	+18	+5	−38	−28	−12	0	−0.52
36413		07 29 31.41	−13 28 30.9	8.43		H	112.380 888 58	−13.475 256 20		3.27	−2.78	0.75	0.79	0.77	1.22	0.84	0.76	−19	+13	−27	−21	+33	−21	+29	−29	−12	+9	2	1.43
36414		07 29 31.44	−38 07 22.2	7.73		H	112.380 980 00	−38.122 828 41		19.04	−28.04	68.40	0.50	0.57	0.67	0.58	0.67	−7	−3	+10	−11	−2	−2	−5	−22	+5	−31	0	1.32
36415		07 29 32.00	−73 22 43.4	9.68		H	112.383 317 63	−73.378 735 33		2.78	−12.86	13.38	0.86	0.77	0.88	0.91	0.81	−6	+25	+11	+9	−8	+12	−11	+6	−10	−17	0	−0.04
36416		07 29 32.02	+26 55 42.6	8.17		H	112.383 422 90	+26.928 507 37		3.98	−12.49	0.41	0.99	0.83	1.19	1.53	0.72	−4	+3	−47	−10	−39	+21	−18	−36	+24	+31	0	0.82
36417	H	07 29 32.47	+06 39 40.6	8.49		H	112.385 306 42	+06.661 286 12	*	−0.27	4.73	−1.13	1.22	0.75	1.30	1.17	0.76	−24	+47	−35	−43	+9	−24	+3	−41	+7	−25	0	0.73
36418		07 29 35.44	+07 50 25.7	7.34		H	112.397 659 73	+07.840 483 65		0.95	−2.26	−0.20	0.90	0.54	0.96	0.83	0.49	−13	+36	−25	−30	−14	−7	−6	−40	+21	−15	0	2.79
36419		07 29 35.46	−09 15 33.3	7.97		H	112.397 739 24	−09.259 258 65		0.69	−10.72	2.23	0.83	0.55	1.00	0.92	0.63	+8	+37	−8	−7	+10	−22	+14	−13	+8	+29	0	2.29
36420		07 29 37.54	−54 54 29.3	8.66		H	112.406 430 99	−54.908 144 57		2.30	−3.84	9.87	0.68	0.63	0.72	0.87	0.65	−12	+16	+5	+6	+3	+12	+1	−10	+8	−28	0	0.57
36421		07 29 40.27	−59 35 43.8	9.42		H	112.417 771 39	−59.595 497 67		3.67	−3.21	15.71	0.75	0.78	0.82	0.83	0.94	+1	−4	−11	+9	−6	−3	−10	−12	+16	−15	0	0.98
36422		07 29 45.35	−46 41 22.2	7.41		H	112.438 964 56	−46.689 497 27		5.89	−5.98	10.04	0.52	0.46	0.57	0.70	0.51	−8	+23	+2	−4	+7	−8	+7	−19	+12	−23	0	−0.96
36423		07 29 45.57	−73 22 44.1	10.37	3	H	112.439 865 16	−73.378 913 39		−0.23	4.08	9.30	1.22	1.35	1.58	1.36	1.14	+3	+21	+55	+26	+16	+35	−10	−5	−25	−25	2	3.14
36424	H	07 29 45.80	+37 09 41.5	8.19		G	112.440 818 43	+37.161 523 74	*	9.37	−7.62	0.03	4.10	12.48	1.40	1.59	0.83	+15	+34	−11	−11	−5	+18	+4	−13	−6	−1	1	0.02
36425		07 29 47.78	+12 00 23.8	4.55		H	112.449 092 05	+12.006 611 01		5.82	1.26	−19.26	0.74	0.44	0.79	0.74	0.47	−16	+41	−16	−28	+0	−18	−5	−33	−3	−18	2	−0.17
36426		07 29 48.01	+00 34 29.1	8.02		H	112.450 040 31	+00.574 760 30		6.35	17.75	2.63	0.83	0.44	0.95	0.85	0.49	+12	+46	−6	−32	−4	−30	+1	−40	+18	−4	2	1.01
36427		07 29 48.01	−44 54 43.0	7.84		H	112.450 046 18	−44.911 952 74		1.93	−4.33	10.43	0.55	0.53	0.62	0.60	0.60	+7	+3	+4	+22	−10	+14	−11	+8	+2	+9	0	−1.62
36428		07 29 48.19	−60 06 34.2	8.13		H	112.450 779 04	−60.109 500 49		3.84	−12.37	24.41	0.57	0.57	0.61	0.67	0.67	+1	+9	+2	+14	−6	−4	−6	+4	+17	−25	0	0.67
36429		07 29 48.78	+27 54 58.3	5.01		H	112.453 254 80	+27.916 199 25		8.51	−23.96	−21.67	1.72	0.95	0.99	2.31	1.37	+68	+27	−12	−83	−76	−12	−78	−78	−7	+78	0	0.66
36430		07 29 50.83	+32 52 00.0	10.41		G	112.461 801 73	+32.866 679 41		1.20	16.93	−199.64	2.18	1.41	2.36	2.44	1.48	−20	+40	−32	+16	−21	+2	−12	−4	+11	+1	3	0.72
36431		07 29 51.41	−23 01 27.5	4.85	1	G	112.464 225 60	−23.024 299 24		1.01	−2.65	4.94	0.45	0.47	0.64	0.52	0.62	−8	+11	−1	−25	+6	−10	+7	−10	+1	−20	0	−0.85
36432		07 29 51.48	+78 12 23.5	8.75		H	112.464 490 42	+78.206 536 83		15.21	−80.15	−138.22	0.64	0.68	0.88	0.82	0.90	+4	+15	+9	+2	−6	−9	−2	−7	+18	+2	0	0.39
36433		07 29 51.90	−07 52 54.1	8.84		H	112.466 233 76	−07.881 706 84		1.08	1.84	−2.54	1.31	1.01	1.55	1.70	1.13	+48	−23	−48	−41	−44	+17	−45	−60	+47	+41	0	−1.21
36434		07 29 52.33	+56 58 19.4	8.51		H	112.468 022 37	+56.972 045 44		1.47	1.36	−15.25	0.68	0.62	1.08	0.80	0.83	−10	+24	−1	+36	+6	+0	+2	+9	+9	−35	0	0.27
36435		07 29 53.62	−14 21 29.5	7.32		H	112.473 411 51	−14.358 203 08		11.28	−49.28	2.80	0.58	0.50	0.90	0.72	0.63	−20	+16	−17	−1	+26	−11	+30	−16	−3	+21	1	0.66
36436		07 29 54.04	−17 31 57.4	8.55		H	112.475 161 49	−17.532 602 68		4.34	−10.60	12.80	0.74	0.73	1.16	0.93	1.02	−9	+20	−26	+9	+20	−30	+13	+22	−5	+8	0	0.82
36437	H	07 29 54.30	−13 59 21.9	7.20		H	112.476 260 93	−13.989 404 41	A	2.04	−3.72	1.78	0.77	0.72	1.02	0.77	0.69	−39	+25	−9	−22	+28	−20	+30	−26	+9	−24	3	0.30
36438		07 29 54.66	+51 38 17.9	8.93		H	112.477 741 29	+51.638 318 34		3.36	−22.24	−19.76	1.19	0.85	1.48	1.51	1.14	−15	+38	−2	−25	−27	−37	−21	−15	+19	−17	0	2.76
36439		07 29 55.86	+49 40 21.6	5.35		H	112.482 735 88	+49.672 662 07		50.25	110.40	−82.01	0.62	0.52	0.81	0.83	0.70	−27	+20	−15	−1	−14	+3	−9	−15	+14	−12	0	0.28
36440		07 29 56.77	−61 14 57.9	7.68		G	112.486 526 52	−61.249 403 96		10.11	24.52	−55.19	0.57	0.55	0.59	0.60	0.63	−8	+6	+6	+11	+4	+8	+3	−7	−1	−17	0	0.21
36441		07 29 57.25	−57 23 40.6	8.47		H	112.488 545 10	−57.394 617 81		2.06	8.52	3.78	0.65	0.73	0.72	0.71	0.74	−3	+0	+19	+19	−15	+0	−18	−16	+4	−14	0	1.32
36442	H	07 29 58.30	−38 40 01.4	8.68		G	112.492 899 13	−38.667 046 50	A	1.65	−1.35	−15.87	1.04	1.16	1.20	1.01	1.22	−16	+4	+9	−9	+5	+4	+7	−17	−6	−10	1	1.35
36443		07 29 59.60	+40 07 28.6	9.94		H	112.498 346 70	+40.124 608 90		6.18	−35.01	−9.65	1.78	1.08	1.80	1.88	1.06	−1	+51	−21	+23	+11	+1	+5	−9	−7	+13	0	2.29
36444		07 29 59.74	−52 39 04.6	5.87		G	112.498 937 31	−52.651 287 59		9.87	−22.51	53.54	0.49	0.52	0.55	0.54	0.55	−8	+25	−4	−10	+1	−6	−1	−35	+9	−25	0	0.19
36445		07 29 59.84	−07 44 46.2	8.70		H	112.499 353 04	−07.746 155 24		−0.40	−7.00	0.59	1.03	0.76	1.22	1.32	0.82	+33	−10	−33	−25	−24	+7	−24	−45	+26	+33	0	1.74
36446		07 30 00.46	+43 33 03.4	8.45		H	112.501 900 74	+43.550 954 06		7.52	9.69	−32.60	1.24	1.05	1.44	1.85	0.98	−9	+24	−43	−2	−16	+23	+3	−45	+24	+18	6	−1.02
36447		07 30 00.79	−03 45 30.9	8.77		H	112.503 289 49	−03.758 581 81		8.54	−26.14	8.43	0.95	0.66	1.10	1.29	0.84	+9	+16	+4	−2	+7	−13	+11	−28	−18	+39	2	1.09
36448		07 30 00.96	+33 45 35.1	10.29		H	112.504 001 17	+33.759 752 41		−0.72	−10.67	−4.18	1.82	1.28	2.10	2.27	1.25	−2	+32	−42	+5	−32	+33	−13	−24	+13	+21	0	1.98
36449		07 30 01.19	+18 37 46.6	8.48		H	112.504 957 33	+18.629 598 46		3.57	−0.85	−7.85	1.06	0.68	1.18	1.21	0.89	−36	+25	+2	−26	+14	−19	+9	−42	−18	−32	0	−1.88
36450		07 30 02.03	−32 55 42.0	9.18		H	112.508 474 32	−32.928 346 30		6.95	−50.01	22.50	0.63	0.73	0.91	0.77	1.01	+5	+8	−15	+25	+2	+1	+2	+9	+0	+6	0	−1.05
36451		07 30 02.11	−25 08 46.4	7.12	1	H	112.508 805 93	−25.146 224 63		3.86	−11.63	4.70	0.36	0.60	0.83	0.43	0.77	+30	+1	−22	+12	+2	+8	+5	−20	+12	+32	0	1.60
36452		07 30 02.16	−19 31 35.9	6.72		H	112.509 016 56	−19.526 649 27		2.61	−1.71	−0.80	0.55	0.58	0.82	0.60	0.77	−25	+16	−13	−27	+12	−9	+12	+1	+1	−23	0	1.06
36453		07 30 03.56	+39 42 25.2	9.25		H	112.514 827 18	+39.707 010 18		3.86	6.57	−22.71	1.45	0.99	1.59	1.77	0.99	−7	+43	−35	+23	+7	+5	+13	−15	+2	+26	0	1.62
36454		07 30 04.51	+29 35 02.0	10.06		H	112.518 803 33	+29.583 896 42		1.12	−6.27	−12.09	1.68	1.22	1.83	1.86	1.30	−17	+33	−17	−17	−7	−5	−9	−29	−6	−17	3	1.18
36455		07 30 04.63	+18 36 54.0	8.55		H	112.519 300 34	+18.615 007 49		5.82	−16.34	−36.14	1.05	0.72	1.18	1.17	0.80	−27	+22	+6	−23	+10	−21	+7	−44	−16	−28	0	−0.23
36456	H	07 30 05.02	−08 31 04.8	7.70		G	112.520 902 39	−08.517 989 09	A	7.36	−1.26	−29.56	1.30	1.01	1.13	1.23	0.80	−6	+23	−9	−17	−1	−19	+0	−19	+22	−2	2	−0.77
36457		07 30 05.97	−39 34 59.3	8.48		H	112.524 863 01	−39.583 142 74		9.95	−11.82	39.37	0.60	0.70	0.83	0.65	0.83	−2	+18	+10	+19	−3	+23	−9	−1	−14	−14	2	1.33
36458		07 30 06.19	+10 02 51.7	7.25	1	H	112.525 772 87	+10.047 694 69		2.91	4.17	−27.86	1.16	0.75	1.00	1.12	0.67	−48	+33	−22	−60	+39	−7	+41	−72	+14	−52	2	−0.45
36459		07 30 07.45	−32 20 40.8	8.97	1	H	112.531 028 60	−32.344 680 33		0.03	−1.94	4.04	0.59	0.80	0.96	0.64	1.04	−2	+0	−14	+22	−3	+20	+1	+25	−12	−6	0	−0.69
36460		07 30 07.49	+39 19 19.9	8.63		H	112.531 201 64	+39.322 202 26		1.85	2.39	5.77	1.20	0.84	1.26	1.76	0.87	+18	+12	−29	+25	+9	−6	+14	−13	+3	+44	0	−0.23
36461		07 30 07.53	−56 19 07.7	8.01		H	112.531 394 98	−56.318 803 62		2.48	−5.07	14.05	0.59	0.62	0.65	0.69	0.64	−4	+15	+11	+9	−13	+4	−13	−6	+2	−13	1	2.54
36462		07 30 07.80	−50 04 44.1	9.64		H	112.532 488 65	−50.078 927 48		1.28	−2.37	5.11	0.83	0.85	0.95	0.95	0.89	+10	+8	+11	−4	−2	+18	−5	−17	+0	−3	0	0.36
36463		07 30 10.32	+38 10 10.6	6.99		H	112.543 003 91	+38.169 615 03		15.47	24.73	−59.62	1.02	0.64	1.00	1.13	0.58	+12	+35	−15	+9	−6	−2	−7	−25	−4	+18	0	−0.17
36464		07 30 11.29	−17 04 04.0	7.55		H	112.547 031 78	−17.067 787 76		4.46	4.74	35.93	0.67	0.60	0.97	0.79	0.82	+0	+33	−18	+8	+17	−21	+14	+19	−1	+14	0	−1.09
36465		07 30 12.33	+38 29 05.5	9.13		H	112.551 374 31	+38.484 853 38		4.68	3.52	−23.35	1.35	0.90	1.42	1.57	0.87	+1	+39	−17	+4	−12	+3	−6	−28	+5	+14	0	−1.13
36466		07 30 12.78	−06 40 37.5	8.64		H	112.553 254 80	−06.677 076 29		−0.54	−1.36	−0.56	1.01	0.64	1.19	1.27	0.78	+13	+18	−9	−30	−5	−11	−4	−35	+13	+12	0	0.20
36467		07 30 14.17	−72 56 42.8	9.32		H	112.559 040 28	−72.945 231 56		7.46	−37.40	55.97	0.79	0.70	0.80	0.87	0.76	−10	+27	−11	−4	−9	+6	−6	−11	+6	−10	0	−0.01
36468		07 30 14.79	+20 47 03.8	7.56		H	112.561 610 75	+20.784 380 73		5.79	−4.14	−2.40	0.90	0.49	1.02	0.95	0.53	−31	+47	−33	+7	−6	−2	+4	−22	+7	+6	0	−0.74
36469		07 30 14.87	−26 21 03.6	9.65		H	112.561 974 59	−26.351 005 74		1.99	−2.82	6.08	0.62	0.98	1.38	0.69	1.20	+15	+10	+0	+28	−8	+8	−9	−13	−2	+15	1	−0.38
36470	H	07 30 16.53	+49 58 42.8	8.13		H	112.568 870 51	+49.978 547 93	A	10.93	−5.74	−47.76	4.77	2.85	4.39	4.89	3.76	−17	+47	−5	−12	−2	−3	+0	−22	+5	−11	0	1.62
36471		07 30 17.96	−57 12 37.9	7.07		H	112.574 832 48	−57.210 536 86		4.13	−4.55	25.08	0.53	0.54	0.56	0.58	0.56	−8	−7	+13	+21	−21	+4	−23	−6	+12	−15	1	1.13
36472		07 30 18.23	−15 50 58.6	8.03		H	112.575 976 45	−15.849 608 48		4.39	−0.98	−12.97	0.66	0.60	0.95	0.84	0.82	−10	+14	−18	+9	+24	−21	+24	+2	−11	+30	1	0.45
36473		07 30 18.40	−18 25 55.8	8.36		H	112.576 682 26	−18.432 176 63		3.61	0.95	5.90	0.57	0.61	0.98	0.58	0.76	−32	+27	−22	−24	+3	−25	−3	+8	+11	−23	0	2.96
36474		07 30 18.57	−40 59 21.0	6.55		H	112.577 394 69	−40.989 173 48		7.53	−14.00	−17.88	0.43	0.45	0.53	0.44	0.50	+9	−3	+4	−10	−10	+17	−11	−2	−3	+2	0	−0.63
36475		07 30 18.89	+41 35 56.4	8.13		H	112.578 726 83	+41.598 994 05		1.56	−6.23	−14.36	1.37	0.95	1.38	2.36	1.03	+19	+10	−16	−13	−15	+30	−8	−27	+12	+46	0	2.52
36476		07 30 19.12	+32 42 27.3	9.23		H	112.579 655 03	+32.707 589 02		4.89	−1.98	−22.06	1.52	0.89	1.61	1.93	0.89	−7	+37	−34	+28	+2	−17	+4	−6	−3	+26	0	0.35
36477		07 30 21.13	−57 26 49.1	8.56		G	112.588 023 91	−57.446 974 29		12.07	90.65	182.96	0.62	0.69	0.69	0.71	0.73	+0	+0	+20	+12	−13	+0	−15	−17	+5	−10	0	0.80
36478		07 30 21.61	−22 28 34.3	10.14		H	112.590 028 63	−22.476 203 34		7.37	111.53	−162.33	1.41	1.28	1.94	1.83	1.77	−3	+22	−3	+4	+12	−9	+15	+4	+15	−14	2	1.47
36479		07 30 22.31	+29 11 29.6	7.61		H	112.592 949 34	+29.191 552 60		2.34	−5.83	−15.67	1.13	0.74	1.19	1.26	0.72	+9	+36	−8	−19	−14	+8	−16	−43	−15	+17	0	2.09
36480		07 30 22.37	+29 22 52.1	9.32		G	112.593 212 04	+29.381 134 54		17.95	−58.64	−198.71	1.43	1.01	1.57	1.52	1.01	−12	+36	−23	−20	−5	−5	−10	−33	−12	−5	0	−0.50
36481		07 30 23.36	+19 48 51.2	7.07		H	112.597 319 66	+19.814 233 12		24.21	58.50	−127.99	0.97	0.47	1.12	1.21	0.52	−34	+54	−26	−19	−15	−27	−8	−30	−2	+25	0	−0.05
36482		07 30 24.21	−28 19 58.1	8.51		H	112.600 878 06	−28.332 801 93		−0.51	−7.44	2.25	0.63	0.82	1.16	0.79	1.07	+11	+20	−10	+19	+2	+8	+5	+8	+13	+16	0	−0.35
36483		07 30 24.29	+25 26 55.1	8.51		H	112.601 191 51	+25.448 640 34		−1.49	0.59	−5.38	2.45	1.85	2.79	2.80	1.87	−9	−1	−31	−2	−6	−8	−10	−13	+0	−21	2	
36484		07 30 25.03	+31 08 42.6	8.17		H	112.604 311 89	+31.145 162 55		1.37	−11.00	−21.98	1.09	0.75	1.22	1.35	0.79	−22	+23	−24	+25	−6	−28	−12	+4	+9	−22	0	0.00
36485	H	07 30 26.25	+13 51 54.0	7.16		H	112.609 382 17	+13.865 007 84	A	20.92	−43.00	−21.23	1.19	0.73	1.21	1.18	0.69	−23	+50	−31	−8	−5	−9	−4	−18	−5	+18	4	0.40
36486		07 30 26.85	−20 48 28.8	7.37		H	112.611 867 97	−20.807 989 73		4.04	−10.32	11.46	0.61	0.62	0.91	0.81	0.86	−29	+7	−3	−8	+5	−12	+7	+0	+12	−45	0	−0.20
36487		07 30 27.65	+07 43 09.3	7.64		G	112.615 211 78	+07.719 262 74		3.87	−21.88	−4.65	0.94	0.55	0.99	0.90	0.55	−9	+38	−17	−28	−15	−16	−11	−31	+15	−17	0	0.79
36488		07 30 27.93	+58 13 14.1	8.95		H	112.616 379 53	+58.220 589 95		10.36	20.63	−121.01	0.80	0.77	1.31	0.92	1.03	−12	+22	+2	+37	+21	+8	+11	−6	−8	−39	0	−0.31
36489		07 30 28.60	−50 36 32.5	6.55		H	112.619 154 46	−50.609 014 44		8.55	1.16	17.52	0.45	0.44	0.50	0.53	0.46	+6	+13	+11	+0	+0	+14	−2	−11	+1	−4	3	0.11
36490		07 30 28.86	+45 40 13.3	8.95		H	112.620 236 78	+45.670 357 47		9.74	−15.60	−57.14	1.17	0.76	1.33	1.33	0.99	−22	+49	−3	+1	+2	−5	+6	−43	−6	−4	0	1.49
36491		07 30 29.00	+18 57 44.4	8.48		H	112.620 829 14	+18.962 344 11		20.00	29.21	−436.67	1.35	0.65	1.66	1.48	0.69	−31	+60	−24	−42	+4	−56	−8	−32	−3	+0	0	−1.68
36492		07 30 29.08	+02 15 44.1	6.96		H	112.621 182 74	+02.262 260 39		1.28	−4.17	−2.76	0.73	0.42	0.83	0.86	0.49	+18	+12	−10	−32	−9	−16	−10	−45	+18	+3	0	0.35
36493		07 30 29.57	−45 40 11.0	8.42		H	112.623 226 49	−45.669 734 47		9.27	9.52	36.02	0.60	0.59	0.68	0.74	0.65	+13	+6	+3	+0	−18	+5	−16	−10	+12	+8	1	1.60
36494		07 30 30.20	−61 24 46.7	9.00		H	112.625 846 31	−61.412 981 04		6.19	4.75	56.63	0.74	0.72	0.77	0.83	0.85	−9	−1	+4	+14	+5	−4	+3	−10	+2	−17	0	0.47
36495		07 30 30.75	−00 37 49.0	8.82	2	H	112.628 119 91	−00.630 265 83		0.87	−7.04	0.59	1.03	0.59	1.13	1.11	0.68	+22	+40	+3	−40	−11	−28	−8	−43	+12	−8	2	1.11
36496		07 30 30.91	−54 23 58.0	5.95	1	H	112.628 776 06	−54.399 431 69		7.53	13.27	27.46	0.50	0.47	0.53	0.62	0.50	−14	+21	−2	−9	+5	−5	+7	−21	+19	−34	0	0.17
36497		07 30 32.03	+13 50 40.1	7.95		G	112.633 443 00	+13.844 478 97		20.02	−32.87	−30.46	0.86	0.54	0.98	1.10	0.72	−11	+38	−20	−12	−10	−25	−11	−23	−2	+22	0	0.49
36498		07 30 33.48	+48 52 46.1	7.27		H	112.639 491 67	+48.879 480 86		5.19	−6.23	−29.40	0.72	0.59	0.96	1.09	0.86	−13	+2	−9	−25	−16	+25	−11	−40	+19	+12	0	0.15
36499	H	07 30 33.61	+05 15 16.8	6.91		H	112.640 035 10	+05.254 660 63	A	4.27	−9.29	−8.31	1.20	0.76	1.05	0.92	0.60	−22	+38	−31	−41	−6	−14	−6	−31	+9	−28	1	0.02
36500		07 30 34.08	−34 05 26.2	7.62		H	112.641 986 28	−34.090 607 75		0.24	−3.42	4.12	0.49	0.53	0.70	0.53	0.66	−3	+10	−19	+10	−7	+13	−7	−1	−13	−2	3	−0.24

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
36401	8.790	0.030	7.921	0.039	*	0.777	0.037	T	0.81	0.03	L *	8.0876	0.0015	0.016	131	*	8.07	8.12		D	07294+4717	I 1	2 C A	AB	246	1.396	0.008	1.52	0.04	S
36402	8.018	0.010	7.925	0.014		0.091	0.016	T	0.10	0.02	L	7.9463	0.0021	0.011	54		7.93	7.97		C	07295+3448	I 1	1							S
36403											T	12.1168	0.0095	0.084	96		11.98	12.28					1							G
36404	7.652	0.009	7.774	0.012		−0.088	0.002	G	−0.07	0.00	H	7.7444	0.0061	0.069	108		7.61	7.81		U 2 C			1							S
36405	9.121	0.013	8.827	0.014		0.280	0.018	T	0.32	0.02	L	8.8765	0.0022	0.023	134		8.83	8.91					1							
36406	8.289	0.010	8.150	0.012		0.134	0.015	T	0.15	0.01	L	8.1897	0.0016	0.011	85		8.17	8.21		C			1							S
36407	10.163	0.026	9.127	0.018		0.901	0.024	T	0.90	0.02	L	9.2074	0.0020	0.018	113		9.18	9.23		C			1							
36408	9.261	0.016	8.157	0.011		0.952	0.015	T	0.94	0.01	L	8.2249	0.0012	0.011	83		8.21	8.24		C			1							S
36409	9.473	0.016	7.786	0.008		1.436	0.015	T	3.02	0.03	O	7.4129	0.0069	0.065	132		7.28	7.50		U 2			1 S							P
36410	9.330	0.016	8.919	0.017		0.389	0.022	T	0.45	0.02	L	8.9343	0.0015	0.015	99		8.91	8.96		C			1							
36411	8.397	0.011	6.873	0.005		1.280	0.015	G	1.24	0.02	H	6.8868	0.0006	0.006	116		6.88	6.90		C			1 S							S
36412	9.216	0.021	7.413	0.010		1.501	0.018	T	1.53	0.03	L	7.3421	0.0038	0.028	50		7.29	7.38	4.08	P 1 A			1 S							S
36413	10.028	0.022	8.569	0.012		1.230	0.020	T	1.19	0.02	L	8.5952	0.0015	0.013	91		8.56	8.62		C			1							
36414	8.360	0.010	7.797	0.008		0.551	0.015	G	0.62	0.01	H	7.8490	0.0018	0.014	121		7.83	7.87					1							S
36415	9.904	0.020	9.653	0.023		0.235	0.031	T	0.26	0.04	L	9.7437	0.0023	0.021	125		9.70	9.78			07297−7323	I 2	1							
36416	10.319	0.041	8.380	0.016		1.609	0.035	T	1.63	0.04	L	8.2879	0.0023	0.014	62		8.26	8.32		C			1							
36417	10.667	0.055	8.758	0.019	*	1.223	0.197	G	1.18	0.19	R *	8.6515	0.0021	0.018	75	*	8.62	8.68			07295+0640	H 1	2 C S C	AB	210	0.119	0.038	1.21	1.18	
36418	8.814	0.014	7.459	0.009		1.148	0.013	T	1.11	0.01	L	7.5081	0.0014	0.008	78		7.50	7.52		C			1							S
36419	8.516	0.010	8.015	0.010		0.439	0.004	G	0.51	0.00	H	8.0694	0.0010	0.008	92		8.05	8.09					1							
36420	8.658	0.012	8.660	0.015		−0.001	0.017	T	0.02	0.02	L	8.6680	0.0018	0.016	108		8.64	8.69					1							
36421	9.600	0.019	9.411	0.022		0.173	0.028	T	0.19	0.03	L	9.4832	0.0022	0.016	108		9.45	9.51					1							
36422	7.444	0.006	7.411	0.009		0.026	0.003	G	0.04	0.00	H	7.4262	0.0008	0.009	111		7.41	7.44		C			1							S
36423						1.500	0.510	G	2.50	0.72	K	10.3917	0.1578	1.033	99		8.73	11.73	393.80	P 1 B	07297−7323	I 2	1 S							D P
36424	8.575	0.013	8.209	0.013	*	0.371	0.006	G	0.43	0.01	H *	8.2602	0.0010	0.013	61	*	8.25	8.29		D	07298+3710	H 1	2 C B	AB	274	0.255	0.036	0.57	0.52	S
36425	6.213	0.004	4.685	0.003		1.276	0.001	G	1.21	0.01	G	4.7088	0.0004	0.004	83		4.70	4.72		C			1							S
36426	8.555	0.009	8.079	0.009		0.476	0.015	G	0.55	0.02	H	8.1245	0.0008	0.009	125		8.11	8.14					1							S
36427	7.791	0.007	7.827	0.009		−0.028	0.010	T	−0.01	0.01	L	7.8371	0.0013	0.011	126		7.82	7.86		C			1 S							S
36428	8.426	0.010	8.161	0.011		0.278	0.015	G	0.32	0.02	H	8.2018	0.0011	0.013	106		8.18	8.22		C			1							S
36429	6.451	0.006	5.136	0.005		1.117	0.004	G	1.05	0.04	E	5.1820	0.0008	0.005	53		5.18	5.19		C	07298+2755	I 1	1 G							S
36430	11.102	0.079	10.533	0.073		0.540	0.060	G	0.61	0.06	H	10.5084	0.0049	0.022	53		10.47	10.55		C			1							G
36431	5.127	0.003	4.884	0.003		0.243	0.024	G	0.35	0.02	A	4.9210	0.0013	0.010	116		4.90	4.93		U 2	07299−2301	I 1	1							S P
36432	9.681	0.018	8.828	0.014		0.749	0.017	T	0.79	0.01	L	8.8874	0.0022	0.022	138		8.85	8.92					1							
36433	9.004	0.016	8.874	0.020		0.126	0.024	T	0.14	0.03	L	8.8906	0.0022	0.014	81		8.86	8.92		C			1							
36434	9.775	0.019	8.645	0.013		0.972	0.018	T	0.96	0.01	L	8.6720	0.0014	0.014	106		8.65	8.70		C			1							
36435	7.682	0.006	7.340	0.007		0.331	0.010	T	0.39	0.01	L	7.3957	0.0014	0.010	127		7.38	7.41					1							S
36436	9.934	0.026	8.708	0.015		1.047	0.023	T	1.02	0.02	L	8.7200	0.0018	0.014	97		8.69	8.75		C			1							
36437	7.081	0.006	7.180	0.007	*	−0.085	0.008	T	−0.07	0.01	L *	7.1812	0.0011	0.009	113	*	7.16	7.20		C	07299−1359	H 1	2 C C	AB	6	0.632	0.029	4.06	0.12	S
36438	10.110	0.036	9.030	0.024		0.934	0.033	T	0.93	0.02	L	9.0879	0.0021	0.016	79		9.06	9.11		C			1							
36439	5.896	0.003	5.409	0.003		0.470	0.003	T	0.54	0.00	L	5.4580	0.0004	0.004	101		5.45	5.47			07299+4941	I 1	1							S
36440	8.261	0.008	7.719	0.009		0.503	0.006	G	0.58	0.01	H	7.7824	0.0011	0.010	112		7.76	7.80		C			1							S
36441	10.488	0.033	8.624	0.013		1.549	0.028	T	1.61	0.06	L	8.5920	0.0022	0.018	113		8.57	8.62					1							
36442	10.085	0.036	8.876	0.021	A	1.030	0.015	G	1.00	0.01	H *	8.8256	0.0018	0.014	119	*	8.80	8.85		D	07300−3840	I 1	2 C A	AB	304	1.333	0.013	2.26	0.05	
36443	10.613	0.062	9.967	0.055		0.600	0.072	T	0.67	0.06	L	10.0629	0.0041	0.024	47		10.03	10.11		C			1							G
36444	7.159	0.005	5.983	0.003		1.010	0.003	G	0.95	0.04	E	6.0322	0.0006	0.005	106		6.02	6.04		C			1							S
36445	8.721	0.014	8.731	0.018		−0.004	0.021	T	0.02	0.02	L	8.7127	0.0018	0.016	83		8.69	8.74					1							
36446	8.985	0.019	8.508	0.018		0.493	0.015	G	0.57	0.02	H	8.5559	0.0018	0.012	46		8.53	8.58					1							
36447	9.579	0.019	8.849	0.016		0.670	0.020	T	0.73	0.02	L	8.9050	0.0021	0.014	96		8.88	8.94					1							
36448	11.765	0.142	10.395	0.064		1.160	0.122	T	1.12	0.11	L	10.4608	0.0046	0.030	62		10.41	10.49		C			1							G
36449	8.562	0.012	8.465	0.015		0.095	0.018	T	0.11	0.02	L	8.5142	0.0016	0.012	90		8.49	8.54		C			1							S
36450	9.960	0.023	9.261	0.020		0.632	0.023	T	0.70	0.02	L	9.3086	0.0016	0.016	135		9.28	9.35					1							
36451	7.366	0.005	7.146	0.005		0.210	0.007	T	0.23	0.01	L	7.1831	0.0010	0.011	207		7.16	7.21		U 2			1							S
36452	8.633	0.010	6.843	0.005		1.491	0.009	T	1.51	0.01	L	6.8471	0.0011	0.010	114		6.83	6.87					1							S
36453	10.437	0.044	9.365	0.029		0.928	0.040	T	0.92	0.03	L	9.4110	0.0028	0.018	54		9.39	9.44		C			1							
36454	10.504	0.049	10.152	0.051		0.524	0.020	G	0.60	0.02	R	10.1723	0.0036	0.020	62		10.12	10.20		C			1							G
36455	9.035	0.016	8.581	0.016		0.428	0.021	T	0.50	0.02	L	8.6411	0.0019	0.015	90		8.62	8.67		C			1							
36456	8.207	0.011	7.755	0.010	*	0.445	0.015	G	0.51	0.02	H *	7.7998	0.0014	0.010	96	*	7.79	7.82		D	07301−0831	H 1	2 C A	AB	166	0.408	0.010	2.65	0.05	S
36457	9.187	0.014	8.530	0.012		0.600	0.014	T	0.67	0.01	L	8.6041	0.0012	0.012	126		8.58	8.63					1							
36458	9.344	0.018	7.451	0.008		1.606	0.016	T	2.08	0.05	O	7.3212	0.0013	0.015	78		7.30	7.35		U 2			1							S
36459	8.881	0.011	8.953	0.015		−0.061	0.017	T	−0.04	0.02	L	8.9585	0.0022	0.022	142		8.91	9.00		U			1							
36460	8.868	0.018	8.643	0.020		0.215	0.025	T	0.24	0.03	L	8.6980	0.0020	0.017	59		8.68	8.73		C			1							
36461	10.027	0.026	8.174	0.011		1.541	0.022	T	1.60	0.05	L	8.1312	0.0013	0.013	108		8.11	8.15					1							
36462	10.884	0.041	9.784	0.026		0.950	0.037	T	0.94	0.03	L	9.8027	0.0024	0.022	122		9.77	9.84		C			1							G
36463	7.564	0.010	7.051	0.010		0.498	0.013	G	0.57	0.01	H	7.1041	0.0012	0.007	53		7.09	7.12		C			1							S
36464	9.062	0.014	7.689	0.008		1.162	0.013	T	1.12	0.01	L	7.7165	0.0014	0.015	108		7.69	7.74					1							
36465	9.669	0.032	9.160	0.031		0.478	0.040	T	0.55	0.04	L	9.2351	0.0024	0.018	51		9.21	9.27		C			1							
36466	9.958	0.029	8.753	0.018		1.031	0.027	T	1.00	0.02	L	8.8029	0.0019	0.013	92		8.78	8.83		C			1							
36467	9.937	0.020	9.391	0.019		0.518	0.021	T	0.59	0.02	L	9.4309	0.0017	0.019	123		9.40	9.47		C			1							
36468	7.721	0.007	7.577	0.008		0.139	0.010	T	0.15	0.01	L	7.6091	0.0012	0.012	121		7.59	7.63		C			1							S
36469	9.517	0.013	9.640	0.020		−0.107	0.021	T	−0.09	0.03	L	9.6232	0.0022	0.032	228		9.55	9.68					1							G
36470	8.746	0.012	8.317	0.012	*	0.405	0.016	T	0.47	0.02	L *	8.2191	0.0018	0.014	105	*	8.20	8.25		D	07303+4959	I 1	2 C A	AB	192	0.873	0.003	0.11	0.01	S
36471	9.147	0.014	7.276	0.006		1.555	0.012	T	1.57	0.01	L	7.1921	0.0014	0.011	112		7.18	7.21					1							S
36472	8.177	0.009	8.035	0.010		0.129	0.013	T	0.14	0.01	L	8.0763	0.0012	0.017	112		8.05	8.11					1							
36473	8.300	0.007	8.345	0.009		−0.040	0.015	G	−0.02	0.01	H	8.3511	0.0013	0.013	146		8.33	8.38		C			1							
36474	7.771	0.006	6.657	0.004		0.960	0.006	T	0.95	0.01	L	6.7141	0.0006	0.009	145		6.70	6.73					1							S
36475	9.428	0.023	8.272	0.015		0.993	0.021	T	0.97	0.02	L	8.2942	0.0030	0.015	51		8.27	8.32			07303+4136	I 1	1 S							S
36476	9.623	0.030	9.223	0.030		0.378	0.039	T	0.44	0.04	L	9.3141	0.0023	0.016	53		9.29	9.34		C			1							
36477	9.302	0.015	8.582	0.013		0.638	0.002	G	0.70	0.00	H	8.6884	0.0016	0.015	109		8.67	8.72		C			1							
36478	11.130	0.064	10.323	0.049		0.730	0.062	T	0.78	0.04	L	10.2867	0.0031	0.026	97		10.23	10.33					1							G
36479	8.907	0.017	7.721	0.011		1.016	0.016	T	0.99	0.01	L	7.7810	0.0015	0.012	51		7.77	7.80					1							S
36480	10.318	0.036	9.413	0.027		0.786	0.005	G	0.83	0.01	H	9.4631	0.0029	0.017	56		9.43	9.50		C			1							
36481	7.795	0.008	7.145	0.006		0.604	0.008	T	0.67	0.01	L	7.1954	0.0007	0.008	106		7.18	7.21		C			1							S
36482	10.661	0.032	8.685	0.011		1.638	0.027	T	1.66	0.03	L	8.6212	0.0019	0.024	185		8.59	8.66					1							
36483	10.307	0.040	8.660	0.019		1.378	0.035	T	1.35	0.04	L	8.6525	0.0029	0.018	51		8.63	8.69		R	07304+2527	I 1	1 X							
36484	9.525	0.023	8.294	0.014		1.051	0.021	T	1.02	0.02	L	8.3386	0.0015	0.012	58		8.32	8.36		C			1							S
36485	7.710	0.009	7.172	0.009	*	0.505	0.015	G	0.58	0.02	H *	7.2744	0.0016	0.012	85	*	7.26	7.31		D	07304+1352	I 1	2 C A	AB	46	7.685	0.006	2.17	0.03	S
36486	7.473	0.006	7.372	0.008		0.091	0.009	T	0.10	0.01	L	7.4032	0.0016	0.016	108		7.38	7.43					1							S
36487	7.924	0.009	7.659	0.009		0.228	0.015	G	0.25	0.02	H	7.7079	0.0009	0.009	84		7.69	7.73		D	07305+0743	I 1	1 S							S
36488	9.604	0.016	8.996	0.015		0.567	0.019	T	0.64	0.02	L	9.0760	0.0015	0.017	115		9.04	9.10		C			1							
36489	6.523	0.004	6.542	0.005		−0.021	0.003	G	0.00	0.00	H	6.5490	0.0007	0.006	123		6.54	6.56		C			1							S
36490	9.506	0.021	8.992	0.020		0.483	0.026	T	0.55	0.03	L	9.0586	0.0019	0.015	89		9.03	9.09		C			1							
36491	9.095	0.017	8.543	0.016		0.538	0.030	G	0.61	0.03	H	8.5966	0.0015	0.013	80		8.57	8.62		C			1							
36492	8.747	0.011	7.085	0.006		1.389	0.010	T	1.36	0.01	L	7.1006	0.0011	0.009	127		7.09	7.12					1							S
36493	8.959	0.011	8.487	0.011		0.457	0.012	T	0.53	0.01	L	8.5226	0.0012	0.013	121		8.50	8.54					1							
36494	9.698	0.019	9.056	0.017		0.590	0.019	T	0.66	0.02	L	9.1274	0.0025	0.018	109		9.10	9.15					1							
36495	11.187	0.076	9.024	0.019		1.828	0.065	T	2.31	0.12	O	8.8777	0.0032	0.031	113		8.81	8.91		U 2			1							
36496	8.003	0.009	6.135	0.005		1.585	0.008	T	1.88	0.03	O	6.0381	0.0010	0.010	95		6.02	6.06		M			1							S
36497	8.615	0.012	7.999	0.011		0.586	0.015	G	0.66	0.01	H	8.0715	0.0018	0.013	85		8.05	8.10		C			1 G							S
36498	7.471	0.006	7.287	0.007		0.176	0.009	T	0.19	0.01	L	7.3305	0.0015	0.013	113		7.31	7.35					1							S
36499	6.901	0.012	6.875	0.013	*	0.029	0.017	T	0.05	0.01	L *	6.9270	0.0010	0.008	85	*	6.92	6.94		D	07306+0515	I 1	2 C A	AB	245	4.225	0.005	1.69	0.01	S
36500	7.487	0.006	7.589	0.007		−0.088	0.008	T	−0.07	0.01	L	7.5979	0.0014	0.012	128		7.58	7.61					1							S

Number HIP		Descriptor: epoch J1991.25 RA (h m s)	Dec (±° ′ ″)	V (mag)			Position: epoch J1991.25 α (ICRS) (deg)	δ (deg)		Par. π (mas)	Proper Motion μα* (mas/yr)	μδ (mas/yr)	Standard Errors α* (mas)	δ (mas)	π (mas)	μα* (mas/yr)	μδ (mas/yr)	Astrometric Correlations (%) δ/α*	π/α*	π/δ	μα*/α*	μα*/δ	μα*/π	μδ/α*	μδ/δ	μδ/π	μδ/μα*	Soln F1 (%)	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
36501		07 30 34.32	−50 07 40.9	9.73		H	112.643 010 78	−50.128 039 13		1.71	−2.81	2.27	1.07	1.03	1.19	1.24	1.10	−1	+4	+6	+2	+4	+12	+1	−13	+11	−14	0	0.14
36502		07 30 36.07	+62 20 58.0	9.07		H	112.650 283 35	+62.349 438 02		3.63	2.04	−2.98	0.85	0.75	1.22	1.12	1.14	+8	+11	+18	+14	+21	+2	+20	−5	+11	−16	0	−0.15
36503		07 30 36.34	+04 33 15.6	7.76		H	112.651 410 28	+04.554 330 61		3.21	3.93	−2.25	1.05	0.64	1.09	1.13	0.72	+8	+14	−15	−34	−27	−20	−29	−20	+14	−3	0	0.53
36504		07 30 37.58	+74 47 55.7	7.79		H	112.656 583 25	+74.798 803 62		3.60	−14.27	−6.72	0.51	0.50	0.79	0.55	0.60	+1	+19	−15	+12	−7	+17	−1	−10	+11	+18	1	1.83
36505		07 30 37.82	+05 48 50.8	8.85		H	112.657 574 96	+05.814 111 53		6.07	−9.28	0.66	1.18	0.72	1.34	1.12	0.70	−28	+58	−21	−33	+13	−27	+7	−42	−1	−14	9	0.61
36506		07 30 38.93	+20 29 29.8	7.23		H	112.662 213 30	+20.491 616 25		6.99	−9.26	2.23	0.83	0.43	0.94	1.00	0.50	−36	+48	−28	−9	−10	−17	−4	−27	−3	+19	0	−0.94
36507		07 30 39.29	+41 53 25.5	7.21		H	112.663 689 80	+41.890 413 35		5.18	5.15	−30.30	1.00	0.72	1.05	1.52	0.75	+16	+11	−17	−18	−27	+36	−16	−31	+17	+33	0	−0.18
36508		07 30 39.32	+49 56 20.9	7.75		H	112.663 825 96	+49.939 125 48		5.78	−5.60	−8.92	0.78	0.63	0.98	1.01	0.81	−20	+18	−15	−4	−8	−6	−5	−15	+10	−6	0	−0.14
36509		07 30 39.61	+27 54 31.8	7.11		H	112.665 028 41	+27.908 838 26		21.42	−46.48	−42.15	1.07	0.78	1.05	1.43	0.66	+33	+2	−41	−44	−41	+15	−34	−55	+11	+46	0	1.14
36510		07 30 39.85	−52 53 50.3	8.18		H	112.666 048 41	−52.897 307 37		8.69	−28.76	65.62	0.63	0.68	0.72	0.68	0.71	−7	+30	+8	−16	+7	−8	+8	−23	+10	−29	0	0.63
36511		07 30 39.97	+41 15 28.8	8.91		H	112.666 551 26	+41.258 009 82		7.11	18.03	−27.87	1.38	0.94	1.37	1.83	1.06	+18	+36	+9	−5	+4	+4	−2	−23	−15	+25	0	−0.15
36512		07 30 39.98	−15 59 39.6	7.73		H	112.666 601 35	−15.994 321 49		27.36	48.11	−109.83	0.62	0.58	0.93	0.75	0.75	−12	+23	−13	+8	+31	−9	+29	+11	−6	+32	0	1.14
36513		07 30 41.16	+24 05 12.3	10.80		H	112.671 510 30	+24.086 747 85		3.07	161.35	−234.76	2.08	1.44	2.32	3.12	1.38	+13	−11	−29	+2	+5	−28	+0	−30	−10	+23	0	0.95
*36514		07 30 42.61	−30 57 44.2	4.65		H	112.677 542 02	−30.962 283 13		1.86	−11.74	0.84	0.33	0.41	0.53	0.40	0.55	+9	+4	−18	+3	+0	−4	−1	+10	−7	+10	0	0.16
*36515		07 30 42.58	−37 20 22.2	6.66	1	H	112.677 398 49	−37.339 491 52		45.93	−87.82	53.80	0.44	0.47	0.58	0.45	0.51	+16	−7	−11	−7	−15	+15	−18	−20	+6	−3	3	−0.51
36516		07 30 42.96	−09 18 36.2	7.76		H	112.679 017 54	−09.310 054 59		1.70	−8.24	2.09	0.82	0.51	0.99	0.95	0.61	+18	+37	−2	+4	+2	−22	+8	−9	+21	+9	0	1.78
36517		07 30 45.22	−06 43 04.5	7.99		H	112.688 412 08	−06.717 929 05		2.33	−8.36	−4.07	0.93	0.66	1.13	1.07	0.67	+15	+28	+7	−24	−2	+7	−1	−41	+16	−1	0	0.41
36518		07 30 45.34	+04 21 29.5	8.84		H	112.688 929 03	+04.358 207 45		4.92	−5.55	−0.02	1.20	0.82	1.41	1.33	0.86	+5	+2	−25	−16	−29	−8	−30	−18	+16	−1	0	−0.12
36519		07 30 45.84	−01 07 16.4	8.38		G	112.691 019 48	−01.121 228 13		4.67	2.71	−12.85	0.91	0.55	1.08	0.99	0.65	+7	+36	−13	−19	−5	−22	−4	−24	+12	+7	2	−0.09
36520	H	07 30 46.22	−28 05 49.1	7.68		H	112.692 593 01	−28.096 971 45	A	5.60	−2.04	−7.16	1.22	1.38	1.57	1.30	1.63	+21	+4	+2	+42	+12	−2	+14	+30	+4	+19	4	0.43
36521		07 30 47.47	−09 46 36.8	6.81	3	H	112.697 786 97	−09.776 897 83		1.45	−1.39	3.30	0.69	0.50	0.82	0.74	0.53	+16	+6	−17	−8	−1	−25	−6	−16	+10	+7	4	−0.14
36522		07 30 48.01	+68 59 57.4	8.89	1	H	112.700 035 14	+68.999 279 91		4.57	3.98	5.44	0.75	0.79	1.35	0.76	1.13	+21	+8	−12	−7	−26	+11	−31	−34	+7	+23	0	−1.22
36523		07 30 50.25	−51 09 32.0	7.48		H	112.709 387 04	−51.158 878 88		6.13	−2.74	−31.27	0.49	0.54	0.57	0.57	0.57	+10	+13	+12	−4	−6	−1	−6	−20	−2	+4	1	−1.42
36524		07 30 50.34	+09 36 08.2	8.87		H	112.709 746 99	+09.602 271 92		2.12	10.68	0.36	1.50	0.85	1.30	1.48	0.82	−34	+42	−23	−67	+23	−31	+19	−61	+5	−31	0	−0.79
36525		07 30 50.44	+59 24 46.6	9.73		H	112.710 172 33	+59.412 953 73		1.95	−3.61	−2.89	0.91	0.77	1.40	1.20	1.18	+5	+16	−2	+29	+11	−10	+5	+0	+23	−32	0	−0.15
36526		07 30 51.14	−05 13 35.3	6.24		G	112.713 073 31	−05.226 485 97		0.39	−6.36	−3.18	0.80	0.53	0.92	1.19	0.63	+27	−7	−20	−29	−15	+22	−12	−49	+22	+40	0	−0.05
36527		07 30 51.39	−74 55 48.2	8.61		H	112.714 117 30	−74.930 046 26		2.60	−20.80	−17.98	0.66	0.63	0.68	0.68	0.68	+0	+14	+13	+4	−15	−1	−16	−1	+0	−18	3	−0.16
36528		07 30 52.70	+68 27 56.6	5.63		H	112.719 580 57	+68.465 727 00		7.20	−2.22	−43.68	0.37	0.42	0.65	0.37	0.51	+11	+7	−2	−4	−27	+2	−20	−22	+8	+29	0	−0.34
36529		07 30 52.86	−66 20 55.2	8.76		H	112.720 269 33	−66.348 669 21		2.07	12.10	−6.32	0.68	0.68	0.73	0.56	0.83	−1	+4	+0	−52	−13	−5	−8	−8	+14	−29	1	−1.22
36530	H	07 30 54.90	+30 34 26.2	8.59		H	112.728 763 15	+30.573 955 28	A	2.33	−4.54	−10.29	2.51	2.34	2.20	2.52	1.89	−37	+21	−20	+9	+2	−19	−7	−5	−10	−51	0	−0.90
36531		07 30 55.53	+61 05 35.3	9.06		H	112.731 357 00	+61.093 125 14		6.18	−2.72	9.31	0.79	0.60	1.14	0.98	0.95	+29	+22	+3	+26	+13	−15	+10	+0	+26	−9	0	1.00
*36532		07 30 56.38	−24 40 01.8	8.17		G	112.734 912 66	−24.667 162 52		−0.56	−6.21	3.75	0.59	0.79	1.07	0.82	0.98	+1	+12	−10	+12	−2	+5	+0	−9	+6	+6	1	−0.32
*36533	H	07 30 56.33	+40 26 34.5	8.55		H	112.734 712 27	+40.442 912 66	A	2.77	18.76	−13.70	6.18	6.27	1.86	2.66	1.41	−4	+15	−8	+28	+3	+6	+18	+0	−14	+40	1	1.08
36534		07 30 56.44	−45 53 42.4	8.57		H	112.735 164 81	−45.895 123 39		2.04	−9.12	9.11	0.70	0.64	0.78	0.79	0.66	−6	+13	+17	+22	−15	+8	−16	+7	+9	−18	0	0.87
36535		07 30 56.58	+08 33 07.2	7.12		H	112.735 761 52	+08.552 006 41		3.03	−9.37	−6.70	0.88	0.58	1.02	0.79	0.48	−22	+40	−36	−23	−11	−8	+1	−44	+30	−17	0	0.71
36536		07 30 56.80	+51 59 55.6	6.79		H	112.736 647 18	+51.998 766 77		9.36	−2.97	−18.40	0.75	0.58	0.90	0.96	0.78	−22	+29	−8	−4	−25	−16	−17	−9	+23	−20	2	0.23
36537		07 30 57.00	−57 59 28.5	8.90		G	112.737 506 37	−57.991 238 43		4.28	−12.76	25.11	0.75	0.77	0.84	0.86	0.93	−8	−18	+14	+9	−5	+11	−12	−8	+19	−15	0	−2.30
36538		07 30 57.44	+00 09 20.3	7.75		H	112.739 318 97	+00.155 634 16		1.37	−2.56	−0.36	0.86	0.43	0.97	0.84	0.45	+18	+50	−4	−32	−5	−28	+1	−43	+19	+2	0	1.36
36539		07 30 58.71	−10 06 27.1	6.60		H	112.744 627 03	−10.107 518 88		3.14	−0.28	−2.60	0.71	0.52	0.85	0.79	0.55	+25	+7	−23	−19	−5	−25	−11	−25	+8	+19	6	−0.48
36540		07 30 58.84	−18 55 48.0	8.97		G	112.745 163 55	−18.930 010 09		0.43	−2.83	3.65	0.70	0.74	1.09	0.72	0.81	−18	+23	−7	−29	+7	−14	+7	−15	+11	−8	0	1.45
36541	H	07 30 59.11	−02 09 53.6	6.96		G	112.746 295 85	−02.164 876 02	A	2.74	−7.19	−4.97	1.53	0.92	1.49	1.62	0.99	−21	+23	−10	−41	−2	−2	−3	−30	−4	+16	4	−0.32
36542		07 30 59.86	−48 15 41.6	9.25		H	112.749 408 03	−48.261 548 62		0.40	−0.18	9.00	0.80	0.75	0.88	0.91	0.82	−4	+3	−1	−16	+1	+13	+1	−23	+19	−12	1	0.79
36543		07 31 00.08	−82 15 05.8	8.37		H	112.750 353 94	−82.251 598 82		8.77	−2.37	−9.48	0.64	0.55	0.65	0.76	0.61	+0	+20	+6	+11	−2	−5	−2	+12	−4	−5	0	0.88
36544		07 31 02.03	−34 59 03.1	7.48		H	112.758 457 68	−34.984 190 55		0.33	−0.78	4.15	0.48	0.53	0.69	0.54	0.65	−3	+13	−6	+2	−1	−8	−2	−4	+0	−12	0	1.55
36545		07 31 03.48	+50 02 54.8	7.69	2	H	112.764 508 94	+50.048 545 78		5.68	−14.81	−32.08	0.82	0.63	1.06	1.02	0.83	−28	+38	−20	−2	−26	−5	−19	−11	+15	−8	0	1.33
36546	H	07 31 04.08	−37 13 44.0	11.41		H	112.767 009 72	−37.228 888 24	A	32.10	54.44	−241.31	7.95	8.00	8.94	9.70	7.92	−4	−13	+10	+5	−3	+11	−1	−3	−8	−37	5	1.67
36547		07 31 04.48	+82 24 41.6	4.92	2	H	112.768 667 61	+82.411 568 71		6.89	−3.71	−42.31	0.43	0.44	0.55	0.48	0.52	+10	+27	+5	+10	+11	+7	+10	+20	+7	+22	0	−0.16
36548		07 31 05.69	+04 58 26.7	8.29		H	112.773 725 27	+04.974 073 26		1.47	1.21	2.56	1.02	0.64	1.11	1.05	0.64	−7	+33	−19	−40	−10	−21	−14	−34	−4	−2	0	−0.55
36549		07 31 05.84	+66 49 09.1	7.97		H	112.774 321 95	+66.819 184 68		2.17	21.44	11.29	0.67	0.62	1.00	0.75	0.84	−4	+16	−4	+6	+7	+9	+19	−23	+31	+21	1	−2.49
36550		07 31 06.76	+48 22 28.1	8.99		H	112.778 172 35	+48.374 473 44		8.37	−4.38	−37.39	1.05	0.84	1.31	1.35	1.19	−38	+20	+1	−31	+1	+9	−2	−44	−2	−35	0	0.09
36551		07 31 07.67	+14 36 53.5	8.94		H	112.781 940 99	+14.614 848 83		47.09	74.80	−289.96	1.17	0.75	1.28	1.20	0.79	−45	+42	−24	−21	+4	−8	+10	−35	+14	−29	0	0.06
36552		07 31 07.75	−67 49 14.1	9.05		H	112.782 278 09	−67.820 584 35		3.50	3.20	−6.33	0.70	0.63	0.72	0.86	0.76	−2	+19	+5	−11	+2	−22	+7	−3	+19	−26	0	0.40
36553		07 31 08.79	+11 12 10.8	6.38		H	112.786 643 51	+11.203 013 02		4.58	−17.74	−14.15	0.74	0.47	0.77	0.78	0.46	−11	+26	−26	−35	−6	−10	−5	−38	+7	−10	0	0.12
36554		07 31 11.02	−56 37 28.1	7.93		H	112.795 935 46	−56.624 464 22		3.41	−17.45	29.53	0.57	0.62	0.68	0.64	0.74	−1	+18	+11	+12	−12	+9	−16	−17	−17	−1	1	0.78
36555		07 31 12.09	+76 57 16.7	7.31		H	112.800 389 42	+76.954 632 76		1.17	−6.62	1.91	0.47	0.56	0.72	0.48	0.72	+14	+19	+8	−8	−6	−2	−3	−11	+15	+23	0	−0.50
36556		07 31 12.25	−74 41 27.7	7.55		H	112.801 045 82	−74.691 025 04		5.08	−2.13	11.72	0.53	0.49	0.54	0.55	0.52	+1	+18	+19	+2	−14	+6	−16	+1	−5	−20	1	1.10
36557		07 31 13.50	+02 10 13.3	7.28		H	112.806 240 23	+02.170 362 20		15.04	21.80	−33.16	0.76	0.48	0.94	1.07	0.73	+4	+27	−15	−28	−10	−31	−8	−48	+8	+24	0	0.94
36558	H	07 31 13.52	−62 58 20.8	11.52		H	112.806 335 78	−62.972 443 08	A	−0.47	−25.87	8.98	12.07	7.25	7.14	13.29	7.92	−29	−1	+13	−19	−9	+13	+2	−1	+2	−53	1	0.56
36559		07 31 13.67	−40 02 19.6	9.58		H	112.806 945 52	−40.038 782 25		11.50	−87.79	−71.29	0.81	0.91	1.07	0.96	1.14	+1	+14	+14	+4	−10	+22	−9	−15	−1	+12	1	−0.73
36560		07 31 13.77	+23 15 25.8	11.22		G	112.807 392 85	+23.257 174 24		18.25	230.57	0.56	2.28	1.77	2.71	2.62	1.65	−28	+21	−39	−16	+12	−24	+3	−26	−6	−15	0	0.42
36561		07 31 14.00	−46 11 01.6	8.58		H	112.808 353 03	−46.183 780 54		2.42	−4.44	4.17	0.60	0.55	0.67	0.72	0.58	+4	+14	+8	+1	−8	+1	−8	−5	−1	−12	0	1.59
36562		07 31 14.70	−07 45 36.2	8.40		H	112.811 257 85	−07.760 059 56		0.63	−0.15	0.93	1.08	0.71	1.19	1.47	0.89	+20	−11	−11	−37	−17	+3	−16	−39	+2	+42	0	0.25
36563		07 31 15.47	−05 20 41.3	8.22		G	112.814 441 63	−05.344 816 39		8.12	−6.68	−37.94	0.97	0.63	1.13	1.44	0.76	+17	−6	−22	−32	−10	+15	−7	−47	+19	+35	0	−0.92
36564		07 31 16.89	+15 15 04.7	8.51		H	112.820 359 67	+15.251 297 87		1.84	−9.83	−8.93	1.08	0.71	1.16	1.12	0.78	−45	+38	−19	−22	+11	−12	+16	−37	+17	−37	0	0.32
36565		07 31 17.36	−01 07 33.1	6.57		G	112.822 324 17	−01.125 858 47		7.03	4.55	−8.13	0.74	0.42	0.84	0.82	0.51	+15	+34	−9	−21	−5	−19	−3	−32	+14	+9	2	−0.20
36566		07 31 17.44	−64 38 33.8	11.39		H	112.822 664 66	−64.642 718 71		6.14	−12.04	−10.42	1.75	1.97	1.92	2.08	2.09	−4	−2	+16	+9	−4	−3	−7	−27	+3	−17	0	1.37
36567		07 31 18.41	−65 36 52.2	8.42		H	112.826 716 71	−65.614 508 71		1.16	9.76	17.51	0.67	0.70	0.75	0.52	0.77	+5	+1	+20	−41	−14	+1	−17	−18	+7	−22	4	1.07
36568		07 31 19.27	−31 23 30.2	9.60		H	112.830 274 66	−31.391 717 65		1.66	−3.37	10.61	0.78	1.00	1.27	0.92	1.26	+10	−1	−22	+19	+4	−6	+3	+10	−21	+14	2	−0.17
36569		07 31 19.92	−14 57 56.1	6.95		H	112.833 002 53	−14.965 577 49		6.81	−8.41	−9.31	0.81	0.82	0.94	0.89	0.89	+51	+6	−17	+12	+29	−20	+14	−18	−2	+20	0	0.66
36570		07 31 20.79	−63 25 47.1	8.18		H	112.836 610 48	−63.429 738 71		3.94	8.41	−18.06	0.71	0.68	0.72	0.87	0.78	+4	−1	+3	−16	−13	+8	−12	−16	+10	−12	0	−0.09
36571		07 31 21.13	−27 24 42.5	9.40		G	112.838 040 03	−27.411 807 68		8.18	−6.50	−6.05	0.76	1.08	1.50	0.83	1.32	+23	−16	−40	+39	+14	−9	+14	+33	−15	+21	0	−0.82
36572		07 31 21.33	−04 40 44.2	7.19		H	112.838 883 29	−04.678 933 28		3.68	−13.37	18.94	0.84	0.56	0.97	1.05	0.58	+17	+14	−11	−5	+4	+5	+7	−40	+12	+32	0	0.85
36573		07 31 21.39	+22 17 16.4	8.28		H	112.839 128 97	+22.287 901 55		5.15	7.20	−15.12	1.09	0.65	1.16	1.02	0.67	−49	+46	−22	−10	+5	−2	+13	−37	+6	−26	0	0.09
*36574		07 31 24.00	−08 44 24.2	7.40		H	112.849 985 04	−08.740 049 75		1.56	−4.73	6.80	0.84	0.51	1.05	0.96	0.58	+2	+45	−11	−13	+1	−29	+5	−19	+17	+3	0	0.80
*36575	H	07 31 23.97	+71 14 09.9	9.73		H	112.849 889 26	+71.236 089 01	*	3.87	9.34	4.47	0.77	0.92	1.51	0.97	1.22	+10	+7	−17	+11	−26	+25	−21	−18	+27	+19	0	0.77
36576		07 31 24.08	−64 22 20.7	7.60		G	112.850 331 72	−64.372 419 39		10.43	−8.62	52.38	0.59	0.62	0.62	0.69	0.67	−1	+10	+13	−4	−10	−2	−13	−23	+3	−24	0	0.40
36577		07 31 24.21	−74 17 26.2	7.48		G	112.850 889 34	−74.290 608 82		5.00	1.35	21.36	0.56	0.50	0.56	0.61	0.52	+2	+19	+18	+0	−14	+2	−12	+9	−3	−21	0	1.09
36578		07 31 24.35	+66 08 05.4	7.15	2	H	112.851 441 91	+66.134 822 36		1.19	−1.75	−2.81	0.57	0.50	0.82	0.66	0.74	+18	+22	+0	−3	−1	+7	+10	−17	+29	+38	0	1.32
36579		07 31 25.36	−12 14 28.1	8.38		H	112.855 666 30	−12.241 129 09		3.77	−3.67	−4.52	0.69	0.67	1.05	0.76	0.65	−20	+6	−23	−13	+35	−16	+35	−30	+3	+10	0	−0.61
*36580		07 31 25.42	+51 31 37.0	8.92		H	112.855 922 49	+51.526 947 49		−0.53	−3.26	−2.78	1.11	0.83	1.35	1.44	1.10	−2	+34	−5	−32	−41	−24	−33	−25	+16	+1	0	0.73
*36581		07 31 25.41	+27 37 21.1	8.05	2	H	112.855 861 95	+27.622 524 63		1.50	2.20	−3.19	1.15	0.80	1.27	1.49	0.71	+7	+14	−32	−22	−34	+31	−19	−41	+13	+25	0	−0.22
36582		07 31 25.78	−36 09 11.8	6.66	1	H	112.857 402 24	−36.153 272 79		3.52	−13.11	7.04	0.41	0.45	0.56	0.44	0.52	+4	+12	−13	+18	−7	+1	−10	−2	−4	−5	1	−0.45
36583		07 31 28.09	−43 01 26.7	8.82		H	112.867 049 11	−43.024 088 36		10.44	11.58	−113.48	0.63	0.66	0.76	0.70	0.79	+12	+10	+8	+4	−9	+6	−11	−3	−4	+4	0	0.77
36584		07 31 28.67	+52 38 08.5	8.52		H	112.869 441 58	+52.635 686 69		0.63	−13.87	−12.18	1.01	0.81	1.19	1.28	1.11	−26	+26	−7	−6	−12	−5	−11	−13	+7	−26	0	0.32
36585		07 31 29.70	−23 06 17.0	8.60		H	112.873 757 80	−23.104 708 94		2.66	−6.70	4.80	0.69	0.81	1.05	0.75	0.98	−9	+21	−10	−20	−5	−20	−7	−3	−5	−23	0	0.80
36586		07 31 30.18	−19 30 40.8	7.52		H	112.875 736 71	−19.511 325 14		0.39	−4.24	1.51	0.58	0.64	0.90	0.66	0.74	−23	+15	−18	−25	+14	−11	+14	−17	+10	−18	0	−0.03
*36587		07 31 30.44	−08 08 36.9	8.17		G	112.876 833 48	−08.143 591 32		8.05	−3.59	−19.34	0.88	0.60	1.05	1.11	0.67	+2	+20	−11	−18	+3	−13	+6	−32	+15	+14	2	0.66
*36588		07 31 30.33	−34 43 15.4	9.08		H	112.876 393 37	−34.720 931 34		8.39	−179.86	60.04	0.65	0.78	1.05	0.76	0.93	+4	+13	+11	−2	−12	−24	−13	−7	−19	−7	1	1.48
36589		07 31 30.56	−13 54 03.4	9.77		G	112.877 346 53	−13.900 948 55		−1.18	0.51	−0.87	0.89	0.85	1.41	0.97	0.98	−32	+15	−22	−26	+32	−31	+29	−24	−12	−2	0	−0.48
36590		07 31 31.24	+60 29 43.1	9.14		H	112.880 160 19	+60.495 316 95		7.72	−14.13	−18.33	0.77	0.59	1.12	0.90	0.89	+29	+17	+6	+32	+28	−10	+18	−11	+10	−11	0	−1.87
36591		07 31 32.81	−51 36 17.9	8.70		H	112.886 688 24	−51.604 967 57		3.48	−16.93	11.00	0.61	0.71	0.69	0.66	0.77	+19	+15	+15	−30	−10	−4	−10	−28	−9	+2	0	−0.41
36592		07 31 33.25	−44 04 56.1	9.39		H	112.888 556 93	−44.082 246 51		6.73	−17.40	97.84	0.71	0.80	0.88	0.74	0.88	−2	+1	−11	+1	−8	−2	−9	−17	+1	−4	0	−0.86
36593		07 31 33.38	+45 06 43.5	8.52		H	112.889 095 05	+45.112 084 34		5.25	−0.91	−17.80	1.21	0.92	1.30	1.53	1.19	+16	+27	+11	+25	+19	−1	+15	−2	−18	+19	0	1.94
36594		07 31 34.89	−31 02 50.6	9.61	2	H	112.895 380 84	−31.047 391 58		0.19	−3.06	2.48	0.72	1.06	1.25	0.79	1.37	−2	+8	−16	+11	−1	−4	−4	+27	−25	+3	2	0.70
36595		07 31 36.12	+62 30 06.8	7.00		H	112.900 517 45	+62.501 893 95	A	6.47	−11.34	−25.71	0.95	0.77	1.12	1.05	1.00	+18	+7	+4	+30	+20	−3	+20	+10	+5	+0	0	0.14
36596		07 31 37.84	−17 10 25.1	10.97		G	112.907 653 72	−17.173 646 35		4.92	−3.92	−2.13	1.51	1.37	2.15	1.75	1.62	−2	+16	−30	+2	+19	−22	+15	+3	+3	+5	0	−0.28
36597		07 31 37.96	+42 38 29.2	7.52		G	112.908 151 94	+42.641 446 45		−0.01	−1.06	−10.54	0.98	0.80	1.18	1.59	0.80	−12	+18	−26	+4	−11	+43	+6	−31	+17	+16	0	0.64
36598		07 31 37.98	−26 30 54.1	8.09	2	H	112.908 250 42	−26.515 031 10		0.44	−2.98	9.22	0.43	0.71	1.02	0.52	1.02	+20	−3	−16	+16	+6	−5	+6	−1	−16	+22	0	−0.13
36599		07 31 38.10	−17 11 51.2	8.05		G	112.908 748 10	−17.197 546 98		1.07	−2.59	1.85	0.67	0.60	0.98	0.84	0.75	−6	+14	−28	+2	+19	−24	+14	+4	+2	+5	0	0.50
36600		07 31 38.81	+71 49 15.4	8.28		H	112.911 694 03	+71.820 947 71		2.40	−16.83	−35.12	0.50	0.55	0.89	0.58	0.75	+7	+9	−2	+21	−4	+11	−1	−12	+9	+17	1	0.56

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
36501	11.042	0.050	9.840	0.028		1.029	0.045	T	1.00	0.04	L	9.8931	0.0034	0.030	129		9.84	9.95					1							S G
36502	9.572	0.018	9.103	0.018		0.442	0.023	T	0.51	0.02	L	9.1698	0.0019	0.019	103		9.14	9.20		C			1							
36503	9.146	0.018	7.876	0.011		1.082	0.016	T	1.04	0.01	L	7.9332	0.0017	0.012	78		7.91	7.95		C			1							
36504	8.917	0.010	7.888	0.007		0.896	0.009	T	0.90	0.01	L	7.9468	0.0011	0.015	165		7.92	7.98					1							S
36505	9.157	0.016	8.896	0.018		0.281	0.015	G	0.32	0.02	H	8.9255	0.0021	0.016	79		8.89	8.95		C			1							
36506	7.418	0.005	7.249	0.006		0.162	0.007	T	0.18	0.01	L	7.2867	0.0006	0.007	135		7.28	7.30					1							S
36507	8.636	0.017	7.332	0.011		1.108	0.016	T	1.07	0.02	L	7.3778	0.0017	0.009	46		7.36	7.39		C			1							S
36508	8.940	0.012	7.846	0.009		0.945	0.012	T	0.94	0.01	L	7.9169	0.0015	0.014	101		7.88	7.94					1							S
36509	7.642	0.011	7.164	0.011		0.465	0.015	G	0.54	0.02	H	7.2168	0.0012	0.008	54		7.20	7.23					1							S
36510	8.730	0.012	8.241	0.011		0.493	0.015	G	0.57	0.02	H	8.2931	0.0012	0.012	105		8.27	8.31		C			1							
36511	9.611	0.029	8.996	0.026		0.573	0.034	T	0.65	0.03	L	9.0334	0.0023	0.016	46		9.01	9.06		C			1 S							
36512	8.498	0.011	7.792	0.009		0.637	0.011	T	0.70	0.01	L	7.8648	0.0012	0.011	113		7.84	7.88		C			1							S
36513	11.134	0.082	10.662	0.085		0.350	0.040	G	0.41	0.05	R	10.8830	0.0060	0.031	54		10.82	10.94		C			1							G
36514	5.800	0.003	4.743	0.002		0.904	0.040	G	0.89	0.02	A	4.8050	0.0005	0.005	166		4.80	4.81					1							S
36515	7.445	0.006	6.734	0.005		0.641	0.006	T	0.71	0.01	L	6.7894	0.0020	0.017	141		6.77	6.82		U 2			1							S
36516	7.811	0.007	7.761	0.009		0.051	0.011	T	0.06	0.01	L	7.7824	0.0012	0.010	102		7.77	7.80		C			1							S
36517	8.195	0.011	8.020	0.012		0.168	0.015	T	0.18	0.01	L	8.0490	0.0019	0.014	87		8.03	8.07		C			1							S
36518	9.035	0.018	8.854	0.021		0.173	0.026	T	0.19	0.03	L	8.8928	0.0029	0.016	71		8.87	8.93		C			1							
36519	8.511	0.010	8.369	0.011		0.116	0.015	G	0.13	0.01	H	8.4267	0.0018	0.017	120		8.40	8.46					1							
36520	7.808	0.007	7.711	0.009	*	0.095	0.010	T	0.11	0.01	L *	7.7173	0.0014	0.014	187	*	7.69	7.74		D	07308−2806	I 1	2 C A	AB	58	0.553	0.003	0.67	0.01	S
36521	8.171	0.093	6.883	0.092		1.096	0.102	T	1.06	0.11	L	6.9756	0.0823	0.819	87		5.80	7.82		U 2 B			1							S
36522	10.284	0.027	9.013	0.016		1.082	0.025	T	1.04	0.02	L	9.0614	0.0023	0.025	163		9.02	9.10		U			1							
36523	8.991	0.013	7.608	0.008		1.170	0.012	T	1.13	0.01	L	7.6494	0.0011	0.010	125		7.63	7.67					1							S
36524	10.540	0.045	9.021	0.021		1.277	0.039	T	1.24	0.04	L	9.0344	0.0019	0.015	72		9.01	9.06		R			1							
36525	9.931	0.022	9.790	0.029		0.136	0.034	T	0.15	0.04	L	9.7762	0.0023	0.024	127		9.73	9.82					1							
36526	7.777	0.009	6.363	0.006		1.185	0.000	G	1.07	0.04	E	6.4227	0.0008	0.007	91		6.41	6.43		C			1							S
36527	10.068	0.022	8.736	0.013		1.130	0.020	T	1.09	0.02	L	8.7806	0.0013	0.012	127		8.76	8.80					1							
36528	7.067	0.004	5.774	0.002		1.100	0.003	T	1.06	0.00	L	5.8012	0.0006	0.008	209		5.79	5.82					1 G							S
36529	10.201	0.028	8.876	0.016		1.125	0.025	T	1.09	0.03	L	8.9224	0.0020	0.017	108		8.89	8.95					1							
36530	8.763	0.014	8.611	0.017	*	0.146	0.021	T	0.16	0.02	L *	8.6420	0.0016	0.014	60	*	8.62	8.68		D	07310+3034	I 1	2 C A	AB	352	0.382	0.003	0.34	0.03	
36531	9.491	0.014	9.088	0.015		0.398	0.015	G	0.46	0.02	H	9.1514	0.0015	0.018	177		9.12	9.20		C			1							
36532	7.998	0.008	8.146	0.011		−0.146	0.005	G	−0.14	0.01	H	8.1226	0.0015	0.018	112		8.09	8.15			07309−2440	I 1	1							
36533	9.136	0.020	8.628	0.020	*	0.477	0.025	T	0.55	0.03	L *	8.6536	0.0015	0.014	49	*	8.62	8.70		D	07309+4027	M 1	2 C A	AB	228	0.321	0.010	1.06	0.13	
36534	9.840	0.019	8.681	0.012		0.995	0.018	T	0.97	0.01	L	8.7315	0.0016	0.016	126		8.71	8.76		C			1							
36535	7.645	0.009	7.180	0.007		0.438	0.010	T	0.51	0.01	L	7.2158	0.0014	0.011	83		7.20	7.23		C			1							S
36536	7.028	0.006	6.808	0.007		0.210	0.009	T	0.23	0.01	L	6.8550	0.0015	0.009	83		6.84	6.87					1							S
36537	9.211	0.014	8.926	0.016		0.239	0.002	G	0.27	0.00	H	8.9695	0.0020	0.015	90		8.95	9.00		C			1							P
36538	7.806	0.007	7.746	0.008		0.060	0.010	T	0.07	0.01	L	7.7788	0.0007	0.009	135		7.77	7.80		D			1							S
36539	8.740	0.012	6.803	0.005		1.622	0.001	G	1.60	0.00	J	6.7174	0.0010	0.010	95		6.70	6.74					1							S
36540	9.539	0.017	9.047	0.017		0.524	0.006	G	0.60	0.01	H	9.0804	0.0020	0.021	122		9.04	9.12												
36541	8.191	0.015	7.131	0.008	A	0.880	0.015	G	0.89	0.01	H *	7.1169	0.0010	0.008	82	*	7.10	7.13		D	07310−0210	I 1	2 C A	AB	359	1.335	0.012	2.15	0.04	S
36542	10.664	0.040	9.394	0.021		1.082	0.035	T	1.04	0.03	L	9.4111	0.0025	0.027	121		9.37	9.47					1							
36543	8.900	0.011	8.439	0.011		0.435	0.014	T	0.50	0.01	L	8.4715	0.0013	0.014	127		8.45	8.50		C			1							S
36544	9.701	0.019	7.681	0.008		1.673	0.016	T	1.70	0.02	L	7.5823	0.0013	0.012	123		7.56	7.60					1							
36545	9.778	0.020	7.950	0.009		1.552	0.018	T	2.79	0.03	O	7.6421	0.0070	0.057	101		7.56	7.72		U 2			1 S							S P
36546						1.410	0.020	G	1.70	0.05	I *	11.5057	0.0105	0.088	134	*	11.32	11.59		D	07311−3714	H 1	2 C A	AB	33	1.414	0.036	0.24	0.07	G
36547	6.961	0.007	5.076	0.006		1.633	0.018	G	2.66	0.05	F	4.9069	0.0083	0.045	111		4.82	4.96		U 2			1 S							S
36548	10.375	0.038	8.446	0.014		1.601	0.032	T	1.62	0.03	L	8.4051	0.0020	0.016	90		8.38	8.43					1							
36549	9.194	0.015	8.085	0.010		0.956	0.014	T	0.94	0.01	L	8.1381	0.0012	0.015	140		8.11	8.17					1							S
36550	9.647	0.018	9.051	0.017		0.556	0.022	T	0.63	0.02	L	9.1132	0.0017	0.018	141		9.07	9.14		C			1							
36551	10.404	0.043	9.047	0.022		1.107	0.003	G	1.19	0.00	I	9.0712	0.0019	0.013	77		9.05	9.10		C			1							
36552	9.673	0.019	9.090	0.018		0.546	0.019	T	0.62	0.02	L	9.1674	0.0012	0.015	109		9.14	9.19		C			1							
36553	8.039	0.009	6.518	0.004		1.278	0.008	T	1.24	0.01	L	6.5371	0.0008	0.007	94		6.53	6.55		C			1							S
36554	9.284	0.016	8.041	0.010		1.061	0.015	T	1.03	0.01	L	8.0935	0.0017	0.012	108		8.07	8.12					1 G							
36555	8.648	0.009	7.414	0.006		1.054	0.008	T	1.02	0.01	L	7.4758	0.0015	0.014	162		7.46	7.50					1							S
36556	7.857	0.007	7.574	0.007		0.268	0.010	T	0.30	0.01	L	7.6258	0.0012	0.010	125		7.61	7.65					1							S
36557	8.061	0.008	7.356	0.007		0.634	0.015	G	0.70	0.01	H	7.4173	0.0011	0.009	124		7.40	7.44					1 G							S
36558											T *	11.6591	0.0105	0.071	94	*	11.51	11.74		D	07312−6258	H 1	2 C A	AB	284	0.652	0.032	0.78	0.08	D
36559	10.471	0.036	9.623	0.026		0.745	0.034	T	0.79	0.02	L	9.7216	0.0016	0.019	111		9.69	9.75		C			1 G							G
36560						1.173	0.020	G	1.29	0.04	I	11.3692	0.0047	0.033	64		11.33	11.43		C			1							G
36561	8.568	0.009	8.575	0.012		−0.005	0.013	T	0.02	0.01	L	8.5854	0.0016	0.014	117		8.56	8.61		C			1							
36562	9.861	0.026	8.515	0.016		1.141	0.024	T	1.10	0.03	L	8.5709	0.0018	0.013	84		8.55	8.59					1							
36563	8.885	0.015	8.278	0.014		0.574	0.015	G	0.65	0.01	H	8.3475	0.0014	0.011	94		8.32	8.37					1							
36564	9.899	0.023	8.637	0.014		1.075	0.021	T	1.04	0.02	L	8.6729	0.0016	0.015	84		8.65	8.70		C			1							
36565	7.960	0.009	6.693	0.005		1.072	0.015	G	1.04	0.01	H	6.7359	0.0008	0.009	123		6.72	6.75			07313−0108	I 1	1							S
36566											T	11.5349	0.0066	0.050	101		11.45	11.63					1							G
36567	10.330	0.032	8.594	0.014		1.448	0.028	T	1.45	0.04	L	8.5588	0.0012	0.012	100		8.54	8.58		C			1							
36568	9.736	0.023	9.640	0.031		0.087	0.035	T	0.10	0.04	L	9.6306	0.0028	0.029	154		9.57	9.68					1							G
36569	8.241	0.009	7.068	0.006		1.006	0.008	T	0.98	0.01	L	7.1182	0.0010	0.009	122		7.10	7.13		C			1 G							S
36570	9.677	0.020	8.303	0.011		1.163	0.018	T	1.12	0.02	L	8.3423	0.0018	0.015	105		8.32	8.37		C			1							
36571	9.843	0.016	9.427	0.016		0.400	0.020	G	0.47	0.02	H	9.4902	0.0023	0.028	188		9.44	9.55					1							G
36572	8.385	0.012	7.291	0.007		0.945	0.011	T	0.94	0.01	L	7.3554	0.0008	0.008	99		7.34	7.37		C			1							S
36573	9.689	0.018	8.393	0.011		1.102	0.016	T	1.06	0.02	L	8.4529	0.0013	0.015	109		8.43	8.48					1							
36574	9.165	0.015	7.535	0.008		1.364	0.013	T	1.33	0.01	L	7.5508	0.0011	0.008	93		7.53	7.56		C			1							
36575	9.827	0.016	9.724	0.021	*	0.100	0.024	T	0.11	0.03	L *	9.7720	0.0024	0.029	195	*	9.72	9.84			07314+7114	H 1	2 C S B	AB	103	0.148	0.029	0.94	0.69	
36576	8.122	0.008	7.644	0.009		0.461	0.015	G	0.53	0.02	H	7.7045	0.0013	0.011	113		7.69	7.73		C			1							S
36577	7.953	0.008	7.514	0.007		0.415	0.005	G	0.48	0.01	H	7.5757	0.0014	0.013	116		7.55	7.60					1							S
36578	9.126	0.016	7.360	0.008		1.472	0.014	T	1.49	0.02	L	7.2787	0.0023	0.024	116		7.24	7.33		U 2			1							S
36579	8.480	0.011	8.384	0.014		0.087	0.016	T	0.10	0.02	L	8.4115	0.0013	0.010	101		8.39	8.43		C			1							
36580	9.092	0.019	8.958	0.023		0.129	0.028	T	0.14	0.03	L	8.9657	0.0022	0.015	77		8.93	8.99					1							
36581	8.162	0.013	8.054	0.015		0.105	0.019	T	0.12	0.02	L	8.0923	0.0110	0.042	56		7.99	8.14		U 2	07314+2737	I 1	1 S							S
36582	6.497	0.004	6.636	0.005		−0.119	0.006	G	−0.10	0.01	H	6.6258	0.0016	0.018	142		6.59	6.65		U 2			1							S
36583	9.381	0.017	8.864	0.016		0.495	0.018	T	0.57	0.02	L	8.9294	0.0017	0.016	138		8.90	8.95		C			1							
36584	10.420	0.037	8.668	0.015		1.461	0.032	T	1.47	0.05	L	8.6471	0.0029	0.019	90		8.62	8.69		C			1							
36585	8.467	0.010	8.583	0.014		−0.101	0.015	T	−0.08	0.02	L	8.5708	0.0024	0.017	117		8.54	8.61					1							
36586	9.557	0.017	7.719	0.008		1.529	0.015	T	1.57	0.03	L	7.6416	0.0014	0.014	104		7.61	7.67					1							
36587	8.822	0.016	8.237	0.015		0.566	0.015	G	0.64	0.01	H	8.2828	0.0015	0.012	92		8.26	8.31		C	07315−0809	I 1	1							
36588	9.875	0.022	9.153	0.018		0.645	0.015	G	0.71	0.01	H	9.2098	0.0024	0.020	131		9.17	9.24					1							
36589	9.857	0.021	9.792	0.028		0.080	0.020	G	0.09	0.02	H	9.8030	0.0019	0.021	123		9.77	9.84		C			1							G
36590	9.631	0.016	9.173	0.016		0.432	0.021	T	0.50	0.02	L	9.2319	0.0016	0.017	165		9.20	9.27		C			1							
36591	10.071	0.024	8.815	0.014		1.071	0.022	T	1.04	0.02	L	8.8657	0.0014	0.013	115		8.85	8.89		C			1							
36592	10.059	0.023	9.453	0.020		0.563	0.022	T	0.64	0.02	L	9.5125	0.0016	0.017	122		9.49	9.54		C			1							
36593	9.831	0.036	8.594	0.023		1.056	0.033	T	1.02	0.03	L	8.6888	0.0017	0.015	44		8.66	8.72		C			1							
36594	9.777	0.029	9.594	0.037		0.175	0.044	T	0.19	0.05	L	9.6704	0.0028	0.032	164		9.60	9.73		U			1							G
36595	7.086	0.005	7.001	0.006	A	0.083	0.007	T	0.10	0.01	L	7.0385	0.0043	0.011	116	A	7.02	7.06			07316+6230	I 1	2 C C	AB	289	10.009	0.060	4.00	0.17	S
36596	11.260	0.082	10.938	0.095		0.200	0.015	G	0.22	0.02	H	11.0563	0.0042	0.043	115		10.99	11.14					1							D
36597	9.675	0.043	7.704	0.018		1.670	0.015	G	1.68	0.09	H	7.6313	0.0014	0.014	38		7.61	7.66		D			1							S
36598	10.247	0.020	8.278	0.008		1.668	0.018	T	1.89	0.05	O	8.1804	0.0016	0.019	221		8.14	8.21		U 2			1							
36599	7.967	0.008	7.988	0.012		−0.030	0.015	G	−0.01	0.01	H	8.0544	0.0019	0.016	115		8.02	8.08					1							
36600	9.453	0.011	8.367	0.008		0.939	0.010	T	0.93	0.01	L	8.4417	0.0015	0.019	206		8.41	8.47		C			1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
36601		07 31 38.81	+26 27 43.3	9.26		H	112.911 725 85	+26.462 034 11		2.47	−5.89	−2.04	1.29	0.87	1.39	1.27	0.80	−4	+36	−21	−1	−9	−8	−10	−17	+3	−7	0	1.10
36602		07 31 38.99	+15 51 16.8	9.03		H	112.912 466 84	+15.854 661 74		2.73	−13.54	4.75	1.17	0.78	1.29	1.18	0.79	−44	+40	−25	−27	+13	−30	+11	−34	+12	−35	0	0.87
36603		07 31 39.19	+23 59 59.6	7.64		G	112.913 304 69	+23.999 878 77		1.85	−6.68	−5.55	0.98	0.72	1.25	1.23	0.62	−23	+18	−45	+14	+19	−43	+3	−9	−8	−1	0	0.36
36604		07 31 40.03	+43 04 10.0	9.56		H	112.916 789 48	+43.069 431 24		6.91	24.59	11.48	1.61	1.40	1.99	2.48	1.54	−26	+27	−42	+15	−14	+31	+9	−29	+28	+1	0	0.62
36605		07 31 40.59	−26 54 05.1	8.72	1	H	112.919 105 31	−26.901 416 54		2.06	−5.12	3.77	0.51	0.77	1.11	0.56	1.03	+18	−7	−24	+18	−2	−1	−4	+12	−6	+17	1	0.66
36606		07 31 41.35	+10 04 25.1	8.51		H	112.922 279 42	+10.073 627 47		1.88	−1.51	−2.66	1.05	0.65	1.05	1.19	0.70	−31	+24	−4	−42	+16	−5	+15	−49	−4	−33	2	0.94
36607		07 31 42.67	+19 57 56.3	9.63		H	112.927 777 58	+19.965 651 20		19.58	127.26	−167.42	1.38	0.71	1.47	1.81	0.92	−10	+45	−18	−29	−26	−18	−28	−27	−10	+33	0	−1.68
36608	H	07 31 42.71	−35 53 16.2	6.61	2	H	112.927 943 06	−35.887 823 81	B	3.69	−4.98	4.15	0.66	0.69	0.68	0.56	0.61	−16	+15	−3	+10	+5	+11	−1	−19	−1	−18	5	0.89
36609		07 31 43.33	−43 17 37.6	8.87		H																							
36610		07 31 43.74	−72 00 16.6	9.16		H	112.932 262 64	−72.004 618 90		2.71	−17.74	11.21	0.80	0.62	0.74	0.73	0.66	−1	+27	−1	−51	+2	−7	+0	−20	+0	+3	0	0.89
36611		07 31 44.14	−43 17 23.4	8.18		H	112.933 907 39	−43.289 831 72		5.65	−16.84	20.99	1.69	1.79	2.04	1.83	2.02	−4	+0	−6	−9	+0	−3	+0	−10	−5	−16	0	
36612		07 31 46.06	−75 31 38.5	8.69		H	112.941 937 35	−75.527 362 09		9.90	−0.28	−27.98	0.69	0.61	0.69	0.71	0.71	+0	+10	+8	+4	−9	+2	−12	−9	−2	−13	0	0.05
36613		07 31 46.55	−04 21 35.2	8.71		H	112.943 978 93	−04.359 781 84		−1.86	0.76	−7.07	1.01	0.68	1.24	1.31	0.76	+13	+18	−15	−8	+1	+5	+5	−36	+17	+23	0	1.07
36614		07 31 47.17	−41 59 55.5	9.08		H	112.946 528 96	−41.998 737 81		3.49	−0.57	10.55	0.68	0.75	0.87	0.70	0.80	−11	+8	−7	−8	−2	−16	−4	+4	−6	−15	0	−1.59
36615		07 31 47.71	−05 34 59.5	8.84		H	112.948 804 16	−05.583 198 08		−2.98	−3.38	2.03	1.12	0.67	1.20	1.29	0.72	+15	+23	−12	−38	−8	+3	−5	−51	+14	+17	0	1.50
36616		07 31 48.37	+17 05 10.4	5.45		H	112.951 545 48	+17.086 229 15		10.81	42.65	−75.39	0.68	0.42	0.75	0.66	0.39	−21	+39	−7	−11	−3	−20	−4	−32	−4	−14	0	2.46
36617		07 31 49.09	−20 08 58.8	11.44	3	H	112.954 545 87	−20.149 672 57		−5.65	−1.69	4.23	1.58	1.95	2.83	2.30	2.57	−27	+9	−17	−12	+9	−30	+5	−23	+24	−43	0	−1.63
36618		07 31 49.23	+01 09 54.9	7.10		H	112.955 112 15	+01.165 253 43		3.69	59.14	−36.35	0.72	0.39	0.79	0.79	0.44	+19	+32	+1	−27	−7	−21	−6	−39	+10	+3	0	0.05
36619		07 31 49.77	−29 09 16.6	9.50		G	112.957 370 28	−29.154 604 97		1.41	−0.01	5.84	0.73	1.03	1.30	0.79	1.36	+8	+12	−1	+30	+9	+22	+10	+30	−5	+6	0	0.64
36620		07 31 50.32	+08 48 54.7	10.92		H	112.959 673 08	+08.815 193 19		16.41	−29.65	64.91	2.20	1.35	2.33	2.23	1.42	−34	+44	−27	−29	+6	−12	+10	−39	+19	−42	2	3.00
36621	H	07 31 51.80	−16 57 23.0	10.57		G	112.965 852 73	−16.956 388 78	A	5.43	−2.80	2.03	2.26	1.89	2.92	2.50	2.30	+2	+18	−11	+14	+22	−26	+25	+2	+4	+11	2	0.37
36622		07 31 52.03	−61 41 32.0	8.78		H	112.966 806 65	−61.692 228 64		20.26	57.90	16.18	0.72	0.73	0.77	0.82	0.88	+2	−9	−1	+10	+5	+0	+4	−2	−4	−12	0	−1.93
36623		07 31 54.53	+24 30 12.6	8.02	2	H	112.977 194 80	+24.503 500 14		0.11	−9.52	−3.83	1.15	0.78	1.37	1.64	0.63	−17	+18	−49	+27	+15	−28	+18	−23	−5	+28	0	−1.26
36624		07 31 55.66	+38 53 46.0	6.56		H	112.981 933 20	+38.896 123 87		10.61	−39.16	−23.09	0.84	0.57	0.87	1.03	0.57	+10	+31	−22	+9	−11	+6	−5	−18	+5	+26	0	−1.39
36625		07 31 56.51	+33 11 46.6	8.91		H	112.985 474 21	+33.196 289 36		0.86	−5.31	−15.13	1.34	0.85	1.38	1.56	0.81	+13	+36	−8	+16	+2	+1	−3	−25	−14	+19	0	0.83
*36626		07 31 57.88	+36 13 11.7	10.52		G	112.991 177 33	+36.219 915 15		87.61	−224.41	−213.30	3.17	2.45	3.87	5.36	2.39	−7	+18	−47	+13	−13	+29	+11	−30	+17	+37	0	2.01
*36627		07 31 57.51	+36 13 49.6	11.82		G	112.989 645 45	+36.230 455 04		87.15	−258.15	−254.27	3.56	2.93	4.85	5.70	2.62	−22	+25	−58	+12	−21	+39	+15	−40	+27	+25	0	0.19
*36628		07 31 57.81	−35 15 32.3	9.02		H	112.990 860 95	−35.258 984 37		4.55	9.74	21.18	0.68	0.72	0.93	0.78	0.81	−6	+15	−10	+12	−5	+5	−8	−15	−3	−17	1	−1.26
36629		07 31 58.19	−05 56 33.5	6.84		H	112.992 437 57	−05.942 645 99		−0.07	−9.41	−3.48	0.90	0.56	0.97	1.02	0.58	+15	+20	−11	−44	−5	+2	−3	−55	+16	+10	0	1.55
36630		07 31 58.27	−22 55 07.1	8.20		H	112.992 778 01	−22.918 628 46		2.67	0.24	−12.91	0.72	0.80	1.08	0.86	1.03	−11	+14	−16	−16	−2	−12	−4	−14	+2	−26	0	1.08
36631		07 31 59.25	+12 39 41.0	6.51		H	112.996 872 71	+12.661 398 18		7.16	1.08	−39.40	0.75	0.45	0.81	0.71	0.44	−8	+48	−20	−26	−12	−21	−16	−27	−4	−4	2	2.30
36632		07 32 01.20	+35 36 10.6	7.02	2	H	113.004 984 72	+35.602 949 41		2.97	17.93	0.78	0.95	0.64	1.04	1.03	0.57	−9	+40	−21	+6	+7	+4	+7	−31	−2	+7	0	1.10
36633	H	07 32 01.92	+75 20 00.6	8.21		H	113.008 002 42	+75.333 506 77	A	2.53	0.30	−13.54	1.07	1.18	1.48	1.20	1.35	−7	+11	+4	+23	−5	+1	−4	+11	+9	+0	0	−0.16
36634		07 32 02.24	+61 45 29.1	6.68		H	113.009 319 43	+61.758 072 58		6.65	−16.98	−118.83	0.63	0.45	0.77	0.78	0.66	+19	+15	+0	+17	+9	+7	+9	+4	+17	−1	0	0.64
36635		07 32 02.30	+68 37 16.6	10.84		G	113.009 566 25	+68.621 273 85		40.48	−174.52	−117.30	1.15	1.31	2.14	1.10	1.67	+16	+11	−3	−24	−21	+6	−25	−17	+8	+19	0	−0.85
36636		07 32 02.70	+02 43 31.5	6.86		H	113.011 231 57	+02.725 429 22		7.78	−22.77	−10.86	0.80	0.49	0.93	0.84	0.47	−9	+31	−31	−34	−14	−25	−10	−38	+29	−13	0	2.02
36637	H	07 32 03.01	+17 19 11.5	10.98		G	113.012 543 59	+17.319 860 10	A	28.91	−219.32	−183.25	3.54	2.15	3.45	3.81	2.39	−19	+30	+5	−27	+3	−1	+3	−34	−7	−12	0	0.62
36638		07 32 04.36	−79 05 46.4	8.93	1	H	113.018 187 38	−79.096 209 06		1.76	−5.11	3.42	0.71	0.67	0.74	0.72	0.70	−16	+5	+13	−4	+10	+11	+7	−15	+4	−28	0	0.62
36639		07 32 04.97	−55 00 11.2	8.81		H	113.020 697 41	−55.003 116 91		1.44	−8.42	3.00	0.76	0.75	0.83	1.02	0.87	−5	+21	+3	−4	+9	+10	+8	−14	+12	−24	0	0.83
36640		07 32 05.82	−08 52 51.3	5.90		G	113.024 238 25	−08.880 918 51		33.40	−92.20	−167.52	0.79	0.49	0.93	0.84	0.52	+20	+41	+1	+5	+9	−15	+16	−20	+18	+23	0	−0.34
36641		07 32 05.95	+01 54 52.1	5.24		H	113.024 792 30	+01.914 482 27		4.14	−2.12	−0.56	0.67	0.38	0.76	0.78	0.40	+13	+20	−5	−9	−6	−4	−6	−41	+15	+4	0	0.05
36642		07 32 07.31	−08 52 59.1	8.59		H																							
36643		07 32 07.96	−29 38 06.6	7.74		G	113.033 161 94	−29.635 153 71		1.67	−2.54	10.74	0.48	0.65	0.84	0.57	0.88	+14	+6	−8	+21	+7	+19	+9	+15	−4	+19	0	−2.37
36644		07 32 08.35	−11 31 59.9	9.07		G	113.034 791 79	−11.533 305 65		3.36	−6.59	−0.95	0.84	0.78	1.28	0.90	0.83	−26	+18	−15	−6	+45	−19	+46	−32	+3	−12	0	−0.80
36645		07 32 11.81	+71 21 49.4	7.24		H	113.049 209 52	+71.363 728 84		3.09	−12.38	3.88	0.41	0.47	0.78	0.53	0.64	+16	+4	−13	+9	−18	+22	−14	−24	+16	+25	1	−0.77
36646		07 32 11.89	−28 44 03.7	9.01		H	113.049 525 43	−28.734 370 64		1.57	−3.26	4.48	0.66	0.91	1.14	0.78	1.13	+9	−1	−12	+32	+5	+8	+6	+18	−7	+6	1	−0.72
36647		07 32 12.91	+27 07 31.2	7.17		H	113.053 786 07	+27.125 336 13		7.62	−39.45	−73.47	0.87	0.64	0.97	1.05	0.62	−8	+22	−30	−9	−12	+5	−6	−28	+4	+9	6	0.75
36648		07 32 13.08	−27 54 37.3	8.52		H	113.054 485 73	−27.910 351 75		3.39	−7.16	8.68	0.94	1.26	1.70	1.15	1.68	+11	+11	−3	+22	+8	+0	+9	+14	+3	+11	2	
36649		07 32 14.27	+14 05 15.2	13.64		H																							
36650		07 32 14.55	−11 28 34.6	9.28		H	113.060 634 65	−11.476 288 69		6.29	−8.66	1.67	1.03	1.07	1.43	1.62	1.71	−50	+18	−24	−38	+70	−30	+65	−64	+7	−61	2	0.23
36651		07 32 15.87	+31 06 07.5	8.21		H	113.066 117 17	+31.102 085 48		1.24	−1.26	−12.36	1.06	0.72	1.17	1.18	0.65	−29	+30	−18	+18	−3	−28	−6	−10	−2	−18	0	0.76
36652	H	07 32 16.26	−18 31 04.2	7.34		G	113.067 744 60	−18.517 829 73	A	7.50	−22.36	−13.97	0.89	0.95	0.99	0.71	0.75	−27	+20	−14	−14	+4	−26	+7	−4	+20	−38	2	0.24
36653		07 32 16.87	−38 10 27.2	8.59		H	113.070 280 89	−38.174 226 88		5.90	−20.53	16.90	0.58	0.64	0.76	0.65	0.71	−6	+14	+1	−10	−5	−5	−1	+1	+13	−22	0	0.92
36654		07 32 20.54	−49 50 55.1	8.88		G	113.085 589 84	−49.848 642 57		17.00	4.71	233.85	0.73	0.73	0.81	0.84	0.77	+9	+16	+12	+0	+5	+5	+0	−19	−5	−9	0	−0.74
36655		07 32 22.20	−28 08 07.1	9.40		G	113.092 504 38	−28.135 295 80		3.59	−1.88	1.50	0.76	0.97	1.32	0.92	1.40	+2	+22	−16	+14	+1	+10	+1	+12	−9	+1	0	−0.51
36656		07 32 22.26	+58 49 59.5	9.51		H	113.092 746 17	+58.833 203 63		1.89	1.53	−1.00	1.00	0.86	1.45	1.10	1.12	−9	+29	−6	+35	+12	+8	+9	−4	+8	−29	2	−1.38
36657		07 32 22.28	−35 57 40.3	6.35		H	113.092 838 85	−35.961 198 58		4.41	−13.83	4.24	0.39	0.45	0.55	0.45	0.48	+2	+12	−11	+13	−2	−3	−7	−24	+9	−14	1	1.00
36658		07 32 25.24	−78 05 09.5	8.14		H	113.105 179 93	−78.085 983 13		8.89	−1.36	21.26	0.59	0.58	0.63	0.70	0.68	−5	+16	+10	+0	+1	+3	−2	−22	+7	−23	0	−1.65
36659		07 32 26.42	−00 31 06.1	7.69		G	113.110 079 59	−00.518 360 85		8.99	−27.53	−49.86	0.82	0.44	0.95	0.88	0.49	+16	+37	−15	−27	−1	−26	−1	−38	+13	+18	2	0.55
36660	H	07 32 26.99	+18 21 58.8	7.91		G	113.112 460 73	+18.366 329 31	A	7.74	−5.59	−25.90	1.40	0.86	1.41	1.40	0.82	−50	+34	−21	−25	−1	−30	−3	−22	+4	−9	1	−0.02
36661		07 32 32.75	+37 45 34.5	10.49		H	113.136 463 91	+37.759 590 65		5.30	−26.31	17.49	2.00	1.38	2.15	2.60	1.85	+0	+38	−14	−13	−20	−3	−14	−16	+15	+22	0	0.65
36662		07 32 33.55	−12 52 36.7	9.40		H	113.139 781 02	−12.876 853 35	A	5.17	−1.82	−4.83	2.21	2.25	3.84	3.00	2.57	−20	+5	−15	−23	+28	−52	+22	−23	−33	+9	10	1.34
36663		07 32 34.53	+21 24 28.2	6.81		H	113.143 872 23	+21.407 845 78		6.92	−8.45	−37.22	0.88	0.47	0.99	0.78	0.47	−50	+55	−38	−4	−10	+0	+5	−28	+16	−7	0	0.89
36664		07 32 34.56	+06 29 22.9	10.33		H	113.144 001 45	+06.489 695 32		−0.58	−2.57	3.82	1.57	0.97	1.77	1.70	0.91	−19	+37	−7	−10	−6	−2	+3	−38	+14	−15	0	−1.14
36665		07 32 35.52	−02 45 41.5	8.88		H	113.148 009 15	−02.761 526 29		1.95	−7.69	0.28	1.00	0.66	1.24	1.35	0.78	+9	+25	−12	−11	−16	−17	−12	−29	+8	+24	6	0.62
36666		07 32 36.65	−21 55 49.5	8.35	3	T	113.152 708 59	−21.930 424 27		2.72	−2.17	1.03	0.82	0.84	1.22	1.31	1.07	−6	+6	−10	+34	+15	−20	+12	+16	+18	−2	0	−0.32
36667		07 32 37.71	−24 34 22.2	8.49		G	113.157 140 45	−24.572 841 24		7.25	−12.71	3.87	0.86	1.06	1.28	1.20	1.97	−13	+12	−4	−4	+22	+5	+28	+15	+3	−10	0	−0.80
36668		07 32 37.91	−27 51 38.2	9.12		G	113.157 949 76	−27.860 598 62		−0.11	−2.26	2.73	0.61	0.84	1.16	0.78	1.26	+5	+7	−6	+2	+4	−5	+3	−2	−8	+2	0	0.52
36669		07 32 38.06	−20 39 29.2	9.25	3	H	113.158 593 05	−20.658 110 47	*	1.33	0.33	−5.47	2.35	3.02	3.73	3.33	4.55	−46	−22	+25	−67	+44	+61	+43	−71	−55	−69	0	0.02
36670		07 32 38.10	−16 49 29.4	8.92		G	113.158 730 33	−16.824 827 93		15.29	192.71	115.96	0.86	0.74	1.17	0.98	0.92	−17	+13	−11	−3	+21	−15	+24	−20	+1	+0	0	−0.85
36671		07 32 38.41	−47 17 47.0	9.43		H	113.160 043 51	−47.296 392 14		1.86	−2.13	−2.24	0.88	0.81	0.95	0.93	0.87	−16	+28	−2	−22	+11	−4	+14	−28	+14	−28	0	−0.62
36672		07 32 39.97	+46 32 05.8	7.63		H	113.166 542 12	+46.534 942 46		13.00	−50.07	−41.14	0.98	0.66	1.11	1.23	0.96	+1	+40	+15	+8	−9	−9	−7	−19	−4	+3	0	−0.71
36673		07 32 41.83	−09 40 09.6	7.56		G	113.174 290 01	−09.669 343 87		1.23	−6.84	−0.89	0.75	0.60	1.12	0.88	0.61	+21	−11	−37	−7	+6	−46	−15	−17	+9	+13	2	0.77
36674		07 32 43.05	−63 19 29.9	8.36		H	113.179 382 61	−63.324 962 42		4.39	−29.10	46.67	0.75	0.73	0.76	0.92	0.79	+0	−5	+15	−5	−16	+2	−17	−28	+8	−9	0	−0.08
36675		07 32 43.08	+08 19 05.3	10.74	3	H	113.179 482 71	+08.318 144 06	*	−4.20	−6.33	−14.63	3.33	1.26	4.26	2.50	1.41	−34	+80	−36	−69	+23	−66	+22	−50	+33	−39	0	1.06
36676		07 32 44.22	+01 55 15.9	9.51		H	113.184 256 54	+01.921 080 10		1.38	15.63	−15.72	1.22	0.74	1.42	1.45	0.79	−3	+34	+1	−7	−10	−18	−3	−28	+17	−10	0	0.98
36677		07 32 44.84	−09 24 39.6	7.41		H	113.186 849 67	−09.411 000 38		4.53	−9.25	−13.19	0.77	0.59	1.07	0.95	0.68	+15	−4	−18	−3	−4	−44	−14	−13	+18	+0	0	0.27
36678		07 32 45.02	−49 12 30.2	10.05		G	113.187 596 26	−49.208 401 77	B	1.56	−6.77	5.48	8.85	8.25	5.66	7.69	6.30	+4	+10	+12	+21	+2	+2	−4	−16	−2	−12	15	1.59
36679		07 32 45.52	+39 02 53.3	8.76		H	113.189 673 68	+39.048 137 72		4.74	27.54	−30.52	1.31	0.85	1.37	1.47	0.89	+8	+47	−18	−1	−16	+10	−9	−18	+4	+26	0	−0.22
36680		07 32 45.65	+46 46 09.9	9.37		H	113.190 209 22	+46.769 414 95		8.10	−2.68	13.75	1.37	0.90	1.58	1.92	1.51	−16	+33	−11	−14	−20	+4	−7	−50	+17	+12	0	−1.30
36681		07 32 45.83	−49 12 43.3	8.66		H	113.190 957 12	−49.212 018 91	A	2.50	−4.01	6.76	1.95	1.73	1.54	2.18	1.67	+5	+4	+10	+17	+8	+6	+0	−17	−4	−13	15	1.59
36682		07 32 46.16	−53 33 18.9	6.98	2	H	113.192 320 51	−53.555 262 47		1.72	−8.59	8.16	0.51	0.51	0.55	0.55	0.55	−12	+16	+9	−17	+6	−7	+7	−22	+11	−35	0	−0.29
36683		07 32 46.25	−20 47 31.4	8.61	2	T	113.192 690 38	−20.792 066 41		1.97	−24.05	42.09	0.72	0.70	1.01	0.94	0.94	−27	+20	−17	−11	+9	−13	+11	+0	+18	−34	0	0.07
36684		07 32 46.92	+28 59 16.0	9.38		H	113.195 497 11	+28.987 778 39		7.23	−19.50	−34.62	1.71	1.22	1.85	2.94	1.24	+26	+5	−37	−22	−29	−15	−26	−44	+3	+51	0	1.40
36685		07 32 47.03	−20 54 34.9	8.45	3	T	113.195 973 92	−20.909 694 40		−0.05	0.49	1.61	0.74	0.83	1.10	1.02	1.19	−40	+11	−16	−4	−1	−23	+0	+5	+19	−55	0	1.31
36686		07 32 47.74	−32 59 29.1	9.20		G	113.198 909 89	−32.991 413 23		8.51	−18.44	−7.53	0.70	0.83	1.04	0.87	1.03	+15	−4	−20	+10	−15	+16	−12	−12	+13	+19	1	0.84
36687		07 32 49.37	−02 02 03.6	6.82		H	113.205 689 60	−02.034 346 17		6.40	−27.18	−11.03	0.79	0.42	0.87	0.90	0.49	+33	+49	−2	−25	−21	−21	−14	−40	+3	+49	2	−0.01
36688		07 32 49.67	−07 17 05.6	7.99		H	113.206 940 24	−07.284 887 31		4.49	4.79	−7.47	0.98	0.67	1.08	1.28	0.71	+19	−27	−26	−50	−18	+32	−17	−57	+26	+32	0	0.95
36689		07 32 50.62	+16 20 42.4	7.69	1	H	113.210 932 19	+16.345 113 98		3.97	−19.02	−6.17	0.87	0.55	0.98	1.10	0.79	−23	+37	−16	−19	−4	−30	−7	−35	−2	−3	0	1.39
36690		07 32 50.64	+22 53 15.5	6.54		G	113.210 999 51	+22.887 644 36	A	6.88	−20.77	−15.73	1.65	0.93	1.36	1.61	0.99	−36	+27	−9	+11	−26	−12	−23	+8	+7	−4	3	0.77
36691		07 32 50.66	+22 53 03.9	8.80		H	113.211 083 24	+22.884 417 06	B	−1.20	−32.94	−22.59	14.63	8.25	5.98	13.71	6.37	−32	+19	−10	+13	−24	−17	−20	+5	+4	+8	3	0.77
36692		07 32 52.18	−07 56 37.0	8.65		G	113.217 433 30	−07.943 613 93		2.13	−3.89	0.27	0.97	0.68	1.13	1.23	0.76	+7	+28	−7	−6	+1	−8	+1	−24	+7	+3	0	−0.73
36693		07 32 52.54	+05 02 09.1	8.10		H	113.218 914 70	+05.035 857 08		2.88	0.28	−1.58	1.06	0.62	0.99	1.02	0.53	+23	+20	−27	−53	−30	−8	−27	−54	+16	+13	0	−0.93
36694		07 32 53.00	+34 47 19.6	10.57		H	113.220 839 58	+34.788 769 01		−0.65	58.47	−42.72	1.90	1.46	2.09	2.42	1.42	−18	+34	−23	−2	+12	+15	+18	−42	+8	+2	0	−0.95
36695		07 32 53.18	+58 31 30.8	9.20		H	113.221 564 31	+58.525 208 41		4.43	−10.75	−17.90	0.81	0.74	1.28	1.04	1.17	−5	+23	+14	+40	+10	+5	−5	−3	+4	−48	0	0.89
36696		07 32 55.00	+53 44 35.0	9.42		H	113.229 148 35	+53.743 046 99		−0.57	−6.52	−24.06	0.99	0.84	1.58	1.57	1.52	−4	+1	+17	+2	−24	+8	−28	+4	+24	−19	2	−0.30
36697		07 32 56.51	+43 03 16.3	9.01		H	113.235 467 22	+43.054 522 86		4.69	1.88	7.80	1.51	1.22	1.64	2.36	1.72	+21	+4	+0	+11	+17	+28	+18	−15	+1	+26	0	−0.76
36698		07 32 56.99	+62 36 30.5	7.85		H	113.237 443 87	+62.608 475 23		3.14	3.83	−6.74	0.72	0.64	1.03	0.89	0.99	−12	+17	+8	+37	−4	−5	−3	+16	+25	−32	0	0.62
36699		07 32 57.16	−31 27 38.8	8.18	2	H	113.238 169 12	−31.460 772 85		0.79	0.42	−1.79	0.52	0.67	0.85	0.61	0.84	+1	+0	−7	+15	−3	+13	−2	+1	−9	−3	2	1.69
36700		07 32 57.37	−22 17 10.9	8.37		H	113.239 057 94	−22.286 367 86		3.37	−8.82	6.17	0.71	0.76	1.19	0.94	1.00	−8	+2	−16	−6	−6	−18	−9	+2	+20	−13	0	1.61

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
36601	10.400	0.044	9.359	0.030		0.905	0.040	T	0.91	0.03	L	9.4149	0.0032	0.017	57		9.38	9.44		C			1							
36602	10.386	0.035	9.118	0.020		1.080	0.031	T	1.04	0.03	L	9.2017	0.0024	0.015	87		9.18	9.24		C			1							
36603	8.974	0.018	7.739	0.012		1.050	0.020	G	1.02	0.02	H	7.8068	0.0017	0.009	58		7.79	7.83		C			1 S							S
36604	10.211	0.046	9.615	0.041		0.556	0.054	T	0.63	0.05	L	9.6817	0.0042	0.026	39		9.64	9.72					1							
36605	8.502	0.007	8.680	0.010		−0.155	0.011	T	−0.15	0.01	L	8.6597	0.0031	0.032	186		8.62	8.70	1.70	P 1 A			1							
36606	8.435	0.011	8.500	0.014		−0.055	0.016	T	−0.03	0.02	L	8.5007	0.0014	0.010	81		8.49	8.52		C			1							S
36607	10.708	0.053	9.731	0.035		0.890	0.015	G	0.93	0.01	H	9.7709	0.0017	0.016	101		9.75	9.80					1							
36608	6.523	0.004	6.612	0.004	*	−0.076	0.005	T	−0.06	0.01	L *	6.5913	0.0022	0.020	137	*	6.56	6.66	1.32	P 1 A	07317−3553	I 1	2 C A	BC	122	0.521	0.014	3.34	0.08	S P
36609						1.600	0.495	G	1.57	0.51	J	8.9849	0.0762	0.559	133		8.36	10.09		D	07317−4317	I 2	S							G
36610	9.434	0.016	9.170	0.018		0.251	0.023	T	0.28	0.03	L	9.2303	0.0016	0.014	95		9.20	9.26		C			1							
36611	9.675	0.025	8.329	0.015		0.000	0.495	G	1.12	0.11	S	8.3429	0.0041	0.038	136		8.27	8.41		R	07317−4317	I 2	1 X S							
36612	9.205	0.014	8.751	0.014		0.428	0.018	T	0.50	0.02	L	8.7898	0.0013	0.014	110		8.77	8.81		C			1							
36613	9.842	0.029	8.791	0.020		0.940	0.015	G	0.88	0.02	A	8.8645	0.0021	0.016	95		8.84	8.89		C			1							
36614	10.582	0.034	9.239	0.019		1.139	0.030	T	1.10	0.03	L	9.2478	0.0021	0.022	142		9.21	9.29		C			1							
36615	8.587	0.012	8.805	0.018		−0.189	0.019	T	−0.20	0.02	L	8.7669	0.0017	0.013	88		8.74	8.78		C			1							
36616	6.905	0.004	5.570	0.003		1.126	0.006	G	1.02	0.04	E	5.6186	0.0007	0.005	90		5.61	5.63		C			1							S
36617											T	11.6055	0.0705	0.359	100		11.15	11.99	4.29	P 1 A			1							D
36618	8.390	0.010	7.215	0.006		1.008	0.009	T	0.98	0.01	L	7.2689	0.0008	0.008	126		7.26	7.28		C			1							S
36619	9.374	0.014	9.477	0.020		−0.100	0.020	G	−0.08	0.02	H	9.4898	0.0024	0.031	184		9.43	9.56					1							G
36620						1.613	0.218	G	2.63	0.54	I	10.9161	0.0057	0.051	72		10.85	10.99					1							G
36621	10.635	0.042	10.668	0.065	A	0.090	0.015	G	0.10	0.02	H *	10.5680	0.0032	0.034	111	*	10.51	10.62		C	07319−1657	H 1	2 C D	AB	248	4.337	0.048	2.69	0.17	D D
36622	9.669	0.019	8.851	0.015		0.722	0.018	T	0.77	0.01	L	8.9232	0.0022	0.016	108		8.90	8.95					1							
36623	10.800	0.064	8.244	0.016		2.056	0.048	T	2.10	0.05	L	8.0935	0.0025	0.070	54		8.00	8.23		U 2			1							P
36624	6.651	0.007	6.566	0.007		0.077	0.009	T	0.09	0.01	L	6.5935	0.0014	0.006	50		6.58	6.61		C			1							S
36625	10.523	0.044	9.021	0.021		1.263	0.038	T	1.22	0.04	L	9.0693	0.0020	0.014	60		9.02	9.09					1							
36626	12.308	0.258	10.672	0.088		1.439	0.006	G	1.77	0.01	I	10.6377	0.0095	0.057	45		10.57	10.86					1							G
36627						1.567	0.020	G	2.51	0.08	I	11.7809	0.0120	0.063	41		11.69	11.88					1							G
36628	9.635	0.020	9.072	0.019		0.531	0.020	T	0.60	0.02	L	9.1387	0.0021	0.018	129		9.10	9.16		C			1							
36629	8.527	0.012	6.974	0.007		1.304	0.011	T	1.26	0.01	L	6.9956	0.0012	0.008	84		6.98	7.01					1							S
36630	10.102	0.028	8.348	0.012		1.462	0.024	T	1.47	0.04	L	8.3333	0.0022	0.019	116		8.30	8.36					1							
36631	7.782	0.008	6.631	0.005		1.000	0.015	G	1.04	0.07	F	6.6804	0.0006	0.006	84		6.67	6.69		C			1							S
36632	9.157	0.020	7.243	0.009		1.589	0.017	T	1.61	0.02	L	7.1306	0.0032	0.025	54		7.09	7.16		U 2			1							S
36633	8.395	0.008	8.260	0.010	*	0.130	0.012	T	0.14	0.01	L *	8.2603	0.0016	0.018	168	*	8.23	8.29		D	07320+7520	I 1	2 C A	AB	349	0.721	0.003	1.00	0.02	S
36634	7.946	0.008	6.795	0.004		0.989	0.007	T	0.97	0.01	L	6.8498	0.0011	0.009	112		6.83	6.87		C			1							S
36635	12.283	0.159	10.935	0.073		1.494	0.096	G	2.03	0.55	I	10.9347	0.0032	0.040	175		10.87	11.01					1							G
36636	6.937	0.005	6.868	0.007		0.069	0.008	T	0.08	0.01	L	6.8886	0.0007	0.006	87		6.88	6.90		C			1							S
36637						1.400	0.053	G	1.67	0.14	I *	10.9519	0.0057	0.033	81	*	10.88	11.01		C	07321+1719	M 1	2 C C	AC	115	5.108	0.093	2.83	0.33	G
36638	11.368	0.061	9.127	0.017		1.893	0.052	T	2.55	0.09	O	8.9428	0.0024	0.026	125		8.90	8.99		U			1							
36639	10.980	0.054	9.013	0.018		1.667	0.047	T	2.01	0.11	O	8.8963	0.0024	0.018	102		8.86	8.93					1							
36640	6.550	0.005	5.984	0.004		0.540	0.015	G	0.69	0.07	F	6.0348	0.0008	0.007	90		6.02	6.05		D	07321−0853	I 2	1							S
36641	5.508	0.003	5.267	0.003		0.230	0.004	T	0.26	0.01	L	5.3051	0.0005	0.005	113		5.30	5.31		C			1							S
36642											T	8.7268	0.1574	1.336	74		6.58	9.91		D	07321−0853	I 2	S							G
36643	9.958	0.020	7.905	0.007		1.690	0.015	G	1.61	0.02	A	7.8763	0.0012	0.017	165		7.85	7.91					1							
36644	9.042	0.016	9.060	0.021		−0.007	0.015	G	0.01	0.01	H	9.0806	0.0018	0.018	107		9.05	9.11		C			1							
36645	9.020	0.009	7.384	0.005		1.369	0.008	T	1.34	0.01	L	7.3862	0.0012	0.013	209		7.37	7.41					1							S
36646	8.980	0.010	9.023	0.013		−0.001	0.009	G	0.02	0.01	H	9.0212	0.0018	0.023	179		8.98	9.06		C			1							
36647	8.596	0.014	7.289	0.009		1.111	0.013	T	1.07	0.01	L	7.3365	0.0015	0.010	61		7.32	7.36		C			1							S
36648	8.376	0.007	8.516	0.010		−0.122	0.011	T	−0.11	0.01	L	8.4843	0.0018	0.021	178		8.45	8.53			07322−2755	I 1	1 X S							
36649											T	13.7712	0.1250	0.000	1		13.77	13.77			07322+1405	I 1	S							G
36650	9.270	0.021	9.302	0.029		−0.010	0.020	G	0.01	0.02	H	9.2851	0.0020	0.017	109		9.25	9.31		C			1 G							G
36651	9.991	0.032	8.338	0.015		1.382	0.028	T	1.35	0.03	L	8.3572	0.0018	0.013	57		8.34	8.39					1							
36652	7.853	0.007	7.386	0.007	*	0.411	0.015	G	0.48	0.02	H *	7.4409	0.0009	0.011	153	*	7.42	7.46		D	07323−1831	H 1	2 C A	AB	175	0.439	0.008	2.52	0.04	S
36653	8.806	0.011	8.605	0.013		0.185	0.017	T	0.20	0.02	L	8.6507	0.0015	0.016	112		8.63	8.69					1							
36654	9.740	0.018	8.979	0.015		0.691	0.013	G	0.75	0.01	H	9.0237	0.0018	0.016	122		8.99	9.05					1							
36655	9.698	0.015	9.480	0.018		0.266	0.013	G	0.30	0.02	H	9.4869	0.0028	0.028	164		9.44	9.54					1							G
36656	9.545	0.019	9.520	0.025		0.028	0.029	T	0.04	0.02	L	9.5240	0.0025	0.029	122		9.48	9.58					1							
36657	6.237	0.004	6.341	0.004		−0.096	0.006	G	−0.08	0.01	H	6.3254	0.0008	0.007	131		6.31	6.34		C	07324−3558	I 1	1							S
36658	8.826	0.011	8.204	0.009		0.589	0.003	G	0.66	0.00	H	8.2612	0.0013	0.013	125		8.24	8.28					1							S
36659	8.267	0.009	7.728	0.009		0.486	0.015	G	0.56	0.02	H	7.7943	0.0008	0.010	143		7.78	7.81		C			1							S
36660	8.429	0.010	7.985	0.011	A	0.446	0.015	G	0.52	0.02	H *	8.0118	0.0010	0.008	85	*	8.00	8.03		D	07324+1822	I 1	2 C B	AB	113	4.030	0.052	3.78	0.10	S
36661	11.379	0.092	10.711	0.080		0.619	0.102	T	0.69	0.09	L	10.6193	0.0041	0.029	45		10.56	10.67		D			1 G							G
36662	9.421	0.025	9.370	0.032	A	0.447	0.020	G	0.10	0.14	L	9.4375	0.0088	0.022	96	A	9.41	9.49			07326−1253	I 1	2 C A	AB	139	12.446	0.005	0.14	0.02	
36663	8.047	0.009	6.908	0.005		0.979	0.008	T	0.96	0.01	L	6.9737	0.0009	0.007	117		6.96	6.99		C			1							S
36664	11.485	0.095	10.332	0.056		0.392	0.072	G	0.46	0.08	R	10.4241	0.0030	0.027	87		10.37	10.48					1							G
36665	9.035	0.014	8.891	0.016		0.139	0.020	T	0.15	0.02	L	8.9263	0.0018	0.018	102		8.89	8.96		D			1							
36666	9.109	0.015	8.422	0.013		0.635	0.016	T	0.70	0.01	L	8.4797	0.0220	0.156	98		8.12	8.69	3.01	P 1 A			1							
36667	9.145	0.015	8.551	0.014		0.550	0.020	G	0.62	0.02	H	8.6099	0.0033	0.021	89		8.57	8.66					1							
36668	9.244	0.012	9.140	0.015		0.137	0.015	G	0.15	0.01	H	9.1600	0.0017	0.020	161		9.13	9.21			07326−2752	I 1	1							
36669						1.500	0.510	G	2.91	1.20	Q	9.1795	0.1570	0.939	76		8.30	12.01	551.00	P 1 B			1 V							G P
36670	9.589	0.018	8.961	0.016		0.604	0.015	G	0.67	0.01	H	9.0400	0.0020	0.022	113		9.01	9.08					1							
36671	10.927	0.047	9.605	0.025		1.122	0.042	T	1.08	0.04	L	9.6001	0.0031	0.022	108		9.56	9.63		R			1							
36672	8.422	0.015	7.700	0.012		0.663	0.015	T	0.72	0.01	L	7.7678	0.0022	0.015	81		7.74	7.80					1							S
36673	7.463	0.007	7.533	0.011		−0.070	0.015	G	−0.05	0.01	H	7.5475	0.0014	0.009	75		7.53	7.57		C			1							S
36674	8.696	0.012	8.362	0.012		0.322	0.019	T	0.37	0.03	L	8.4363	0.0019	0.014	99		8.40	8.47					1							
36675						1.500	0.510	G	4.63	0.96	Q	9.8497	0.0615	0.979	77		6.52	10.58	326.30	P 1 B			1 V							G P
36676	10.946	0.092	9.651	0.048		1.101	0.081	T	1.06	0.08	L	9.6757	0.0023	0.019	95		9.64	9.70		C			1							G
36677	9.216	0.019	7.578	0.010		1.420	0.015	G	1.40	0.02	H	7.5541	0.0010	0.011	75		7.53	7.57					1							S
36678	9.996	0.025	9.901	0.033	B	0.080	0.020	G	0.09	0.02	H	9.9597	0.0255			B				D	07328−4913	I 2	1 C I A							
36679	9.303	0.024	8.808	0.024		0.436	0.005	G	0.50	0.01	H	8.8525	0.0022	0.010	49		8.84	8.87					1							
36680	9.880	0.031	9.400	0.030		0.452	0.039	T	0.52	0.04	L	9.4725	0.0024	0.018	81		9.43	9.51		C			1							
36681	8.612	0.011	8.635	0.015	A	−0.034	0.003	G	−0.01	0.00	H	8.6528	0.0098	0.058	125	A	8.60	8.79		D	07328−4913	I 2	1 C P A							
36682	6.877	0.008	6.974	0.008		−0.085	0.002	G	−0.07	0.00	H	6.9535	0.0043	0.063	112		6.92	7.09	0.98	P 1 A			1							S
36683	9.076	0.013	8.654	0.013		0.412	0.015	T	0.48	0.02	L	8.6707	0.0243	0.196	111		8.50	8.96	0.82	P 1 A			1							
36684	9.795	0.035	9.456	0.038		0.322	0.048	T	0.37	0.07	L	9.4604	0.0034	0.022	52		9.43	9.50		C			1							
36685	9.868	0.022	8.575	0.013		1.100	0.020	T	1.02	0.02	A	8.6593	0.0741	0.521	115		8.04	9.33	25.98	P 1 A			1 S							
36686	9.804	0.019	9.294	0.018		0.477	0.000	G	0.55	0.00	H	9.3087	0.0020	0.020	140		9.27	9.35		C	07328−3259	I 1	1 S							
36687	6.789	0.004	6.819	0.005		−0.023	0.006	T	0.00	0.01	L	6.8225	0.0012	0.008	114		6.81	6.84					1							S
36688	7.985	0.009	7.981	0.015		0.008	0.016	T	0.03	0.01	L	8.0057	0.0015	0.012	89		7.98	8.03		C			1							S
36689	9.727	0.022	7.864	0.010		1.581	0.020	T	1.68	0.07	O	7.7962	0.0021	0.016	96		7.77	7.82		U 2			1 G							
36690	7.750	0.007	6.618	0.004	A	0.998	0.020	G	0.94	0.04	E	6.6915	0.0038	0.010	121	A	6.68	6.72		D	07328+2253	I 2	1 C P A							S
36691	9.485	0.019	8.886	0.017	B	0.550	0.020	G	0.62	0.02	H	8.9949	0.0300			B				D	07328+2253	I 2	1 C I A							
36692	8.577	0.013	8.598	0.016		−0.040	0.015	G	−0.02	0.01	H	8.6396	0.0016	0.018	87		8.60	8.68		C			1							
36693	8.000	0.009	8.080	0.011		−0.068	0.013	T	−0.05	0.01	L	8.0877	0.0013	0.009	86		8.07	8.11		C			1							S
36694	11.361	0.114	10.790	0.111		0.659	0.126	G	0.72	0.10	R	10.7086	0.0046	0.031	47		10.66	10.78		C			1							G
36695	9.624	0.021	9.256	0.022		0.349	0.028	T	0.41	0.04	L	9.2857	0.0016	0.021	119		9.25	9.32					1							
36696	9.927	0.025	9.452	0.025		0.447	0.032	T	0.52	0.03	L	9.5224	0.0023	0.020	103		9.49	9.55		C			1 S							
36697	10.577	0.053	9.149	0.027		1.205	0.047	T	1.16	0.05	L	9.1711	0.0033	0.017	40		9.14	9.21		C			1							
36698	9.456	0.016	8.030	0.009		1.204	0.014	T	1.16	0.01	L	8.0143	0.0017	0.015	109		7.99	8.04					1							S
36699	10.305	0.026	8.387	0.010		1.626	0.023	T	2.19	0.06	O	8.2366	0.0027	0.027	170		8.19	8.28		U 2			1							
36700	8.322	0.011	8.346	0.014		−0.031	0.015	G	0.01	0.01	L	8.3756	0.0031	0.020	107		8.33	8.41					1							

Number HIP	Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag		Position: epoch J1991.25 α (ICRS) deg	δ deg	Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ	Standard Errors α* mas	δ	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ	Astrometric Correlations (%)	Soln F1 %	F2
1 2	3	4	5	6 7	8	9 10	11	12	13	14	15	16	17	18	19 20 21 22 23 24 25 26 27 28	29	30
36701	07 32 58.59	+66 56 16.3	7.70	H	113.244 118 67	+66.937 854 12	1.79	−24.65	−12.36	0.57	0.61	0.97	0.62	0.81	− 4 + 9 − 1 −18 +10 + 5 +14 −14 +28 +20	0	1.27
36702	07 32 58.96	−55 09 34.8	8.09	G	113.245 666 32	−55.159 675 85	10.87	−36.88	128.47	0.62	0.60	0.68	0.78	0.66	− 6 +23 + 6 − 1 + 3 +14 + 3 −21 +13 −21	1	1.15
36703	07 32 59.08	−06 51 57.6	7.28	H	113.246 175 79	−06.866 004 96	3.51	−6.58	−64.61	0.89	0.58	0.94	1.13	0.62	− 2 +11 −11 −48 + 5 − 1 + 5 −56 + 9 + 3	2	−0.12
36704	07 33 00.62	+37 01 47.4	7.68	H	113.252 570 44	+37.029 823 42	50.80	−50.10	8.54	1.21	0.87	1.29	2.03	0.90	+12 + 9 −43 +25 −18 +23 + 4 −16 +16 +45	0	−0.02
36705	07 33 01.60	−72 35 16.7	9.03	H	113.256 681 82	−72.587 961 09	4.47	−4.15	−12.83	0.71	0.63	0.74	0.71	0.68	+ 0 +31 − 2 −30 + 2 −15 + 1 −15 − 1 + 4	0	0.43
36706 H	07 33 01.85	−28 19 32.9	8.14	2 G	113.257 692 30	−28.325 817 70 A	0.52	−1.78	4.25	0.99	1.24	1.46	1.02	1.52	+ 6 +19 − 6 +38 − 1 + 5 − 2 +27 −14 + 1	9	1.07
36707	07 33 02.14	−23 56 03.4	7.75	H	113.258 917 78	−23.934 273 68	1.79	−4.54	4.30	0.60	0.66	0.89	0.70	1.06	− 1 +20 − 1 −14 + 6 −13 + 8 + 8 −10 − 9	0	−0.53
36708	07 33 02.56	+22 33 22.3	8.74	H	113.260 651 38	+22.556 195 60	−1.70	−3.32	−1.74	1.20	0.64	1.30	1.17	0.78	−35 +48 −17 − 4 − 7 + 6 − 4 −22 + 1 −17	0	−0.06
36709	07 33 02.90	+13 11 07.9	8.93	H	113.262 067 01	+13.185 516 54	0.50	−3.03	−21.36	1.07	0.62	1.21	1.13	0.60	−24 +50 −26 −20 − 3 −21 − 1 −31 + 6 − 2	2	0.14
36710	07 33 03.73	+76 55 15.2	10.32	G	113.265 539 93	+76.920 896 75	12.93	244.33	−200.12	0.96	1.07	1.42	1.07	1.55	+14 +17 + 3 − 2 + 0 + 2 − 1 + 4 + 5 +28	0	2.67
36711	07 33 03.79	+70 25 07.2	9.99	H	113.265 792 75	+70.418 669 39	2.02	4.30	−3.09	0.73	0.99	1.54	0.83	1.33	+37 + 7 − 3 − 9 −22 + 9 −24 −19 + 8 +42	0	−0.06
36712	07 33 04.02	+43 19 54.1	9.59	H	113.266 753 56	+43.331 681 66	6.26	26.04	−14.74	1.46	1.29	1.75	2.26	1.81	+ 2 +14 −16 + 8 +13 +24 +21 −23 +33 +23	0	−0.84
36713	07 33 05.09	−34 03 22.6	8.52	H	113.271 199 88	−34.056 265 37	3.49	−6.70	11.95	0.58	0.65	0.81	0.61	0.77	− 4 +12 + 6 +16 − 8 + 7 − 7 + 0 − 8 + 4	3	0.42
36714	07 33 05.15	+38 10 17.3	10.20	H	113.271 462 45	+38.171 483 32	5.21	1.18	−12.69	1.81	1.30	2.04	1.94	1.37	− 4 +41 −21 − 1 − 5 − 2 + 2 −17 +15 +10	0	−0.96
36715	07 33 05.31	+78 41 13.7	7.41	H	113.272 120 81	+78.687 128 45	11.03	−34.95	−97.37	0.54	0.52	0.70	0.66	0.68	+ 2 +29 + 8 − 7 + 8 + 7 + 9 − 2 + 7 + 1	0	0.25
36716	07 33 06.56	+15 58 56.8	7.89	G	113.277 324 25	+15.982 454 97	2.54	−7.39	−1.87	0.85	0.52	0.93	0.86	0.52	−16 +32 −18 −12 − 7 −10 − 5 −31 +14 −21	0	0.86
36717	07 33 07.88	−15 10 42.2	9.28	H	113.282 852 22	−15.178 392 85	2.16	−6.42	2.49	0.78	0.74	1.27	1.01	0.95	−14 + 4 −17 + 8 +31 −31 +31 − 6 −20 +22	0	1.12
36718	07 33 08.69	+27 26 02.1	9.24	H	113.286 217 42	+27.433 926 41	3.54	−4.71	−5.54	1.17	1.10	1.58	1.64	0.85	− 1 + 6 −63 −20 −32 +28 −11 −43 +26 +29	3	−1.83
36719	07 33 08.83	−13 25 12.4	7.86	H	113.286 782 80	−13.420 118 39	3.83	−4.22	−2.18	0.60	0.57	1.03	0.68	0.69	−20 + 8 −10 −10 +22 −34 +21 −11 −25 +20	0	−0.03
36720	07 33 09.67	+33 56 46.5	7.63	H	113.290 272 58	+33.946 256 70	2.30	−8.85	−6.66	1.01	0.68	1.07	1.26	0.67	−10 +26 −15 +29 − 3 +12 + 0 −12 −11 + 3	3	−1.03
36721	07 33 09.78	−24 42 38.8	5.84	G	113.290 740 12	−24.710 780 19	10.66	−1.83	20.07	0.51	0.54	0.77	0.72	0.96	− 4 +10 −18 −16 + 3 − 3 + 3 −11 + 2 − 2	0	2.36
36722	07 33 11.25	−11 36 42.2	9.04	H	113.296 854 87	−11.611 727 61	1.73	−1.25	0.02	0.85	0.79	1.22	0.98	0.94	−28 − 7 −19 − 7 +45 −22 +47 −30 −10 −12	3	0.34
36723	07 33 11.68	+03 17 25.0	5.59	H	113.298 646 50	+03.290 274 72	23.44	−15.73	42.84	0.72	0.44	0.77	0.75	0.42	+ 2 +20 −24 −27 −15 − 8 −13 −39 +16 −10	0	1.80
36724 H	07 33 11.71	+00 51 17.9	8.28	H	113.298 803 81	+00.854 977 87 *	2.00	−5.04	0.02	6.84	2.84	2.01	1.97	1.16	− 4 +43 + 2 −42 − 1 −26 − 1 −31 − 2 − 3	1	0.01
36725	07 33 12.71	+26 06 49.7	8.31	H	113.302 948 56	+26.113 814 96	2.74	3.03	−8.85	0.89	0.65	1.04	1.06	0.60	− 6 +21 −35 + 2 + 4 −23 − 5 −18 − 7 + 3	0	2.05
36726	07 33 12.90	−40 31 58.8	8.68	H	113.303 736 92	−40.532 993 98	2.76	−11.65	34.03	0.65	0.72	0.84	0.70	0.80	− 4 − 5 + 0 − 8 − 2 +19 − 3 −11 − 1 −10	0	−0.59
36727	07 33 12.96	−15 27 13.0	8.20	2 H	113.304 012 01	−15.453 614 40	−1.54	−1.61	2.03	0.65	0.59	1.01	0.79	0.70	−10 +18 − 9 +12 +27 −14 +31 − 6 + 3 +21	0	0.76
36728	07 33 13.17	−40 03 30.7	6.27	1 H	113.304 876 98	−40.058 536 13	4.85	−15.99	5.72	0.42	0.41	0.51	0.42	0.44	+ 1 +15 −10 − 7 − 9 +17 − 7 −21 + 7 + 0	2	0.45
36729	07 33 13.32	−43 05 10.1	6.53	G	113.305 509 94	−43.086 135 60	6.42	2.48	−26.05	0.41	0.43	0.49	0.44	0.47	+ 6 − 7 − 1 + 4 − 5 + 4 − 5 + 6 + 5 − 2	1	1.25
36730	07 33 13.67	+00 09 51.5	7.41	H	113.306 968 66	+00.164 307 79	1.43	−1.65	−3.50	0.78	0.42	0.92	0.88	0.48	+22 +33 − 1 −25 − 6 −29 − 5 −36 + 5 +18	0	0.89
36731	07 33 16.37	−22 18 03.3	8.32	G	113.318 200 13	−22.300 918 46	22.34	46.84	−247.05	0.73	0.84	1.22	0.94	1.08	−12 +15 −17 + 5 −11 −20 −12 +17 +13 −15	0	0.18
36732	07 33 19.55	−19 24 44.5	5.64	G	113.331 457 49	−19.412 354 09	11.15	24.10	−70.23	0.46	0.46	0.70	0.47	0.51	−12 +19 −20 −26 + 7 −12 + 5 −16 +12 + 5	0	1.16
36733	07 33 19.86	+09 19 34.3	7.65	G	113.332 729 79	+09.326 194 08	1.66	−9.48	−3.79	0.96	0.64	0.97	0.96	0.56	−35 +25 −10 −36 +17 + 3 +20 −56 + 8 −40	0	0.64
36734	07 33 21.42	−29 49 25.0	8.72	1 H	113.339 236 95	−29.823 605 51	1.88	−5.98	5.14	0.64	0.80	1.12	0.76	0.99	+10 + 8 −11 +27 − 1 +28 + 4 + 7 + 7 +21	0	0.56
36735	07 33 21.81	−68 46 06.6	6.60	H	113.340 879 91	−68.768 499 31	6.27	−5.25	−11.21	0.48	0.45	0.49	0.56	0.50	− 5 +22 +14 + 2 −16 − 9 −11 +10 +10 −30	0	−0.91
36736	07 33 22.19	−14 20 17.9	6.21	H	113.342 447 01	−14.338 306 68	2.16	−3.50	−0.10	0.52	0.44	0.80	0.60	0.53	−23 +16 −18 − 8 +28 −11 +33 −23 − 6 +25	0	0.92
36737	07 33 23.51	+49 44 23.3	11.35	G	113.347 978 74	+49.739 814 11	32.23	−466.72	−68.82	2.40	1.76	3.12	3.01	2.37	−24 +39 −28 −17 −27 + 5 −17 −34 +16 + 7	0	−1.85
36738 H	07 33 24.09	−28 42 37.7	8.77	H	113.350 363 15	−28.710 462 56 *	2.05	−2.53	5.72	0.64	0.79	1.03	0.77	1.04	+23 − 7 −10 +35 +14 − 6 +13 +17 − 1 +19	0	0.18
36739	07 33 24.64	+15 38 20.9	6.64	H	113.352 659 17	+15.639 148 44	5.23	−16.01	−7.13	0.73	0.45	0.80	0.74	0.44	−19 +39 −13 −17 − 5 −11 − 1 −35 +10 −18	2	1.88
36740	07 33 24.83	+37 11 16.4	6.40	H	113.353 453 42	+37.187 882 82	6.16	−0.55	5.87	0.94	0.74	1.10	1.59	0.74	+ 7 + 7 −46 +25 −11 +16 + 9 −24 +24 +42	0	0.72
36741	07 33 25.20	−33 23 59.7	7.34	H	113.354 980 24	−33.399 910 03	3.67	−8.86	3.36	0.48	0.51	0.66	0.58	0.56	+ 6 + 1 −24 +18 − 9 +10 − 6 −20 + 7 + 7	1	0.21
36742	07 33 25.97	+37 19 36.5	8.35	H	113.358 198 92	+37.326 802 92	5.06	−17.13	−26.26	1.22	0.94	1.36	1.76	1.01	+24 − 9 −38 + 6 − 9 +24 + 0 −18 +21 +35	0	−0.06
36743	07 33 26.08	−04 25 01.1	8.65	H	113.358 658 94	−04.416 977 21	1.75	2.37	−15.58	1.22	0.84	1.46	1.60	0.83	+ 9 +19 −26 − 4 − 2 + 3 + 2 −47 +24 +14	0	1.21
36744 H	07 33 27.13	−77 04 58.5	7.16	H	113.363 029 03	−77.082 915 53 A	4.36	−5.34	22.15	0.78	0.71	0.71	0.83	0.75	+ 4 +18 + 5 − 8 −15 − 5 −10 − 4 + 8 −21	1	0.38
36745	07 33 27.32	−50 35 03.4	6.69	H	113.363 839 53	−50.584 268 23	0.83	−2.96	5.30	0.45	0.48	0.52	0.58	0.53	+15 +11 + 3 − 2 − 6 +12 − 6 −11 − 1 +14	1	2.05
36746	07 33 27.50	+11 00 42.3	6.80	2 H	113.364 566 15	+11.011 751 45	2.19	−14.52	−16.10	0.84	0.49	0.87	0.83	0.45	− 3 +42 −26 −29 −13 −11 −11 −39 + 7 + 6	0	0.36
36747	07 33 28.60	+63 42 26.6	9.37	H	113.369 167 29	+63.707 400 91	0.47	−6.12	−5.98	0.98	0.87	1.51	1.05	1.17	+10 +16 −10 + 4 +29 +16 +38 + 2 +32 +46	0	−0.25
36748	07 33 29.38	−59 11 54.6	7.50	H	113.372 397 24	−59.198 506 46	2.62	10.06	−2.86	0.55	0.56	0.60	0.62	0.67	− 5 + 5 − 9 + 8 − 5 −16 − 6 + 4 +19 −19	0	2.40
36749	07 33 31.44	+07 14 57.2	10.01	H	113.380 992 82	+07.249 209 04	0.11	−3.93	−8.06	1.58	1.00	1.66	1.59	0.89	− 2 +27 −15 −34 −16 −12 −14 −43 + 4 − 1	0	1.08
36750	07 33 31.74	+47 48 09.8	11.48	2 H	113.382 229 76	+47.802 716 24	−2.36	−7.32	5.06	2.28	1.76	2.80	2.96	2.57	−43 +15 +17 −21 + 6 + 8 + 5 −45 − 9 −32	2	−1.20
36751	07 33 31.98	+30 37 42.6	7.46	H	113.383 242 10	+30.628 499 17	4.53	0.46	34.31	0.92	0.61	0.98	0.97	0.56	−11 +32 −15 +14 −12 −20 −18 − 4 −10 −10	0	3.35
36752	07 33 33.16	+11 27 31.6	8.76	H	113.388 170 07	+11.458 769 86	3.09	5.94	−3.95	1.13	0.65	1.22	0.98	0.57	−27 +52 −37 −39 − 5 +22 + 0 −40 +21 −23	0	−0.55
36753	07 33 33.27	+32 37 34.5	8.13	H	113.388 642 75	+32.626 262 13	−0.15	−5.32	−28.47	1.13	0.77	1.25	1.34	0.67	−17 +41 −36 +17 − 8 + 0 + 1 −21 + 3 +15	3	0.69
36754	07 33 33.57	−06 13 37.1	7.27	H	113.389 885 63	−06.226 979 26	4.09	−5.85	−2.60	0.82	0.54	0.95	1.00	0.56	+ 9 +20 − 7 −37 − 2 − 9 − 1 −49 + 6 +22	0	1.84
36755	07 33 33.61	+18 12 47.7	9.22	H	113.390 027 89	+18.213 248 28	1.69	3.73	−5.93	1.32	0.74	1.49	1.32	0.80	−45 +61 −33 −19 + 0 −33 − 4 −15 + 6 −16	2	−1.01
36756	07 33 34.32	−27 58 38.3	8.42	G	113.393 011 25	−27.977 318 31	0.92	−2.49	4.30	0.56	0.77	1.03	0.68	1.06	+11 +14 +10 +11 + 6 − 4 + 6 + 1 − 4 + 3	0	1.34
36757	07 33 34.41	+30 51 32.3	8.36	H	113.393 390 27	+30.858 985 82	1.71	2.84	−2.64	1.15	0.80	1.25	1.32	0.72	−31 +39 −28 +12 − 3 −20 − 5 −12 + 0 −14	3	3.60
36758	07 33 34.79	+39 27 14.8	9.83	H	113.394 950 09	+39.454 102 91	2.59	−28.79	−82.64	4.40	3.33	4.85	5.80	4.05	−27 +36 −30 +14 − 4 +24 + 4 −12 − 5 − 6	0	
36759	07 33 34.98	−40 54 42.0	10.22	H	113.395 765 76	−40.911 657 77	4.62	−14.58	13.48	0.90	0.96	1.15	0.98	1.06	− 9 − 8 + 0 −15 + 2 +16 + 3 − 6 − 2 −17	0	0.54
36760	07 33 36.50	+15 49 36.1	5.27	H	113.402 079 10	+15.826 692 39	8.69	−29.28	−12.62	0.65	0.43	0.71	0.66	0.41	−18 +31 −11 −10 − 9 − 5 − 8 −29 + 2 −21	2	0.55
36761	07 33 36.55	+47 42 07.3	10.55	H	113.402 311 55	+47.702 028 93	11.91	−7.24	9.49	1.89	1.35	2.31	2.51	2.04	−35 +26 + 5 −11 − 5 +16 − 6 −37 −10 −21	0	1.45
36762	07 33 38.22	−50 07 25.0	10.49	2 H	113.409 244 81	−50.123 614 26	5.36	−8.57	−4.87	1.05	1.11	1.20	1.22	1.22	+ 5 + 3 − 1 − 2 − 2 +10 − 4 −19 + 3 − 6	1	1.01
36763 H	07 33 38.82	−47 58 26.3	9.12	H	113.411 758 31	−47.973 963 21 A	16.64	47.99	−105.45	1.35	1.21	1.27	1.57	1.24	−13 + 0 − 8 + 9 +13 − 3 + 6 −18 +13 −29	1	−0.71
36764	07 33 41.96	+70 04 21.1	10.10	2 H	113.424 838 53	+70.072 523 06	1.66	16.64	23.28	0.72	1.11	1.66	0.81	1.42	+35 + 0 − 1 + 8 − 8 − 8 − 9 − 4 − 3 +39	0	0.82
36765	07 33 42.54	+25 24 01.8	8.85	H	113.427 260 58	+25.400 490 76	1.43	−9.89	−7.72	1.09	0.76	1.30	1.51	0.74	− 4 + 6 −26 +16 + 5 −38 − 3 −14 −19 +12	0	0.11
36766	07 33 42.71	−69 53 28.2	8.56	1 H	113.427 972 11	−69.891 176 36	2.84	7.18	−2.15	0.78	0.66	0.75	0.87	0.80	+ 2 +10 − 1 − 8 −11 + 4 −10 − 3 +12 −15	0	1.67
36767	07 33 42.83	+07 25 24.4	7.92	H	113.428 465 79	+07.423 437 27	2.33	36.01	−28.14	0.94	0.56	1.08	0.98	0.54	−16 +42 −19 −32 − 2 −34 − 5 −36 + 5 − 7	0	0.62
36768	07 33 44.98	+44 28 45.7	8.64	H	113.437 416 23	+44.479 366 00	3.39	22.93	−15.16	1.34	1.07	1.61	1.97	1.40	−10 +30 −14 +26 − 8 +41 − 2 − 7 − 1 − 1	0	−1.08
*36769	07 33 45.58	+41 10 26.2	7.79	H	113.439 902 63	+41.173 936 70	1.93	−1.86	2.24	1.12	0.75	1.10	1.34	0.92	+14 +39 + 6 + 6 + 7 − 3 + 5 + 4 − 5 +18	0	−0.64
*36770	07 33 45.56	−30 23 22.1	8.03	G	113.439 812 55	−30.389 476 77	9.73	−1.52	−35.23	0.47	0.56	0.76	0.57	0.68	+ 3 + 8 −16 + 8 − 4 + 4 − 3 + 4 − 3 + 5	2	−1.50
36771	07 33 47.36	+13 24 29.4	7.91	G	113.447 342 16	+13.408 152 93	8.08	8.47	−48.93	0.90	0.61	0.99	0.90	0.53	−16 +28 + 4 −13 − 1 −10 − 2 −40 − 8 −19	2	−0.86
36772	07 33 47.93	−61 54 33.7	8.96	H	113.449 691 53	−61.909 355 26	1.95	−6.26	12.87	0.79	0.78	0.83	0.91	0.89	+ 2 − 6 + 0 + 7 − 3 + 1 − 9 −20 +12 −18	0	−0.46
36773	07 33 47.97	−14 31 26.0	4.82	2 H	113.449 866 14	−14.523 901 09	0.97	−7.73	3.62	0.56	0.42	0.77	0.64	0.53	−11 +27 − 4 + 9 +34 +10 +45 −14 + 8 +43	0	−0.10
36774	07 33 49.07	−35 57 40.0	8.57	H	113.454 470 03	−35.961 112 44	1.82	69.74	11.74	0.59	0.69	0.84	0.68	0.77	− 8 +14 −14 +11 + 5 − 2 − 1 −24 + 6 −24	0	1.47
36775	07 33 50.25	−43 06 49.4	6.68	1 H	113.459 371 62	−43.113 730 14	3.12	0.24	−0.33	0.43	0.45	0.52	0.46	0.51	+ 8 − 7 − 6 − 4 − 9 + 6 − 9 − 1 + 9 + 3	0	−0.34
36776	07 33 50.49	−35 48 51.2	8.07	H	113.460 360 06	−35.814 218 97	−0.11	−3.08	−1.60	0.57	0.63	0.80	0.65	0.68	− 6 +13 − 5 +18 + 3 +10 − 4 −21 + 1 −25	1	1.34
36777	07 33 50.54	−49 45 02.8	8.48	G	113.460 577 80	−49.750 775 11	4.58	−9.21	28.05	0.69	0.69	0.77	0.81	0.77	+ 8 + 2 + 3 + 0 + 0 + 3 − 2 −13 + 3 − 8	0	−0.05
36778	07 33 51.05	−36 20 18.2	5.42	2 T	113.462 706 22	−36.338 401 57	2.56	−8.59	4.11	0.37	0.38	0.49	0.42	0.40	+11 + 7 −12 +13 −11 + 1 −14 −18 +17 − 4	0	−1.02
36779 H	07 33 51.53	+51 18 51.1	6.44	H	113.464 698 59	+51.314 201 47 A	3.73	−11.48	−22.56	0.91	0.74	1.01	1.06	0.89	−20 +28 − 2 −24 −12 −10 − 5 −33 +16 −20	2	0.06
36780	07 33 52.38	−28 34 03.9	6.77	H	113.468 267 26	−28.567 747 11	7.46	−27.43	15.09	0.40	0.51	0.68	0.46	0.59	+10 +11 − 1 +25 + 4 +12 + 4 + 5 + 6 + 8	0	1.41
36781 H	07 33 52.88	−46 44 17.3	8.03	G	113.470 344 69	−46.738 144 17 A	4.47	−10.85	−9.53	1.24	1.04	0.90	1.02	0.81	−24 +10 + 1 + 9 + 3 − 6 + 2 − 6 + 9 −19	2	−0.22
36782	07 33 54.93	−35 00 42.4	8.91	H	113.478 895 58	−35.011 766 22	0.58	−8.16	11.95	0.62	0.75	0.91	0.70	0.79	+ 0 + 3 + 7 +12 −15 − 4 −16 −16 − 2 − 9	0	−1.23
36783	07 33 57.02	+60 00 59.6	7.90	H	113.487 597 02	+60.016 541 86	3.27	−13.98	−12.52	0.69	0.51	0.96	0.78	0.78	+17 +22 +11 +31 +11 − 5 + 8 + 4 +24 −20	0	0.18
36784	07 33 57.29	−50 51 59.2	9.60	H	113.488 725 77	−50.866 437 67	13.41	−17.75	12.33	0.85	0.90	0.96	1.07	1.05	+13 + 8 +11 − 8 −14 + 3 −15 −26 −11 + 8	0	−0.30
36785	07 33 57.37	+03 39 05.0	8.07	H	113.489 032 91	+03.651 388 46	2.75	−2.89	7.97	1.04	0.65	1.15	1.34	1.05	−12 +30 − 9 −36 − 5 −23 −11 −43 −15 + 8	0	0.46
36786	07 33 58.13	−28 39 21.0	9.19	H	113.492 223 93	−28.655 828 92	2.23	−2.16	2.03	0.67	0.78	1.06	0.77	0.96	+ 1 + 3 − 2 +27 + 3 + 8 + 3 +11 + 2 − 2	0	−1.52
36787	07 33 58.31	−39 54 21.4	6.76	G	113.492 966 18	−39.905 932 49	5.81	−41.43	51.72	0.46	0.48	0.58	0.53	0.62	+ 1 + 5 + 0 + 8 − 6 +11 − 4 − 4 +12 +13	1	1.25
36788	07 33 58.83	−69 38 28.1	11.34	H	113.495 106 44	−69.641 151 58	4.93	−5.89	−164.15	1.67	1.64	1.74	1.82	1.89	+ 1 +13 +10 − 5 −11 − 2 −11 − 7 + 5 −13	1	0.31
36789	07 34 00.33	+21 07 25.8	8.32	1 H	113.501 359 55	+21.123 832 40	1.81	−6.39	−7.03	1.09	0.63	1.19	1.20	0.68	−47 +46 −30 −14 + 9 −10 +16 −37 + 3 − 5	0	0.17
36790	07 34 01.73	+38 42 20.8	8.95	H	113.507 189 94	+38.705 778 79	3.04	−12.05	−25.24	1.38	0.87	1.35	1.50	1.03	+17 +44 −10 + 3 − 8 + 1 − 6 + 6 + 3 +25	0	1.50
36791	07 34 02.30	−03 44 56.3	8.55	H	113.509 576 61	−03.748 959 62	3.06	−9.21	−4.45	1.09	0.59	1.24	1.04	0.63	+19 +47 −13 −19 −14 −11 − 7 −38 +18 +15	0	1.01
36792	07 34 02.43	−37 19 09.4	7.81	G	113.510 129 17	−37.319 281 09	1.52	−5.94	5.85	0.48	0.56	0.66	0.50	0.59	+16 − 9 − 4 − 6 −14 +16 −17 −16 +11 + 2	1	0.39
36793	07 34 02.93	+57 15 30.4	7.82	H	113.512 189 01	+57.258 447 56	4.63	−51.26	−47.74	0.64	0.57	0.96	0.80	0.85	−16 +17 + 6 +33 − 1 + 2 −11 − 1 + 5 −49	0	1.25
36794	07 34 03.03	−11 02 50.5	9.01	H	113.512 638 90	−11.047 361 66	2.35	−7.54	−0.68	0.78	0.68	1.26	0.91	0.85	−11 +21 −29 +18 +39 −24 +39 + 4 − 1 + 5	0	1.89
36795	07 34 03.21	−22 17 46.3	4.44	G	113.513 358 13	−22.296 180 77	38.91	−40.38	46.84	0.44	0.46	0.66	0.57	0.70	− 6 + 4 − 2 − 3 − 3 −25 − 2 +10 +11 −20	0	−0.30
36796	07 34 04.98	+10 34 05.2	6.28	H	113.520 757 34	+10.568 113 57	7.76	−30.67	−15.31	0.76	0.45	0.79	0.73	0.38	+ 0 +38 −18 −33 −17 − 6 −11 −47 + 9 − 3	0	1.27
36797	07 34 05.38	−33 59 51.3	9.20	2 G	113.522 425 50	−33.997 575 70	0.64	0.18	3.39	0.62	0.69	0.90	0.67	0.76	− 4 +16 − 5 −15 − 2 − 5 − 5 −27 − 8 −12	1	0.19
36798	07 34 05.59	−45 53 36.3	8.36	H	113.523 272 93	−45.893 404 78	3.54	5.77	11.54	0.64	0.60	0.72	0.72	0.60	− 1 + 9 +13 +17 − 7 − 8 − 6 + 5 + 2 −13	1	−0.53
36799	07 34 05.96	−53 15 53.6	8.07	H	113.524 815 00	−53.264 885 80	2.40	−16.12	13.15	0.60	0.57	0.64	0.65	0.64	−13 +17 − 1 −14 + 8 −11 + 8 −25 +17 −34	0	−0.30
36800	07 34 06.18	−41 38 44.4	8.78	H	113.525 744 18	−41.645 662 10	1.54	−5.34	7.42	0.66	0.68	0.80	0.73	0.74	− 4 + 7 + 5 −12 + 6 − 4 + 6 −11 + 2 −13	0	1.15

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
36701	9.674	0.019	7.864	0.009		1.507	0.017	T	1.54	0.03	L	7.8293	0.0016	0.018	154		7.80	7.86					1						
36702	8.685	0.013	8.172	0.012		0.518	0.015	G	0.59	0.02	H	8.1998	0.0013	0.013	105		8.18	8.22			07329−5510	I 1	1						S
36703	8.706	0.013	7.401	0.008		1.120	0.015	G	1.08	0.02	H	7.4443	0.0013	0.009	85		7.43	7.46		C			1						S
36704	8.800	0.019	7.799	0.014		0.863	0.018	T	0.88	0.01	L	7.8203	0.0029	0.012	41		7.79	7.86		C			1						S
36705	9.207	0.014	9.024	0.016		0.168	0.020	T	0.18	0.02	L	9.0876	0.0018	0.018	114		9.06	9.11		C			1						
36706	8.112	0.007	8.150	0.008	A	0.005	0.003	G	0.03	0.00	H *	8.1397	0.0018	0.017	169	*	8.11	8.17		U	07330−2820	I 1	2 C D	AB	177	9.766	0.106	4.18	0.42	D
36707	7.524	0.006	7.724	0.009		−0.170	0.015	G	−0.18	0.02	H	7.6914	0.0014	0.015	103		7.66	7.71					1						S
36708	10.678	0.035	8.905	0.014		1.477	0.030	T	1.49	0.04	L	8.8628	0.0015	0.016	122		8.84	8.89					1						
36709	9.743	0.024	9.021	0.021		0.663	0.026	T	0.72	0.02	L	9.0628	0.0018	0.011	78		9.05	9.08		C			1						
36710	11.245	0.050	10.372	0.037		0.722	0.001	G	0.77	0.00	H	10.4808	0.0035	0.033	147		10.41	10.55					1						G
36711	9.720	0.014	9.917	0.023		−0.172	0.023	T	−0.18	0.03	L	9.9249	0.0025	0.035	232		9.86	9.99					1						G
36712	10.129	0.038	9.642	0.038		0.458	0.049	T	0.53	0.05	L	9.6867	0.0059	0.025	44		9.65	9.73					1						
36713	8.686	0.010	8.536	0.012		0.136	0.015	T	0.15	0.01	L	8.5722	0.0020	0.018	140		8.55	8.60					1 G						
36714	10.881	0.062	10.243	0.054		0.593	0.071	T	0.66	0.07	L	10.3268	0.0035	0.027	50		10.28	10.37					1						G
36715	8.107	0.009	7.490	0.008		0.574	0.011	T	0.65	0.01	L	7.5366	0.0008	0.010	138		7.52	7.55					1						S
36716	7.929	0.009	7.881	0.012		0.020	0.002	G	0.04	0.00	H	7.9091	0.0010	0.011	90		7.89	7.93		C			1						S
36717	9.288	0.014	9.269	0.018		0.022	0.021	T	0.04	0.02	L	9.2981	0.0020	0.024	116		9.27	9.36					1						G
36718	9.187	0.020	9.243	0.027		−0.046	0.031	T	−0.02	0.03	L	9.2348	0.0033	0.016	51		9.20	9.26					1						
36719	7.958	0.007	7.857	0.010		0.098	0.011	T	0.11	0.01	L	7.8972	0.0013	0.014	126		7.87	7.93		C			1						S
36720	7.706	0.010	7.623	0.011		0.082	0.014	T	0.09	0.01	L	7.6654	0.0015	0.011	55		7.64	7.68		C			1						S
36721	6.044	0.003	5.864	0.003		0.156	0.004	G	0.17	0.00	H	5.8960	0.0009	0.007	98		5.88	5.91					1						S
36722	8.910	0.012	9.030	0.017		−0.070	0.015	G	−0.05	0.01	H	9.0206	0.0024	0.019	104		8.98	9.05					1						
36723	5.979	0.004	5.621	0.003		0.321	0.006	G	0.37	0.01	H	5.6676	0.0006	0.006	84		5.66	5.68		C			1						S
36724	9.890	0.023	8.427	0.012	*	1.233	0.020	T	1.19	0.02	L *	8.4454	0.0013	0.012	120	*	8.43	8.47		C	07332+0051	H 1	2 C B	AB	152	0.197	0.046	2.45	0.57	
36725	8.445	0.012	8.334	0.014		0.108	0.017	T	0.12	0.02	L	8.3499	0.0020	0.010	72		8.33	8.38		C	07332+2607	I 1	1						S
36726	9.998	0.021	8.794	0.013		1.030	0.019	T	1.00	0.02	L	8.8457	0.0018	0.018	132		8.81	8.87		C			1						
36727	8.612	0.010	8.241	0.011		0.406	0.006	G	0.47	0.01	H	8.2905	0.0026	0.024	124		8.25	8.32		U 2			1						
36728	6.105	0.003	6.239	0.004		−0.129	0.002	G	−0.12	0.00	H	6.2266	0.0017	0.014	123		6.20	6.24	1.94	P 1 A			1						S
36729	7.675	0.005	6.637	0.004		0.918	0.002	G	0.94	0.04	E	6.6846	0.0006	0.006	142		6.68	6.70					1						S
36730	7.248	0.006	7.390	0.008		−0.122	0.015	G	−0.11	0.02	H	7.3760	0.0009	0.009	124		7.36	7.39		C			1						S
36731	9.159	0.019	8.447	0.016		0.671	0.013	G	0.73	0.01	H	8.4745	0.0021	0.020	101		8.44	8.50					1						
36732	7.093	0.005	5.757	0.003		1.121	0.001	G	1.01	0.04	E	5.8068	0.0006	0.008	126		5.79	5.82					1						S
36733	8.664	0.012	7.732	0.009		0.823	0.015	G	0.85	0.01	H	7.8066	0.0014	0.009	80		7.79	7.83		C			1						S
36734	10.904	0.042	8.934	0.014		1.669	0.036	T	2.18	0.08	O	8.7883	0.0025	0.030	160		8.74	8.83		U			1						
36735	6.646	0.003	6.609	0.003		0.030	0.002	G	0.05	0.00	H	6.6215	0.0009	0.007	127		6.61	6.63					1						S
36736	6.125	0.003	6.197	0.004		−0.061	0.005	T	−0.04	0.01	L	6.1984	0.0009	0.008	125		6.19	6.21		C			1						S
36737						1.415	0.020	G	1.71	0.05	I	11.4861	0.0053	0.045	92		11.40	11.56		C			1						G
36738	8.641	0.008	8.762	0.011	*	−0.105	0.012	T	−0.09	0.01	L *	8.7342	0.0017	0.018	171	*	8.71	8.77		D	07334−2843	I 1	2 C S A	AB	63	0.176	0.005	0.33	0.19	
36739	8.007	0.008	6.750	0.006		1.071	0.008	T	1.04	0.01	L	6.8062	0.0008	0.007	93		6.79	6.82		C			1						S
36740	8.000	0.013	6.539	0.009		1.231	0.012	T	1.19	0.01	L	6.5671	0.0014	0.007	43		6.56	6.58					1						S
36741	7.159	0.006	7.310	0.008		−0.132	0.009	T	−0.12	0.01	L	7.3018	0.0011	0.010	140		7.29	7.32					1						S
36742	8.915	0.021	8.394	0.020		0.489	0.026	T	0.56	0.03	L	8.4622	0.0022	0.013	43		8.43	8.49		C			1						S
36743	9.801	0.023	8.716	0.015		0.938	0.021	T	0.93	0.01	L	8.8148	0.0026	0.021	82		8.78	8.87					1						
36744	7.236	0.006	7.162	0.007	*	0.067	0.008	T	0.08	0.01	L *	7.1843	0.0010	0.009	119	*	7.17	7.20		C	07335−7705	H 1	2 C C	AB	44	0.798	0.030	3.81	0.13	S
36745	6.569	0.004	6.673	0.004		−0.087	0.003	G	−0.07	0.00	H	6.6632	0.0007	0.008	113		6.65	6.67					1						S
36746	8.887	0.012	7.011	0.006		0.700	0.495	G	2.51	0.10	O	6.8155	0.0055	0.052	84		6.77	6.91		U 2			1 S						S P
36747	11.026	0.048	9.485	0.022		1.294	0.042	T	1.25	0.04	L	9.5313	0.0021	0.020	123		9.49	9.58		C			1						
36748	9.496	0.017	7.671	0.008		1.518	0.015	T	1.55	0.02	L	7.6236	0.0015	0.011	107		7.61	7.64					1						S
36749	10.349	0.037	10.042	0.043		0.292	0.053	T	0.33	0.07	L	10.0850	0.0046	0.036	88		10.04	10.14		R			1						G
36750											T	11.5681	0.0300	0.216	127		11.30	11.84	0.24	P 1 A			1						G P
36751	8.970	0.018	7.586	0.010		1.171	0.016	T	1.13	0.01	L	7.6289	0.0015	0.011	57		7.61	7.66		C			1						S
36752	10.666	0.041	8.909	0.017		1.465	0.035	T	1.47	0.05	L	8.8933	0.0015	0.013	88		8.87	8.92		C			1						
36753	9.822	0.028	8.263	0.015		1.308	0.025	T	1.27	0.03	L	8.2867	0.0021	0.016	59		8.27	8.33		C			1						
36754	8.499	0.011	7.371	0.008		0.971	0.011	T	0.96	0.01	L	7.4345	0.0010	0.009	98		7.42	7.45					1						S
36755	10.344	0.035	9.346	0.025		0.873	0.032	T	0.88	0.02	L	9.3761	0.0017	0.017	77		9.35	9.41		C			1						
36756	8.773	0.009	8.454	0.010		0.331	0.000	G	0.39	0.00	H	8.5089	0.0016	0.017	173		8.48	8.54					1						
36757	10.307	0.045	8.527	0.019		1.483	0.039	T	1.50	0.06	L	8.4901	0.0028	0.012	49		8.47	8.51		C			1						
36758	10.439	0.047	9.908	0.047		0.498	0.060	T	0.57	0.06	L	9.9388	0.0039	0.021	44		9.87	9.99					1 X						
36759	10.624	0.031	10.238	0.034		0.377	0.039	T	0.44	0.04	L	10.3071	0.0026	0.029	130		10.26	10.35		C			1						G
36760	5.335	0.002	5.274	0.003		0.055	0.003	T	0.07	0.00	L	5.2940	0.0007	0.005	93		5.28	5.31		C			1						S
36761	11.325	0.067	10.550	0.053		0.705	0.067	T	0.76	0.06	L	10.6934	0.0042	0.041	116		10.64	10.76		C			1						G
36762	11.059	0.052	10.577	0.057		0.454	0.070	T	0.52	0.07	L	10.5855	0.0220	0.189	114		10.46	10.91	0.43	P 1 A			1						G
36763	10.041	0.024	9.203	0.018	A	0.600	0.495	G	0.72	0.06	L *	9.2552	0.0017	0.015	105	*	9.23	9.28		D	07336−4758	I 1	2 C B	AB	243	4.223	0.026	3.10	0.14	
36764	10.402	0.020	10.135	0.025		0.254	0.030	T	0.29	0.04	L	10.1709	0.0023	0.043	264		10.06	10.23		U			1 S						G
36765	10.785	0.053	8.974	0.020		1.507	0.045	T	1.54	0.07	L	8.9681	0.0024	0.015	58		8.94	9.00		C			1						
36766	10.750	0.045	8.762	0.016		1.648	0.038	T	1.67	0.04	L	8.6672	0.0025	0.021	102		8.63	8.70		U			1						
36767	9.276	0.016	8.051	0.010		1.047	0.015	T	1.02	0.01	L	8.0904	0.0016	0.011	85		8.07	8.11		C			1						
36768	10.243	0.047	8.752	0.025		1.255	0.042	T	1.21	0.04	L	8.8030	0.0031	0.019	45		8.77	8.83		C			1						
36769	9.802	0.034	7.956	0.015		1.535	0.029	T	1.58	0.06	L	7.9040	0.0018	0.010	40		7.89	7.92					1						
36770	8.425	0.007	8.056	0.008		0.366	0.015	G	0.43	0.02	H	8.1181	0.0012	0.016	173		8.09	8.15		C			1						
36771	8.711	0.013	7.997	0.011		0.679	0.015	G	0.74	0.01	H	8.0412	0.0014	0.012	82		8.02	8.06		C			1						S
36772	10.680	0.040	9.111	0.018		1.316	0.035	T	1.28	0.04	L	9.1167	0.0024	0.020	119		9.08	9.15		C			1						
36773	6.724	0.005	5.118	0.005		1.362	0.005	T	1.37	0.01	L	4.9406	0.0051	0.042	112		4.83	5.01		U 2			1 S						S P
36774	9.637	0.020	8.679	0.015		0.890	0.015	G	0.90	0.01	H	8.7240	0.0014	0.014	123		8.70	8.75		C			1						
36775	8.957	0.011	6.879	0.004		1.758	0.010	T	2.24	0.02	O	6.7317	0.0015	0.015	143		6.71	6.76		U 2			1						S
36776	10.296	0.029	8.266	0.011		1.681	0.025	T	1.71	0.03	L	8.1731	0.0016	0.014	128		8.15	8.20					1						
36777	9.921	0.020	8.567	0.012		1.123	0.020	G	1.15	0.02	A	8.6349	0.0018	0.016	118		8.61	8.66		C			1						
36778	5.296	0.008	5.405	0.007		−0.078	0.021	G	0.09	0.03	C	5.3760	0.0073	0.065	145		5.33	5.48		U 2 C			1						S
36779	8.200	0.012	6.590	0.004	*	1.348	0.010	T	1.31	0.01	L *	6.5885	0.0009	0.007	89	*	6.58	6.60		D	07339+5119	H 1	2 C A	AB	133	0.800	0.020	3.30	0.07	S
36780	7.128	0.004	6.799	0.004		0.308	0.008	G	0.35	0.01	H	6.8426	0.0009	0.010	188		6.82	6.86					1						S
36781	8.680	0.011	8.085	0.010	*	0.546	0.009	G	0.62	0.01	H *	8.1497	0.0013	0.012	114	*	8.14	8.17		D	07339−4644	H 1	2 C A	AB	119	0.448	0.010	2.35	0.05	S
36782	10.021	0.022	9.008	0.016		0.884	0.020	T	0.89	0.01	L	9.0677	0.0018	0.017	118		9.04	9.09		C			1						
36783	9.273	0.012	7.997	0.007		1.086	0.011	T	1.05	0.01	L	8.0701	0.0011	0.014	176		8.04	8.10		C			1						
36784	10.506	0.035	9.655	0.026		0.747	0.033	T	0.79	0.02	L	9.7420	0.0025	0.022	115		9.71	9.77					1						
36785	10.226	0.032	8.282	0.012		1.613	0.027	T	1.63	0.03	L	8.1813	0.0014	0.017	90		8.15	8.21					1 G						
36786	9.084	0.014	9.143	0.019		−0.049	0.021	T	−0.03	0.02	L	9.1807	0.0016	0.022	171		9.14	9.22		C			1						
36787	8.215	0.009	6.891	0.005		1.129	0.002	G	1.12	0.04	E	6.9231	0.0008	0.009	134		6.91	6.94		C			1 G						S
36788											T	11.4755	0.0056	0.046	103		11.37	11.56					1						G
36789	10.648	0.041	8.521	0.013		1.759	0.034	T	1.79	0.04	L	8.4233	0.0021	0.021	99		8.37	8.45		U			1						
36790	9.431	0.024	8.988	0.024		0.418	0.031	T	0.48	0.03	L	9.0491	0.0020	0.013	45		9.02	9.07		C			1						
36791	9.845	0.031	8.650	0.019		1.023	0.028	T	1.00	0.02	L	8.7144	0.0026	0.025	94		8.68	8.76		R			1 S						
36792	7.763	0.006	7.810	0.008		−0.030	0.007	G	−0.01	0.01	H	7.8033	0.0010	0.011	132		7.78	7.82		C			1						S
36793	9.261	0.019	7.954	0.012		1.111	0.018	T	1.07	0.02	L	7.9891	0.0013	0.011	107		7.97	8.01		C			1						S
36794	8.959	0.012	9.005	0.016		−0.037	0.018	T	−0.01	0.02	L	9.0031	0.0014	0.015	115		8.98	9.03		C			1						
36795	5.068	0.002	4.508	0.002		0.521	0.012	G	0.60	0.00	A	4.5497	0.0004	0.004	107		4.54	4.56		C			1						S
36796	6.302	0.004	6.278	0.004		0.022	0.005	T	0.04	0.00	L	6.2901	0.0005	0.006	89		6.28	6.30		C			1						S
36797	11.224	0.064	8.965	0.016		0.700	0.040	G	2.90	0.27	O	8.7933	0.0027	0.028	128		8.74	8.83		U 2			1						
36798	9.723	0.018	8.477	0.011		1.063	0.016	T	1.03	0.01	L	8.5248	0.0016	0.012	123		8.50	8.55		C			1						
36799	7.999	0.007	8.048	0.009		−0.054	0.002	G	−0.03	0.00	H	8.0609	0.0012	0.011	117		8.04	8.08		C			1						S
36800	10.531	0.033	8.940	0.016		1.334	0.029	T	1.30	0.03	L	8.9360	0.0017	0.016	133		8.90	8.96					1						

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
36801	H	07 34 07.17	−60 14 36.7	7.68		G	113.529 881 98	−60.243 536 38	A	7.70	−12.69	39.13	0.94	0.81	0.84	0.92	0.83	−8	+29	+7	+33	−6	+10	−10	+2	+9	−28	0	−0.20
36802		07 34 08.68	−50 50 26.3	7.52	2	H	113.536 179 42	−50.840 646 33		2.28	9.10	68.26	0.54	0.56	0.61	0.66	0.63	+13	+5	+10	−8	−10	+3	−11	−19	−8	+8	0	1.18
36803		07 34 09.24	+46 09 03.2	7.11	1	H	113.538 492 24	+46.150 881 60		4.56	−39.28	−34.58	0.97	0.68	1.08	1.04	0.83	+8	+53	+3	+19	+22	−25	+20	+6	+4	−3	0	−0.26
36804		07 34 09.75	+42 05 16.0	7.95		G	113.540 633 60	+42.087 776 99		8.85	−62.29	19.46	1.15	0.87	1.18	2.00	1.28	+14	+16	−17	−8	−23	+19	−14	−12	+23	+44	0	−0.41
36805		07 34 10.94	+74 21 34.6	8.05		G	113.545 596 60	+74.359 613 70		6.08	−1.74	24.29	0.50	0.50	0.81	0.52	0.65	−1	+22	−14	+1	+1	+16	+7	−16	+2	+18	2	−0.16
36806		07 34 12.13	+54 21 46.9	8.63		H	113.550 534 81	+54.363 027 17		2.13	−9.93	0.55	0.88	0.67	1.17	1.26	1.06	+29	+9	−6	−27	−41	+12	−41	−21	+9	+14	0	0.33
36807		07 34 12.86	−33 27 48.9	6.11		H	113.553 603 44	−33.463 583 95		11.37	−55.92	63.25	0.42	0.44	0.58	0.45	0.45	+1	−1	−9	+12	−11	+1	−12	−14	+6	−4	3	0.95
36808		07 34 12.96	−20 08 14.7	6.93		H	113.553 993 86	−20.137 419 22		1.28	−6.51	2.68	0.51	0.52	0.74	0.60	0.64	−23	+14	−23	−16	+16	−10	+14	−6	+3	−15	0	1.48
36809		07 34 13.20	−16 11 17.1	6.72		H	113.555 020 49	−16.188 090 32		17.16	−79.31	132.72	0.55	0.48	0.80	0.70	0.60	−5	+13	+3	+18	+23	−8	+27	−7	−3	+14	0	−0.34
36810		07 34 13.68	+10 49 27.6	7.85		H	113.556 985 97	+10.824 331 60		1.47	−5.10	−0.91	0.90	0.53	0.90	0.82	0.45	−1	+40	−25	−41	−16	−16	−13	−44	+11	−5	0	0.47
36811		07 34 14.69	+71 35 24.6	7.61		H	113.561 214 20	+71.590 173 46		9.08	−10.16	−50.16	0.41	0.50	0.76	0.49	0.67	+12	+4	−12	+11	−13	+15	−10	−22	+13	+21	1	−1.22
36812		07 34 15.89	+03 22 18.3	5.83		H	113.566 225 24	+03.371 736 32		4.82	−3.19	−4.53	0.73	0.47	0.79	0.75	0.40	+2	+20	−23	−31	−14	−7	−12	−45	+12	−2	0	0.17
36813		07 34 15.91	−86 46 20.7	8.60		H	113.566 303 53	−86.772 424 57		0.73	−10.43	5.30	0.70	0.76	0.81	0.85	0.89	−11	−2	−14	+0	+2	−10	−2	−23	+6	−23	3	0.05
36814		07 34 16.93	+53 35 20.0	8.84		H	113.570 529 72	+53.588 885 64		1.02	9.83	−8.18	0.91	0.79	1.34	1.25	1.19	−6	+15	+8	−22	−11	+16	−13	−31	+3	−7	0	0.11
36815		07 34 18.49	+29 23 04.5	10.43		H	113.577 046 76	+29.384 580 12		1.09	8.59	−7.52	2.20	1.57	2.19	3.00	1.45	+24	+8	−37	−23	−48	+20	−36	−33	+10	+33	0	0.84
36816		07 34 18.52	−55 57 44.2	12.44		H	113.577 164 96	−55.962 265 29		−0.46	−0.85	−6.79	2.77	2.89	3.05	3.62	3.27	−2	+4	+7	+16	−11	+12	−12	−10	+5	−12	1	−1.09
36817	H	07 34 18.67	−23 28 25.2	5.06		H	113.577 807 54	−23.473 663 19	A	34.41	−88.67	0.97	1.17	1.11	1.13	1.07	1.44	−14	−5	+1	−40	+3	−6	+12	+4	−11	−34	7	0.11
36818		07 34 18.86	−45 16 46.9	10.49	2	H	113.578 563 57	−45.279 706 10		15.32	−311.93	439.85	1.10	1.20	1.38	1.31	1.13	−6	−1	+27	+14	−10	−3	−12	−12	+8	−22	13	3.36
36819		07 34 18.99	+44 46 33.1	9.65		H	113.579 106 35	+44.775 852 82		7.33	−20.93	−35.67	1.41	1.18	1.62	1.79	1.46	−11	+30	−24	+13	+13	+8	+21	−22	+15	+7	0	2.52
36820		07 34 19.18	−62 24 55.8	9.40		H	113.579 929 57	−62.415 495 09		4.16	9.30	3.43	0.81	0.81	0.85	1.01	0.89	−5	−1	+7	+3	−11	−2	−12	−15	+8	−22	0	−1.35
36821		07 34 19.57	−01 19 06.0	7.54		H	113.581 542 14	−01.318 342 49		4.68	−31.86	−3.47	0.84	0.46	1.00	1.05	0.54	+29	+35	−10	−21	−8	−16	−3	−40	+17	+36	0	0.83
36822		07 34 19.60	+14 45 11.3	8.02	1	H	113.581 671 77	+14.753 143 31		6.22	−15.71	−14.15	0.88	0.53	1.01	0.97	0.52	−23	+41	−27	−24	+3	−25	+6	−39	+16	−8	0	0.53
36823		07 34 19.65	−46 45 36.4	8.18		H	113.581 872 51	−46.760 123 21		5.16	10.45	−21.11	0.66	0.62	0.74	0.75	0.63	−2	+19	+13	+10	−14	+2	−12	+11	+2	−13	3	1.13
36824		07 34 23.11	−32 19 24.9	9.06		H	113.596 282 86	−32.323 593 23		3.03	4.46	−16.32	0.68	0.85	1.15	0.83	0.92	+2	−5	−11	+24	−6	+26	−5	−9	+8	−1	0	−1.09
36825	H	07 34 23.23	−42 04 25.6	7.46		H	113.596 782 14	−42.073 782 58	A	3.81	−2.38	−10.28	0.68	0.70	0.75	0.66	0.70	−9	+13	+12	+1	−8	−2	−6	−11	+4	−14	1	0.19
36826		07 34 25.50	+14 06 04.1	7.74	1	H	113.606 260 96	+14.101 142 53		1.97	−3.50	−7.69	0.97	0.61	1.11	1.00	0.54	−37	+48	−26	−24	+16	−33	+14	−40	+4	−11	2	−1.50
36827		07 34 26.21	−06 53 47.7	8.16	1	G	113.609 228 80	−06.896 572 77		40.32	−83.68	−43.15	1.10	0.72	1.26	1.56	0.81	+17	−27	−36	−55	−11	+17	−15	−52	+18	+39	0	1.32
36828		07 34 26.58	+59 50 14.2	8.27		G	113.610 751 92	+59.837 289 74		3.21	5.99	4.68	0.66	0.48	0.95	0.79	0.76	+28	+17	+2	+24	+18	−9	+13	−2	+15	−11	0	−0.76
36829		07 34 26.73	−12 21 34.4	8.09		H	113.611 354 33	−12.359 569 28		0.96	−2.47	1.13	0.80	0.63	1.05	0.95	0.67	−16	+14	−28	−26	+37	−27	+32	−27	−4	+20	0	0.70
36830		07 34 27.18	−42 23 56.6	7.30		H	113.613 229 86	−42.399 056 42		3.56	−4.89	13.54	0.46	0.47	0.55	0.49	0.53	+3	+3	−1	+5	−4	+4	−4	+0	+5	+1	0	−1.07
36831		07 34 28.05	+18 49 05.3	9.64		H	113.616 895 79	+18.818 150 82		2.59	2.98	−3.91	1.38	0.80	1.58	1.35	0.82	−38	+57	−33	−13	+0	−28	−12	−12	−11	−6	0	0.06
36832		07 34 28.07	−52 58 07.8	7.59		G	113.616 946 55	−52.968 838 89	+	35.27	−34.89	279.51	1.68	2.16	0.65	0.72	0.63	+34	+9	+20	−17	−16	−19	+14	−3	+6	−26	0	−0.41
*36833		07 34 28.07	−54 03 55.0	7.26		H	113.616 976 91	−54.065 286 40		4.05	−8.01	19.21	0.57	0.54	0.60	0.67	0.64	−12	+15	−4	−10	+5	−8	+5	−12	+7	−30	0	0.74
*36834		07 34 28.07	+62 56 30.3	10.40		H	113.616 950 99	+62.941 755 85		87.01	−496.04	−104.92	1.60	1.29	2.17	1.99	2.13	−7	+25	+12	+30	+1	−2	−1	+8	+11	−39	3	2.00
36835		07 34 28.26	+28 24 38.7	7.70	2	G	113.617 746 07	+28.410 739 25		2.73	−1.22	−2.60	0.97	0.74	1.03	1.29	0.69	+11	+10	−30	−27	−35	+20	−23	−40	+12	+23	0	0.46
*36836		07 34 28.92	−13 52 13.5	6.71		H	113.620 490 49	−13.870 405 41		21.80	−35.10	94.51	0.54	0.44	0.86	0.65	0.57	−25	+11	−8	−11	+21	−16	+24	−17	−2	+19	1	0.94
*36837		07 34 28.85	−26 07 00.4	6.64		H	113.620 224 47	−26.116 782 30		9.65	−18.92	−29.66	0.29	0.49	0.70	0.34	0.66	+32	+2	−3	+16	+6	+3	+8	−10	+5	+35	0	0.89
36838		07 34 29.18	+16 57 14.8	7.78		H	113.621 572 98	+16.954 113 03		3.81	−4.59	−3.27	0.93	0.61	1.01	0.91	0.57	−34	+38	−17	−22	+5	−20	+6	−37	+9	−36	2	−0.48
36839		07 34 30.56	+44 55 31.9	7.87		H	113.627 313 17	+44.925 530 80		5.50	50.79	6.19	1.05	0.80	1.11	1.31	1.00	+15	+18	−5	+28	+13	−10	+13	+4	+2	+19	0	0.84
36840		07 34 31.31	−63 29 38.3	8.83		H	113.630 457 97	−63.493 967 60		1.35	−10.70	21.65	0.87	0.85	0.88	1.01	0.88	+4	+9	+21	−17	−15	−2	−15	−28	−4	−12	0	−0.96
36841		07 34 31.59	+28 41 11.7	6.66		H	113.631 621 97	+28.686 577 08		5.14	2.06	0.08	1.06	0.77	1.00	1.40	0.70	+31	+4	−27	−39	−46	+14	−37	−44	+11	+35	0	0.90
36842		07 34 31.87	+46 53 34.0	8.64		H	113.632 808 40	+46.892 771 86		7.46	−27.86	−31.83	1.23	0.75	1.34	1.50	1.09	−5	+42	+4	−5	−12	−3	−9	−26	−4	+10	0	0.22
36843	H	07 34 32.00	+12 18 17.0	7.30		H	113.633 343 81	+12.304 724 73	A	3.72	−18.62	−9.20	1.85	1.11	1.50	1.70	1.00	−32	+27	−22	−39	−16	−13	−13	−21	+6	−5	3	0.43
36844		07 34 33.40	−09 51 36.7	8.22		H	113.639 154 11	−09.860 184 76		2.62	−0.18	−2.92	0.68	0.61	1.21	0.84	0.69	−10	+1	−33	+11	+29	−49	+18	−4	+5	−7	0	−0.50
36845		07 34 33.80	−70 22 55.4	8.06		H	113.640 851 11	−70.382 066 95		6.86	−15.19	31.58	0.66	0.59	0.64	0.80	0.70	+9	+6	−4	−19	−22	+14	−19	−2	+3	−2	1	0.70
36846		07 34 34.02	+28 43 59.9	8.56		H	113.641 729 88	+28.733 303 45		14.16	−23.97	24.13	1.29	0.92	1.24	1.80	0.95	+24	+8	−14	−32	−41	+4	−34	−36	+5	+28	0	−0.46
36847		07 34 34.35	−21 18 23.4	7.48		H	113.643 127 65	−21.306 497 51		3.81	−13.52	4.10	0.61	0.59	0.87	0.82	0.86	−4	+7	−21	−2	+15	−18	+14	+12	−10	−11	0	0.12
36848		07 34 34.83	−27 00 44.8	5.78		G	113.645 106 31	−27.012 448 68		10.41	−46.86	71.46	0.33	0.47	0.67	0.37	0.61	+23	−3	+0	+17	−1	+10	−2	−15	+6	+21	0	0.26
36849		07 34 35.10	+16 54 06.6	8.94		G	113.646 266 15	+16.901 837 65		12.15	5.17	−295.42	1.14	0.79	1.24	1.21	0.81	−39	+28	−15	−23	+8	−27	+6	−32	+9	−43	0	0.11
36850	H	07 34 36.00	+31 53 19.1	1.58		G	113.650 018 98	+31.888 636 45	A	63.27	−206.33	−148.18	1.20	1.03	1.23	1.60	1.47	−7	+23	+26	−4	+28	+24	+10	−44	−35	−36	40	2.17
36851		07 34 36.24	+48 11 29.1	7.27		H	113.651 010 49	+48.191 405 18		4.68	−5.03	−1.68	0.74	0.55	0.91	0.92	0.77	−37	+29	−3	−14	−5	−5	−4	−29	+3	−24	0	−0.86
36852		07 34 37.84	+00 10 27.8	8.44		H	113.657 687 25	+00.174 381 42		2.29	−1.91	−2.37	1.03	0.57	1.13	1.12	0.66	+13	+36	−1	−38	−11	−20	−11	−37	+0	+15	0	1.05
36853		07 34 39.00	+22 20 16.3	11.53		G	113.662 504 60	+22.337 864 39		39.31	169.85	−95.24	2.85	1.56	3.31	3.62	2.00	−33	+23	−12	−1	−12	+26	−4	−22	+11	−10	0	−0.46
36854	H	07 34 39.04	−52 48 36.1	7.98		H	113.662 677 71	−52.810 022 58	*	1.95	−8.91	7.56	0.66	0.58	0.67	0.69	0.63	−12	+20	+5	−14	+5	−6	+6	−18	+9	−29	0	0.89
36855		07 34 39.23	+51 32 45.4	8.34		H	113.663 466 26	+51.545 938 06		16.09	−78.03	−75.88	0.92	0.73	1.14	1.23	1.07	−28	+26	−2	−17	−12	−12	−11	−23	+9	−31	2	0.80
36856		07 34 39.58	−51 28 28.3	6.29		H	113.664 935 72	−51.474 537 80		2.45	−4.78	8.53	0.43	0.43	0.47	0.47	0.44	+15	+14	+10	−18	−12	+2	−11	−17	+1	−1	0	−1.25
*36857		07 34 39.84	−38 49 26.8	9.08		H	113.665 996 41	−38.824 111 51		3.44	9.88	13.20	0.73	0.78	0.93	0.81	0.79	−7	+12	−15	+23	+1	+20	+2	−19	+16	−13	0	−1.15
*36858		07 34 39.83	+80 53 48.1	6.54		H	113.665 941 50	+80.896 689 88		4.23	−5.60	3.04	0.42	0.44	0.56	0.47	0.54	+8	+24	+5	+14	+1	+9	+2	+11	+7	+11	0	0.20
36859		07 34 40.53	+28 30 08.0	7.45		H	113.668 881 84	+28.502 209 65		4.83	−3.85	−47.84	0.99	0.73	1.07	1.38	0.73	+6	+8	−28	−24	−25	+14	−16	−34	+6	+19	0	0.81
36860		07 34 42.17	−53 55 09.5	8.53		H	113.675 695 50	−53.919 304 51		0.37	−11.87	8.75	0.74	0.76	0.80	0.84	0.90	−13	+8	−2	−11	+10	−7	+8	−18	+2	−33	0	1.73
36861		07 34 42.36	−61 04 58.2	8.35		H	113.676 504 50	−61.082 826 11		2.83	−3.74	9.72	0.65	0.61	0.65	0.74	0.68	−13	+1	+2	+28	−7	−7	−11	−1	+7	−28	0	−0.56
36862		07 34 43.00	−58 39 25.2	8.95		H	113.679 178 96	−58.656 996 16		5.99	10.19	−54.16	0.75	0.74	0.80	0.84	0.92	−7	−8	−5	+7	−12	−3	−15	+1	+20	−11	0	0.17
36863		07 34 43.74	−44 41 31.4	6.77		H	113.682 252 22	−44.692 053 60		2.80	−13.82	38.52	0.47	0.46	0.56	0.53	0.50	+3	+4	−6	+2	−15	+18	−14	−11	+16	−3	0	0.87
36864		07 34 44.41	+22 57 11.4	8.13		H	113.685 040 61	+22.953 157 12		4.30	19.67	−13.68	1.05	0.57	1.12	1.03	0.66	−45	+48	−20	−5	−1	−1	+6	−27	+7	−22	0	−0.84
36865		07 34 44.42	−11 07 35.8	9.10		H	113.685 095 75	−11.126 624 33		4.90	−12.13	−0.56	0.79	0.69	1.36	0.99	0.82	−13	+10	−36	+15	+29	−38	+20	−10	+14	−16	0	1.24
36866		07 34 44.44	−66 38 38.6	8.79		G	113.685 181 40	−66.644 068 27		22.27	−37.84	230.54	0.72	0.69	0.77	0.62	0.78	−10	+5	+13	−44	−11	−12	+1	+13	+12	−36	0	−0.36
36867		07 34 45.40	+02 25 16.1	7.39		H	113.689 156 36	+02.421 143 18		3.35	−10.98	−1.49	0.86	0.53	1.00	0.95	0.48	−10	+38	−24	−4	−12	−9	−2	−35	+15	+6	2	−1.30
36868		07 34 45.60	−22 46 53.7	7.88		H	113.689 986 42	−22.781 575 55		1.57	−6.41	4.98	0.61	0.67	0.94	0.70	0.99	−8	+15	−9	−16	−6	−23	−8	+5	+8	−16	0	0.73
36869		07 34 46.22	+02 43 31.8	6.55		H	113.692 592 91	+02.725 511 81		6.98	−21.26	−6.44	0.75	0.51	0.83	0.80	0.44	−8	+27	−23	−19	−7	−14	−5	−41	+10	−2	0	−0.09
36870		07 34 47.64	−29 24 36.0	7.66		H	113.698 502 52	−29.410 009 91		4.27	−13.28	−7.12	0.43	0.55	0.74	0.49	0.64	+9	+5	−9	+20	−6	+24	−4	−2	+21	+12	0	0.55
36871		07 34 49.00	+63 10 17.0	7.79		H	113.704 186 54	+63.171 376 77		4.22	−3.38	−15.05	0.79	0.64	1.02	0.91	0.90	−13	+33	−8	+43	−4	+8	−3	+14	+14	−29	0	0.06
36872		07 34 49.31	−55 46 25.2	8.15		H	113.705 445 40	−55.773 660 95		3.71	6.54	−4.53	0.74	0.77	0.82	0.95	0.87	+0	+12	+1	+22	−8	+17	−10	−14	+8	−9	0	−1.08
36873		07 34 49.59	+40 52 36.4	7.90		H	113.706 639 02	+40.876 777 74		5.94	−6.75	−14.37	1.31	0.81	1.25	1.26	0.94	−3	+59	+0	+19	+0	+3	+3	+23	+6	−1	0	−0.05
36874		07 34 50.33	+24 57 19.2	7.37		G	113.709 693 49	+24.955 328 49		25.42	129.72	−352.76	0.89	0.50	0.99	1.30	0.58	−22	+20	−22	+21	−2	−28	+7	−20	−12	+22	0	0.44
36875		07 34 51.08	−44 17 46.1	6.81		G	113.712 814 61	−44.296 147 52		5.62	−17.74	2.31	0.43	0.47	0.51	0.45	0.50	+12	−7	−8	−3	−19	+10	−21	−23	+16	+2	0	1.70
*36876		07 34 52.16	+43 28 20.6	8.59		H	113.717 329 17	+43.472 388 26		5.58	−13.48	−26.05	1.34	1.10	1.51	2.18	1.54	+13	+18	−25	+32	+17	+20	+31	−6	+16	+44	0	−0.65
*36877		07 34 52.15	−40 43 40.1	10.17		H	113.717 276 77	−40.727 815 33		6.27	−4.18	22.09	0.94	1.12	1.26	0.96	1.22	−11	−3	+0	−14	+5	+15	+5	−16	−11	−18	0	1.23
36878		07 34 52.71	−10 23 05.9	11.14		G	113.719 613 95	−10.384 960 23		6.33	422.77	−482.62	1.41	1.25	2.44	1.68	1.50	−20	+19	−18	+18	+24	−33	+23	+7	+10	−14	0	2.08
36879		07 34 53.17	+03 20 34.6	7.25		H	113.721 560 13	+03.342 943 86		6.46	8.23	17.06	0.89	0.55	0.97	0.95	0.50	+1	+11	−16	−35	−17	−13	−15	−41	+13	−4	0	−0.61
36880	H	07 34 53.67	−05 25 29.2	8.66		H	113.723 644 45	−05.424 779 24	B	0.05	−2.05	−5.23	4.52	2.99	2.75	3.57	2.14	−29	+10	+10	−10	−9	+6	−12	−15	−6	+44	1	1.25
36881		07 34 54.81	−17 06 51.5	8.91		H	113.728 367 83	−17.114 292 24		8.71	−20.44	6.57	0.79	0.75	1.19	0.86	0.91	−11	+16	−17	−20	+17	−20	+14	−24	−6	−5	0	−2.34
36882		07 34 57.44	+03 16 35.5	6.56		H	113.739 328 93	+03.276 516 80		6.39	−46.71	33.35	0.84	0.50	0.87	0.86	0.44	+5	+17	−17	−36	−15	−8	−14	−47	+9	−1	0	−0.76
36883		07 34 59.32	+24 15 55.8	7.65	2	H	113.747 146 12	+24.265 496 72		−1.14	−2.07	−12.73	0.92	0.54	1.06	0.99	0.56	−42	+41	−36	−2	+2	−26	−4	−16	−6	−6	0	−0.04
36884		07 34 59.50	+04 26 22.3	6.82		H	113.747 933 81	+04.439 520 80		1.65	−2.84	−2.25	0.90	0.52	0.98	0.89	0.43	−21	+34	−31	−18	+6	−6	+13	−55	+27	−16	0	−1.21
36885		07 34 59.73	−55 05 09.3	9.00		H	113.748 895 27	−55.085 927 24		2.24	−8.58	−0.42	0.81	0.80	0.88	1.06	0.88	−7	+18	+13	+5	+1	+14	−2	−24	+7	−24	1	3.16
36886		07 34 59.92	+01 35 37.9	9.42		H	113.749 677 31	+01.593 871 36		8.64	14.22	−12.72	1.36	0.74	1.53	1.38	0.81	−7	+50	−11	−35	−7	−35	−8	−25	+5	−3	0	0.51
36887		07 35 01.48	+23 55 53.4	7.97		G	113.756 182 31	+23.931 490 38		8.68	−7.11	21.50	0.95	0.51	1.07	1.05	0.56	−42	+49	−31	−1	−1	−26	+0	−20	−5	+6	0	0.22
36888		07 35 02.99	+06 11 39.8	7.78	2	H	113.762 461 24	+06.194 395 24		−0.06	4.66	−13.92	0.96	0.57	1.03	0.92	0.50	−11	+39	−20	−37	−13	−24	−8	−42	+17	−13	2	2.39
36889		07 35 03.11	+05 17 48.6	7.21		H	113.762 963 22	+05.296 843 86		2.92	−4.95	−8.63	0.95	0.51	0.95	0.89	0.45	−5	+43	−22	−46	−7	−28	−4	−50	+18	−15	0	3.29
36890		07 35 03.47	−28 29 53.1	7.82		H	113.764 457 25	−28.498 069 86	+	13.82	−63.74	−14.05	2.17	2.19	0.92	0.93	1.07	+51	+15	+25	+34	+27	+31	+45	+27	−1	−10	0	1.01
36891		07 35 04.80	−63 02 22.9	8.76		H	113.769 983 47	−63.039 680 98		3.81	−20.17	31.78	0.83	0.74	0.81	1.13	0.78	+6	+14	+24	+8	−16	−6	−18	−28	+0	−16	0	−1.16
36892		07 35 06.67	−26 07 10.1	7.95		H	113.777 805 60	−26.119 463 18		3.60	6.05	−4.17	0.54	0.92	1.30	0.61	1.12	+33	+9	+13	+21	+13	+0	+13	−4	+1	+28	0	
36893		07 35 07.41	+48 40 50.7	6.97		H	113.780 876 97	+48.680 756 06		20.29	4.14	46.62	0.88	0.65	0.94	2.88	2.06	−26	+46	−18	−32	−8	−27	−19	+9	−6	−8	0	0.51
36894		07 35 07.76	+20 19 05.9	8.33		H	113.782 332 23	+20.318 298 10		3.53	−0.32	−13.71	1.37	0.66	1.45	1.37	0.69	−19	+59	−34	−46	−8	−30	−18	−35	−5	+19	0	1.00
36895		07 35 08.58	−55 50 06.2	8.37		H	113.785 739 64	−55.835 046 14		1.35	−22.63	18.92	0.76	0.78	0.84	1.00	0.88	−3	+13	+3	+16	−5	+18	−6	−16	+5	−9	1	2.33
36896	H	07 35 08.82	+30 57 39.3	5.34		H	113.786 737 94	+30.960 910 10	*	10.78	−25.16	5.83	1.02	0.72	1.16	1.03	0.66	−12	+39	−23	−6	−5	−19	−10	−15	−7	−1	0	−0.49
36897		07 35 09.60	−31 30 08.5	8.57		H	113.790 001 03	−31.502 354 73		13.44	−72.00	211.08	0.55	0.70	0.93	0.64	0.75	−1	−4	−9	+16	−7	+15	−6	−2	+3	−1	1	0.85
36898		07 35 11.32	+23 02 45.2	7.26		H	113.797 169 94	+23.045 892 70		14.68	44.12	−4.17	0.91	0.49	0.98	0.83	0.53	−46	+56	−28	−4	−1	−4	+5	−27	+6	−19	0	0.48
36899		07 35 11.51	+52 48 47.6	11.06		G	113.797 943 21	+52.813 231 93		17.30	12.89	−239.82	1.77	1.35	2.40	2.46	2.17	+3	+22	+14	−16	−26	−6	−30	−17	−10	−25	5	1.21
36900		07 35 11.75	+10 07 07.3	8.26		G	113.798 948 78	+10.118 689 29		0.73	0.07	−1.53	0.96	0.55	0.97	0.94	0.48	−5	+35	−27	−41	−10	−12	−8	−46	+10	+0	0	2.58

No.	Tycho Magnitudes					Colour Indices							Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag			Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3		44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
36801	8.282	0.009	7.760	0.010	*	0.496	0.001	G	0.57	0.00	H *		7.7870	0.0015	0.014	116	*	7.76	7.81		D	07341−6015	I 1	2 C A	AB	60	0.736	0.004	1.57	0.02	S
36802	9.597	0.018	7.748	0.008		1.570	0.016	T	2.44	0.04	O		7.5479	0.0054	0.071	113		7.46	7.64		U 2	07341−5051	I 1	1 S							S
36803	9.250	0.020	7.342	0.009		1.584	0.017	T	1.60	0.02	L		7.2250	0.0041	0.021	44		7.19	7.25		U 2	07342+4609	I 1	1							S
36804	8.470	0.024	7.985	0.024		0.490	0.015	G	0.56	0.02	H		8.0536	0.0015	0.011	34		8.03	8.07					1							S
36805	8.548	0.009	8.090	0.008		0.423	0.015	G	0.49	0.02	H		8.1525	0.0012	0.014	166		8.13	8.18		C			1							S
36806	9.935	0.022	8.709	0.014		1.047	0.020	T	1.02	0.02	L		8.7953	0.0015	0.016	126		8.77	8.82		C			1							
36807	6.462	0.004	6.143	0.003		0.297	0.005	G	0.34	0.01	H		6.1851	0.0008	0.007	142		6.17	6.20		C			1							S
36808	6.701	0.004	6.895	0.005		−0.170	0.009	G	−0.18	0.01	H		6.8644	0.0009	0.008	131		6.85	6.88		C			1							S
36809	7.459	0.006	6.797	0.005		0.610	0.015	G	0.67	0.02	A		6.8536	0.0008	0.009	121		6.84	6.87					1							S
36810	7.875	0.008	7.837	0.011		0.040	0.013	T	0.06	0.01	L		7.8674	0.0012	0.009	92		7.85	7.88		C			1							
36811	7.893	0.006	7.637	0.006		0.244	0.008	T	0.27	0.01	L		7.6817	0.0008	0.011	210		7.67	7.70					1							S
36812	5.806	0.003	5.828	0.004		−0.018	0.004	T	0.00	0.00	L		5.8306	0.0007	0.006	95		5.82	5.84		C	07343+0322	I 1	1							S
36813	10.412	0.029	8.773	0.013		1.371	0.025	T	1.34	0.03	L		8.7523	0.0018	0.019	118		8.72	8.79		C			1 S							
36814	10.326	0.035	8.958	0.019		1.158	0.031	T	1.12	0.03	L		9.0023	0.0024	0.020	107		8.96	9.04		C			1							
36815	10.650	0.067	10.626	0.103		0.027	0.114	T	0.04	0.09	L		10.4450	0.0043	0.035	47		10.40	10.51					1							G
36816						0.980	0.020	G	0.96	0.02	I		12.5905	0.0111	0.094	91		12.42	12.82					1							G
36817	5.584	0.004	5.100	0.005	*	0.468	0.005	T	0.54	0.01	L *		5.1662	0.0011	0.014	99	*	5.16	5.24		D	07343−2328	I 1	2 C B	AB	116	9.800	0.004	0.06	0.02	S
36818	11.270	0.071	10.441	0.051		0.608	0.020	G	0.68	0.02	H		10.6200	0.0056	0.046	118		10.51	10.69		U			1 S							G
36819	10.130	0.051	9.655	0.050		0.447	0.065	T	0.52	0.07	L		9.7463	0.0047	0.025	46		9.72	9.78					1							
36820	9.834	0.020	9.425	0.021		0.387	0.027	T	0.45	0.03	L		9.4935	0.0022	0.019	119		9.47	9.53					1							
36821	8.793	0.011	7.643	0.007		0.984	0.015	G	0.96	0.01	H		7.7054	0.0009	0.010	133		7.69	7.72		C			1							S
36822	8.330	0.010	8.046	0.011		0.270	0.014	T	0.30	0.02	L		8.0877	0.0025	0.017	80		8.07	8.12	0.12	P 1 A			1							S
36823	9.915	0.024	8.325	0.012		1.333	0.021	T	1.30	0.02	L		8.3323	0.0013	0.010	115		8.30	8.36		C			1							
36824	10.447	0.028	9.180	0.016		1.079	0.025	T	1.04	0.02	L		9.2235	0.0018	0.024	159		9.18	9.26		C			1							
36825	7.648	0.007	7.547	0.007	A						T *		7.5375	0.0010	0.010	140	*	7.52	7.56		D	07344−4204	I 1	2 C A	AB	314	1.566	0.023	3.41	0.09	S
36826	9.847	0.024	7.921	0.010		1.633	0.021	T	1.84	0.07	O		7.8297	0.0025	0.017	74		7.81	7.86		U			1							S
36827	9.263	0.017	8.252	0.012		0.900	0.015	G	0.94	0.01	I		8.3044	0.0017	0.016	77		8.29	8.34		M			1							
36828	9.633	0.015	8.389	0.009		1.080	0.015	G	1.04	0.01	H		8.4361	0.0013	0.013	187		8.41	8.46		C			1							
36829	10.166	0.027	8.227	0.011		1.609	0.023	T	1.63	0.02	L		8.1974	0.0018	0.012	99		8.18	8.21					1							
36830	7.532	0.005	7.321	0.006		0.187	0.003	G	0.21	0.00	H		7.3611	0.0008	0.009	138		7.34	7.38					1							S
36831	11.030	0.061	9.738	0.032		1.099	0.054	T	1.06	0.06	L		9.8061	0.0023	0.023	95		9.77	9.84		C			1							
36832	8.493	0.009	7.653	0.008		0.724	0.000	G	0.77	0.00	H		7.7273	0.0011	0.013	119		7.71	7.75					1 O							S
36833	7.977	0.010	7.336	0.009		0.589	0.010	T	0.66	0.01	L		7.3864	0.0010	0.010	101		7.37	7.40					1							S
36834	12.112	0.137	10.473	0.052		0.942	0.015	G	0.99	0.02	I		10.5475	0.0039	0.043	111		10.45	10.61					1 S							G
36835	7.629	0.010	7.686	0.013		−0.063	0.002	G	−0.04	0.00	H		7.6784	0.0042	0.020	59		7.65	7.72		U 2			1							S
36836	7.276	0.005	6.756	0.005		0.488	0.006	T	0.56	0.01	L		6.8134	0.0007	0.007	138		6.80	6.83			07345−1352	I 1	1							S
36837	6.631	0.002	6.640	0.003		−0.007	0.003	T	0.01	0.00	L		6.6482	0.0005	0.008	292		6.64	6.66					1							S
36838	8.972	0.015	7.871	0.010		0.950	0.014	T	0.94	0.01	L		7.9401	0.0013	0.011	81		7.92	7.96		C			1							S
36839	9.294	0.023	7.970	0.014		1.124	0.021	T	1.09	0.02	L		8.0397	0.0019	0.011	47		8.02	8.07		C			1							S
36840	10.178	0.028	8.931	0.017		1.064	0.026	T	1.03	0.02	L		9.0004	0.0021	0.017	100		8.97	9.04		C			1							
36841	7.829	0.015	6.769	0.008		0.930	0.015	G	0.92	0.01	H		6.8234	0.0012	0.008	58		6.81	6.83		C	07345+2841	I 1	1							S
36842	9.974	0.037	8.762	0.023		1.036	0.034	T	1.01	0.03	L		8.8096	0.0020	0.016	65		8.79	8.84		C			1							
36843	7.425	0.022	7.456	0.026	A						T *		7.3648	0.0014	0.010	82	*	7.35	7.38		D	07345+1218	I 1	2 C A	AB	99	1.795	0.006	0.76	0.01	S
36844	9.464	0.018	8.309	0.012		0.992	0.017	T	0.97	0.01	L		8.3821	0.0012	0.014	110		8.36	8.41					1							
36845	8.547	0.010	8.101	0.010		0.421	0.013	T	0.49	0.01	L		8.1543	0.0013	0.012	112		8.14	8.18		C			1							S
36846	9.302	0.022	8.614	0.019		0.590	0.015	G	0.66	0.01	H		8.6836	0.0022	0.018	57		8.66	8.71		C			1							
36847	7.541	0.007	7.484	0.010		0.057	0.011	T	0.07	0.01	L		7.5077	0.0015	0.012	103		7.49	7.54					1							S
36848	7.096	0.004	5.890	0.002		1.045	0.006	G	0.96	0.04	E		5.9410	0.0006	0.007	200		5.93	5.95					1							S
36849	9.581	0.025	8.948	0.022		0.500	0.015	G	0.57	0.02	H		9.0493	0.0014	0.015	79		9.02	9.07		C			1							
36850						0.034	0.002	G	0.05	0.00	R *		1.5811	0.0009	0.005	61	*	1.57	1.59		D	07346+3153	I 1	2 C C	AB	76	3.124	0.002	1.04	0.01	S
36851	7.414	0.005	7.289	0.006		0.121	0.007	T	0.14	0.01	L		7.3141	0.0011	0.012	148		7.30	7.33		C			1							S
36852	8.479	0.012	8.452	0.015		0.030	0.018	T	0.05	0.01	L		8.4544	0.0016	0.012	99		8.44	8.47		C			1							S
36853						1.498	0.012	G	2.05	0.09	I		11.5905	0.0047	0.051	95		11.51	11.67					1							G
36854	10.072	0.026	8.178	0.011	*	1.369	0.134	G	1.34	0.16	R *		8.1285	0.0016	0.015	123	*	8.11	8.15			07347−5249	H 1	2 C S C	AB	340	0.180	0.074	1.78	1.08	
36855	9.320	0.019	8.437	0.015		0.772	0.019	T	0.81	0.01	L		8.4788	0.0013	0.012	87		8.46	8.50		C			1							S
36856	6.376	0.003	6.302	0.004		0.073	0.005	T	0.08	0.01	L		6.3206	0.0005	0.006	124		6.31	6.33		C			1							S
36857	10.569	0.040	9.206	0.021		1.154	0.035	T	1.12	0.03	L		9.2440	0.0017	0.020	113		9.20	9.29					1							
36858	7.752	0.006	6.631	0.004		0.965	0.006	T	0.95	0.01	L		6.7006	0.0007	0.007	158		6.69	6.71		C			1							S
36859	9.214	0.020	7.584	0.010		1.370	0.015	G	1.34	0.02	H		7.5949	0.0021	0.011	56		7.57	7.62		C			1							S
36860	10.377	0.034	8.659	0.015		1.434	0.029	T	1.43	0.05	L		8.6653	0.0020	0.016	102		8.64	8.70					1							
36861	8.389	0.010	8.346	0.012		0.044	0.014	T	0.06	0.01	L		8.3665	0.0015	0.015	99		8.35	8.39		C			1							
36862	10.125	0.026	9.077	0.018		0.910	0.024	T	0.91	0.02	L		9.1093	0.0021	0.016	95		9.08	9.14					1							
36863	8.812	0.011	6.942	0.005		1.554	0.010	T	1.57	0.01	L		6.8874	0.0013	0.008	120		6.88	6.90					1							S
36864	9.291	0.014	8.224	0.010		0.924	0.013	T	0.92	0.01	L		8.2935	0.0015	0.016	139		8.27	8.32		C			1							S
36865	9.441	0.016	9.116	0.018		0.309	0.023	T	0.35	0.03	L		9.1725	0.0019	0.015	117		9.15	9.20		C			1							
36866	9.917	0.021	8.854	0.014		0.853	0.004	G	0.90	0.00	H		8.9280	0.0014	0.014	108		8.90	8.95					1							
36867	8.726	0.014	7.492	0.009		1.054	0.013	T	1.02	0.01	L		7.5591	0.0013	0.008	81		7.54	7.57		C			1							
36868	7.766	0.008	7.851	0.011		−0.073	0.012	T	−0.05	0.01	L		7.8588	0.0015	0.016	115		7.83	7.88		C			1							S
36869	6.830	0.005	6.579	0.005		0.233	0.008	G	0.26	0.01	H		6.6211	0.0008	0.006	69		6.61	6.63					1							S
36870	8.999	0.010	7.775	0.007		1.046	0.010	T	1.02	0.01	L		7.8264	0.0010	0.012	173		7.81	7.85					1							
36871	9.051	0.014	7.887	0.009		0.999	0.013	T	0.98	0.01	L		7.9555	0.0018	0.014	107		7.93	7.98					1							S
36872	9.385	0.017	8.262	0.011		0.967	0.016	T	0.95	0.01	L		8.3086	0.0021	0.017	100		8.29	8.34					1							
36873	8.134	0.019	7.907	0.019		0.217	0.025	T	0.24	0.03	L		7.9678	0.0028	0.012	43		7.95	7.99		C			1 G							S
36874	8.147	0.010	7.467	0.007		0.642	0.005	G	0.71	0.00	H		7.5078	0.0008	0.011	97		7.49	7.52					1							S
36875	6.784	0.005	6.798	0.005		−0.030	0.000	G	−0.01	0.00	H		6.8136	0.0007	0.007	127		6.80	6.83		C			1							S
36876	9.941	0.032	8.704	0.020		1.056	0.029	T	1.02	0.02	L		8.7538	0.0017	0.020	44		8.73	8.81		D			1							
36877	11.004	0.047	10.255	0.039		0.685	0.048	T	0.74	0.04	L		10.3073	0.0027	0.029	137		10.25	10.36					1							G
36878						0.727	0.020	G	0.77	0.02	R		11.2332	0.0044	0.042	123		11.16	11.30		C			1							G
36879	8.705	0.012	7.369	0.007		1.133	0.011	T	1.10	0.01	L		7.4234	0.0012	0.010	91		7.41	7.44		C			1							S
36880	9.244	0.019	8.773	0.020	*	0.444	0.026	T	0.51	0.03	L *		8.7659	0.0028	0.023	87	*	8.73	8.80		D	07349−0525	I 1	2 C A	BA	234	0.491	0.005	0.04	0.02	
36881	9.410	0.016	8.924	0.015		0.457	0.020	T	0.53	0.02	L		9.0152	0.0017	0.014	109		8.99	9.04		C			1							
36882	7.902	0.010	6.673	0.006		1.050	0.009	T	1.02	0.01	L		6.7321	0.0007	0.007	91		6.72	6.74					1							S
36883	9.771	0.020	7.848	0.008		1.631	0.018	T	2.05	0.05	O		7.7237	0.0033	0.027	113		7.69	7.78		U 2	07350+2415	I 1	1							
36884	8.331	0.011	6.935	0.006		1.180	0.010	T	1.14	0.01	L		6.9889	0.0009	0.009	90		6.97	7.01		C			1							S
36885	8.977	0.014	8.995	0.019		−0.012	0.022	T	0.01	0.02	L		9.0081	0.0024	0.017	93		8.98	9.04					1 S							
36886	10.264	0.037	9.517	0.030		0.683	0.038	T	0.74	0.03	L		9.5592	0.0019	0.013	78		9.53	9.58					1							
36887	8.499	0.009	8.011	0.009		0.485	0.015	G	0.56	0.02	H		8.0708	0.0011	0.010	119		8.06	8.09		C			1							S
36888	9.859	0.021	8.022	0.010		1.560	0.019	T	2.63	0.05	O		7.7719	0.0153	0.087	97		7.67	7.92	473.00	P 1 A			1 S							S
36889	7.158	0.007	7.204	0.010		−0.037	0.011	T	−0.01	0.01	L		7.2035	0.0009	0.007	88		7.19	7.22		C			1							S
36890	8.320	0.009	7.883	0.008		0.426	0.010	T	0.49	0.01	L		7.9149	0.0014	0.017	176		7.89	7.94					1 O							S
36891	8.968	0.013	8.783	0.015		0.170	0.019	T	0.19	0.02	L		8.8194	0.0018	0.016	102		8.79	8.85		C			1							
36892	9.169	0.008	8.067	0.006		0.951	0.008	T	0.94	0.01	L		8.1143	0.0010	0.014	286		8.09	8.14			07351−2607	I 1	1 X S							
36893	7.378	0.005	7.004	0.004		0.354	0.006	T	0.42	0.01	L		7.0497	0.0008	0.009	176		7.03	7.06		C			1 G							S
36894	10.336	0.037	8.507	0.015		1.522	0.032	T	1.56	0.05	L		8.4597	0.0014	0.013	78		8.43	8.48		C			1 S							
36895	10.387	0.033	8.554	0.013		1.525	0.028	T	1.56	0.04	L		8.4885	0.0022	0.017	101		8.46	8.52					1 S							
36896	6.637	0.005	5.454	0.004	*	1.010	0.000	G	0.99	0.00	H *		5.5097	0.0006	0.005	52	*	5.50	5.52		D	07351+3057	I 1	2 C S A	AB	150	0.198	0.004	0.41	0.08	S
36897	9.746	0.016	8.664	0.011		0.923	0.015	G	0.97	0.02	I		8.7138	0.0020	0.020	156		8.68	8.74					1							
36898	8.245	0.009	7.352	0.006		0.795	0.008	T	0.83	0.01	L		7.4080	0.0013	0.011	127		7.39	7.42					1							S
36899						1.110	0.020	G	1.19	0.03	I		11.2142	0.0038	0.037	105		11.15	11.29		C			1							G
36900	8.164	0.009	8.226	0.012		−0.065	0.002	G	−0.04	0.00	H		8.2397	0.0012	0.011	87		8.22	8.26		C			1							

Number HIP		Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag			Position: epoch J1991.25 α (ICRS) deg	δ deg		Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ	Standard Errors α* mas	δ	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ	Astrometric Correlations (%) δ α*	π α*	π δ	$\mu_{\alpha*}$ α*	$\mu_{\alpha*}$ δ	$\mu_{\alpha*}$ π	μ_δ α*	μ_δ δ	μ_δ π	μ_δ $\mu_{\alpha*}$	Soln F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
36901	H	07 35 12.28	−17 32 54.8	7.29		H	113.801 150 81	−17.548 543 49	A	18.04	−40.99	148.28	1.52	1.30	1.15	0.83	0.91	−35	+18	−5	−32	−4	−18	−2	−25	+4	−36	0	−0.02
36902		07 35 13.95	−18 47 57.2	10.41		G	113.808 107 36	−18.799 217 36		−0.68	−0.04	−0.67	1.08	1.12	1.74	1.10	1.31	−20	+21	−21	−28	+12	−9	+10	−15	+2	−6	3	−1.56
36903	H	07 35 14.90	+17 21 16.4	8.96		H	113.812 098 15	+17.354 563 42	A	10.78	−7.91	−20.02	2.61	1.64	2.53	2.06	1.25	−41	+54	−37	−27	+1	−30	−2	−17	+19	−32	0	0.59
36904		07 35 15.24	+35 03 34.2	8.96		H	113.813 488 25	+35.059 496 32		6.94	−8.10	−22.58	1.35	1.02	1.47	1.70	1.23	−25	+41	−30	+13	+15	+3	+21	−10	+10	+4	0	0.24
36905		07 35 16.08	−57 34 51.2	8.84		H	113.817 000 09	−57.580 900 80		0.66	−12.81	−12.38	0.72	0.76	0.84	0.79	0.87	−4	−21	+9	+4	−11	+26	−19	−7	+15	−9	0	1.08
36906		07 35 16.13	+40 30 23.0	7.68		G	113.817 208 28	+40.506 400 13		9.21	−13.52	7.33	1.10	0.78	1.07	1.38	0.94	+14	+30	−4	+30	+26	−4	+24	+21	−4	+29	0	−1.14
36907		07 35 16.72	+25 33 55.4	9.18		H	113.819 656 65	+25.565 398 23		0.03	−4.62	−1.38	1.15	0.71	1.37	1.71	0.79	−22	+16	−22	+15	+1	−39	+2	−19	−11	+13	0	−0.75
36908		07 35 16.77	−46 34 39.6	7.62		H	113.819 894 33	−46.577 679 65		3.06	−7.80	7.59	0.56	0.50	0.61	0.69	0.51	+4	+16	+16	+14	−6	+0	−6	+1	−3	−4	0	0.12
36909		07 35 17.20	+00 32 44.8	7.83		H	113.821 684 50	+00.545 787 66		3.98	−6.12	−9.58	0.92	0.53	1.06	1.08	0.58	+6	+40	−2	−18	−12	−28	−10	−24	−1	+17	0	0.59
36910		07 35 19.87	−16 24 06.6	8.67		H	113.832 797 09	−16.401 842 75		3.14	0.61	1.38	0.79	0.75	1.18	0.95	0.91	−12	+1	−16	−3	+19	−25	+19	−17	+1	+3	0	0.63
36911		07 35 20.77	+08 30 57.8	7.99		H	113.836 556 99	+08.516 067 23		1.30	−1.79	−5.44	1.13	0.66	1.04	1.14	0.59	−17	+27	−4	−52	+11	−12	+9	−60	−7	−16	0	0.04
36912		07 35 21.15	+26 36 08.3	8.17		H	113.838 135 12	+26.602 302 77		3.63	−8.27	1.98	0.97	0.76	1.19	1.07	0.66	−22	+25	−39	−4	+9	−24	−1	−22	−10	−6	0	−0.08
36913		07 35 21.63	−17 55 38.9	8.33		H	113.840 119 02	−17.927 483 40		1.85	−2.52	1.07	0.60	0.64	1.01	0.65	0.79	−14	+29	−19	−16	+8	−28	+0	+0	−9	−3	0	1.67
36914	H	07 35 21.66	−74 16 30.0	6.33		G	113.840 254 31	−74.275 007 89	A	3.40	−3.63	20.78	1.43	1.15	1.09	1.15	1.01	+7	+22	+14	−16	−14	+0	−14	−10	−5	−6	0	2.61
36915		07 35 21.99	+54 50 58.9	11.36		H	113.841 640 68	+54.849 681 36		76.31	−121.45	16.47	1.85	1.46	2.56	2.65	2.20	+11	+18	−11	−13	−32	+10	−32	−14	+0	+7	2	2.02
36916		07 35 22.39	+56 24 47.2	9.06		H	113.843 308 71	+56.413 120 37		2.14	−5.76	−10.28	0.89	0.78	1.17	1.21	1.14	−2	+14	−1	−5	−17	−6	−18	−16	+8	−17	0	0.97
36917		07 35 22.94	−28 22 09.4	4.65		G	113.845 571 80	−28.369 277 98		14.50	−66.90	−18.71	0.43	0.52	0.62	0.86	0.65	+8	+19	−3	+52	+8	+33	+3	−25	+3	−14	0	1.97
36918		07 35 23.56	−15 22 57.0	6.96		H	113.848 169 34	−15.382 511 53		1.57	−0.84	6.48	0.58	0.51	0.86	0.68	0.58	−8	+15	−11	+0	+27	−14	+30	−12	−1	+32	0	1.03
36919		07 35 23.98	+28 37 39.5	7.00		H	113.849 909 66	+28.627 645 49		9.39	−3.44	7.89	0.91	0.67	0.91	1.20	0.65	+21	+9	−27	−25	−43	+14	−31	−24	+20	+29	0	−0.38
36920		07 35 24.31	+41 27 58.0	8.93		H	113.851 286 37	+41.466 113 90		2.21	33.03	−9.11	1.82	1.10	1.90	1.79	1.38	+0	+64	+6	−8	+8	−3	−9	−25	−24	−2	0	0.18
36921		07 35 24.47	+17 22 59.5	7.88		H	113.851 970 95	+17.383 192 29		4.00	−9.58	−8.50	1.07	0.64	1.20	0.95	0.57	−40	+53	−39	−28	+0	−26	+0	−30	+15	−26	0	−0.21
36922		07 35 25.24	+07 34 47.9	6.66		H	113.855 179 97	+07.579 969 72		10.10	−25.89	−8.87	0.88	0.56	0.88	0.82	0.45	−33	+40	−23	−43	+19	−18	+20	−62	+13	−27	0	0.94
36923		07 35 25.42	−51 59 02.6	10.01		G	113.855 902 65	−51.984 062 04		2.53	−1.94	9.63	0.93	0.94	1.04	0.99	1.01	+8	+19	+21	−15	−6	−1	−6	−10	−7	−16	0	1.18
36924		07 35 26.09	−41 57 12.2	8.81		H	113.858 703 20	−41.953 375 36		2.83	−7.02	6.37	0.62	0.71	0.80	0.64	0.71	−5	+3	+21	−8	+2	+6	+0	−14	−1	−9	0	−1.11
36925	H	07 35 26.55	+19 50 17.3	9.11		H	113.860 627 64	+19.838 145 78	A	3.67	−4.07	−8.56	2.06	1.33	2.07	2.04	1.24	−19	+30	−18	−38	+12	−28	+8	−31	+1	−26	1	−0.61
36926		07 35 26.57	−37 25 13.4	8.15		H	113.860 724 66	−37.420 391 68		4.69	−7.23	−14.18	0.54	0.66	0.76	0.57	0.68	+13	−2	−4	−2	−13	+15	−15	−19	+9	+4	1	0.33
36927		07 35 26.95	−52 26 35.4	8.78		H	113.862 274 54	−52.443 164 53		39.66	−114.84	259.30	0.72	0.72	0.80	0.84	0.78	−3	+21	+12	−7	+1	+2	+2	−11	+8	−23	0	0.15
36928		07 35 27.70	−49 49 52.2	8.35		H	113.865 431 54	−49.831 178 54		3.71	−40.32	−19.09	0.61	0.65	0.70	0.74	0.76	+12	+9	+7	−1	+1	+0	−2	−21	+5	−2	0	−0.08
36929		07 35 29.61	−25 23 40.4	8.06		H	113.873 361 73	−25.394 553 66		1.52	−3.46	3.69	0.48	0.68	0.96	0.54	0.91	+3	+17	−4	+38	+3	+4	+4	−3	+0	+4	2	1.15
36930		07 35 30.84	+60 38 30.1	8.53		H	113.878 502 73	+60.641 698 42		3.26	2.48	−2.38	0.72	0.54	0.99	0.85	0.82	+21	+12	+2	+37	+21	−12	+11	−5	+15	−16	0	−0.06
36931		07 35 32.03	+02 31 38.5	8.61		H	113.883 467 30	+02.527 363 46		2.72	−4.71	10.48	1.06	0.65	1.20	1.29	0.65	−15	+31	−7	−9	+3	−9	+6	−40	−3	+1	0	−0.19
36932		07 35 32.57	−26 09 13.7	7.74		G	113.885 707 99	−26.153 799 25		2.38	−6.22	2.06	0.35	0.63	0.86	0.40	0.89	+30	+10	+10	+16	+1	+0	+9	−13	+6	+35	1	1.31
36933		07 35 33.19	+03 59 15.3	7.42		H	113.888 279 41	+03.987 592 30		2.41	−0.59	−2.38	0.81	0.49	0.89	0.86	0.44	−9	+24	−19	−28	−5	−19	−3	−44	+18	−13	0	−0.49
36934		07 35 33.59	−26 37 43.3	6.62		H	113.889 945 35	−26.628 693 83		6.85	−16.68	17.74	0.32	0.52	0.73	0.37	0.64	+29	−2	+2	+12	+3	+3	+1	−17	+3	+24	2	1.07
36935	H	07 35 33.68	+52 12 24.8	8.33		G	113.890 354 12	+52.206 895 61	A	5.74	12.12	5.08	1.48	1.33	1.66	1.65	1.57	−19	+39	−10	−20	−16	−3	−10	−46	+4	−9	0	0.23
36936		07 35 33.86	+35 57 11.0	10.31		H	113.891 096 07	+35.953 061 41		9.97	261.58	27.58	4.82	3.91	5.50	5.44	5.01	−26	+32	−17	+7	−17	+17	−9	+4	+16	−34	0	
36937		07 35 35.38	−27 19 01.0	8.36		H	113.897 422 49	−27.316 954 49		3.51	−12.99	7.23	0.48	0.73	1.01	0.56	0.82	+14	−5	+15	+26	+2	+2	−1	−6	+7	+8	0	2.02
36938		07 35 35.85	−41 28 31.6	9.18	1	H	113.899 389 57	−41.475 449 50		2.16	−4.25	4.38	0.66	0.75	0.86	0.70	0.85	−2	+10	+14	−13	+5	+10	+4	−7	−9	−14	0	1.52
36939		07 35 36.33	−13 49 24.9	8.35		H	113.901 382 30	−13.823 570 09		2.43	−1.30	0.27	0.75	0.60	1.21	0.88	0.74	−12	+14	+3	−6	+15	−11	+21	−18	−5	+30	0	1.14
36940		07 35 37.22	−36 09 46.7	7.85	1	G	113.905 094 44	−36.162 984 28		1.24	−5.61	3.73	0.45	0.54	0.65	0.52	0.60	−2	+17	−14	+12	−3	+5	−4	−23	+16	−15	0	−0.02
36941		07 35 38.07	−75 32 39.2	7.32		G	113.908 611 63	−75.544 208 70		18.53	−124.54	−9.66	0.52	0.48	0.53	0.55	0.54	+1	+14	+15	+13	−9	+1	−13	+0	−10	−18	0	0.92
36942		07 35 39.70	−52 32 01.7	4.93		H	113.915 417 45	−52.533 808 09		8.28	23.44	−11.57	0.41	0.40	0.45	0.47	0.42	+8	+14	+19	+0	−5	−4	−5	−7	+0	−14	0	0.83
36943		07 35 40.28	−70 31 25.1	7.16		H	113.917 813 14	−70.523 632 66		5.58	3.25	−5.11	0.58	0.49	0.55	0.71	0.58	+5	+7	−4	−16	−18	+14	−12	+16	+2	−10	0	−0.27
36944		07 35 41.46	−25 20 26.1	8.65	1	H	113.922 764 91	−25.340 585 17		1.90	−4.56	2.89	0.50	0.70	1.05	0.58	0.94	−3	+3	−5	+35	−3	+0	−4	+2	+5	−6	1	0.34
36945		07 35 41.53	+67 27 10.0	8.84	2	H	113.923 042 83	+67.452 790 31		3.42	4.05	−25.44	0.54	0.72	1.17	0.48	0.82	+5	+5	+5	−27	−12	+10	−17	+0	+18	+18	1	0.88
36946		07 35 44.80	−30 03 32.7	8.60		H	113.936 673 51	−30.059 074 87		2.26	−1.46	−2.73	0.53	0.68	0.90	0.61	0.69	+3	+3	−8	+9	−12	+9	−10	−20	+0	+4	0	0.38
36947		07 35 47.24	+03 38 58.3	8.06		H	113.946 850 76	+03.649 540 31		2.45	−10.04	0.78	0.91	0.56	0.99	1.00	0.51	−6	+19	−24	−36	−6	−18	−5	−45	+16	−5	0	−0.47
36948		07 35 47.50	−32 12 14.7	8.23	2	H	113.947 918 07	−32.204 082 25		28.95	−56.09	74.53	0.56	0.69	0.92	0.66	0.69	+4	−8	−20	+10	−6	+15	−8	−31	+14	−7	0	−0.02
36949		07 35 47.51	−22 52 38.9	10.19		H	113.947 945 06	−22.877 485 92		−1.88	−0.14	2.07	1.10	1.24	1.83	1.22	1.56	−16	+15	−21	−24	+4	−31	−4	−11	−5	−27	1	−0.25
36950		07 35 47.68	−08 20 48.7	8.07		H	113.948 677 57	−08.346 865 52		3.51	−18.89	1.80	0.85	0.59	1.01	1.15	0.79	+24	+21	+4	−12	+3	−12	+2	−23	−9	+31	0	1.18
36951		07 35 47.82	−20 02 54.2	11.21		G	113.949 242 70	−20.048 384 48		12.88	58.05	−125.35	1.54	1.55	2.25	1.66	1.79	−32	+18	−8	−26	+19	−10	+18	−23	−3	−15	1	2.35
36952		07 35 48.39	+32 53 31.0	10.59		G	113.951 613 42	+32.891 937 76		12.87	−26.63	−183.46	1.92	1.48	2.11	2.33	1.79	−21	+34	−26	+9	−19	+12	−20	+7	−13	−13	0	−0.83
36953		07 35 50.29	+38 05 58.8	9.09		H	113.959 545 84	+38.099 654 41		5.24	−15.10	−43.78	1.30	1.00	1.38	1.64	1.25	+0	+14	−18	+18	−14	+16	−9	+20	+19	+10	0	1.04
36954		07 35 50.49	+73 16 30.5	8.51		H	113.960 368 67	+73.275 136 07		25.63	119.85	334.34	0.55	0.58	0.91	0.64	0.76	+12	+10	−4	+20	+1	−3	+4	+2	+2	+31	0	0.34
36955		07 35 50.62	−33 23 33.2	7.23		H	113.960 922 39	−33.392 544 66		0.70	−5.05	3.74	0.46	0.49	0.63	0.49	0.49	−3	−4	−7	+13	−13	+6	−14	−9	+5	−11	2	−0.17
36956		07 35 51.68	+75 06 27.4	9.28		H	113.965 339 31	+75.107 599 62		−0.21	−1.49	−1.95	0.78	0.73	1.21	0.92	0.92	+2	+22	−11	+26	−11	+18	−5	−6	+12	+14	0	1.01
36957		07 35 52.86	−47 09 20.4	7.09		H	113.970 232 86	−47.155 677 85		3.40	3.44	3.37	0.51	0.48	0.60	0.60	0.55	−0	+12	−2	−12	−8	+2	−10	−1	−10	+9	0	−0.53
36958		07 35 52.87	+56 07 51.0	10.82		G	113.970 285 22	+56.130 839 72		18.86	−32.09	−255.37	2.50	2.09	3.28	3.44	3.00	+0	+11	−3	−19	−20	+2	−22	−20	−15	−13	0	
36959		07 35 53.63	−37 04 40.4	8.04		H	113.973 450 95	−37.077 892 58		2.38	−4.74	5.16	0.51	0.60	0.73	0.57	0.65	+9	−10	−11	−2	−7	+18	−10	−24	+20	−5	0	−0.35
36960		07 35 54.16	+59 31 44.8	8.26		H	113.975 657 40	+59.529 101 22		2.69	3.93	−19.19	0.70	0.55	1.02	0.89	0.85	+12	+5	−12	+27	+17	−16	+8	−9	+11	−18	0	−0.57
36961	H	07 35 54.37	−23 32 55.3	6.78		H	113.976 537 64	−23.548 701 68	*	2.71	3.29	−3.05	1.41	1.13	0.96	0.78	0.82	−10	+6	−3	−9	−2	−2	−2	−10	+10	−10	3	−0.11
36962		07 35 55.37	+26 53 45.6	4.06	2	G	113.980 717 83	+26.896 003 43		13.57	−39.58	−108.08	0.94	0.73	0.87	1.25	1.05	−16	+42	−21	−52	+22	−38	+15	−58	+4	−21	0	2.12
36963		07 35 55.56	−37 26 44.7	7.25		G	113.981 515 22	−37.445 757 75		4.04	−8.41	7.13	0.43	0.53	0.60	0.44	0.54	+10	−4	−1	−3	−14	+8	−16	−15	+6	−3	0	0.29
*36964		07 35 56.06	−32 50 27.9	8.94		G	113.983 596 51	−32.841 091 52		19.22	146.06	−135.31	0.75	0.81	1.03	0.91	0.80	+8	−5	+4	+21	−9	+18	−11	−34	−3	+2	1	−1.66
*36965	H	07 35 56.00	+43 01 51.9	6.37	2	G	113.983 327 47	+43.031 087 33	A	8.29	−26.13	−52.69	1.32	1.10	1.40	1.85	1.35	+24	+10	−27	−2	−19	+34	−8	−17	+32	+58	0	0.66
*36966		07 35 56.96	−18 50 47.1	7.70	1	G	113.987 347 44	−18.846 416 04		3.96	−16.10	10.86	0.53	0.56	0.88	0.58	0.66	−11	+21	−23	−21	−3	−8	−5	−9	+7	+1	1	−1.00
*36967		07 35 56.96	−14 42 39.0	7.94		H	113.987 346 76	−14.710 839 99		1.76	−6.24	0.55	0.70	0.62	1.00	0.85	0.71	−15	+13	−12	+0	+31	−12	+33	−16	+0	+18	0	1.24
36968		07 35 57.21	+58 54 21.9	10.93	2	H	113.988 375 63	+58.906 091 72		8.61	−53.24	−84.36	1.32	1.07	2.15	1.59	1.74	+16	+14	+6	+20	+24	−1	+13	−23	−1	−25	4	−0.40
36969		07 35 57.80	−03 22 05.9	7.87	2	G	113.990 823 92	−03.368 303 03		1.98	−2.98	0.93	0.96	0.50	1.03	1.02	0.53	+38	+42	−1	−26	−22	−13	−13	−42	+16	+38	0	−0.41
36970		07 35 59.27	+09 30 10.8	9.52		H	113.996 949 24	+09.502 993 53		3.25	−0.72	−2.63	1.41	0.92	1.50	1.39	0.81	−18	+33	−26	−24	+3	−1	+5	−49	+14	−24	0	−0.66
36971		07 35 59.62	−34 25 27.8	9.16	2	H	113.998 420 41	−34.424 389 90		1.54	−4.48	5.74	0.67	0.78	1.00	0.69	0.73	+4	+28	−3	−17	−14	−21	−15	−36	+2	−8	1	1.16
36972		07 35 59.75	−25 30 42.7	8.80		G	113.998 966 12	−25.511 871 20		1.12	−4.35	4.41	0.49	0.74	1.05	0.56	1.00	+0	−1	−2	+38	−2	−3	−2	+2	+7	+1	1	0.18
*36973		07 35 59.89	−09 18 45.1	7.73		H	113.999 562 45	−09.312 524 55		3.02	−5.29	−8.80	0.76	0.58	0.95	0.83	0.64	+8	−5	−21	−18	+6	−28	+1	−28	−10	+8	2	−0.80
*36974	H	07 35 59.80	+34 19 41.2	8.91		G	113.999 158 28	+34.328 116 38	A	3.28	−13.78	−13.84	3.25	2.27	3.10	3.42	2.30	−16	+44	−14	−11	+0	+7	−1	−26	+9	+13	0	0.58
36975		07 36 00.20	+48 59 50.0	8.47		H	114.000 818 86	+48.997 225 38		9.17	−22.78	−25.85	0.91	0.68	1.18	1.13	0.96	−20	+22	−27	−28	−30	+12	−27	−31	+19	−5	0	0.64
36976		07 36 01.59	−03 09 07.4	7.16		H	114.006 638 56	−03.152 043 14		28.17	−278.56	112.57	0.78	0.43	0.88	0.88	0.46	+28	+36	−5	−8	−1	−14	+3	−33	+18	+27	0	1.08
36977		07 36 01.62	−55 53 15.8	6.39		H	114.006 746 00	−55.887 733 25		5.42	−14.56	10.37	0.49	0.53	0.55	0.63	0.61	−3	+15	−3	+9	−3	+18	−4	−31	+9	−12	0	0.20
36978		07 36 02.19	+76 50 00.1	7.72	2	H	114.009 118 27	+76.833 360 04		0.79	−7.97	31.50	0.54	0.58	0.81	0.60	0.79	+15	+24	−7	+2	−5	+10	+0	−9	+15	+34	0	−0.56
36979	H	07 36 02.58	−22 17 37.0	7.76		G	114.010 764 22	−22.293 623 98	A	3.63	−4.45	−1.83	1.05	0.95	1.32	1.14	1.04	−15	+18	+4	−22	+5	−27	+8	−18	+9	−23	2	0.10
36980		07 36 03.47	−57 17 45.7	6.64		H	114.014 444 50	−57.296 031 31		7.21	29.74	64.13	0.49	0.50	0.53	0.55	0.55	−4	−7	+10	+21	−19	+13	−22	+2	+11	−7	0	0.64
36981		07 36 03.90	−14 29 34.0	5.66	2	H	114.016 239 79	−14.492 773 22		1.97	−6.29	0.88	0.57	0.45	0.83	0.67	0.54	−4	+13	−6	+4	+30	−12	+34	−7	−2	+42	0	0.89
36982		07 36 04.19	−77 38 02.9	6.72	2	H	114.017 453 87	−77.634 148 08		2.84	3.24	16.23	0.50	0.45	0.51	0.59	0.52	−1	+14	+7	+10	−4	+2	−5	−9	+10	−14	0	1.44
36983		07 36 04.46	+66 28 13.1	7.23	2	H	114.018 568 07	+66.470 295 17		2.79	−13.49	3.92	0.66	0.58	0.94	0.73	0.84	+18	+18	−1	−9	+1	+10	+11	−16	+31	+46	0	−1.56
36984		07 36 06.68	−05 46 48.9	8.37		H	114.027 851 79	−05.780 238 10	A	2.02	−20.17	−0.98	1.61	1.08	1.59	1.92	1.14	+12	+16	−3	−38	−15	−15	−15	−40	−5	+30	1	1.29
36985		07 36 07.06	−03 06 36.6	9.87		G	114.029 401 64	−03.110 163 46		69.85	36.32	−253.45	1.30	0.74	1.53	1.57	0.84	+20	+31	−7	−11	+3	−14	+6	−32	+19	+18	0	1.46
36986		07 36 07.42	−22 09 37.7	6.40		H	114.030 921 00	−22.160 477 11		4.72	−15.80	−11.47	0.55	0.51	0.78	0.72	0.61	−7	+10	−22	−15	+2	−15	+1	−23	+19	−11	0	0.00
36987		07 36 08.39	−27 30 13.9	7.08		H	114.034 966 31	−27.503 854 74		1.99	−3.80	3.86	0.40	0.57	0.79	0.49	0.65	+10	+3	+7	+17	+4	+7	+2	−9	+9	+3	0	2.00
36988		07 36 10.92	−53 51 28.1	8.91		H	114.045 495 82	−53.857 804 30		2.87	−4.86	18.92	0.81	0.83	0.90	0.96	0.93	−4	+3	+14	−2	+6	−16	+3	−24	+1	−26	0	−1.49
36989		07 36 11.79	−00 08 14.9	9.10		G	114.049 118 40	−00.137 458 53		2.35	−20.92	−84.04	1.10	0.73	1.23	1.21	0.73	+7	+21	+12	−15	−17	−15	−15	−27	+0	−2	0	−0.37
36990		07 36 12.34	−21 55 00.5	7.97		H	114.051 410 02	−21.916 794 38		5.65	−3.15	25.87	1.04	0.71	1.08	1.25	1.03	−30	+22	−12	−28	+22	−24	+14	−28	+3	−23	1	−0.26
36991		07 36 13.17	−59 36 55.7	8.77		H	114.054 872 01	−59.615 472 95		9.65	−8.81	25.79	0.70	0.66	0.73	0.82	0.79	−3	+5	+20	+21	−7	−13	−9	+2	+9	−27	0	0.52
36992		07 36 13.78	−44 57 27.3	6.90	2	H	114.057 416 37	−44.957 582 67		8.98	30.00	−17.77	0.48	0.45	0.55	0.53	0.48	+1	+10	−1	+11	−9	+13	−10	−4	+1	−12	0	0.17
36993		07 36 14.07	+32 50 10.8	8.00		G	114.058 613 90	+32.836 328 85		19.26	−38.19	−106.61	1.05	0.81	1.17	1.20	0.96	−15	+32	−25	+1	−6	+3	−3	−6	+7	−16	0	−0.34
36994		07 36 14.38	−28 24 18.9	9.12		H	114.059 924 27	−28.405 237 40		1.14	−2.34	3.20	0.57	0.73	0.98	0.68	0.86	−1	+4	+11	+14	+4	+13	+2	+1	+16	−4	0	0.96
36995		07 36 14.88	−23 50 18.2	7.62		H	114.061 981 43	−23.838 382 60	A	3.69	−5.09	4.87	1.92	1.72	2.19	2.13	2.00	+9	+37	−9	+6	+11	+25	+24	−9	+30	+27	5	0.22
36996		07 36 15.05	−12 10 31.0	9.17		G	114.062 699 63	−12.175 285 60		4.77	−12.53	−4.26	0.94	0.71	1.30	1.11	0.83	−18	+12	−11	−8	+26	−20	+25	−13	+0	−8	1	1.13
36997		07 36 15.20	−10 16 04.2	8.35		G	114.063 325 13	−10.267 842 37		0.20	−2.05	0.28	0.62	0.53	1.05	0.76	0.57	−20	+11	−30	+22	+38	−40	+35	−11	+9	−8	0	−1.60
36998		07 36 15.47	−23 50 36.8	10.10		H	114.064 449 65	−23.843 561 72	B	10.64	21.98	17.68	51.42	45.75	15.56	13.81	14.25	+12	+37	−1	+6	+10	+22	+21	−3	+32	+23	5	0.22
36999		07 36 16.15	+56 22 52.3	8.23		H	114.067 275 63	+56.381 184 92		5.32	−4.86	−33.76	0.72	0.64	0.94	1.00	0.89	−10	+4	−6	+8	−16	−6	−19	−17	+2	−23	0	−1.93
37000		07 36 16.67	−08 18 40.7	6.27	1	G	114.069 455 03	−08.311 310 07		5.26	46.40	3.17	0.72	0.48	0.82	0.92	0.55	+17	+18	−2	−3	+10	−5	+10	−30	−7	+33	2	−0.21

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
36901	8.008	0.007	7.358	0.006	*	0.595	0.007	T	0.67	0.01	L *	7.4148	0.0009	0.008	141	*	7.40	7.43		C	07352−1733	H 1	2 C C	AB	289	0.378	0.057	3.93	0.23	S
36902	11.095	0.050	10.580	0.052		0.630	0.010	G	0.70	0.01	H	10.5413	0.0038	0.036	139		10.49	10.62					1							
36903	9.688	0.025	9.045	0.022	*	0.597	0.029	T	0.67	0.03	L *	9.0875	0.0024	0.016	77	*	9.05	9.12		D	07352+1721	I 1	2 C A	AB	212	0.453	0.005	1.26	0.02	
36904	9.627	0.026	9.022	0.024		0.564	0.031	T	0.64	0.03	L	9.0821	0.0032	0.014	48		9.06	9.10		C			1							
36905	10.483	0.032	8.988	0.016		1.258	0.028	T	1.22	0.03	L	9.0018	0.0020	0.017	96		8.97	9.03					1							
36906	8.455	0.012	7.712	0.014		0.662	0.015	G	0.72	0.01	H	7.8006	0.0022	0.012	49		7.79	7.83		C			1							S
36907	10.492	0.050	9.279	0.028		1.037	0.045	T	1.01	0.04	L	9.3455	0.0022	0.018	92		9.32	9.38					1							
36908	7.691	0.007	7.630	0.008		0.055	0.009	T	0.07	0.01	L	7.6481	0.0013	0.011	113		7.63	7.67		C			1							S
36909	9.008	0.015	7.926	0.010		0.936	0.014	T	0.93	0.01	L	7.9896	0.0012	0.010	87		7.98	8.01		C			1							S
36910	10.208	0.023	8.795	0.013		1.194	0.021	T	1.15	0.02	L	8.8355	0.0021	0.018	102		8.80	8.87		C			1							
36911	9.488	0.019	8.114	0.011		1.163	0.017	T	1.12	0.01	L	8.1604	0.0019	0.015	82		8.13	8.18					1							S
36912	9.512	0.029	8.298	0.019		1.038	0.027	T	1.01	0.02	L	8.3346	0.0019	0.012	52		8.32	8.36					1							
36913	9.921	0.023	8.459	0.012		1.232	0.020	T	1.19	0.02	L	8.4886	0.0014	0.017	160		8.46	8.52		C			1							
36914	6.190	0.008	6.241	0.008	*	0.016	0.015	G	0.04	0.01	H *	6.3253	0.0008	0.006	118	*	6.31	6.34		D	07354−7417	I 1	2 C A	AB	125	1.902	0.002	0.02	0.01	S
36915						1.591	0.082	G	2.58	0.19	I	11.3608	0.0067	0.046	105		11.27	11.44					1							G
36916	9.144	0.013	9.049	0.016		0.093	0.019	T	0.11	0.02	L	9.0968	0.0018	0.021	106		9.06	9.13		C			1							
36917	4.508	0.002	4.628	0.002		−0.111	0.002	G	−0.12	0.02	A	4.6109	0.0004	0.005	165		4.60	4.62		C	07354−2823	I 1	1 G							S
36918	8.956	0.010	7.109	0.005		1.536	0.009	T	1.59	0.02	L	7.0817	0.0011	0.011	128		7.06	7.10		C			1							S
36919	7.235	0.010	7.024	0.008		0.202	0.012	T	0.22	0.01	L	7.0608	0.0009	0.007	54		7.05	7.07		C			1							S
36920	10.339	0.063	9.096	0.035		1.061	0.056	T	1.03	0.05	L	9.0916	0.0028	0.014	31		9.06	9.12					1							
36921	9.187	0.017	8.009	0.011		1.010	0.016	T	0.99	0.01	L	8.0506	0.0010	0.008	80		8.04	8.06					1							S
36922	6.716	0.005	6.657	0.006		0.046	0.015	G	0.06	0.01	H	6.6806	0.0006	0.006	83		6.67	6.69		C			1							S
36923	10.205	0.025	10.065	0.032		0.130	0.020	G	0.14	0.02	H	10.0739	0.0025	0.027	142		10.03	10.12					1							G
36924	8.955	0.011	8.805	0.013		0.122	0.015	G	0.14	0.01	H	8.8512	0.0017	0.015	134		8.82	8.88					1							
36925	9.377	0.018	9.172	0.021	A	0.000	0.495	G	0.26	0.07	L *	9.1814	0.0027	0.022	78	−	9.12	9.21		D	07354+1950	I 1	3 C C							G
36926	9.293	0.015	8.246	0.010		0.909	0.014	T	0.91	0.01	L	8.3090	0.0012	0.012	127		8.29	8.33		C			1							
36927	10.140	0.028	8.926	0.017		1.049	0.002	G	1.10	0.00	I	8.9450	0.0022	0.021	126		8.91	8.98					1							
36928	9.870	0.021	8.473	0.012		1.181	0.019	T	1.14	0.02	L	8.5178	0.0015	0.015	124		8.49	8.54		C			1							
36929	8.423	0.007	8.092	0.007		0.310	0.015	G	0.36	0.02	H	8.1412	0.0011	0.013	198		8.12	8.17					1							
36930	10.090	0.023	8.666	0.012		1.202	0.020	T	1.16	0.02	L	8.6922	0.0013	0.014	140		8.67	8.72		C			1							
36931	10.300	0.037	8.752	0.017		1.300	0.032	T	1.26	0.03	L	8.7723	0.0018	0.013	80		8.76	8.80		C			1							
36932	7.661	0.004	7.733	0.005		−0.078	0.001	G	−0.06	0.00	H	7.7094	0.0022	0.026	293		7.67	7.75		R			1 G							S
36933	7.274	0.005	7.391	0.008		−0.101	0.008	T	−0.08	0.01	L	7.3875	0.0010	0.009	99		7.38	7.40		C			1							S
36934	6.738	0.003	6.629	0.004		0.098	0.005	T	0.11	0.01	L	6.6599	0.0008	0.011	237		6.64	6.68					1							S
36935	8.773	0.015	8.381	0.016	*	0.391	0.015	G	0.46	0.02	H *	8.4232	0.0015	0.015	93	*	8.40	8.45		D	07356+5212	M 1	2 C D	AB	142	0.834	0.020	2.91	0.08	S D
36936	11.069	0.081	10.493	0.078		0.660	0.040	G	0.72	0.03	R	10.4461	0.0045	0.025	40		10.41	10.54					1 X							G
36937	8.332	0.007	8.365	0.009		−0.040	0.015	G	−0.02	0.01	H	8.3602	0.0013	0.016	191		8.34	8.39		C			1							
36938	9.342	0.015	9.167	0.017		0.000	0.020	G	0.02	0.02	H	9.1901	0.0026	0.027	129		9.14	9.23		U			1							
36939	9.810	0.019	8.464	0.011		1.141	0.017	T	1.10	0.02	L	8.5147	0.0018	0.015	134		8.49	8.55					1 S							
36940	7.678	0.007	7.846	0.009		−0.130	0.015	G	−0.12	0.02	H	7.8050	0.0024	0.019	142		7.77	7.83		U 2			1							S
36941	7.932	0.008	7.369	0.006		0.539	0.004	G	0.61	0.00	H	7.4376	0.0009	0.008	108		7.42	7.45					1							S
36942	6.758	0.004	5.088	0.002		1.373	0.064	G	1.39	0.02	A	5.0749	0.0007	0.007	125		5.06	5.09					1							S
36943	8.339	0.010	7.252	0.007		0.940	0.009	T	0.93	0.01	L	7.3182	0.0010	0.010	113		7.30	7.34		C			1							S
36944	8.489	0.008	8.611	0.011		−0.105	0.012	T	−0.09	0.01	L	8.6201	0.0016	0.019	195		8.59	8.66		U			1							
36945	10.634	0.029	9.088	0.013		1.320	0.026	T	3.35	0.05	O	8.6203	0.0083	0.098	237		8.52	8.80		U 2 C			1							P
36946	8.631	0.008	8.603	0.010		0.026	0.011	T	0.04	0.01	L	8.6169	0.0015	0.018	165		8.59	8.65					1							
36947	8.107	0.008	8.066	0.010		0.043	0.012	T	0.06	0.01	L	8.0840	0.0013	0.012	100		8.07	8.10		C			1							S
36948	9.132	0.012	8.299	0.009		0.734	0.011	T	0.78	0.01	L	8.3643	0.0025	0.024	163		8.33	8.40		U 2			1							
36949	10.499	0.041	10.234	0.051		0.350	0.020	G	0.41	0.03	H	10.2773	0.0029	0.034	123		10.22	10.35		D			1							G
36950	8.363	0.011	8.087	0.011		0.263	0.015	T	0.30	0.02	L	8.1427	0.0014	0.010	85		8.13	8.16		C			1							
36951						0.925	0.003	G	0.97	0.00	I	11.3650	0.0046	0.055	119		11.26	11.44					1							G
36952						0.982	0.020	G	1.03	0.02	I	10.7088	0.0082	0.033	45		10.65	10.77					1							G
36953	9.574	0.028	9.087	0.027		0.458	0.035	T	0.53	0.04	L	9.1939	0.0034	0.017	46		9.14	9.23		C			1							
36954	9.492	0.013	8.608	0.010		0.808	0.005	G	0.85	0.01	H	8.6506	0.0013	0.015	168		8.62	8.68					1							
36955	7.037	0.005	7.197	0.007		−0.140	0.008	T	−0.13	0.01	L	7.1786	0.0012	0.013	145		7.16	7.20					1							S
36956	10.448	0.028	9.333	0.018		0.961	0.026	T	0.95	0.02	L	9.4488	0.0017	0.022	158		9.41	9.50					1							
36957	8.909	0.012	7.236	0.006		1.398	0.011	T	1.37	0.01	L	7.2295	0.0010	0.008	108		7.21	7.24					1 G							S
36958	12.140	0.150	11.083	0.093		1.120	0.020	G	1.20	0.03	I	10.9996	0.0059	0.042	103		10.94	11.08					1 X							G
36959	9.401	0.016	8.191	0.010		1.035	0.015	T	1.01	0.01	L	8.2035	0.0014	0.012	124		8.18	8.23					1							
36960	10.361	0.023	8.445	0.009		1.591	0.020	T	1.61	0.02	L	8.3773	0.0013	0.020	178		8.34	8.41					1							
36961	8.272	0.013	6.905	0.007	*	1.158	0.012	T	1.12	0.01	L *	6.9426	0.0012	0.011	100	*	6.93	6.96			07359−2333	H 1	2 C A	AB	219	0.215	0.022	2.36	0.35	
36962	6.087	0.006	4.246	0.004		1.540	0.013	G	1.66	0.01	G	4.1682	0.0023	0.013	41		4.15	4.23		U 2	07359+2654	I 1	1 G							S
36963	7.166	0.005	7.226	0.007		−0.071	0.006	G	−0.05	0.01	H	7.2379	0.0009	0.010	128		7.22	7.25					1							S
36964	9.924	0.024	9.022	0.018		0.766	0.015	G	0.81	0.01	H	9.0794	0.0021	0.026	146		9.03	9.12					1							
36965	6.904	0.017	6.538	0.017	A	0.364	0.009	G	0.43	0.01	H *	6.6649	0.0081	0.033	47	*	6.42	6.52	0.35	P 1 A	07359+4302	I 1	2 C A	AB	88	2.143	0.007	1.68	0.04	S
36966	8.119	0.008	7.734	0.008		0.378	0.015	G	0.44	0.02	H	7.7907	0.0018	0.019	146		7.76	7.82		U			1							S
36967	7.873	0.010	7.937	0.014		−0.037	0.018	G	−0.01	0.02	H	7.9371	0.0016	0.013	128		7.92	7.97		C			1							S
36968	11.751	0.094	11.000	0.075		0.686	0.095	T	0.74	0.08	L	11.0703	0.0035	0.038	166		10.95	11.12		U			1							G
36969	7.677	0.008	7.819	0.011		−0.127	0.003	G	−0.12	0.00	H	7.8316	0.0026	0.036	128		7.70	7.85		U 2			1							S
36970	10.663	0.049	9.586	0.031		0.932	0.044	T	0.93	0.03	L	9.6792	0.0034	0.028	83		9.65	9.74					1							
36971	9.102	0.014	9.143	0.019		−0.060	0.001	G	−0.04	0.00	H	9.1512	0.0063	0.046	125		9.10	9.23	1.96	P 1 A			1							
36972	8.569	0.009	8.718	0.013		−0.128	0.015	G	−0.12	0.02	H	8.7464	0.0014	0.016	196		8.72	8.77					1							
36973	8.985	0.015	7.816	0.010		1.003	0.014	T	0.98	0.01	L	7.8923	0.0015	0.014	90		7.87	7.92		C			1							S
36974	9.576	0.026	9.252	0.028	A	0.296	0.015	G	0.34	0.02	H *	8.9937	0.0029	0.017	44	*	8.96	9.02		D	07360+3420	I 1	2 C A	AB	111	3.193	0.013	0.81	0.03	
36975	9.328	0.013	8.543	0.011		0.713	0.013	T	0.77	0.01	L	8.6141	0.0018	0.017	172		8.58	8.65		C			1							S
36976	7.837	0.007	7.219	0.005		0.564	0.001	G	0.64	0.00	H	7.2821	0.0007	0.010	129		7.26	7.31					1							S
36977	7.921	0.010	6.526	0.004		1.182	0.002	G	1.15	0.04	E	6.5593	0.0007	0.008	104		6.55	6.57					1							S
36978	9.921	0.018	7.924	0.008		1.655	0.016	T	1.68	0.02	L	7.8326	0.0023	0.024	156		7.80	7.87		U 2			1							
36979	7.667	0.007	7.654	0.008	A	−0.150	0.015	G	−0.15	0.02	H *	7.6282	0.0014	0.014	119	*	7.60	7.65		D	07360−2218	I 1	2 C A	AB	144	5.016	0.031	3.32	0.11	S
36980	8.212	0.009	6.786	0.005		1.204	0.008	T	1.16	0.01	L	6.8098	0.0008	0.009	102		6.80	6.83		C			1							S
36981	5.570	0.004	5.649	0.005		−0.067	0.006	T	−0.10	0.03	C	5.6288	0.0021	0.027	129		5.60	5.68		U 2	07361−1429	I 1	1							S P
36982	8.956	0.011	6.915	0.005		1.728	0.010	T	2.08	0.03	O	6.7935	0.0021	0.021	119		6.75	6.83		U 2			1							S
36983	9.305	0.015	7.469	0.007		1.559	0.014	T	2.57	0.03	O	7.2336	0.0036	0.039	107		7.17	7.31		U 2			1 S							S P
36984	9.597	0.020	8.460	0.014	A	0.978	0.019	T	0.96	0.01	L	8.5318	0.0081	0.021	109	A	8.50	8.59		D	07361−0547	H 1	2 C A	AB	132	12.402	0.021	2.47	0.08	
36985	11.774	0.104	10.024	0.033		1.455	0.007	G	1.83	0.03	I	9.9335	0.0027	0.026	125		9.88	9.98					1							G
36986	7.632	0.007	6.504	0.004		0.968	0.004	G	0.92	0.04	E	6.5597	0.0010	0.009	115		6.55	6.57		C			1							S
36987	9.019	0.010	7.209	0.005		1.507	0.009	T	1.54	0.01	L	7.2043	0.0012	0.014	188		7.18	7.23		R			1							S
36988	10.635	0.041	9.039	0.019		1.337	0.036	T	1.30	0.04	L	9.0631	0.0020	0.016	101		9.04	9.10					1							
36989	9.215	0.021	9.131	0.026		0.135	0.028	G	0.15	0.03	H	9.1339	0.0020	0.018	85		9.11	9.17		C			1							
36990	9.318	0.016	8.111	0.010		1.032	0.015	T	1.00	0.01	L	8.1411	0.0021	0.016	115		8.12	8.17					1 G							
36991	9.274	0.015	8.826	0.014		0.460	0.015	G	0.53	0.02	H	8.8772	0.0013	0.012	111		8.85	8.90					1							
36992	8.223	0.010	7.023	0.006		1.027	0.009	T	1.00	0.01	L	7.0667	0.0040	0.031	129		7.02	7.11	11.75	P 1 A			1							S P
36993	8.772	0.019	8.064	0.016		0.632	0.015	G	0.70	0.01	H	8.1330	0.0017	0.012	51		8.11	8.16		C			1							S
36994	9.062	0.020	9.119	0.027		−0.047	0.031	T	−0.03	0.03	L	9.1067	0.0022	0.023	164		9.07	9.15					1							
36995	9.483	0.028	7.709	0.013	A	1.227	0.134	G	1.47	0.07	L	7.7517	0.0206	0.028	93	A	7.71	7.79		D	07362−2350	I 2	1 C P A							
36996	9.760	0.021	9.238	0.020		0.480	0.020	G	0.55	0.02	H	9.2804	0.0018	0.021	119		9.24	9.31					1							
36997	8.185	0.007	8.302	0.010		−0.108	0.015	G	−0.09	0.02	H	8.3097	0.0010	0.010	148		8.29	8.33					1							
36998	10.119	0.039	9.990	0.051	B	0.125	0.060	T	0.14	0.06	L	9.5973	0.0933			B				D	07362−2350	I 2	1 C I A							
36999	8.357	0.009	8.245	0.011		0.109	0.013	T	0.12	0.01	L	8.2755	0.0017	0.015	107		8.25	8.31					1							S
37000	8.280	0.011	6.462	0.005		1.541	0.001	G	1.60	0.00	H	6.3861	0.0015	0.012	91		6.37	6.41		U 2			1							S

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion μα* mas/yr 12	μδ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	μα* mas/yr 17	μδ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	μα*/α* 22	μα*/δ 23	μα*/π 24	μδ/α* 25	μδ/δ 26	μδ/π 27	μδ/μα* 28	Soln F1 % 29	F2 30
37001		07 36 16.67	−17 11 31.4	8.95		G	114.069 471 24	−17.192 055 34		2.67	−4.75	0.21	0.70	0.68	1.12	0.75	0.87	−20	+17	−8	−24	+11	−20	+9	−16	−8	−10	0	0.11
*37002		07 36 17.07	−67 22 41.9	7.56		H	114.071 110 74	−67.378 317 25		2.27	−4.94	1.52	0.52	0.48	0.54	0.54	0.55	−9	+16	+8	−17	−8	−19	−3	+2	+14	−29	0	0.86
*37003		07 36 17.06	−30 39 12.1	9.03	2	H	114.071 068 85	−30.653 366 88	A	4.17	−19.09	20.81	1.51	1.79	1.96	1.33	1.41	+6	−1	−10	+10	+0	−11	−4	−20	−10	−1	2	2.20
37004		07 36 17.26	−40 31 52.3	7.48		H	114.071 900 63	−40.531 184 36		9.27	−8.01	−33.85	0.49	0.50	0.60	0.48	0.57	−7	+3	−7	−7	+3	+10	+4	−3	−9	−14	0	−0.74
37005		07 36 18.02	+37 55 52.9	8.48		H	114.075 098 21	+37.931 369 75		2.20	−9.04	−0.98	1.22	0.95	1.45	1.89	1.27	+8	+22	−31	+20	−7	+28	+8	+10	+32	+48	0	0.94
37006	H	07 36 18.12	−24 36 35.3	7.90		H	114.075 487 11	−24.609 811 04	*	3.15	−1.50	2.03	0.64	0.73	1.00	0.84	0.92	+1	+7	−10	−9	−2	−3	−2	−4	+2	−1	0	−0.82
37007		07 36 19.27	−69 03 23.7	6.88		G	114.080 272 56	−69.056 575 95		2.76	−5.03	14.68	0.49	0.45	0.51	0.59	0.56	−3	+26	+2	−6	−7	−15	−1	−2	+19	−29	4	0.29
37008		07 36 23.01	−47 14 31.7	7.89		H	114.095 879 88	−47.242 146 71		1.89	−8.27	10.35	0.56	0.52	0.62	0.59	0.54	+6	+6	+4	−14	−13	+11	−13	−10	+9	+2	0	1.55
*37009		07 36 24.63	+18 10 54.9	7.74		H	114.102 615 98	+18.181 903 56		8.02	−17.16	−23.74	0.87	0.51	0.96	0.81	0.48	−23	+50	−26	−11	−12	−14	−10	−19	+6	−14	0	−1.56
*37010	H	07 36 24.46	−85 26 08.5	8.71		H	114.101 898 77	−85.435 702 08	A	4.82	−12.82	22.21	1.12	1.05	1.10	1.25	1.28	−10	+26	+16	+5	+1	+5	−3	+9	−13	−17	1	−0.19
37011		07 36 24.99	+19 14 13.6	8.99		H	114.104 109 37	+19.237 112 39		1.69	−7.28	−3.24	1.21	0.72	1.40	1.40	0.81	−35	+50	−30	−13	+8	−29	+4	−22	−3	+3	0	−1.72
37012	H	07 36 25.26	−61 52 26.0	8.34	2	H	114.105 251 21	−61.873 877 56	A	2.26	−7.29	11.26	1.11	1.15	1.08	1.17	1.20	−13	−4	−6	+5	−2	−4	−8	−11	+23	−30	0	1.70
37013	H	07 36 26.10	−54 11 13.9	6.82		H	114.108 757 74	−54.187 196 56	*	5.34	9.86	−10.75	1.13	0.98	0.67	0.84	0.68	−35	+15	+11	−23	+17	−3	+18	−19	+8	−43	2	2.21
37014		07 36 26.85	+31 06 33.1	9.27		H	114.111 881 60	+31.109 193 12		3.90	0.89	−31.09	1.27	0.91	1.34	1.38	1.11	−14	+36	−6	+10	−24	−6	−25	+18	−6	−15	0	0.19
37015		07 36 27.45	−14 35 42.3	7.03	1	H	114.114 354 96	−14.595 087 25		1.93	−7.47	1.25	0.61	0.47	0.86	0.72	0.57	−6	+14	−6	+6	+30	−8	+35	−8	+3	+36	0	1.76
37016		07 36 28.45	+02 52 04.0	7.86		H	114.118 560 61	+02.867 784 54		2.93	−18.18	−17.31	0.87	0.57	0.94	1.13	0.55	−4	+23	−3	−5	−1	−4	+3	−42	−6	+16	2	−0.02
37017		07 36 30.21	−32 12 44.0	10.53		G	114.125 886 26	−32.212 233 52		7.62	−24.64	41.91	0.94	1.21	1.51	1.12	1.22	+7	+5	+1	+9	−9	+21	−8	−21	+10	+7	0	1.47
37018		07 36 30.79	−14 39 55.9	8.78		G	114.128 293 46	−14.665 522 99		3.45	−6.62	0.75	0.78	0.64	1.18	0.96	0.79	−14	+15	−4	+8	+26	−17	+32	−12	+1	+22	0	0.91
37019		07 36 30.94	+16 04 33.5	8.28		H	114.128 899 95	+16.075 965 14		1.27	−3.55	0.45	0.98	0.61	1.07	1.01	0.63	−31	+45	−11	−14	−2	−8	+3	−30	+10	−33	0	0.36
37020		07 36 31.02	+40 08 02.0	9.38	1	H	114.129 234 75	+40.133 886 51		7.43	−0.53	−10.24	1.52	1.10	1.56	1.95	1.38	+3	+20	−1	+11	+0	+6	+2	+7	+7	+6	0	−1.24
37021		07 36 31.21	+35 25 25.0	8.21		H	114.130 027 85	+35.423 617 89		4.94	−4.26	−5.62	1.17	0.81	1.24	1.44	0.98	+2	+36	−25	+14	+7	+14	+11	−4	−2	+22	3	2.25
*37022		07 36 31.67	+02 04 12.7	10.43		H	114.131 956 18	+02.070 190 55		−2.33	−3.44	1.83	2.16	1.33	2.37	2.22	1.25	−7	+35	+4	−28	−3	−12	−4	−43	−8	−5	0	0.42
*37023		07 36 31.66	+46 10 49.3	5.66		H	114.131 909 51	+46.180 367 83		6.29	−28.39	−32.92	0.84	0.57	0.84	0.98	0.71	+16	+38	−5	+36	+23	−25	+19	+29	−2	+15	0	0.40
*37024		07 36 31.67	+07 21 01.9	7.78		H	114.131 951 05	+07.350 535 46		4.14	−7.32	−5.70	1.02	0.65	1.02	1.01	0.53	−44	+44	−28	−41	+25	−23	+31	−63	+24	−40	0	2.18
37025		07 36 31.82	−25 19 58.1	6.85		H	114.132 599 79	−25.332 794 13		1.28	−4.60	4.74	0.41	0.54	0.76	0.46	0.66	+4	+9	+1	+41	−2	+1	−6	−10	+3	−5	0	−0.39
37026		07 36 32.30	−00 05 55.8	9.11		H	114.134 597 51	−00.098 826 54		0.30	−4.17	0.93	1.32	0.79	1.57	1.41	0.75	+5	+32	+1	−24	−16	−30	−9	−33	+14	−1	0	2.20
37027		07 36 32.59	+08 30 48.3	9.58		H	114.135 802 70	+08.513 416 67		1.79	−2.62	−0.60	1.46	0.87	1.37	1.42	0.81	+2	+25	−6	−47	−12	−13	−11	−47	+0	−15	0	0.87
37028		07 36 33.23	−58 22 38.5	8.09		H	114.138 442 35	−58.377 370 00		9.06	−10.10	24.54	0.62	0.64	0.68	0.68	0.69	+5	−16	+14	+5	−16	−8	−16	+3	+7	−1	1	1.28
37029		07 36 33.32	−39 51 43.4	8.05		H	114.138 820 82	−39.862 062 68		4.60	−11.45	27.70	0.51	0.55	0.65	0.56	0.61	−7	+17	−24	−1	−1	+1	+0	−13	+9	−9	0	0.00
37030		07 36 34.17	+65 05 46.4	7.18		H	114.142 364 17	+65.096 224 48		2.07	−3.81	2.69	0.60	0.56	0.90	0.73	0.85	+28	+28	−5	+1	−5	+14	+10	−15	+38	+50	0	−0.32
37031		07 36 34.77	+05 51 43.6	5.89		H	114.144 875 45	+05.862 104 27		22.92	−108.76	27.66	0.94	0.52	0.89	0.88	0.40	+21	+30	−25	−49	−35	−8	−28	−62	+15	+23	0	1.49
*37032		07 36 35.85	−67 36 47.4	7.98		H	114.149 365 25	−67.613 176 73		13.92	20.88	−66.65	0.63	0.55	0.63	0.64	0.61	−6	+22	+12	−20	−5	−17	+1	−4	+11	−28	0	0.81
*37033		07 36 35.72	+50 52 00.2	10.30		H	114.148 832 77	+50.866 715 43		7.44	−80.53	−139.36	1.46	1.15	1.87	1.96	1.72	−30	+29	+4	−6	−10	−21	−8	−18	+9	−33	2	1.22
37034		07 36 37.68	−44 59 14.3	7.20		G	114.157 011 45	−44.987 308 89		1.49	−5.47	10.31	0.48	0.44	0.54	0.52	0.46	+2	+7	+3	+12	−8	+12	−10	−3	+2	−10	0	0.89
37035		07 36 38.99	+29 46 52.4	8.32		G	114.162 474 51	+29.781 224 20		6.78	−21.44	−20.97	1.62	1.12	1.66	2.06	1.28	−30	+49	−40	−15	−39	−2	−45	+12	−11	+21	0	1.44
37036		07 36 41.04	−19 42 08.5	5.69	1	H	114.170 994 81	−19.702 353 25		1.92	−8.12	6.20	0.42	0.42	0.63	0.48	0.48	−10	+20	−18	−5	+8	−14	+6	−15	−1	−2	0	−1.25
37037		07 36 41.26	−14 26 37.0	6.70		G	114.171 900 34	−14.443 619 43		1.76	−6.05	1.13	0.59	0.47	0.85	0.70	0.57	−4	+11	−7	+6	+29	−15	+34	−7	−5	+41	0	2.46
37038		07 36 41.90	+09 17 04.2	8.35		H	114.174 597 11	+09.284 504 60		0.35	4.80	−13.18	1.07	0.61	1.13	1.17	0.57	+0	+36	−12	−16	−22	+11	−12	−38	+12	+6	0	1.15
37039		07 36 42.04	−34 25 16.8	10.16		G	114.175 163 23	−34.421 332 89		0.65	−1.53	2.38	0.88	1.00	1.28	0.91	1.07	−3	+30	−10	−17	−7	−11	−7	−19	+1	−6	1	−0.68
37040		07 36 42.30	−13 03 49.9	8.78	2	H	114.176 237 34	−13.063 867 42		0.99	−1.40	1.46	0.72	0.60	1.15	0.80	0.69	−42	+23	−17	−28	+35	−26	+33	−26	+3	−10	0	−1.27
37041		07 36 42.41	−10 38 16.9	8.24		H	114.176 726 38	−10.638 031 15		0.31	−3.05	0.55	0.70	0.55	1.11	0.83	0.64	−9	+15	−18	+17	+23	−27	+25	−13	+19	−2	0	−0.40
37042		07 36 43.91	−24 06 29.3	8.09		H	114.182 944 69	−24.108 142 73		0.60	−6.35	5.89	0.74	0.76	1.07	0.95	0.87	+8	+17	−11	−3	+10	+7	+11	−20	+12	+11	0	−0.83
37043		07 36 43.93	−48 49 48.6	5.69		H	114.183 023 88	−48.830 169 70		6.56	−7.55	0.87	0.46	0.42	0.50	0.53	0.46	+8	+16	−2	+1	−1	+13	−1	−3	+2	−10	1	1.04
37044		07 36 45.48	−12 51 10.1	8.46		G	114.189 484 87	−12.852 791 97		3.28	−6.90	2.03	0.67	0.53	1.03	0.82	0.62	−34	+23	−25	−17	+37	−28	+36	−22	+4	+4	0	−0.22
37045		07 36 46.00	+12 51 55.9	7.85		H	114.191 660 56	+12.865 524 37		1.53	−15.89	−14.73	0.98	0.57	1.00	0.99	0.50	−5	+13	−20	−46	−17	+0	−11	−47	+14	−7	0	0.41
37046		07 36 47.05	+55 45 18.6	5.93		H	114.196 028 20	+55.755 154 75		11.63	−10.87	−39.00	0.58	0.48	0.75	0.78	0.68	−4	+16	+7	−3	−21	−7	−23	−11	−3	−20	4	1.13
37047		07 36 47.17	−14 33 41.8	8.00		H	114.196 541 28	−14.561 604 80		1.62	−7.34	1.26	0.72	0.56	1.03	0.88	0.71	+4	+9	−3	+12	+29	−11	+35	−2	−5	+45	0	0.84
37048		07 36 47.82	+06 04 28.9	7.66		H	114.199 262 37	+06.074 695 31		2.49	−13.58	−3.48	1.01	0.55	0.93	0.97	0.44	+21	+29	−18	−55	−30	−20	−26	−60	+14	+16	0	1.13
37049		07 36 48.50	+56 51 29.8	7.61		H	114.202 078 68	+56.858 291 31		4.42	−0.42	−60.73	0.68	0.60	0.90	0.99	0.92	+2	+7	−7	−11	−21	+3	−22	−25	+12	−7	0	−0.65
*37050		07 36 49.72	−63 18 01.6	8.28		H	114.207 168 87	−63.300 457 39		3.74	−8.68	12.89	0.72	0.63	0.70	0.84	0.67	+6	+10	+15	−6	−14	−6	−15	−23	+3	−12	0	−1.05
*37051		07 36 49.70	+48 42 42.5	9.31		H	114.207 096 92	+48.711 812 07		5.28	1.44	−13.30	1.11	0.86	1.43	1.42	1.21	−36	+34	−28	−14	−12	+7	+0	−36	+26	−10	0	1.86
37052		07 36 50.79	−45 25 53.0	7.28		H	114.211 615 83	−45.431 390 93		4.29	−2.82	24.37	0.54	0.48	0.60	0.62	0.51	+1	+9	+8	+21	−8	−1	−9	+2	−6	−7	0	0.92
37053		07 36 51.91	+12 04 43.6	8.06		H	114.216 279 88	+12.078 785 09		1.34	−12.06	−4.78	0.88	0.57	0.96	0.88	0.48	−4	+9	+0	−22	−15	−10	−13	−42	+6	−19	0	2.99
37054		07 36 54.30	+20 29 14.2	8.30		H	114.226 240 31	+20.487 273 75		3.12	6.11	15.16	1.20	0.67	1.31	1.34	0.73	−23	+41	−28	−30	−11	−19	−13	−24	+5	−1	0	−0.07
37055		07 36 54.97	−45 01 41.2	7.92		G	114.229 054 80	−45.028 115 77		2.26	5.95	9.92	0.59	0.55	0.67	0.65	0.59	−1	+4	+1	+5	−6	+10	−7	−4	+1	−10	0	0.59
37056		07 36 55.29	−68 30 38.3	8.01		H	114.230 380 86	−68.510 634 91		7.68	−1.73	0.56	0.57	0.57	0.63	0.67	0.67	+1	+27	+15	−13	−6	−15	+2	−3	+20	−31	1	−0.50
37057		07 36 56.18	−38 49 17.6	8.85		G	114.234 085 14	−38.821 558 75		1.10	−6.57	3.10	0.63	0.68	0.82	0.74	0.75	−7	+5	−13	+8	−6	+21	−5	−12	+6	−18	0	−0.87
37058		07 36 57.24	−24 17 49.0	7.46		H	114.238 492 63	−24.296 954 81		9.10	−2.12	12.24	0.91	1.13	1.03	1.35	1.42	+4	+29	−16	−61	−3	−22	−3	−62	+5	+11	0	0.30
37059	H	07 36 57.80	+46 47 18.1	9.57		H	114.240 821 46	+46.788 370 06	A	−0.99	−2.96	−3.72	6.91	5.02	6.43	6.10	5.15	−37	+28	+3	−11	+18	+10	+4	−20	+6	−29	2	−0.41
37060		07 36 57.81	−40 11 31.4	7.07		G	114.240 892 25	−40.192 045 75		4.44	−3.78	−8.27	0.46	0.49	0.58	0.47	0.54	−6	+10	−22	+3	+2	+3	+3	+1	−6	−8	0	1.42
37061		07 36 58.11	+57 33 00.4	7.97		H	114.242 143 67	+57.550 102 35		36.59	72.61	−187.21	0.66	0.49	0.91	0.76	0.74	−8	+25	+5	+44	+7	+9	−2	−1	+3	−36	0	0.42
37062		07 36 59.00	−13 54 55.9	9.74		G	114.245 825 01	−13.915 539 68		2.97	3.26	−4.37	1.23	0.96	1.76	1.48	1.25	−21	+13	−15	−5	+27	−9	+31	−12	+7	+15	0	−1.29
37063		07 36 59.06	−54 04 49.9	8.06		H	114.246 078 26	−54.080 531 98		13.29	−50.16	42.23	0.65	0.61	0.68	0.79	0.70	−9	+10	+12	−7	+13	−5	+12	−18	+6	−26	0	0.88
37064		07 36 59.68	+25 44 08.5	9.60		H	114.248 646 82	+25.735 695 12		9.14	24.36	−41.65	1.38	0.79	1.50	2.02	1.20	−41	+27	−18	+16	−2	−16	+13	−21	−15	+20	2	1.79
37065		07 37 00.13	−21 23 38.5	6.69		H	114.250 550 58	−21.394 030 23		6.95	−52.32	35.99	0.59	0.51	0.79	0.86	0.60	−4	+10	−15	+12	+12	−18	+7	−12	+11	−14	0	−0.36
37066		07 37 01.23	+14 53 20.7	8.74		H	114.255 109 81	+14.889 095 22		3.32	3.28	−28.70	1.00	0.63	1.13	1.11	0.64	−23	+31	−10	−12	+2	−23	−1	−30	−2	−23	0	2.29
37067		07 37 02.73	+21 09 48.8	8.67		H	114.261 373 33	+21.163 562 63		5.66	−10.42	−16.29	1.25	0.65	1.24	1.38	0.75	−2	+40	−7	−42	−21	−13	−24	−34	−10	+11	0	0.90
37068		07 37 02.82	−52 21 57.1	7.88		G	114.261 770 49	−52.365 855 81		16.35	−30.64	5.09	0.54	0.54	0.60	0.61	0.55	+2	+12	+13	−4	−4	+6	−3	−1	+3	−13	0	−0.01
37069		07 37 03.51	−26 48 58.7	6.89		H	114.264 614 47	−26.816 315 15		9.45	3.28	−62.99	0.36	0.60	0.80	0.42	0.67	+28	+0	+7	+8	+2	+1	−1	−18	+5	+17	0	−0.02
37070	H	07 37 04.75	−27 25 18.1	7.11		H	114.269 804 20	−27.421 697 30	*	1.70	−7.55	8.33	0.63	1.00	0.87	0.61	0.73	+6	+1	+10	+21	+9	−6	+4	−16	+9	−8	2	0.19
37071		07 37 04.92	+30 00 54.6	8.80		H	114.270 511 18	+30.015 166 08		2.52	−11.53	−14.37	1.49	1.10	1.62	1.96	1.30	+4	+26	−39	−32	−35	+2	−32	−20	+19	+35	0	2.76
37072		07 37 05.46	+20 09 25.5	6.73		H	114.272 751 47	+20.157 077 07		5.58	24.74	−115.87	0.89	0.53	1.07	1.09	0.69	−28	+46	−31	−22	−2	−39	−12	−26	−2	+9	0	−0.03
37073		07 37 05.72	+63 20 24.7	7.63		G	114.273 822 86	+63.340 191 54		13.27	46.44	18.53	0.66	0.56	0.90	0.65	0.69	+21	+25	−3	+27	+29	−1	+38	+11	+22	+33	0	0.60
37074		07 37 05.73	+16 54 15.3	6.94	1	H	114.273 888 96	+16.904 255 03		2.01	−3.43	−1.41	0.84	0.53	0.94	0.78	0.50	−44	+50	−32	−12	−10	−28	−7	−15	+20	−42	2	−0.46
37075		07 37 06.58	+39 46 21.4	8.63		H	114.277 397 88	+39.772 613 36		5.60	2.21	−6.88	1.25	0.87	1.30	1.69	1.13	+7	+32	−6	+1	−4	+12	−1	−1	+4	+19	0	−1.20
37076	H	07 37 08.40	+50 36 28.5	9.08		G	114.284 980 30	+50.607 911 53	A	16.89	−8.20	−81.68	2.10	1.64	2.36	2.46	2.28	−30	+32	−12	−2	−9	−12	−5	−10	+10	−24	0	0.01
37077		07 37 09.58	+79 38 53.5	10.19	2	H	114.289 931 63	+79.648 202 01		4.26	7.57	5.54	0.93	1.06	1.29	1.06	1.31	+12	+20	+1	+1	−6	+5	−8	−27	−3	+9	4	0.89
37078		07 37 09.84	+65 19 49.6	8.38		H	114.290 983 98	+65.330 450 43		10.06	48.99	−1.81	0.78	0.73	1.19	0.91	1.13	+23	+33	−3	+15	+7	+10	+22	−1	+40	+45	0	−0.60
37079		07 37 10.76	−50 16 51.0	10.49		H	114.294 819 25	−50.280 829 65		1.40	−27.87	15.32	0.98	1.15	1.17	1.19	1.24	+5	+5	−1	−13	−8	+9	−8	−28	+8	+1	1	0.16
37080		07 37 11.98	−20 17 46.0	8.22		H	114.299 923 55	−20.296 116 88		1.90	−3.49	0.75	0.68	0.68	1.01	0.75	0.74	−20	+20	−15	−18	+21	−8	+23	−25	+9	+1	2	0.50
37081		07 37 12.52	−01 11 55.3	8.11		H	114.302 167 67	−01.198 691 15		2.94	−39.78	−17.73	1.03	0.57	1.15	1.24	0.58	+7	+31	−2	−27	−4	−11	−1	−44	+10	+12	0	1.63
37082		07 37 12.52	−65 37 47.4	9.08		H	114.302 179 65	−65.629 819 63		8.08	10.41	−89.48	0.70	0.70	0.77	0.55	0.79	−9	−7	+4	−39	−10	+11	−13	−12	+0	−30	0	0.39
37083		07 37 13.53	−13 52 31.4	10.97		H	114.306 391 34	−13.875 393 05		4.02	1.08	−5.86	1.73	1.35	2.51	2.19	1.88	−23	+13	−13	−3	+22	−12	+25	−7	+8	+3	0	0.42
37084		07 37 13.63	+21 22 22.8	8.19		H	114.306 783 36	+21.373 011 70		5.03	18.95	−21.90	0.98	0.60	1.08	1.27	0.71	−35	+34	−16	−13	−6	−12	+0	−27	+1	+3	0	0.66
37085		07 37 13.67	−51 40 33.2	8.95		H	114.306 966 43	−51.675 876 29		3.03	−5.88	35.77	0.68	0.73	0.81	0.84	0.80	+7	+15	+17	−17	−3	−3	−7	−4	−13	+5	1	1.14
37086		07 37 15.21	+53 50 27.1	7.35		H	114.313 390 06	+53.840 859 63		4.70	−10.42	−39.71	0.63	0.52	0.89	0.88	0.80	−1	+16	−8	−7	−22	+12	−22	−6	+7	−6	0	0.35
37087		07 37 16.47	−39 12 07.0	8.91		G	114.318 621 55	−39.201 947 16		5.62	−0.51	−14.85	0.67	0.72	0.89	0.85	0.84	−2	+17	−17	+23	+0	+25	+5	−12	+24	−3	1	−0.53
37088		07 37 16.73	−04 06 39.7	5.14	1	H	114.319 710 63	−04.111 022 50		16.11	−67.41	17.74	0.77	0.47	0.87	1.04	0.56	+42	+15	−28	−25	−36	+17	−21	−53	+38	+64	0	−0.04
37089		07 37 16.93	−23 46 31.5	6.34		H	114.320 554 84	−23.775 412 33		0.08	−5.45	5.48	0.60	0.55	0.87	0.69	0.66	+7	+32	−12	+10	−2	+3	+5	−14	+18	+16	2	1.28
37090		07 37 17.70	+52 12 21.8	8.59		H	114.323 759 79	+52.206 050 50		−1.01	3.71	−5.41	0.99	0.71	1.30	1.32	1.14	+17	+25	+1	−30	−33	−1	−37	−25	−5	+4	3	−1.32
37091		07 37 17.81	+40 01 31.8	6.34		H	114.324 189 74	+40.025 502 16		5.10	−15.06	−48.99	0.92	0.65	0.96	1.28	0.84	+5	+27	−11	+7	−1	+16	+4	+5	+12	+24	0	−0.58
37092		07 37 18.85	+10 18 11.7	8.36		H	114.328 548 30	+10.303 239 14		0.71	−4.90	−3.81	0.95	0.61	1.10	0.92	0.49	−18	+40	−37	−26	−10	−20	−3	−43	+28	−19	0	0.91
37093		07 37 19.15	+64 38 35.9	7.99		H	114.329 787 94	+64.643 317 44		4.36	−3.66	−11.13	0.70	0.57	0.98	0.82	0.83	+21	+20	−5	−15	+6	+15	+12	−7	+30	+44	0	0.72
37094		07 37 20.03	−30 47 32.0	7.55		G	114.333 478 82	−30.792 212 91		4.70	−6.10	1.06	0.46	0.54	0.74	0.57	0.56	+8	+2	−9	+22	−7	−5	−7	−16	+11	+3	2	−0.41
37095		07 37 21.07	+29 12 07.9	9.00		H	114.337 782 49	+29.202 202 32		1.27	−10.00	−0.14	1.38	1.32	1.46	1.74	1.59	−44	+8	−23	+18	−54	+10	−51	+48	+26	−30	0	0.83
37096	H	07 37 22.12	−34 58 06.9	4.53		G	114.342 166 63	−34.968 570 44	A	9.10	−13.65	16.53	0.54	0.63	0.57	0.49	0.48	−8	+2	−13	+7	+5	+2	+5	−3	−5	−15	3	−0.08
37097	H	07 37 23.21	−18 27 57.1	8.33		G	114.346 723 35	−18.465 869 47	A	2.31	1.02	−4.21	1.74	1.39	1.72	1.22	1.15	−19	+9	−25	−16	+7	+1	+10	−31	+25	−13	1	0.93
37098		07 37 23.56	−36 25 04.6	7.11		H	114.348 162 38	−36.417 938 13		3.77	15.29	−19.46	0.47	0.54	0.66	0.52	0.60	+8	+24	−10	+11	−1	+4	+3	−15	+20	+2	1	−0.43
37099	H	07 37 25.24	−33 30 26.8	9.55	2	H	114.355 148 16	−33.507 456 32	A	3.57	−8.26	−11.25	4.13	5.08	4.48	3.69	3.90	+10	−12	+7	+8	−2	+22	−3	−8	−15	−13	19	3.59
37100	H	07 37 25.33	−30 48 06.9	9.38		H	114.355 529 67	−30.801 907 89	A	5.14	−7.45	−61.68	1.17	1.55	1.79	1.24	1.35	−1	+14	−5	+4	−8	−1	−8	−24	−1	−7	2	1.14

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
37001	8.962	0.012	8.892	0.014		0.040	0.015	G	0.06	0.01	H	8.9522	0.0017	0.015	122		8.93	8.98				1							
37002	7.669	0.008	7.571	0.009		0.088	0.011	T	0.10	0.01	L	7.5964	0.0011	0.011	102		7.58	7.62				1							S
37003	10.637	0.033	9.137	0.015	A	1.262	0.028	T	1.22	0.03	L	9.1953	0.0105	0.031	147	A	9.15	9.27		U	07363−3039	H 1	2 C	A	AB	203	13.540	0.023	2.14	0.08	
37004	7.712	0.006	7.507	0.007		0.189	0.009	T	0.21	0.01	L	7.5414	0.0009	0.009	123		7.53	7.56				1							S
37005	9.674	0.030	8.570	0.020		0.952	0.028	T	0.94	0.02	L	8.6414	0.0024	0.016	46		8.62	8.67		C		1							
37006	7.721	0.006	7.865	0.008	*	−0.124	0.009	T	−0.11	0.01	L *	7.8566	0.0015	0.015	133	*	7.83	7.88		D	07363−2437	H 1	2 C S	A	AB	177	0.185	0.022	1.68	0.42	
37007	6.849	0.004	6.882	0.005		−0.011	0.003	G	0.01	0.00	H	6.8766	0.0009	0.008	121		6.86	6.89		C		1							S
37008	7.845	0.006	7.876	0.009		−0.024	0.010	T	0.00	0.01	L	7.8911	0.0010	0.010	111		7.88	7.91		C		1							S
37009	7.978	0.010	7.778	0.010		0.191	0.013	T	0.21	0.01	L	7.7985	0.0011	0.009	86		7.79	7.82		C		1							S
37010	9.024	0.013	8.771	0.014	A	0.200	0.495	G	0.12	0.05	L *	8.7522	0.0015	0.017	118	*	8.72	8.78		D	07364−8526	I 1	2 C	A	AB	73	2.762	0.014	2.62	0.08	
37011	10.434	0.042	9.102	0.022		1.130	0.037	T	1.09	0.04	L	9.1528	0.0024	0.018	84		9.12	9.18				1							
37012	8.493	0.010	8.405	0.012	*	0.086	0.015	T	0.10	0.02	L *	8.3721	0.0027	0.042	114	*	8.34	8.52	5.13	P 1 A	07364−6152	I 1	2 C	A	AB	196	0.893	0.011	2.29	0.06	
37013	6.892	0.005	6.844	0.007	*	0.043	0.008	T	0.06	0.01	L *	6.8436	0.0016	0.011	105	*	6.83	6.86		D	07364−5411	I 1	2 C	A	AB	304	0.296	0.005	1.33	0.06	S
37014	10.866	0.068	9.353	0.030		1.272	0.058	T	1.23	0.06	L	9.4301	0.0023	0.015	58		9.40	9.46		C		1							
37015	6.932	0.006	7.003	0.008		−0.060	0.009	T	−0.04	0.01	L	7.0152	0.0019	0.013	123		7.00	7.04		M		1							S
37016	7.895	0.008	7.842	0.011		0.054	0.013	T	0.07	0.01	L	7.8808	0.0013	0.011	87		7.86	7.90		C		1							S
37017	10.130	0.026	10.523	0.055		−0.291	0.015	G	−0.32	0.02	H	10.4301	0.0030	0.038	158		10.36	10.50				1	S						G
37018	8.811	0.013	8.812	0.017		0.024	0.021	G	0.04	0.02	H	8.7943	0.0014	0.014	127		8.77	8.82		C		1							D
37019	9.684	0.020	8.377	0.012		1.111	0.018	T	1.07	0.02	L	8.4523	0.0012	0.009	77		8.43	8.47				1							
37020	9.693	0.031	9.453	0.037		0.229	0.045	T	0.25	0.06	L	9.4416	0.0042	0.027	50		9.39	9.50		U		1							
37021	8.263	0.013	8.196	0.016		0.030	0.015	G	0.05	0.01	H	8.2251	0.0018	0.010	47		8.20	8.24		C		1							S
37022	12.340	0.256	10.288	0.066		2.741	0.020	G	2.67	0.02	A	10.4135	0.0057	0.038	79		10.35	10.49		C		1							G Y
37023	7.698	0.009	5.831	0.006		1.560	0.020	G	1.82	0.05	F	5.7498	0.0018	0.008	44		5.74	5.76				1							S
37024	7.980	0.008	7.797	0.009		0.175	0.011	T	0.19	0.01	L	7.8417	0.0009	0.008	87		7.83	7.85		C		1							S
37025	6.721	0.003	6.828	0.005		−0.079	0.002	G	−0.06	0.00	H	6.8258	0.0009	0.011	188		6.81	6.85			07365−2520	I 1	1						S
37026	11.020	0.061	9.223	0.023		1.496	0.052	T	1.52	0.08	L	9.2357	0.0024	0.017	86		9.20	9.27		C		1							
37027	10.692	0.046	9.649	0.029		0.906	0.041	T	0.91	0.03	L	9.7366	0.0025	0.020	77		9.71	9.77		C		1							
37028	8.524	0.010	8.128	0.010		0.398	0.004	G	0.46	0.00	H	8.1770	0.0014	0.013	101		8.15	8.20				1							S
37029	8.215	0.008	8.075	0.009		0.135	0.011	T	0.15	0.01	L	8.0952	0.0010	0.010	131		8.08	8.11		C		1							S
37030	8.780	0.010	7.306	0.006		1.241	0.009	T	1.20	0.01	L	7.3419	0.0008	0.010	131		7.32	7.36				1							S
37031	6.623	0.004	5.974	0.004		0.602	0.003	G	0.69	0.07	F	6.0234	0.0007	0.005	89		6.01	6.03		C		1							S
37032	8.781	0.012	8.039	0.010		0.664	0.012	T	0.73	0.01	L	8.1172	0.0012	0.011	100		8.10	8.14				1							S
37033	11.044	0.049	10.282	0.040		0.679	0.048	T	0.74	0.04	L	10.4320	0.0042	0.034	101		10.38	10.50		C		1							G
37034	7.043	0.005	7.183	0.006		−0.116	0.004	G	−0.10	0.01	H	7.1624	0.0008	0.008	133		7.15	7.18		C		1							S
37035	8.880	0.026	8.369	0.024		0.470	0.015	G	0.54	0.02	H	8.4344	0.0026	0.013	37		8.41	8.46				1							
37036	5.477	0.003	5.675	0.003		−0.165	0.008	G	−0.12	0.03	C	5.6520	0.0009	0.009	141		5.63	5.67		U 2		1							S P
37037	6.612	0.005	6.678	0.007		−0.050	0.010	G	−0.03	0.01	H	6.6894	0.0007	0.008	131		6.68	6.70		C	07366−1428	I 1	1						S
37038	10.417	0.032	8.596	0.013		1.515	0.027	T	1.55	0.04	L	8.4758	0.0019	0.016	85		8.45	8.50				1							
37039	10.350	0.031	10.163	0.041		0.265	0.004	G	0.30	0.01	H	10.2463	0.0021	0.023	126		10.20	10.29		C		1							G
37040	8.737	0.010	8.773	0.013		−0.028	0.015	T	−0.01	0.01	L	8.7783	0.0040	0.043	141		8.70	8.82		U 2 C		1							
37041	8.906	0.011	8.319	0.010		0.548	0.013	T	0.62	0.01	L	8.3586	0.0018	0.012	117		8.34	8.38		C		1							
37042	7.932	0.008	8.066	0.010		−0.117	0.015	G	−0.10	0.02	H	8.0579	0.0019	0.019	107		8.03	8.09				1							
37043	5.639	0.003	5.683	0.003		−0.037	0.004	T	−0.01	0.00	L	5.6864	0.0006	0.005	108		5.68	5.70		C		1							S
37044	8.304	0.008	8.437	0.010		−0.104	0.015	G	−0.09	0.02	H	8.4340	0.0012	0.012	140		8.42	8.46		C		1							
37045	9.912	0.024	8.039	0.011		1.589	0.022	T	1.92	0.07	O	7.9361	0.0015	0.014	83		7.92	7.96		R		1							
37046	7.383	0.006	6.060	0.004		1.123	0.006	T	1.09	0.01	L	6.0981	0.0007	0.006	101		6.09	6.11				1							S
37047	7.902	0.011	7.971	0.014		−0.058	0.016	T	−0.04	0.02	L	7.9840	0.0016	0.015	127		7.96	8.01				1							
37048	7.663	0.008	7.656	0.011		0.011	0.013	T	0.03	0.01	L	7.6745	0.0010	0.007	93		7.66	7.68		C		1							S
37049	8.949	0.013	7.739	0.009		1.035	0.012	T	1.01	0.01	L	7.7771	0.0013	0.011	100		7.76	7.80		C		1							S
37050	8.294	0.009	8.281	0.011		0.013	0.012	T	0.03	0.01	L	8.2880	0.0013	0.010	102		8.27	8.31		C		1							
37051	9.916	0.019	9.358	0.018		0.522	0.023	T	0.59	0.02	L	9.4226	0.0023	0.023	147		9.38	9.46		C		1							
37052	8.922	0.012	7.411	0.007		1.271	0.011	T	1.23	0.01	L	7.4384	0.0010	0.010	124		7.42	7.45		C		1							S
37053	8.397	0.012	8.087	0.012		0.290	0.015	G	0.33	0.02	H	8.1296	0.0017	0.012	92		8.11	8.16		C		1							S
37054	9.556	0.024	8.413	0.016		0.983	0.022	T	0.96	0.02	L	8.4598	0.0014	0.011	71		8.44	8.48		C		1							
37055	9.179	0.014	8.037	0.009		1.010	0.015	G	0.99	0.01	H	8.0811	0.0013	0.012	133		8.06	8.10		C		1							
37056	8.175	0.008	8.039	0.009		0.123	0.011	T	0.14	0.01	L	8.0576	0.0013	0.011	115		8.04	8.08		C		1							S
37057	8.843	0.012	8.834	0.015		0.010	0.015	G	0.03	0.01	H	8.8698	0.0017	0.016	114		8.84	8.89		C		1							G
37058	7.742	0.006	7.504	0.007		0.222	0.009	T	0.24	0.01	L	7.5303	0.0016	0.015	120		7.51	7.56				1 G							S
37059	10.516	0.055	10.021	0.055	A	0.500	0.495	G	0.27	0.21	L *	9.6365	0.0044	0.023	42	*	9.60	9.67		D	07370+4647	I 1	2 C	B	AB	2	1.698	0.012	0.15	0.09	
37060	8.653	0.010	7.191	0.006		1.220	0.015	G	1.10	0.02	A	7.2387	0.0009	0.008	119		7.22	7.25		C		1							S
37061	8.962	0.013	8.046	0.010		0.797	0.013	T	0.83	0.01	L	8.1077	0.0014	0.013	136		8.09	8.13		C		1							
37062	11.400	0.104	9.943	0.043		1.213	0.015	G	1.17	0.01	H	9.9183	0.0029	0.024	118		9.88	9.96		C		1							D
37063	8.714	0.012	8.139	0.011		0.540	0.012	T	0.61	0.01	L	8.1796	0.0012	0.012	104		8.16	8.20				1							S
37064	10.258	0.036	9.690	0.033		0.531	0.043	T	0.60	0.04	L	9.7176	0.0030	0.023	100		9.68	9.75				1							
37065	7.931	0.009	6.797	0.005		0.976	0.008	T	0.96	0.01	L	6.8589	0.0012	0.010	118		6.84	6.88				1							S
37066	8.875	0.013	8.743	0.015		0.127	0.019	T	0.14	0.02	L	8.7845	0.0020	0.014	83		8.76	8.82		C		1							
37067	9.044	0.016	8.720	0.017		0.308	0.022	T	0.35	0.03	L	8.7489	0.0016	0.012	76		8.73	8.77				1							
37068	8.457	0.011	7.949	0.010		0.508	0.015	G	0.58	0.02	H	7.9865	0.0012	0.013	144		7.96	8.01				1							S
37069	8.282	0.008	7.018	0.004		1.077	0.007	T	1.04	0.01	L	7.0611	0.0010	0.011	236		7.04	7.08				1							S
37070	7.520	0.005	7.179	0.005	*	0.323	0.007	T	0.37	0.01	L *	7.1847	0.0010	0.010	193	*	7.16	7.20		D	07371−2725	I 1	2 C	A	AS	265	0.242	0.002	0.56	0.04	S
37071	9.102	0.025	8.830	0.027		0.251	0.015	G	0.28	0.02	H	8.8721	0.0034	0.011	38		8.86	8.90				1							
37072	8.397	0.012	6.888	0.007		1.269	0.011	T	1.23	0.01	L	6.8889	0.0008	0.006	77		6.88	6.90		C		1 G							S
37073	8.115	0.008	7.678	0.009		0.433	0.015	G	0.50	0.02	H	7.7305	0.0012	0.013	129		7.70	7.75		C		1							S
37074	6.653	0.005	6.899	0.005		−0.214	0.006	T	−0.23	0.01	L	6.8635	0.0016	0.019	82		6.84	6.90		U 2 C		1							S
37075	9.926	0.034	8.670	0.021		1.071	0.031	T	1.04	0.03	L	8.7951	0.0025	0.017	51		8.77	8.82		C		1							
37076	9.476	0.034	8.775	0.021	*	0.760	0.015	G	0.80	0.01	H *	9.2125	0.0026	0.019	106	*	9.18	9.25		D	07371+5036	I 1	2 C	A	AB	28	2.765	0.006	1.22	0.04	
37077	12.078	0.127	10.487	0.049		1.357	0.112	T	2.03	0.23	K	10.2724	0.0053	0.042	125		10.21	10.33		U		1							G
37078	9.313	0.015	8.450	0.012		0.772	0.014	T	0.81	0.01	L	8.5253	0.0017	0.019	121		8.49	8.57		C		1							S
37079	11.318	0.066	10.434	0.050		0.788	0.062	T	0.82	0.04	L	10.6414	0.0027	0.026	120		10.58	10.69		C		1							G
37080	9.190	0.014	8.293	0.010		0.798	0.013	T	0.83	0.01	L	8.3740	0.0020	0.016	122		8.35	8.40				1							
37081	9.477	0.018	8.242	0.011		1.054	0.016	T	1.02	0.01	L	8.2761	0.0015	0.012	97		8.26	8.30		C		1							S
37082	9.899	0.022	9.154	0.018		0.681	0.023	T	0.74	0.02	L	9.2174	0.0017	0.016	108		9.19	9.25		C		1							
37083	11.322	0.100	10.892	0.109		0.150	0.040	G	0.17	0.04	R	11.0182	0.0052	0.041	112		10.96	11.09				1	S						D
37084	8.672	0.014	8.218	0.014		0.428	0.018	T	0.50	0.02	L	8.2911	0.0015	0.011	82		8.27	8.31		C		1							
37085	10.271	0.025	9.099	0.015		1.005	0.023	T	0.98	0.02	L	9.1125	0.0017	0.017	145		9.09	9.14				1 G							
37086	8.683	0.010	7.459	0.007		1.046	0.010	T	1.02	0.01	L	7.5168	0.0012	0.012	128		7.50	7.54				1							S
37087	9.405	0.017	8.960	0.017		0.430	0.015	G	0.50	0.02	H	8.9972	0.0016	0.017	114		8.97	9.03		C		1							G
37088	5.668	0.003	5.186	0.002		0.442	0.004	G	0.51	0.00	H	5.2370	0.0006	0.005	123		5.23	5.26		M	07373−0406	I 1	1						S
37089	6.989	0.006	6.428	0.005		0.540	0.018	G	0.68	0.03	C	6.4744	0.0012	0.008	95		6.46	6.49				1							S
37090	9.278	0.017	8.671	0.016		0.566	0.020	T	0.64	0.02	L	8.7117	0.0019	0.018	108		8.68	8.75		C		1							
37091	8.411	0.011	6.525	0.009		1.600	0.012	T	1.83	0.06	O	6.4345	0.0025	0.011	46		6.42	6.45				1							S
37092	9.483	0.020	8.462	0.014		0.890	0.018	T	0.90	0.01	L	8.5168	0.0016	0.011	92		8.50	8.54		C		1							
37093	9.646	0.017	8.123	0.009		1.280	0.015	T	1.24	0.02	L	8.1502	0.0018	0.016	137		8.13	8.18		C		1							
37094	7.461	0.006	7.528	0.007		−0.062	0.015	G	−0.04	0.01	H	7.5384	0.0011	0.012	159		7.52	7.56				1							S
37095	9.171	0.026	9.019	0.029		0.146	0.037	T	0.16	0.04	L	9.0537	0.0040	0.019	40		9.01	9.10				1							
37096	4.427	0.002	4.517	0.002	*	−0.081	0.008	G	−0.08	0.02	A *	4.5065	0.0005	0.004	126	*	4.50	4.51		D	07374−3458	I 1	2 C	A	AC	31	0.460	0.002	1.51	0.01	S D
37097	10.422	0.031	8.486	0.011	*	1.500	0.040	G	1.50	0.10	R *	8.3603	0.0028	0.024	141	*	8.32	8.40		D	07374−1828	H 1	2 C	A	AB	94	0.438	0.009	1.96	0.05	
37098	8.707	0.011	7.244	0.006		1.233	0.010	T	1.19	0.01	L	7.2750	0.0010	0.008	132		7.26	7.30				1							S
37099	9.452	0.017	9.595	0.026	*	−0.105	0.015	G	−0.09	0.02	H *	9.5215	0.0128	0.146	142	*	9.19	9.61		U 2	07374−3330	H 1	2 C	B	AB	13	0.509	0.069	2.76	0.36	G
37100	9.732	0.019	9.369	0.020	A	−0.100	0.500	G	0.29	0.10	L *	9.4503	0.0025	0.024	149	*	9.40	9.49			07374−3048	I 1	2 C	D	AB	20	5.593	0.079	3.79	0.29	G D

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ 13	Standard Errors α* mas 14	δ 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
37101		07 37 25.78	−30 53 18.7	9.96		G	114.357 428 22	−30.888 537 29		2.38	−3.25	6.70	0.74	0.93	1.22	0.89	0.96	+7	+12	−2	+7	−6	+6	−6	−16	+0	+3	0	0.16
37102	H	07 37 25.90	+38 52 05.5	7.94		G	114.357 907 39	+38.868 203 07	A	4.94	−0.93	1.16	2.67	2.17	1.82	2.09	1.53	−47	+31	−7	+9	−1	+11	+7	+0	+0	+16	3	3.21
37103		07 37 26.51	+38 52 28.1	10.47		H	114.360 474 11	+38.874 465 33	C	4.94	−0.93	1.16	46.29	36.62	1.82	2.09	1.53	−11	+7	−8	+5	−2	+11	+0	+6	+0	+16	3	3.21
37104		07 37 28.99	−02 02 12.6	7.21		H	114.370 791 86	−02.036 840 41		1.30	5.43	−4.63	0.76	0.44	0.91	0.95	0.49	+12	+31	−14	−14	−2	−15	+1	−36	+18	+15	2	1.09
37105		07 37 30.02	+40 03 22.5	9.46		H	114.375 092 52	+40.056 241 40		4.76	−14.94	−16.71	1.62	1.34	1.85	2.51	1.73	−19	+25	−10	+8	+11	+27	+18	−9	+19	+19	0	−1.67
37106		07 37 30.45	+44 37 15.9	8.34		H	114.376 865 08	+44.621 075 97		3.85	6.40	−0.33	1.02	0.89	1.39	1.50	1.27	−7	+28	−38	+15	−11	+25	+13	−25	+43	+30	0	0.12
37107		07 37 30.50	+18 55 04.9	6.85		H	114.377 084 91	+18.918 017 25		16.90	−15.34	−86.65	0.83	0.49	0.90	0.76	0.48	−31	+54	−26	−16	−2	−11	−1	−27	+4	−19	0	−1.23
37108		07 37 31.11	+31 36 49.4	7.76		G	114.379 627 24	+31.613 735 52		5.07	−8.23	−20.08	0.84	0.67	0.97	1.01	0.87	−21	+26	−8	+14	+1	−19	−9	+3	−23	−25	0	1.50
37109		07 37 32.00	−24 35 48.9	9.63		G	114.383 315 22	−24.596 919 88		15.03	10.46	−199.34	1.06	1.23	1.51	1.35	1.45	−3	−4	−3	−33	−4	−3	−2	−25	−6	−11	0	−0.63
37110	H	07 37 32.13	−51 25 16.8	7.79		H	114.383 859 41	−51.421 321 11	A	4.05	−3.37	−25.30	0.81	0.97	0.76	0.76	0.71	+9	+15	+5	−3	−1	−8	+0	−2	+10	−16	1	−0.46
37111		07 37 32.45	+60 32 19.0	7.00		H	114.385 205 02	+60.538 607 08		7.98	−2.78	4.76	0.56	0.43	0.75	0.61	0.62	+20	+19	−3	+30	+17	−11	+10	−3	+6	−9	0	0.83
37112		07 37 32.83	−78 21 54.6	8.83	2	H	114.386 794 91	−78.365 154 32		0.61	0.42	19.83	0.75	0.70	0.78	0.82	0.80	−5	+28	+1	−13	+8	−5	+7	−24	+5	−24	0	−1.69
37113		07 37 33.19	−15 40 53.2	8.12	2	H	114.388 293 31	−15.681 433 92		0.44	−3.39	−0.23	0.68	0.56	1.05	0.76	0.64	−2	+29	+4	+11	+27	−8	+36	−14	+9	+29	0	−1.80
37114	H	07 37 33.75	−76 17 38.7	10.36		H	114.390 617 11	−76.294 075 99	*	1.29	−25.20	13.27	1.04	0.91	1.04	1.22	1.09	+7	+16	+12	−14	−11	−13	−8	−3	+5	−5	0	0.51
37115		07 37 34.21	−42 53 20.8	9.22		H	114.392 553 75	−42.889 118 03		5.01	57.33	−43.69	0.64	0.74	0.80	0.67	0.85	−7	−4	−3	−7	−7	+6	−8	−16	−2	−12	0	0.38
37116		07 37 34.36	−57 13 00.3	7.97		H	114.393 152 35	−57.216 746 88		7.80	−2.38	15.15	0.55	0.58	0.62	0.58	0.64	−5	+8	+12	+18	−10	+22	−13	+7	+11	−2	0	−0.01
37117		07 37 36.52	−65 55 01.5	7.35		H	114.402 159 41	−65.917 091 09		1.30	−3.49	23.97	0.48	0.48	0.53	0.41	0.57	−7	+5	+11	−35	−9	−2	−8	−9	+7	−33	0	1.35
37118		07 37 36.65	−47 37 25.6	9.05		H	114.402 690 69	−47.623 770 88		0.95	−13.40	19.99	0.86	0.80	0.94	0.99	0.88	−8	+17	−4	−18	+8	−1	+10	−17	+10	−21	3	1.82
37119		07 37 38.80	−14 26 26.8	6.53		H	114.411 687 16	−14.440 765 28		2.87	−6.59	1.67	0.56	0.43	0.80	0.65	0.49	−3	+6	−5	+2	+23	−16	+29	−16	−5	+37	0	2.57
37120		07 37 40.07	−69 32 32.5	10.66	3	H	114.416 959 50	−69.542 350 47	*	2.18	−12.38	13.67	1.48	1.42	1.46	1.59	1.95	−2	+14	−1	−5	−3	+1	+0	+0	+8	−12	0	0.35
37121		07 37 40.16	+22 20 24.6	6.96		H	114.417 326 12	+22.340 161 35		6.75	−3.97	−42.20	0.91	0.55	1.04	1.07	0.62	−31	+38	−31	+8	−4	−15	+1	−11	+4	+9	0	0.39
37122		07 37 41.60	+01 55 42.2	6.89		H	114.423 335 21	+01.928 395 35		2.73	−0.09	−1.36	0.84	0.46	0.93	0.85	0.40	−3	+41	−5	−18	+0	−15	+2	−48	+0	+9	2	1.01
37123		07 37 41.98	−37 57 09.2	8.98		H	114.424 913 55	−37.952 548 50		3.28	0.17	−18.84	0.63	0.73	0.86	0.72	0.78	+6	+5	+4	−8	−9	−1	−8	−8	+1	−11	0	−1.27
37124		07 37 42.50	+41 55 06.3	9.58		H	114.427 071 20	+41.918 429 54		6.50	−0.63	21.83	1.75	1.18	1.76	2.18	1.72	+25	+41	+21	−13	+3	−7	−10	−34	−34	+16	0	−1.06
37125		07 37 42.74	+45 03 33.6	8.38		H	114.428 069 02	+45.059 324 58		4.49	1.51	−11.72	1.09	0.86	1.30	1.46	1.23	+9	+28	−24	+10	−3	+6	+9	−16	+35	+22	0	−0.88
37126		07 37 43.21	−07 43 38.0	7.09	2	H	114.430 027 41	−07.727 225 56		4.06	−12.20	5.48	0.85	0.50	1.03	1.01	0.60	+7	+43	+4	−26	+17	−27	+12	−34	−10	+14	0	0.37
37127		07 37 44.82	−35 16 37.9	6.59		G	114.436 738 21	−35.277 203 60		4.52	−28.72	19.41	0.42	0.48	0.61	0.47	0.48	+5	+0	−10	+17	−9	+11	−9	−12	+13	−2	0	1.46
37128		07 37 45.03	−38 00 38.1	6.38		H	114.437 624 47	−38.010 571 75		5.76	−12.05	60.26	0.41	0.44	0.54	0.45	0.46	+5	+0	−3	−3	−10	+0	−9	−4	+8	−9	0	−0.40
*37129		07 37 45.19	−07 27 10.7	8.45		H	114.438 301 08	−07.452 976 65		3.59	−0.27	0.01	0.89	0.60	1.08	1.19	0.76	+9	+21	+1	−27	+0	−13	−1	−35	−9	+18	0	−0.55
*37130		07 37 45.19	−09 13 25.5	8.74		H	114.438 273 69	−09.223 759 84		3.10	−10.33	18.90	0.70	0.56	1.07	0.78	0.64	−22	−5	−14	+4	+30	−24	+31	−24	−17	−12	0	2.19
37131		07 37 46.82	+27 44 20.7	8.05		H	114.445 065 29	+27.739 084 85		5.74	−10.75	−9.88	0.93	0.59	0.96	1.02	0.86	−14	+28	−4	−10	−24	−15	−28	+3	+6	−23	0	0.54
37132		07 37 47.60	−17 25 14.5	9.32		H	114.448 330 60	−17.420 682 36		2.68	−5.86	−4.78	0.76	0.78	1.32	0.81	0.84	−23	+24	−1	−32	+10	−23	+11	−24	+8	−22	0	1.80
37133		07 37 48.25	+38 52 43.7	7.20		H	114.451 053 63	+38.878 806 31		10.43	−12.40	−6.00	0.97	0.63	0.94	1.11	0.80	+9	+36	−4	+0	−8	+9	−7	+6	+0	+6	0	1.67
37134	H	07 37 48.96	−02 35 49.2	7.84		H	114.453 983 69	−02.597 000 63	A	6.29	−8.10	−27.42	1.32	0.75	1.35	1.46	0.79	+7	+32	−11	−25	−8	−5	−4	−28	+17	+22	1	0.44
37135		07 37 50.30	+14 20 26.3	6.76		G	114.459 586 91	+14.340 636 43		4.90	−27.51	−8.31	0.75	0.46	0.83	0.78	0.45	−20	+38	−10	−5	−5	−13	−4	−25	+6	−25	0	0.77
37136		07 37 50.88	+14 02 31.9	6.79		G	114.462 020 54	+14.042 202 41		5.30	29.56	−93.29	0.74	0.45	0.83	0.81	0.45	−21	+37	−13	−5	−6	−15	−3	−23	+7	−18	0	0.31
37137		07 37 51.47	−56 10 47.3	8.91		H	114.464 458 21	−56.179 802 43		1.47	−2.16	7.13	0.70	0.74	0.79	0.94	0.90	−4	+7	−5	−17	+2	+8	+3	−29	+26	−13	0	−0.33
37138		07 37 51.57	−06 57 28.8	6.97		H	114.464 866 01	−06.958 000 46		1.31	−7.18	−3.65	0.71	0.45	0.84	0.95	0.52	+6	+15	−9	−10	+14	−24	+13	−32	−9	+25	0	1.32
37139		07 37 53.51	−75 25 14.8	9.34		H	114.472 968 96	−75.420 767 21		−1.41	−8.19	3.14	0.81	0.79	0.86	0.86	0.92	+0	+1	+12	+1	−10	+12	−13	−3	−18	−17	3	1.09
37140		07 37 53.88	+48 46 26.1	5.93		H	114.474 494 54	+48.773 911 50		12.44	−32.62	−28.48	0.64	0.48	0.83	0.75	0.65	−42	+42	−27	−2	−19	−13	−12	−11	+22	−26	0	0.50
37141		07 37 54.42	+36 47 00.4	8.33		H	114.476 763 56	+36.783 431 46		2.45	−2.85	−2.32	1.14	0.78	1.28	1.34	0.97	−1	+42	−24	+8	−5	+0	+3	+2	+16	+22	0	−0.29
37142		07 37 54.53	−03 16 40.2	8.82		H	114.477 196 81	−03.277 819 57		2.29	−3.61	1.96	1.02	0.58	1.13	1.49	0.78	+39	+14	−12	−31	−21	−7	−19	−43	+18	+45	0	−2.30
37143		07 37 56.67	−70 52 50.2	9.29		H	114.486 142 84	−70.880 605 49		6.10	30.02	7.74	0.82	0.74	0.81	1.05	0.82	−1	+13	−4	−12	−19	+9	−14	+16	+6	−4	0	1.20
37144		07 37 56.93	+23 50 10.3	8.30		H	114.487 203 90	+23.836 196 86		0.22	−5.52	−12.85	1.01	0.57	1.09	1.05	0.88	−38	+49	−14	−5	−7	−11	−7	−8	+7	−34	0	0.56
37145	H	07 37 57.57	−32 07 52.2	6.70		H	114.489 867 14	−32.131 179 05	*	8.81	6.22	−34.96	0.38	0.50	0.62	0.46	0.51	+9	−3	−8	−2	−10	+21	−9	−22	+12	+6	0	2.69
37146		07 38 00.68	−26 37 35.6	8.71		H	114.502 833 13	−26.626 543 66		4.16	−8.91	−10.50	0.50	0.85	1.18	0.55	0.89	+22	+1	+0	+11	+5	+6	+2	−22	+9	+14	0	0.31
37147		07 38 00.85	+12 48 05.3	8.98		G	114.503 555 40	+12.801 466 06		−0.71	−3.20	−6.37	1.22	0.69	1.23	1.20	0.68	−17	+40	−18	−52	−1	−35	−1	−39	+13	−24	0	−1.25
37148		07 38 01.39	−43 38 29.3	7.98		H	114.505 777 37	−43.641 464 56		1.52	−5.01	11.94	0.54	0.62	0.68	0.59	0.67	+5	−2	+0	+0	−12	−2	−13	−16	+15	−5	1	1.02
37149		07 38 01.55	−08 07 34.4	6.92		H	114.506 471 47	−08.126 227 79		5.36	−6.24	−9.47	0.91	0.57	1.02	1.20	0.63	−11	+15	+0	−32	+29	−10	+24	−43	−9	+10	0	0.17
37150		07 38 04.72	+61 31 59.9	7.37		H	114.519 661 09	+61.533 304 72		17.09	25.45	22.53	0.65	0.53	0.90	0.78	0.82	+3	+14	+13	+28	+0	−2	+0	+14	+20	−23	0	0.89
*37151		07 38 05.69	+17 04 32.3	8.34		H	114.523 702 90	+17.075 632 56		0.96	−9.18	−6.93	0.94	0.59	1.04	0.89	0.60	−38	+50	−33	−10	−8	−14	−6	−17	+12	−33	0	0.20
*37152		07 38 05.62	−63 56 46.6	8.18		H	114.523 413 86	−63.946 265 83		0.58	−4.83	7.65	0.59	0.53	0.59	0.68	0.60	+0	+9	+7	+4	−8	+6	−8	−2	+6	−15	0	0.60
37153		07 38 07.37	+38 15 32.0	7.18	2	H	114.530 694 07	+38.258 880 60		2.06	−8.41	−16.75	1.01	0.74	1.20	1.56	0.91	+6	+15	−42	+3	−13	+35	+2	−4	+12	+41	0	2.58
37154		07 38 08.10	−28 44 20.5	8.06		H	114.533 769 73	−28.739 033 01		10.47	11.32	−66.76	0.53	0.77	1.06	0.63	0.86	+8	−7	−11	+19	+1	+20	−4	−25	+24	−2	0	0.01
37155		07 38 08.71	−16 02 39.7	7.32		H	114.536 309 34	−16.044 356 37		7.04	−5.75	20.59	0.59	0.54	0.91	0.64	0.56	+2	+17	−8	−6	+21	−19	+23	−22	+2	+25	0	0.40
37156		07 38 08.75	−65 27 42.5	8.96		H	114.536 459 69	−65.461 809 00		3.42	−9.44	−40.86	0.69	0.68	0.74	0.57	0.78	+0	−2	+8	−39	−12	+4	−14	−18	+5	−27	2	1.31
37157		07 38 09.24	−36 30 13.2	9.07		H	114.538 479 76	−36.503 668 57		3.17	−21.86	35.97	0.66	0.81	0.97	0.76	0.93	+4	+17	−11	−4	−9	+1	−5	−20	+24	+0	0	−2.08
37158		07 38 11.06	−31 27 11.7	7.18		H	114.546 088 89	−31.453 246 57		5.37	26.82	−4.05	0.42	0.54	0.67	0.46	0.53	+5	+0	−15	+14	−8	+13	−8	−24	+13	+0	1	−0.05
37159		07 38 11.87	−10 36 47.1	7.03	1	H	114.549 471 72	−10.613 094 33		2.28	−8.75	−0.86	0.60	0.46	0.92	0.72	0.51	−11	+8	−16	+21	+26	−29	+23	−24	+8	−10	0	−0.99
*37160		07 38 11.96	+17 50 28.5	9.25		H	114.549 834 79	+17.841 260 17		1.97	14.99	−1.59	1.25	0.78	1.37	1.34	0.86	−22	+41	−23	−18	−6	−15	−8	−22	+4	−25	2	0.25
*37161		07 38 11.89	−51 38 41.5	7.76		H	114.549 557 23	−51.644 852 97		2.60	−7.89	6.28	0.51	0.50	0.57	0.55	0.52	+11	+24	+20	−6	−8	+2	−9	−7	−3	−11	0	1.09
37162		07 38 12.86	+43 34 25.1	9.64		H	114.553 595 21	+43.573 646 82		23.45	−116.33	−150.38	1.71	1.42	2.24	2.81	1.98	+0	+13	−36	+26	−4	+36	+19	−9	+28	+43	0	1.98
37163		07 38 13.91	+42 52 48.8	10.42		H	114.557 965 08	+42.880 222 60		6.03	3.49	−1.70	2.03	1.49	2.11	3.17	2.15	+18	+6	−22	−24	−20	+23	−13	−35	+18	+46	0	−2.00
37164		07 38 14.18	−67 26 52.1	7.36		H	114.559 094 21	−67.447 802 00		9.34	35.85	−36.10	0.54	0.48	0.55	0.56	0.54	−4	+20	+14	−17	−10	−18	−4	+2	+10	−29	0	1.09
37165		07 38 14.36	+24 21 37.4	6.37		H	114.559 844 87	+24.360 392 78		21.27	10.84	19.90	0.76	0.47	0.83	0.78	0.67	−39	+48	−16	+1	−5	−17	−9	−3	+2	−41	0	−0.34
37166		07 38 15.49	−63 34 25.0	8.41		H	114.564 542 32	−63.573 608 54		5.79	57.06	−49.87	0.74	0.65	0.72	0.82	0.74	−7	−3	+13	−13	−4	+3	−5	−15	+1	−17	0	−0.20
*37167		07 38 15.59	−34 58 49.3	7.85		H	114.564 944 47	−34.980 373 96		5.28	−0.16	−6.83	0.50	0.57	0.71	0.55	0.56	+3	+11	−21	+23	−11	+13	−11	−17	+5	−3	0	0.82
*37168		07 38 15.58	+11 07 03.3	8.49		H	114.564 918 65	+11.117 575 46		0.68	−11.17	−7.92	0.98	0.63	1.03	1.04	0.59	−8	+15	−11	−26	−21	−11	−15	−28	+17	−30	2	2.60
37169		07 38 16.12	−13 51 01.3	8.40		H	114.567 152 25	−13.850 348 70		1.97	1.14	4.13	0.77	0.58	1.03	0.90	0.63	−14	+15	−17	−14	+28	−15	+28	−26	+12	+14	0	0.97
37170		07 38 16.45	+47 44 56.7	7.70		H	114.568 560 49	+47.749 076 46		26.13	−14.79	−165.14	1.05	0.77	1.04	1.34	1.00	+9	+29	−3	+18	+22	+1	+20	+3	−1	+6	0	0.22
37171		07 38 17.36	−27 08 45.3	8.41		G	114.572 320 89	−27.145 918 24		19.72	−73.80	163.92	0.52	0.79	1.13	0.60	0.85	+10	+5	+23	+21	+1	−3	+0	−3	−4	+2	2	1.78
37172		07 38 17.97	+42 27 36.5	7.93		G	114.574 868 35	+42.460 146 50		15.23	−26.11	−155.28	1.09	0.76	1.07	1.51	1.09	+24	+31	+3	−4	−6	+6	−7	−15	−5	+32	0	−0.28
37173		07 38 18.05	−25 21 53.2	4.69	1	T	114.575 197 46	−25.364 788 05		5.92	−2.28	−6.70	0.38	0.51	0.72	0.45	0.63	+5	+2	−6	+35	+5	+3	+0	−18	+12	−6	0	−1.47
37174		07 38 18.21	−48 36 05.2	5.68	2	T	114.575 882 21	−48.601 448 11		0.65	−4.18	5.13	0.48	0.43	0.52	0.53	0.49	+4	+17	−6	−4	−2	+14	−1	−4	−1	−10	5	1.17
37175		07 38 18.85	+68 27 10.8	8.52	1	H	114.578 524 31	+68.452 998 29		0.83	12.32	−2.29	0.63	0.74	1.18	0.59	0.94	+14	+17	+13	−26	−15	+3	−20	−8	+3	+16	0	−1.38
37176		07 38 19.33	+30 41 45.6	8.73		H	114.580 528 08	+30.695 997 90		3.33	4.79	−14.17	1.27	0.86	1.25	1.43	1.07	+14	+27	−8	−10	−26	−9	−28	+1	−4	+13	3	0.93
37177		07 38 19.93	+34 26 57.7	11.26		G	114.583 045 18	+34.449 367 23		32.89	3.77	110.33	3.04	2.16	3.30	3.40	2.75	−17	+43	−14	+1	−5	+14	−3	−4	−1	−19	0	0.16
37178		07 38 20.05	+55 12 20.4	7.95		H	114.583 548 19	+55.205 657 77		10.84	−1.58	−59.97	0.78	0.65	1.01	1.04	0.99	−6	+18	−5	−15	−19	+6	−20	−12	+3	−15	2	0.65
37179		07 38 20.73	+33 11 12.5	6.84		H	114.586 382 58	+33.186 812 22		3.76	−3.00	−21.40	0.90	0.67	1.02	1.03	0.79	−18	+31	−24	−2	+1	−3	+4	−7	+10	−8	0	0.06
37180		07 38 21.59	+24 41 16.0	9.23		H	114.589 964 88	+24.687 781 72		−0.03	−5.75	−14.17	1.22	0.75	1.35	1.44	1.17	−35	+25	−16	−10	+7	−22	+2	−19	−6	−21	2	−1.36
37181		07 38 22.58	−27 52 07.7	9.85		G	114.594 078 65	−27.868 801 66		2.71	−5.21	5.91	0.79	0.97	1.36	0.95	1.10	−2	+9	−4	+20	+2	+3	−1	−15	+9	−11	0	0.73
37182		07 38 22.95	+36 41 41.9	10.16		G	114.595 626 41	+36.694 960 98		29.97	100.35	−874.83	16.06	15.07	12.71	15.78	17.51	−27	+32	+0	−71	+42	+13	+32	−88	−5	−52	12	
37183		07 38 23.44	−32 30 03.4	8.51		H	114.597 657 39	−32.500 932 24		14.68	−18.25	−10.96	0.59	0.73	0.88	0.73	0.79	+13	−1	−1	+11	−2	+10	−4	−23	−1	+7	1	1.82
37184		07 38 24.02	−39 59 31.1	6.61		H	114.600 099 72	−39.991 958 49		5.47	−12.21	1.58	0.42	0.46	0.55	0.44	0.52	−3	+15	−22	−1	+9	−7	+9	−8	+4	−8	0	0.73
37185		07 38 24.34	+04 02 40.8	8.94		H	114.601 417 28	+04.044 653 30		2.11	−3.05	−1.52	1.12	0.67	1.19	1.27	0.60	−23	+18	−21	−42	+5	−26	+7	−48	+18	−13	0	0.12
37186		07 38 24.64	−54 07 00.8	7.88		H	114.602 651 14	−54.116 875 98		2.25	−9.45	8.38	0.65	0.64	0.70	0.81	0.72	−5	+7	+11	−9	+7	−3	+5	−26	+13	−21	0	0.77
37187		07 38 24.92	−45 32 48.8	8.11		H	114.603 822 39	−45.546 875 40		5.04	−5.04	22.50	0.56	0.58	0.67	0.67	0.64	+4	+13	+18	+18	−7	+1	−7	+5	+2	−4	0	0.13
*37188		07 38 25.42	−32 45 37.3	8.16		H	114.605 937 09	−32.760 362 23		3.40	0.57	4.43	0.58	0.64	0.84	0.70	0.70	+0	+4	−4	+11	−7	+11	−8	−17	+1	−6	0	0.78
*37189		07 38 25.35	−73 10 20.0	8.63		H	114.605 628 43	−73.172 213 43		3.07	5.38	−1.78	0.70	0.63	0.73	0.68	0.66	+5	+32	+4	−12	−5	+2	−3	−9	+4	−5	0	0.76
37190		07 38 25.62	−21 49 31.6	8.38		H	114.606 734 64	−21.825 449 38		1.06	0.01	2.28	1.05	0.77	1.11	1.33	1.13	−23	+18	−9	−39	+18	−11	+10	−36	+1	−16	0	−1.11
37191		07 38 26.36	+25 04 33.8	9.09		H	114.609 841 96	+25.076 042 04		0.75	4.09	−9.03	1.19	0.72	1.36	1.46	1.24	−45	+27	−13	−6	+2	−26	−9	−10	−18	−32	0	0.47
37192		07 38 26.59	+45 11 39.7	9.20		H	114.610 772 93	+45.194 348 84		0.95	13.10	−4.99	1.65	1.17	1.74	2.19	1.58	+14	+26	−27	+23	−7	+11	+2	+11	+23	+28	0	0.84
37193		07 38 26.97	+51 52 32.3	8.13		G	114.612 362 88	+51.875 632 84		2.82	−13.74	−1.20	0.78	0.60	1.08	1.07	0.99	−17	+22	−10	−14	−17	+2	−20	−20	+7	−19	2	−1.26
37194	H	07 38 27.14	+28 19 02.0	9.02		H	114.613 077 74	+28.317 226 39	*	5.29	−18.34	−18.95	1.24	0.83	1.30	1.49	1.34	−28	−2	−18	−7	−33	−4	−40	+11	+34	−28	0	0.72
37195		07 38 28.17	+26 47 14.2	8.57		H	114.617 390 13	+26.787 281 31		2.32	−26.40	5.80	1.01	0.60	1.16	1.24	1.02	−37	+24	+1	+2	−11	−32	−16	−2	−6	−30	0	0.99
37196		07 38 28.82	+66 14 06.8	6.95		H	114.620 075 19	+66.235 230 77		2.68	6.44	−25.84	0.61	0.57	0.85	0.76	0.85	+23	+16	−1	+1	+4	+12	+12	−5	+30	+52	0	−0.41
37197	H	07 38 30.25	+33 42 41.3	7.78	2	G	114.626 042 70	+33.711 476 46	A	8.61	−37.29	22.01	1.77	1.33	1.77	2.03	1.55	−20	+17	−10	+3	+9	+4	+14	−8	+19	−9	0	1.00
37198	H	07 38 30.46	+00 30 18.1	7.09		H	114.626 901 49	+00.505 022 02	A	2.55	−2.63	−1.32	1.54	0.81	1.35	1.28	0.58	−36	−8	+3	−51	+18	−14	+11	−44	+6	−24	9	0.22
37199		07 38 31.79	−87 54 22.0	9.59		H	114.632 464 58	−87.906 110 61		0.22	0.72	6.40	0.95	0.90	1.04	1.27	1.14	−18	+4	−3	+25	−18	+9	−19	+0	+20	−31	0	0.33
37200		07 38 31.85	−62 25 00.9	8.55		H	114.632 714 43	−62.416 912 21		1.19	11.48	1.08	0.73	0.72	0.75	1.00	0.85	−5	+2	+13	+2	−7	+4	−12	−25	+7	−29	0	−1.50

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
37101	9.904	0.022	9.985	0.033		−0.020	0.020	G	0.00	0.02	H	9.9710	0.0029	0.025	145		9.92	10.01					1							G
37102	8.157	0.012	7.982	0.014	*	0.150	0.015	G	0.17	0.01	H *	8.0068	0.0012	0.013	53	–	7.98	8.03		D	07375+3852	I 2	2 C P C	AB	68	0.446	0.012	1.39	0.07	S G
37103	11.667	0.185	10.691	0.111	C						T	10.6086	0.0857	0.655	53	–	9.03	11.07		D	07375+3852	I 2	1 C F C							G
37104	9.305	0.016	7.385	0.007		1.594	0.014	T	1.61	0.01	L	7.3276	0.0014	0.013	121		7.31	7.35			07375−0202	I 1	1							
37105	9.824	0.034	9.422	0.035		0.380	0.045	T	0.44	0.05	L	9.5426	0.0035	0.022	45		9.50	9.58		C			1							
37106	8.319	0.016	8.354	0.021		−0.027	0.024	T	−0.01	0.02	L	8.3430	0.0011	0.010	46		8.32	8.37		D	07375+4437	I 1	1							S
37107	7.244	0.008	6.886	0.006		0.339	0.009	T	0.40	0.01	L	6.9287	0.0008	0.007	79		6.92	6.94		C			1							S
37108	7.618	0.010	7.761	0.014		−0.098	0.002	G	−0.08	0.00	H	7.7393	0.0021	0.015	52		7.71	7.76					1							S
37109	10.632	0.041	9.647	0.027		0.810	0.002	G	0.85	0.00	H	9.7748	0.0028	0.033	124		9.70	9.83					1							G
37110	9.163	0.013	7.929	0.008	*	1.054	0.012	T	1.02	0.01	L *	7.9585	0.0011	0.011	131	*	7.93	7.98		C	07375−5125	H 1	2 C D	AB	7	0.350	0.049	3.68	0.29	S D
37111	7.061	0.004	6.997	0.005		0.064	0.006	T	0.07	0.01	L	7.0239	0.0009	0.007	139		7.01	7.04		C			1							S
37112	11.091	0.048	9.080	0.016		1.703	0.042	T	2.63	0.05	O	8.8338	0.0025	0.022	119		8.80	8.87		U 2			1							
37113	7.973	0.010	8.088	0.013		−0.100	0.015	G	−0.08	0.02	H	8.0886	0.0019	0.021	117		8.04	8.11		U 2			1							
37114	10.991	0.051	10.430	0.048	*	0.530	0.052	T	0.60	0.06	L *	10.4772	0.0031	0.026	107	*	10.42	10.52		C	07376−7618	H 1	2 C S C	AB	248	0.136	0.017	0.46	0.88	G
37115	9.883	0.021	9.275	0.019		0.565	0.021	T	0.64	0.02	L	9.3396	0.0013	0.016	129		9.31	9.37		C			1							
37116	8.277	0.008	7.974	0.009		0.289	0.013	T	0.33	0.02	L	8.0390	0.0014	0.012	103		8.02	8.06		C			1							S
37117	9.065	0.013	7.512	0.007		1.304	0.012	T	1.26	0.01	L	7.5076	0.0012	0.011	118		7.49	7.52		C			1							S
37118	10.582	0.041	9.227	0.023		1.148	0.037	T	1.11	0.03	L	9.2066	0.0021	0.028	106		9.16	9.25					1							
37119	6.499	0.005	6.524	0.006		−0.018	0.007	T	0.00	0.01	L	6.5316	0.0010	0.008	129		6.52	6.55		C	07376−1426	I 1	1							S
37120	11.051	0.055	10.685	0.066		0.347	0.080	T	0.41	0.11	L	10.7290	0.0052	0.065	104		10.64	10.94		P 1 A			1 V							G
37121	8.318	0.011	7.086	0.007		1.052	0.010	T	1.02	0.01	L	7.1235	0.0008	0.007	82		7.11	7.14		D			1							S
37122	6.859	0.004	6.882	0.005		−0.016	0.006	T	0.01	0.01	L	6.8907	0.0008	0.007	93		6.88	6.90		C			1							S
37123	9.598	0.019	9.030	0.018		0.500	0.015	G	0.57	0.02	H	9.0873	0.0018	0.018	136		9.06	9.12		C			1							G
37124	10.053	0.040	9.606	0.042		0.422	0.053	T	0.49	0.06	L	9.6750	0.0022	0.017	37		9.64	9.70		D			1							
37125	8.840	0.020	8.415	0.020		0.381	0.001	G	0.45	0.00	H	8.4662	0.0021	0.015	47		8.44	8.49		D			1							S
37126	7.404	0.007	7.111	0.007		0.279	0.009	T	0.32	0.01	L	7.1605	0.0039	0.028	96		7.12	7.20	0.29	P 1 A			1							S
37127	8.051	0.008	6.703	0.004		1.134	0.004	G	1.08	0.04	E	6.7555	0.0009	0.009	138		6.74	6.77					1							S
37128	8.319	0.008	6.553	0.004		1.472	0.007	T	1.48	0.04	E	6.5113	0.0009	0.007	140		6.50	6.52		C			1							S
37129	10.087	0.026	8.604	0.014		1.249	0.023	T	1.21	0.02	L	8.6143	0.0015	0.013	98		8.59	8.63		C			1							
37130	8.723	0.010	8.733	0.013		−0.004	0.015	T	0.02	0.01	L	8.7462	0.0016	0.013	129		8.72	8.77		C			1							
37131	8.256	0.012	8.070	0.013		0.178	0.017	T	0.20	0.02	L	8.1140	0.0018	0.012	71		8.10	8.14		C			1							S
37132	9.370	0.012	9.307	0.016		0.057	0.018	T	0.07	0.01	L	9.3409	0.0012	0.017	142		9.31	9.37		D			1							G
37133	7.526	0.008	7.251	0.007		0.277	0.008	G	0.31	0.01	H	7.2784	0.0016	0.010	50		7.25	7.29		C			1							S
37134	8.234	0.008	7.911	0.009	A	0.324	0.400	G	0.32	0.04	L *	7.9174	0.0011	0.011	127	*	7.90	7.94		D	07378−0236	I 1	2 C A	AC	303	1.356	0.015	2.67	0.05	S D
37135	6.669	0.005	6.740	0.006		−0.066	0.002	G	−0.04	0.00	H	6.7431	0.0006	0.005	89		6.73	6.75		C			1							S
37136	6.749	0.005	6.783	0.006		−0.028	0.002	G	−0.01	0.00	H	6.7841	0.0006	0.005	87		6.77	6.80					1							S
37137	8.954	0.013	8.893	0.016		0.061	0.019	T	0.07	0.01	L	8.9316	0.0021	0.016	106		8.91	8.96		C			1							
37138	6.832	0.005	6.952	0.006		−0.104	0.007	T	−0.09	0.01	L	6.9410	0.0007	0.009	118		6.92	6.96		C			1							S
37139	11.625	0.090	9.529	0.024		1.101	0.150	G	1.72	0.09	S	9.4447	0.0026	0.026	105		9.39	9.48		R			1 S							
37140	6.196	0.003	5.935	0.002		0.221	0.013	G	0.16	0.03	C	5.9843	0.0006	0.006	137		5.97	5.99		C			1							S
37141	10.416	0.046	8.509	0.018		1.617	0.041	T	1.69	0.13	O	8.4391	0.0020	0.012	52		8.42	8.47		C			1							
37142	8.964	0.013	8.840	0.016		0.120	0.019	T	0.13	0.02	L	8.8608	0.0017	0.017	125		8.83	8.88		C			1							
37143	10.109	0.023	9.317	0.019		0.702	0.023	T	0.76	0.02	L	9.4234	0.0020	0.020	123		9.38	9.47		C			1							
37144	9.600	0.020	8.384	0.012		1.039	0.018	T	1.01	0.01	L	8.4631	0.0011	0.010	92		8.45	8.48					1							S
37145	7.150	0.005	6.749	0.005	*	0.392	0.006	T	0.46	0.01	L *	6.7923	0.0007	0.009	162	*	6.78	6.81		D	07380−3208	I 1	2 C S A	AB	161	0.176	0.014	1.73	0.31	S
37146	10.067	0.024	8.846	0.014		1.043	0.022	T	1.01	0.02	L	8.8788	0.0014	0.021	263		8.84	8.92					1							
37147	10.239	0.032	9.105	0.020		0.960	0.020	G	0.95	0.02	H	9.1453	0.0017	0.012	75		9.12	9.16		C			1							
37148	9.710	0.018	8.124	0.009		1.330	0.016	T	1.29	0.02	L	8.1310	0.0017	0.014	133		8.11	8.15					1							
37149						0.712	0.126	G	0.89	0.03	L	7.0733	0.0010	0.009	96		7.05	7.09					1							S
37150	7.908	0.008	7.426	0.006		0.454	0.009	T	0.52	0.01	L	7.4748	0.0009	0.012	102		7.46	7.50		C			1							S
37151	8.924	0.014	8.400	0.013		0.492	0.017	T	0.56	0.02	L	8.4525	0.0015	0.012	88		8.43	8.48		C			1							
37152	8.178	0.009	8.180	0.011		0.003	0.013	T	0.02	0.01	L	8.1844	0.0013	0.012	119		8.16	8.20		C			1							S
37153	9.343	0.024	7.394	0.010		1.652	0.021	T	2.37	0.06	O	7.2084	0.0075	0.051	45		7.14	7.28		U			1 S							S
37154	8.578	0.008	8.101	0.008		0.448	0.015	G	0.52	0.02	H	8.1590	0.0013	0.015	157		8.13	8.19		C			1							
37155	8.589	0.010	7.442	0.007		0.986	0.010	T	0.97	0.01	L	7.4885	0.0012	0.009	111		7.47	7.51		C			1							S
37156	10.068	0.025	9.051	0.017		0.887	0.023	T	0.89	0.02	L	9.1147	0.0013	0.016	115		9.09	9.15		C			1							
37157	10.390	0.032	9.184	0.018		1.032	0.029	T	1.00	0.02	L	9.2338	0.0019	0.019	121		9.21	9.27					1							
37158	7.553	0.006	7.222	0.006		0.314	0.008	T	0.36	0.01	L	7.2571	0.0010	0.010	163		7.24	7.27		C			1							S
37159	9.116	0.014	7.223	0.006		1.572	0.012	T	1.59	0.01	L	7.1470	0.0014	0.014	123		7.11	7.16		U			1							S
37160	10.609	0.048	9.364	0.027		1.062	0.043	T	1.03	0.04	L	9.4180	0.0026	0.015	78		9.39	9.45		C	07382+1751	I 1	1							
37161	7.790	0.007	7.749	0.008		0.037	0.009	T	0.05	0.01	L	7.7762	0.0010	0.011	151		7.75	7.79					1							S
37162	10.815	0.072	9.683	0.043		0.966	0.066	T	1.01	0.06	L	9.7823	0.0043	0.025	40		9.73	9.83					1							
37163	10.851	0.084	10.504	0.091		0.490	0.072	G	0.56	0.08	R	10.5240	0.0042	0.031	45		10.48	10.58		C			1							G
37164	7.834	0.009	7.411	0.008		0.413	0.010	T	0.48	0.01	L	7.4584	0.0008	0.008	110		7.45	7.47					1							S
37165	6.769	0.005	6.414	0.005		0.337	0.007	T	0.39	0.01	L	6.4555	0.0007	0.006	104		6.45	6.47		C			1							S
37166	9.403	0.017	8.500	0.013		0.787	0.017	T	0.82	0.01	L	8.5562	0.0018	0.014	102		8.53	8.58					1							
37167	7.942	0.008	7.865	0.010		0.069	0.012	T	0.08	0.01	L	7.8788	0.0009	0.010	134		7.86	7.90					1							S
37168	8.623	0.012	8.488	0.015		0.130	0.018	T	0.14	0.02	L	8.5362	0.0015	0.013	81		8.51	8.56		C			1							
37169	8.566	0.012	8.404	0.014		0.163	0.005	G	0.18	0.01	H	8.4562	0.0021	0.020	122		8.43	8.49					1							
37170	8.447	0.017	7.754	0.012		0.621	0.015	G	0.69	0.01	H	7.8293	0.0020	0.013	47		7.81	7.85		C			1							S
37171	9.330	0.013	8.500	0.010		0.737	0.002	G	0.78	0.00	H	8.5505	0.0016	0.021	218		8.52	8.59					1							
37172	8.658	0.019	8.006	0.017		0.601	0.015	G	0.67	0.01	H	8.0467	0.0025	0.011	50		8.02	8.07					1							S
37173	4.558	0.003	4.668	0.003		−0.100	0.003	G	−0.07	0.02	A	4.6539	0.0028	0.025	172		4.63	4.69	2.58	P 1 A	07383−2522	I 1	1 S							S
37174	6.498	0.013	5.751	0.008		0.683	0.012	T	0.74	0.01	L	5.7909	0.0145	0.077	99		5.70	5.87	5.69	P 1 A			1							S
37175	10.136	0.018	8.637	0.010		1.261	0.016	T	1.22	0.02	L	8.6820	0.0019	0.022	186		8.64	8.73		U			1							
37176	9.920	0.027	8.829	0.019		0.943	0.025	T	0.93	0.02	L	8.8976	0.0028	0.017	57		8.87	8.93		C			1							S
37177						1.330	0.015	G	1.54	0.02	I	11.3075	0.0072	0.034	46		11.24	11.36		C			1							G
37178	8.462	0.012	7.998	0.012		0.456	0.015	G	0.53	0.02	H	8.0526	0.0020	0.014	95		8.03	8.08					1							S
37179	8.478	0.014	6.973	0.008		1.266	0.013	T	1.22	0.01	L	7.0036	0.0015	0.008	61		6.99	7.01		C			1							S
37180	10.513	0.039	9.301	0.023		1.036	0.035	T	1.01	0.03	L	9.4000	0.0019	0.018	102		9.37	9.43		C			1							
37181	9.882	0.019	9.810	0.025		0.020	0.003	G	0.04	0.00	H	9.8514	0.0027	0.028	170		9.80	9.92					1 S							G
37182						0.860	0.015	G	0.87	0.01	H	10.2953	0.0036	0.020	29		10.24	10.35			07384+3642	I 1	1 X S							G
37183	9.090	0.011	8.554	0.011		0.510	0.012	T	0.58	0.01	L	8.6174	0.0018	0.020	151		8.59	8.66					1							
37184	6.552	0.004	6.602	0.005		−0.047	0.004	G	−0.03	0.00	H	6.5997	0.0006	0.006	121		6.59	6.61		C			1							S
37185	8.906	0.013	8.918	0.017		−0.006	0.020	T	0.01	0.02	L	8.9498	0.0018	0.013	82		8.93	8.98		C			1							
37186	10.105	0.028	8.077	0.011		1.717	0.025	T	2.08	0.07	O	7.9540	0.0024	0.018	105		7.93	7.98					1							
37187	8.537	0.010	8.150	0.010		0.355	0.001	G	0.42	0.00	H	8.1900	0.0015	0.011	115		8.17	8.21					1							S
37188	9.934	0.022	8.314	0.010		1.356	0.019	T	1.32	0.02	L	8.3141	0.0015	0.015	149		8.29	8.34		C			1							
37189	10.102	0.025	8.771	0.014		1.129	0.022	T	1.09	0.02	L	8.7958	0.0019	0.020	129		8.76	8.83					1							
37190	8.319	0.009	8.368	0.011		−0.040	0.013	T	−0.02	0.01	L	8.3716	0.0020	0.017	119		8.34	8.40					1 G							
37191	11.254	0.076	9.262	0.022		1.687	0.065	T	1.73	0.16	O	9.1897	0.0023	0.021	106		9.16	9.22					1							
37192	11.235	0.104	9.352	0.033		1.564	0.087	T	1.58	0.09	L	9.3172	0.0038	0.019	49		9.29	9.36		C			1							
37193	8.643	0.011	8.179	0.010		0.443	0.015	G	0.51	0.02	H	8.2388	0.0009	0.012	115		8.22	8.27		D			1							S
37194	9.513	0.027	9.040	0.026	*	0.446	0.034	T	0.52	0.04	L *	9.1155	0.0022	0.015	69	*	9.09	9.14		C	07385+2819	M 1	2 C S C	AS	284	0.155	0.023	0.53	1.12	
37195	9.926	0.025	8.695	0.015		1.051	0.023	T	1.02	0.02	L	8.7404	0.0018	0.013	106		8.72	8.77		C			1							
37196	8.649	0.011	7.082	0.006		1.315	0.010	T	1.28	0.01	L	7.1077	0.0012	0.012	101		7.09	7.13					1							S
37197	8.194	0.015	7.776	0.015	*	0.476	0.015	G	0.55	0.02	H *	7.8403	0.0073	0.029	49	*	7.81	7.89	0.14	P 1 A	07385+3343	I 1	2 C A	AB	352	3.186	0.005	1.40	0.02	S W
37198	7.086	0.009	7.155	0.009	A	0.400	0.495	G	−0.06	0.03	L *	7.0666	0.0010	0.008	86	*	7.05	7.08		D	07385+0030	I 1	2 C A	AB	220	1.550	0.006	2.07	0.05	S
37199	10.882	0.040	9.677	0.023		1.031	0.036	T	1.00	0.03	L	9.7531	0.0028	0.029	129		9.70	9.79		C			1							
37200	10.383	0.030	8.688	0.013		1.416	0.026	T	1.40	0.04	L	8.6955	0.0019	0.016	108		8.67	8.72		C			1							

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
37201		07 38 31.95	+28 18 35.2	9.07		H	114.633 143 96	+28.309 772 90		0.73	0.91	−4.46	1.38	0.89	1.41	1.68	1.50	−29	−4	−17	−9	−30	−3	−38	+8	+32	−31	0	1.34
37202		07 38 32.53	−38 46 53.0	6.20		H	114.635 525 37	−38.781 401 03		8.29	17.02	−35.32	0.44	0.43	0.55	0.50	0.48	+6	−5	−9	+9	−10	+25	−10	−7	+14	+0	1	−1.08
37203		07 38 32.67	+22 18 29.4	8.87		H	114.636 144 42	+22.308 156 51		2.15	4.01	−15.18	1.27	0.78	1.41	1.43	1.10	−50	+41	−30	+5	−10	−14	−9	+3	+11	−17	0	0.05
37204		07 38 32.84	+35 02 54.5	5.58		H	114.636 816 46	+35.048 484 03		10.65	37.26	27.28	0.87	0.63	0.97	1.10	0.82	−14	+30	−32	+17	−7	+6	−1	+4	+11	+0	0	1.22
37205		07 38 33.64	+73 35 45.4	7.58		H	114.640 173 72	+73.595 956 24		9.83	−32.52	−58.00	0.45	0.46	0.73	0.49	0.60	+13	+19	−5	+0	−1	+6	+1	−6	+0	+31	0	−0.15
37206		07 38 34.82	−54 38 12.3	7.99		H	114.645 082 17	−54.636 750 85		15.41	3.06	81.18	0.67	0.67	0.72	0.92	0.78	−11	+7	+19	−14	+13	+8	+10	−28	−1	−18	3	1.02
37207		07 38 35.24	−28 29 58.6	9.77	3	H	114.646 828 91	−28.499 616 54		1.49	−0.21	1.79	0.88	1.04	1.47	1.03	1.16	+11	+14	−3	+14	+1	+20	+0	−31	+27	+3	0	1.69
37208		07 38 35.54	−68 16 14.0	8.10		H	114.648 094 42	−68.270 543 06		6.17	−16.26	−13.08	0.57	0.54	0.59	0.69	0.65	−7	+20	+10	+3	−10	−13	−9	−2	+5	−28	1	0.06
37209		07 38 37.37	−56 13 45.7	6.79		H	114.655 701 14	−56.229 364 72		2.46	−3.72	11.56	0.50	0.54	0.56	0.62	0.64	−2	+15	−9	−5	−2	+1	−2	−29	+20	−12	0	−1.00
37210		07 38 37.42	+23 47 57.4	8.78		H	114.655 923 76	+23.799 271 65		2.49	−6.32	0.04	1.14	0.68	1.26	1.16	0.92	−35	+51	−20	+3	−10	−4	−6	−3	+9	−25	0	1.38
37211		07 38 37.95	+40 57 05.1	10.71		G	114.658 129 00	+40.951 403 57		19.40	16.88	−258.66	2.47	1.97	2.48	3.65	3.22	−23	−4	+3	+6	+39	+15	+39	−34	−32	−28	0	−0.76
37212		07 38 38.03	−60 37 46.1	7.64		H	114.658 456 62	−60.629 480 32		4.10	−6.73	30.79	0.57	0.51	0.57	0.63	0.58	−6	+15	+1	+18	−12	−1	−14	+2	+14	−27	0	−1.03
37213		07 38 39.12	−52 30 17.5	8.89		H	114.662 998 25	−52.504 848 37		3.44	2.86	−1.38	0.71	0.69	0.77	0.86	0.73	+9	+9	+18	−13	+1	+7	−1	−16	−4	−9	1	−1.08
37214		07 38 39.49	+21 39 57.4	9.59		G	114.664 534 21	+21.665 936 82		5.46	−9.27	−2.75	1.54	0.88	1.59	1.59	1.25	−23	+48	−15	−29	−10	−15	−19	−13	−8	−14	0	0.59
37215		07 38 39.71	−26 19 00.1	7.15		G	114.665 474 90	−26.316 697 42		3.38	−3.04	0.72	0.32	0.55	0.79	0.36	0.62	+30	+4	−3	+13	+2	+4	+1	−11	+14	+23	1	0.68
37216		07 38 40.14	+54 25 58.7	9.92		G	114.667 255 68	+54.432 977 84		17.56	−13.74	−262.16	1.23	1.00	1.70	1.93	1.60	−4	+14	−9	+4	−32	+22	−30	+8	+5	−13	0	−0.36
37217		07 38 40.67	−21 13 24.3	11.68		G	114.669 477 98	−21.223 423 85		92.15	454.24	−474.49	2.31	2.01	2.99	2.85	2.23	−15	+10	−4	−15	+20	−16	+19	−27	+3	−11	0	1.72
37218		07 38 42.61	−47 33 12.2	8.90		H	114.677 521 38	−47.553 377 37		6.94	31.88	−75.26	0.70	0.68	0.78	0.78	0.72	+0	+10	+0	−11	−1	−2	+0	−13	+6	−10	1	0.18
37219	H	07 38 42.95	−01 27 08.1	7.46		G	114.678 942 90	−01.452 263 38	A	1.01	−2.71	−4.67	1.90	1.17	1.92	2.22	1.09	−1	+4	−17	−24	−9	−14	−9	−30	+20	+16	1	1.05
37220	H	07 38 43.27	−04 59 28.9	8.01		G	114.680 303 08	−04.991 371 47	B	7.66	4.33	−19.87	2.30	1.76	1.51	1.89	0.97	+4	+34	−2	−29	+0	−11	+5	−24	+10	+12	1	−0.90
37221		07 38 43.39	+01 46 45.0	10.50		H	114.680 789 75	+01.779 156 00		0.84	−1.21	−3.34	1.98	1.12	2.11	2.01	1.02	−14	+37	−4	−37	+1	−24	+2	−46	+0	−10	0	0.15
37222		07 38 43.54	−43 35 40.9	8.98		H	114.681 398 70	−43.594 704 52		3.14	−5.20	5.90	0.64	0.70	0.78	0.64	0.76	+0	−3	+2	−3	−11	−1	−14	−12	+8	−12	0	0.12
37223		07 38 43.90	−36 29 48.6	5.78		H	114.682 934 52	−36.496 841 65		3.38	−6.84	4.84	0.38	0.41	0.53	0.42	0.44	+3	+11	−11	+19	−10	+6	−9	−9	+22	−5	0	0.79
37224		07 38 44.49	−31 43 52.0	8.28		H	114.685 369 13	−31.731 102 64		14.88	4.11	−34.39	0.72	0.94	1.16	0.85	0.95	+9	+8	−3	+2	+1	+8	−1	−32	+10	+1	0	
37225		07 38 45.16	−01 28 16.4	11.43		H	114.688 182 70	−01.471 212 38		14.30	−3.60	−2.53	4.33	2.39	4.71	5.52	2.45	−5	+17	−13	−34	−8	−15	−5	−39	+17	+11	0	−2.24
37226		07 38 45.74	−83 38 12.1	9.06		H	114.690 589 72	−83.636 707 13		2.60	−25.71	186.28	0.67	0.69	0.76	0.81	0.78	−13	+6	+20	+17	−11	+17	−16	+10	−14	−21	0	−0.01
37227	H	07 38 46.73	−35 48 10.5	8.17		G	114.694 715 14	−35.802 929 13	A	2.58	−0.05	5.74	0.93	1.00	1.14	0.93	0.95	−3	+11	+9	+32	+6	+20	+5	−11	+3	+0	2	−0.48
37228		07 38 47.00	−44 49 47.9	7.98		G	114.695 841 70	−44.829 980 23		2.31	−4.08	4.80	0.52	0.50	0.60	0.60	0.58	+9	−1	+10	+13	+2	−3	+1	+5	+0	+0	0	−0.59
*37229	H	07 38 49.88	−26 48 14.0	3.80	2	H	114.707 838 72	−26.803 892 40	A	7.18	−17.00	23.08	0.64	0.94	1.06	0.64	0.88	+23	+9	+9	−1	+19	−8	+15	−15	+3	+7	19	2.65
*37230		07 38 49.54	−15 05 02.1	8.36		H	114.706 411 56	−15.083 930 04		4.09	4.17	−34.35	0.72	0.67	1.19	0.93	0.71	+7	+18	+3	+4	+15	−18	+18	−21	−1	+33	0	0.24
37231		07 38 50.64	−79 25 17.1	8.96		H	114.711 011 26	−79.421 419 64		5.56	3.25	−20.60	0.74	0.74	0.81	0.75	0.90	−8	+15	+9	+11	−5	+17	−9	−8	+5	−18	0	0.99
37232		07 38 50.97	+07 58 00.1	7.13	1	H	114.712 356 31	+07.966 686 12		6.70	29.35	−48.40	0.84	0.51	0.88	0.83	0.43	−17	+34	−17	−24	+0	−13	+3	−48	+12	−22	0	−0.54
37233		07 38 51.20	−05 27 55.0	7.58		G	114.713 336 66	−05.465 268 00		18.51	228.48	−122.83	0.83	0.47	0.94	1.02	0.54	+21	+28	−19	−31	−14	−15	−11	−41	+12	+42	2	0.65
37234		07 38 51.71	−50 34 37.2	7.55		H	114.715 448 57	−50.577 007 10		4.85	−47.97	54.01	0.53	0.53	0.60	0.64	0.57	−2	+16	+5	+5	−8	+4	−7	+3	+2	−9	0	−0.33
37235		07 38 52.65	+42 27 29.6	7.53		H	114.719 369 90	+42.458 227 23		8.70	−2.40	−0.86	1.10	0.75	1.10	1.41	1.08	+15	+29	+3	+7	+4	−5	−1	−10	−15	+15	0	1.20
37236		07 38 52.84	+34 03 32.0	8.39		H	114.720 146 67	+34.058 877 85		1.14	4.37	−3.73	1.24	0.87	1.35	1.50	1.09	−16	+39	−25	+0	+12	+11	+13	−20	−5	+2	0	−1.29
37237		07 38 53.07	+47 04 26.0	8.52		H	114.721 114 29	+47.073 875 34		1.57	2.37	−2.67	1.36	0.89	1.40	1.47	1.09	−6	+48	−14	+0	+15	−2	+16	−9	+5	+3	4	0.83
37238		07 38 53.27	−22 56 55.2	10.19		H	114.721 975 98	−22.948 669 43		0.80	−5.29	2.90	1.10	1.07	1.60	1.27	1.18	−7	+26	−24	−11	+8	−15	+9	−33	+17	−3	0	1.90
37239		07 38 53.29	−04 47 38.6	8.33		H	114.722 035 61	−04.794 067 67		4.02	0.49	−5.14	0.87	0.46	0.99	1.03	0.55	+32	+36	−8	−25	−14	−16	−7	−34	+19	+37	2	1.09
37240		07 38 53.67	−51 04 58.3	8.23		H	114.723 612 41	−51.082 868 75		12.01	−12.86	−201.75	0.57	0.56	0.64	0.61	0.60	+4	+18	+22	−10	−2	−4	−2	−9	−2	−14	1	−1.15
37241		07 38 53.93	−40 48 20.6	8.49	2	H	114.724 726 69	−40.805 723 59		2.79	10.88	−14.82	0.57	0.65	0.75	0.56	0.73	−8	+8	−3	−7	+0	+14	+0	+5	−12	−15	0	−1.72
37242		07 38 55.30	+16 05 47.3	8.78		H	114.730 409 71	+16.096 467 73		0.18	4.38	−11.84	1.33	0.84	1.49	1.40	0.82	−50	+56	−45	−4	−9	−10	+0	−17	+13	−10	0	0.34
37243		07 38 56.78	−00 15 37.5	6.76	1	H	114.736 588 71	−00.260 421 23		1.39	−4.02	−8.17	0.84	0.49	0.96	1.06	0.42	−1	+30	−20	+1	−9	−4	+5	−48	+19	+23	2	2.31
37244	H	07 38 56.97	−20 16 11.1	7.27		H	114.737 380 94	−20.269 750 36	A	6.86	−30.07	21.89	1.32	1.18	1.53	1.32	1.12	−23	+9	−9	−11	+14	−7	+14	−26	+12	−16	3	1.42
37245		07 38 58.59	−52 57 43.3	8.51		H	114.744 138 86	−52.962 028 24		1.60	−8.21	7.54	0.69	0.61	0.72	0.69	0.65	+14	+25	+20	−17	−11	−5	−10	−10	−7	−12	0	−2.67
37246		07 38 59.09	+19 13 03.7	10.84		H	114.746 220 01	+19.217 689 09		21.66	52.90	−197.64	2.49	1.62	2.57	2.43	2.03	−53	+54	−27	−13	−5	−14	−6	−4	+6	−50	0	1.77
*37247		07 39 01.38	+88 27 49.8	9.97		H	114.755 766 93	+88.463 840 51		4.73	9.05	−16.11	0.92	0.98	1.05	1.04	1.09	+26	−5	−11	+25	+20	+8	+20	+31	+10	+36	2	−0.12
*37248		07 39 00.34	−53 16 24.2	6.06		H	114.751 397 82	−53.273 379 70		5.99	−17.58	9.42	0.47	0.42	0.49	0.49	0.45	+4	+10	+14	−5	−8	−2	−8	−3	−3	−13	0	0.42
*37249	H	07 39 00.61	+00 57 40.6	7.98		H	114.752 537 07	+00.961 277 21	A	4.44	−27.91	−1.10	4.00	2.26	3.52	3.78	1.69	−37	+29	−20	−59	+12	−4	+13	−47	+4	−9	2	−0.46
*37250		07 39 00.83	−41 32 08.2	8.72		H	114.753 462 14	−41.535 608 81		7.88	−9.46	6.34	0.60	0.67	0.75	0.64	0.80	+4	−1	+2	−9	−5	+3	−4	+16	−3	−3	0	−0.65
*37251	H	07 39 01.35	−29 59 30.5	8.92		H	114.755 616 72	−29.991 816 03	A	1.52	−6.78	0.73	4.72	3.49	1.89	1.29	1.38	−25	+5	+11	−2	−4	−14	−1	−31	−4	−21	1	1.94
37252		07 39 02.57	+75 47 11.5	7.76		H	114.760 691 80	+75.786 533 43		10.13	−34.22	−126.31	0.51	0.50	0.74	0.72	0.71	−3	+4	−1	+12	−7	−7	−8	−8	+4	−5	0	0.84
37253		07 39 02.60	+67 03 01.2	8.24		G	114.760 829 77	+67.050 347 12		1.78	−15.24	−33.06	0.61	0.65	1.08	0.70	0.87	+12	+13	+3	+11	+0	+13	+7	−4	+24	+39	0	−0.97
37254		07 39 03.33	+16 10 32.5	9.42		H	114.763 884 17	+16.175 681 19		1.62	−8.02	6.27	1.40	0.90	1.60	1.53	0.88	−47	+54	−48	−4	−16	−5	−6	−14	+13	−1	0	0.59
37255		07 39 03.42	−66 43 19.3	9.43		H	114.764 242 53	−66.722 014 07		4.22	−18.85	11.33	0.84	0.76	0.89	0.77	0.86	−6	+14	+13	−41	−5	−16	+7	+5	+7	−33	1	1.75
37256		07 39 04.39	+11 52 15.8	7.20		H	114.768 279 10	+11.871 067 81		0.93	−15.33	−6.99	0.84	0.50	0.91	0.86	0.47	−11	+25	−11	−25	−16	−14	−12	−32	+11	−16	0	1.67
37257		07 39 05.33	−63 25 50.1	8.08		H	114.772 205 58	−63.430 571 22		7.27	−11.42	−126.16	0.68	0.57	0.65	0.81	0.69	−6	+2	+2	−9	−6	−5	−5	−6	+8	−21	0	−0.14
37258		07 39 05.97	+08 55 34.4	7.19		H	114.774 885 80	+08.926 224 84		5.43	−28.67	11.65	0.92	0.52	0.97	0.85	0.46	−12	+48	−30	−37	−12	−24	−9	−36	+14	−12	0	−0.39
37259		07 39 06.17	+43 54 56.4	8.52		H	114.775 697 58	+43.915 669 40		3.90	10.04	−2.20	1.26	1.03	1.54	1.85	1.42	−17	+23	−23	+30	−26	+33	−12	+9	+23	+6	0	0.60
37260		07 39 06.67	−05 40 11.7	9.20		H	114.777 776 86	−05.669 921 12		2.05	−3.58	−0.70	1.17	0.67	1.36	1.70	0.84	+32	+12	−28	−23	−27	−5	−20	−44	+20	+59	1	0.60
37261		07 39 07.11	−18 40 42.3	6.72		H	114.779 606 98	−18.678 404 04		3.65	−14.65	4.98	0.48	0.48	0.74	0.51	0.49	−5	+19	−16	−23	+6	−13	+4	−29	+2	+4	0	−1.68
37262		07 39 07.18	−32 06 12.7	8.60		H	114.779 897 34	−32.103 517 80		6.90	−25.41	39.19	0.59	0.81	0.90	0.71	1.08	+8	−9	−5	−12	−4	+10	−3	−49	+4	+7	3	0.56
37263		07 39 09.11	−09 57 33.5	8.58		H	114.787 974 67	−09.959 299 43		3.02	−1.05	−4.97	0.68	0.58	1.17	0.77	0.60	−24	+9	−5	+13	+31	−21	+32	−25	−7	−13	1	1.24
37264		07 39 09.70	+07 49 51.4	7.96		H	114.790 402 93	+07.830 934 85		6.88	−6.76	7.47	0.89	0.57	0.94	0.94	0.51	−22	+31	−12	−21	−6	−18	−1	−36	+17	−37	0	−0.18
37265		07 39 09.96	+34 35 04.7	4.89		H	114.791 485 01	+34.584 632 87		20.62	−35.97	−118.03	0.92	0.61	0.96	1.01	0.81	−1	+42	−13	−2	−10	−1	−3	−1	+17	−2	0	−1.35
37266		07 39 10.10	+35 51 42.9	8.87		H	114.792 081 60	+35.861 906 93		3.12	−20.20	0.05	1.26	0.87	1.35	1.63	1.16	+12	+25	−14	+24	+12	−5	+17	+17	+21	+26	0	−0.31
37267		07 39 10.45	+29 54 33.9	10.92		G	114.793 545 17	+29.909 426 74		20.47	−168.89	−201.67	2.27	1.57	2.17	2.82	1.98	+23	+5	−20	−38	−33	+15	−31	−16	+10	+27	0	−0.87
37268		07 39 10.89	−29 28 30.7	7.97		H	114.795 381 70	−29.475 189 45		2.36	−6.38	3.90	0.49	0.64	0.87	0.59	0.67	+1	+6	−1	+10	−5	+5	−5	−16	+11	−5	0	1.06
37269		07 39 12.01	+24 13 21.1	6.18		H	114.800 031 43	+24.222 527 71		7.50	−2.26	0.18	0.81	0.45	0.88	0.76	0.65	−34	+58	−15	+6	−4	−8	−6	−4	+1	−38	0	−0.85
37270		07 39 12.24	−25 26 43.3	8.27		H	114.801 016 58	−25.445 356 46		1.36	−4.66	4.18	0.53	0.80	1.10	0.58	0.90	+3	+11	+9	+44	+3	+6	−1	−14	+4	−5	0	1.50
37271		07 39 12.47	+53 54 02.8	6.66		H	114.801 954 76	+53.900 790 86		8.90	−9.39	−80.14	0.56	0.48	0.78	0.78	0.70	−11	+22	−16	−3	−20	+13	−17	−5	+4	−9	2	0.22
37272		07 39 13.74	−29 31 40.7	11.18	2	H	114.807 229 30	−29.527 963 69		16.33	−58.50	64.82	2.41	2.93	4.15	2.89	2.92	+4	+11	−1	−5	+1	+4	−1	−33	+12	−6	1	
37273		07 39 14.95	+52 33 59.5	7.43		H	114.812 284 78	+52.566 534 14		2.57	−7.84	−62.80	0.78	0.54	1.03	1.13	0.92	+13	+21	+4	−21	−41	−8	−42	−12	+5	+2	0	−0.69
37274		07 39 15.26	+00 06 37.3	8.00		H	114.813 583 90	+00.110 372 86		4.51	−10.63	−3.52	0.99	0.53	1.17	1.00	0.43	−7	+48	−22	−8	−12	−11	+6	−49	+24	+16	0	0.91
37275		07 39 15.77	+53 17 15.1	9.07		H	114.815 718 79	+53.287 519 08		−0.26	4.10	5.49	1.01	0.75	1.30	1.38	1.13	+3	+20	−14	−24	−27	+3	−28	−15	+2	−1	0	0.25
37276		07 39 16.80	−49 03 05.1	6.97		H	114.820 011 87	−49.051 405 11	A	0.55	−5.38	3.53	1.22	1.15	1.01	1.28	1.23	+0	+12	+11	+19	−2	+2	−2	−18	+13	−7	1	0.52
37277		07 39 17.25	−49 02 51.0	9.94		H	114.821 892 61	−49.047 512 40	B	8.32	−1.12	24.38	35.31	39.17	10.89	24.99	26.49	−2	+6	+13	+30	−1	−4	−3	−13	+15	−11	1	0.52
37278		07 39 17.82	+20 08 54.7	7.27		H	114.824 256 46	+20.148 527 78		14.66	−18.75	3.63	0.87	0.58	0.99	0.99	0.79	−31	+43	−28	−13	−3	−29	−17	+10	−10	−11	2	0.81
37279		07 39 18.54	+05 13 39.0	0.40		G	114.827 241 94	+05.227 507 67	+	285.93	−716.57	−1034.58	0.82	0.50	0.88	0.88	0.38	+3	+21	−30	−19	−6	−22	−7	−55	+14	+9	0	1.94
37280	H	07 39 18.60	−08 40 54.0	8.88		H	114.827 508 20	−08.681 653 36	A	3.45	−3.26	−1.54	2.60	1.83	3.01	2.99	1.88	−22	−26	−13	+0	+38	−31	+41	−24	−27	−7	3	0.93
37281		07 39 19.59	−10 11 44.6	8.30		H	114.831 632 75	−10.195 733 38		3.34	−4.80	−4.47	0.64	0.53	1.01	0.74	0.53	−17	+4	−10	+9	+28	−26	+29	−29	−4	−5	0	0.36
37282		07 39 20.31	+14 27 47.9	8.46		H	114.834 632 81	+14.463 301 10		2.52	−18.20	4.92	1.03	0.70	1.09	1.16	0.73	−38	+36	−5	−20	+17	−13	+16	−44	+0	−39	0	0.32
37283		07 39 21.68	+50 31 43.3	6.89		H	114.840 337 01	+50.528 685 72		21.54	−79.58	−61.14	0.71	0.56	0.89	0.99	0.85	−35	+19	−12	+11	−19	+1	−13	−22	+12	−18	0	−0.34
37284		07 39 21.91	−78 16 44.0	9.37		G	114.841 293 42	−78.278 875 87		27.93	−20.65	−39.69	0.80	0.78	0.86	0.91	0.95	+1	+23	+8	+0	+1	−5	+0	−13	+7	−21	0	−1.16
37285		07 39 22.15	−18 14 48.6	9.74		H	114.842 297 35	−18.246 828 01		1.85	−1.11	−0.79	0.73	0.80	1.34	0.82	0.84	−13	+6	−8	−24	+6	−13	+5	−29	+13	−13	0	0.34
37286		07 39 22.61	−31 02 05.3	8.82		H	114.844 212 45	−31.034 801 34		1.98	5.42	−21.90	0.64	0.81	1.04	0.78	0.82	+10	+9	−6	+15	−9	+5	−9	−27	+11	+5	0	1.17
37287		07 39 22.95	+69 19 28.2	8.28		H	114.845 627 32	+69.324 500 49		1.74	−2.44	−3.49	0.39	0.59	0.93	0.47	0.76	+28	+6	−6	+14	−14	+4	−13	−31	+7	+30	0	−0.56
37288		07 39 23.12	+02 11 03.3	9.66		G	114.846 354 03	+02.184 262 28		67.27	−147.94	−246.63	1.45	0.75	1.51	1.49	0.70	−6	+42	−7	−31	−2	−21	−1	−44	+4	−2	0	−0.99
37289		07 39 24.20	−16 50 50.1	6.40		H	114.850 819 31	−16.847 254 74		4.89	0.13	−15.29	0.51	0.47	0.79	0.52	0.47	−5	+21	+1	−23	+12	−19	+14	−32	+2	+9	1	0.68
37290		07 39 24.85	−33 46 44.8	8.16		H	114.853 531 78	−33.779 114 24		2.95	−1.03	6.42	0.58	0.71	0.84	0.64	0.77	−1	−1	−5	+15	−8	−1	−11	−7	−14	−13	0	−1.20
37291		07 39 25.00	+38 47 42.5	8.68		H	114.854 155 98	+38.795 145 74		5.43	−13.63	−29.29	1.25	0.92	1.34	1.64	1.18	−3	+18	−19	+8	−5	+29	+0	+10	+4	+4	0	0.02
37292		07 39 25.82	+40 40 16.8	7.34		H	114.857 577 69	+40.671 344 54		3.06	−8.63	−2.62	1.09	0.90	1.24	1.64	1.39	−32	+19	+7	+0	+28	+41	+20	−37	−33	−43	0	−0.53
37293		07 39 26.98	−26 51 47.1	6.50		H	114.862 435 97	−26.863 094 74		3.98	−3.96	−3.19	0.30	0.47	0.69	0.34	0.50	+22	+7	+10	+6	+7	−3	+6	−7	+5	+15	1	−0.13
37294		07 39 27.05	−02 09 01.0	11.25	2	H	114.862 701 01	−02.150 264 50		−21.74	−91.04	16.22	26.17	15.18	29.49	33.96	13.73	+3	+17	−12	−6	−15	−3	−4	−46	+22	+17	0	
37295		07 39 27.23	+19 46 49.9	9.22		H	114.863 441 64	+19.780 516 03		4.46	0.69	−15.49	1.27	0.87	1.37	1.46	1.21	−36	+35	−8	+0	−20	−21	−22	+13	+3	−43	0	−0.52
37296	H	07 39 27.23	−11 33 50.3	7.32	2	H	114.863 477 38	−11.563 973 86	A	1.61	−3.79	0.19	1.81	1.61	1.59	1.54	1.00	−8	+12	−12	−1	+20	−30	+8	−22	+13	−12	7	0.51
37297		07 39 27.35	−38 18 29.0	4.84		H	114.863 974 92	−38.308 060 20		5.68	−21.35	16.03	0.37	0.38	0.46	0.41	0.42	+4	−1	−13	+1	−11	+5	−10	+4	+7	−6	0	−1.51
37298		07 39 27.58	+20 50 26.3	8.95		H	114.864 897 66	+20.840 640 21		3.20	18.54	−12.12	1.23	0.79	1.36	1.51	1.14	−31	+31	−20	−19	−3	−18	−7	−9	+4	−22	0	−0.31
37299		07 39 27.70	+47 58 16.1	8.43		H	114.865 417 33	+47.971 125 26		18.02	−166.31	−128.70	1.04	0.79	1.15	1.39	1.01	−1	+32	−30	+24	+18	−12	+20	+6	+14	+19	0	1.48
37300		07 39 28.59	+17 40 28.3	5.04	1	H	114.869 129 74	+17.674 515 51		6.13	2.26	1.34	0.70	0.46	0.76	0.71	0.53	−28	+37	−23	−5	−20	−18	−22	+2	+9	−39	0	0.04

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
37201	11.018	0.076	9.180	0.027		1.529	0.064	T	1.57	0.14	L	9.1897	0.0019	0.019	67		9.16	9.23		C			1							
37202	7.500	0.006	6.307	0.004		1.015	0.002	G	0.99	0.04	E	6.3649	0.0006	0.006	129		6.35	6.37		C			1							S
37203	11.046	0.073	9.042	0.022		1.697	0.063	T	1.77	0.16	O	8.9653	0.0027	0.016	73		8.94	9.00					1							
37204	6.747	0.008	5.684	0.004		0.921	0.007	T	0.92	0.01	L	5.7407	0.0007	0.007	46		5.73	5.76			07386+3503	I 1	1							S
37205	8.136	0.007	7.634	0.007		0.472	0.009	T	0.54	0.01	L	7.6854	0.0010	0.010	159		7.67	7.70		C			1							S
37206	8.595	0.012	8.042	0.011		0.516	0.015	G	0.59	0.02	H	8.0979	0.0014	0.012	94		8.07	8.12		C			1							S
37207	10.900	0.055	9.804	0.031		0.947	0.048	T	0.94	0.04	L	9.9301	0.0564	0.493	162		9.11	10.41	23.16	P 1 A			1							G
37208	8.276	0.008	8.126	0.009		0.136	0.011	T	0.15	0.01	L	8.1459	0.0013	0.013	119		8.13	8.18		C			1							S
37209	8.891	0.012	6.981	0.005		1.586	0.010	T	1.61	0.01	L	6.9027	0.0013	0.011	109		6.88	6.92					1							S
37210	10.096	0.028	8.871	0.017		1.047	0.026	T	1.02	0.02	L	8.9499	0.0020	0.016	91		8.91	8.97					1							
37211	12.184	0.252	10.900	0.121		1.123	0.020	G	1.21	0.03	I	10.8672	0.0054	0.037	42		10.82	10.92		C			1	S						G
37212	7.684	0.006	7.629	0.008		0.050	0.009	T	0.06	0.01	L	7.6611	0.0013	0.011	120		7.64	7.68					1							S
37213	10.096	0.022	8.971	0.015		0.969	0.021	T	0.95	0.02	L	9.0570	0.0018	0.019	130		9.03	9.09		C			1							
37214	9.951	0.036	9.605	0.042		0.318	0.018	G	0.37	0.02	H	9.6639	0.0026	0.017	69		9.63	9.69		C			1	S						
37215	7.002	0.003	7.116	0.004		−0.108	0.003	G	−0.09	0.00	H	7.1162	0.0010	0.012	272		7.10	7.14					1							S
37216	11.062	0.051	10.007	0.032		0.883	0.020	G	0.93	0.02	H	10.0770	0.0025	0.026	106		10.04	10.12		C			1							
37217						1.588	0.005	G	2.57	0.01	I	11.7529	0.0064	0.062	93		11.65	11.84					1							D
37218	9.519	0.018	8.970	0.017		0.520	0.018	T	0.59	0.02	L	9.0175	0.0017	0.014	104		8.99	9.04		C			1							
37219	7.921	0.010	7.561	0.010	*	0.349	0.015	G	0.41	0.02	H *	7.5398	0.0010	0.008	89	*	7.53	7.56		D	07387−0128	I 2	2 C	A	AB	185	0.636	0.002	0.66	0.01	S
37220	8.437	0.009	8.051	0.009	*	0.389	0.015	G	0.45	0.02	H *	8.0835	0.0010	0.010	121	*	8.07	8.10		D	07387−0500	I 1	2 C	A	BA	355	0.338	0.002	0.36	0.02	S
37221	11.029	0.058	10.551	0.061		0.450	0.077	T	0.52	0.08	L	10.5971	0.0041	0.033	102		10.54	10.67					1							G
37222	8.926	0.011	8.974	0.015		−0.019	0.001	G	0.00	0.00	H	8.9798	0.0024	0.021	136		8.95	9.02					1							
37223	5.584	0.002	5.754	0.003		−0.148	0.003	T	−0.15	0.00	L	5.7336	0.0006	0.006	135		5.72	5.74		C			1							S
37224	8.946	0.011	8.349	0.010		0.569	0.015	G	0.64	0.01	H	8.3988	0.0017	0.017	157		8.37	8.43					1 X							
37225											T	11.5598	0.0113	0.068	80		11.43	11.71			07387−0128	I 2	1							G
37226	9.992	0.023	9.186	0.018		0.729	0.022	T	0.78	0.02	L	9.2052	0.0023	0.017	117		9.17	9.25					1							
37227	9.360	0.023	8.179	0.015	A	0.961	0.150	G	0.97	0.01	L *	8.2288	0.0016	0.015	134	*	8.20	8.26			07388−3548	I 1	2 C	C	AB	148	8.581	0.051	4.10	0.36	
37228	7.944	0.008	7.950	0.009		0.003	0.002	G	0.02	0.00	H	7.9763	0.0013	0.012	135		7.95	7.99		C			1							S
37229	3.608	0.001	3.771	0.001	*	−0.159	0.007	G	−0.15	0.02	A *	3.7439	0.0008	0.012	265	*	3.73	3.81		U 2	07388−2648	I 1	2 C	A	AB	318	9.913	0.003	0.21	0.01	S
37230	10.179	0.025	8.518	0.012		1.389	0.022	T	1.36	0.03	L	8.5079	0.0017	0.014	123		8.48	8.54		C			1							
37231	9.575	0.017	9.003	0.016		0.535	0.021	T	0.61	0.02	L	9.0782	0.0018	0.017	108		9.04	9.12		C			1							
37232	7.440	0.007	7.183	0.008		0.245	0.010	T	0.27	0.01	L	7.1991	0.0035	0.027	88		7.16	7.23	6.46	P 1 A			1							S
37233	8.318	0.012	7.656	0.009		0.604	0.010	G	0.67	0.01	H	7.7100	0.0008	0.010	126		7.69	7.73		C			1							S
37234	8.869	0.012	7.679	0.008		1.019	0.011	T	0.99	0.01	L	7.7219	0.0010	0.012	123		7.70	7.74					1							
37235	8.032	0.012	7.579	0.013		0.470	0.015	G	0.54	0.02	H	7.6341	0.0012	0.009	44		7.62	7.65		C	07389+4228	I 1	1							S
37236	10.307	0.041	8.533	0.018		1.478	0.035	T	1.49	0.05	L	8.5259	0.0029	0.019	53		8.50	8.55					1							
37237	10.784	0.061	8.730	0.020		1.738	0.053	T	2.27	0.11	O	8.5748	0.0055	0.032	48		8.53	8.63					1							
37238	10.327	0.034	10.263	0.050		0.140	0.015	G	0.15	0.01	H	10.2419	0.0033	0.026	107		10.20	10.30		C			1							G
37239	8.297	0.009	8.320	0.011		−0.016	0.013	T	0.01	0.01	L	8.3306	0.0011	0.010	135		8.31	8.35		C			1							
37240	8.795	0.012	8.283	0.011		0.486	0.016	G	0.56	0.02	H	8.3377	0.0011	0.014	121		8.31	8.36					1							
37241	8.979	0.013	8.530	0.012		0.437	0.014	T	0.51	0.01	L	8.5874	0.0023	0.023	116		8.55	8.63		U 2			1							
37242	10.858	0.066	8.961	0.021		1.609	0.057	T	1.68	0.15	O	8.8926	0.0016	0.015	70		8.86	8.92		C			1							
37243	8.968	0.012	6.949	0.005		1.710	0.011	T	1.94	0.04	O	6.8486	0.0021	0.019	94		6.83	6.88		U 2			1							S
37244	7.594	0.007	7.271	0.008	*	0.307	0.010	T	0.35	0.01	L *	7.3440	0.0016	0.016	132	*	7.32	7.38		D	07389−2016	I 1	2 C	A	AB	334	2.942	0.004	0.53	0.01	S
37245	8.454	0.010	8.494	0.012		−0.034	0.014	T	−0.01	0.01	L	8.5106	0.0018	0.016	114		8.48	8.54					1							
37246						1.596	0.197	G	2.59	0.45	I	10.8377	0.0046	0.032	72		10.78	10.88		C			1							G
37247	10.589	0.034	10.005	0.032		0.545	0.041	T	0.62	0.04	L	10.0878	0.0032	0.025	136		10.05	10.13					1							G
37248	5.906	0.003	6.032	0.003		−0.118	0.004	G	−0.10	0.01	H	6.0205	0.0007	0.006	111		6.01	6.03		C	07390−5316	I 1	1							S
37249	9.377	0.023	8.158	0.014	A						T *	8.1368	0.0019	0.013	87	*	8.12	8.16			07390+0058	I 1	2 C	B	AB	5	1.305	0.036	2.30	0.16	S
37250	9.138	0.013	8.749	0.013		0.380	0.016	T	0.44	0.02	L	8.8048	0.0017	0.016	131		8.77	8.84		C			1							
37251	10.489	0.028	9.069	0.014	*	1.199	0.024	T	1.16	0.02	L *	9.0881	0.0020	0.026	170	*	9.04	9.13			07390−3000	H 1	2 C	A	AB	116	0.337	0.036	2.63	0.30	
37252	8.335	0.009	7.819	0.007		0.485	0.010	T	0.56	0.01	L	7.8633	0.0012	0.013	161		7.84	7.89					1							S
37253	8.626	0.010	8.274	0.011		0.349	0.015	G	0.41	0.02	H	8.3277	0.0014	0.018	161		8.30	8.35					1							S
37254	9.653	0.024	9.438	0.028		0.205	0.035	T	0.23	0.04	L	9.4897	0.0018	0.017	71		9.46	9.52		C			1							
37255	10.015	0.024	9.474	0.023		0.507	0.030	T	0.58	0.03	L	9.5348	0.0023	0.019	98		9.49	9.57		C			1							
37256	9.198	0.016	7.347	0.008		1.539	0.014	T	1.59	0.03	L	7.3139	0.0008	0.009	76		7.30	7.33		C			1							S
37257	9.402	0.017	8.194	0.011		1.033	0.016	T	1.01	0.01	L	8.2443	0.0012	0.012	111		8.22	8.27					1							
37258	8.487	0.011	7.317	0.009		1.004	0.011	T	0.98	0.01	L	7.3591	0.0009	0.010	88		7.35	7.38		C			1							S
37259	10.324	0.044	8.655	0.021		1.395	0.038	T	1.37	0.05	L	8.6661	0.0022	0.017	51		8.63	8.70		D			1							
37260	9.161	0.014	9.209	0.019		−0.039	0.021	T	−0.02	0.02	L	9.1926	0.0017	0.017	124		9.17	9.22		C			1							
37261	6.622	0.004	6.707	0.005		−0.073	0.006	T	−0.05	0.01	L	6.7012	0.0007	0.008	134		6.69	6.71		C			1							S
37262	9.265	0.014	8.666	0.012		0.559	0.016	T	0.63	0.01	L	8.7246	0.0017	0.016	164		8.70	8.76					1 G							
37263	8.613	0.010	8.578	0.012		0.037	0.014	T	0.05	0.01	L	8.5971	0.0015	0.017	133		8.57	8.63			07392−0958	I 1	1							
37264	8.223	0.009	7.985	0.013		0.227	0.015	T	0.25	0.02	L	8.0309	0.0012	0.010	91		8.01	8.05		C			1							S
37265	5.392	0.004	4.939	0.003		0.413	0.008	G	0.47	0.03	C	4.9874	0.0011	0.005	42		4.98	5.00		C			1							S
37266	10.167	0.038	8.995	0.024		1.005	0.035	T	0.98	0.03	L	9.0359	0.0029	0.016	49		9.01	9.07		C			1							
37267						1.277	0.022	G	1.24	0.02	H	11.0478	0.0060	0.032	49		11.00	11.10		C			1							G
37268	7.936	0.006	7.967	0.009		−0.026	0.009	T	0.00	0.01	L	7.9735	0.0015	0.017	172		7.95	8.00					1							S
37269	6.213	0.004	6.183	0.004		0.028	0.005	T	0.04	0.00	L	6.1978	0.0007	0.006	95		6.19	6.21		C			1							S
37270	8.149	0.009	8.249	0.011		−0.086	0.013	T	−0.07	0.01	L	8.2488	0.0013	0.016	177		8.22	8.28					1							
37271	6.761	0.004	6.672	0.004		0.087	0.005	T	0.10	0.01	L	6.6924	0.0008	0.008	124		6.68	6.71		C			1							S
37272						1.680	0.143	G	2.81	0.43	I	11.1369	0.0062	0.067	162		11.01	11.22		U 2			1 X							G D
37273	8.960	0.012	7.547	0.007		1.190	0.015	G	1.15	0.01	H	7.5924	0.0010	0.011	126		7.58	7.61		C			1							S
37274	8.101	0.008	8.004	0.009		0.095	0.011	T	0.11	0.01	L	8.0400	0.0010	0.012	95		8.02	8.06					1							S
37275	10.716	0.042	9.194	0.019		1.279	0.036	T	1.24	0.04	L	9.2309	0.0028	0.022	123		9.20	9.27		C			1							
37276	6.830	0.006	6.936	0.008	A	−0.092	0.009	T	−0.07	0.01	L	6.9417	0.0055	0.012	98	A	6.93	6.96		D	07393−4903	I 2	1 C	P A						S
37277	9.988	0.033	9.758	0.038	B	0.219	0.047	T	0.24	0.05	L	10.1123	0.0946			B				D	07393−4903	I 2	1 C	I A						
37278	7.733	0.009	7.314	0.008		0.412	0.015	G	0.48	0.02	H	7.3604	0.0010	0.009	76		7.35	7.38		C			1							S
37279						0.432	0.015	G	0.49	0.02	A	0.4607	0.0017	0.007	20		0.45	0.52			07393+0514	I 1	1 O							S D
37280	8.896	0.018	8.657	0.020	*	0.228	0.025	T	0.25	0.03	L *	8.9556	0.0014	0.016	111	*	8.93	8.98		D	07393−0841	I 1	2 C	A	AB	317	2.420	0.005	0.09	0.02	
37281	8.324	0.009	8.307	0.011		0.020	0.013	T	0.04	0.01	L	8.3097	0.0012	0.013	126		8.29	8.34		C			1							
37282	10.126	0.032	8.578	0.016		1.300	0.028	T	1.26	0.03	L	8.6201	0.0020	0.012	71		8.60	8.64		C			1							
37283	7.430	0.005	6.953	0.006		0.473	0.004	G	0.54	0.00	H	7.0000	0.0014	0.012	123		6.98	7.02					1							S
37284	10.681	0.034	9.510	0.021		1.006	0.015	G	1.06	0.02	I	9.5006	0.0018	0.018	116		9.47	9.54					1							
37285	9.718	0.020	9.749	0.029		−0.010	0.015	G	0.01	0.01	H	9.7457	0.0016	0.018	129		9.71	9.78					1							G
37286	10.325	0.026	8.937	0.014		1.174	0.023	T	1.14	0.02	L	8.9889	0.0020	0.022	156		8.95	9.02					1							
37287	9.484	0.010	8.365	0.007		0.964	0.010	T	0.95	0.01	L	8.4395	0.0010	0.016	289		8.41	8.47					1							
37288	11.461	0.084	9.792	0.031		1.379	0.031	G	1.81	0.02	A	9.6979	0.0024	0.019	112		9.66	9.73		C			1							G
37289	8.321	0.009	6.557	0.004		1.470	0.008	T	1.48	0.01	L	6.5324	0.0008	0.010	149		6.52	6.55					1							S
37290	10.042	0.022	8.305	0.010		1.449	0.019	T	1.45	0.03	L	8.2958	0.0016	0.018	146		8.27	8.33		R			1							
37291	9.281	0.024	8.746	0.023		0.502	0.030	T	0.57	0.03	L	8.7948	0.0026	0.017	50		8.77	8.83		C			1							
37292	8.361	0.013	7.433	0.009		0.821	0.012	T	0.84	0.01	L	7.4955	0.0013	0.007	47		7.48	7.51		D			1							S
37293	6.368	0.003	6.478	0.003		−0.094	0.004	T	−0.08	0.01	L	6.4723	0.0005	0.008	268		6.46	6.49					1							S
37294						2.575	0.400	G	2.57	0.41	J	11.2575	0.0145	0.128	101		11.12	11.49		U 2			1 X							G G
37295	9.782	0.025	9.254	0.024		0.495	0.031	T	0.57	0.03	L	9.3294	0.0027	0.019	78		9.29	9.37					1							
37296	7.225	0.008	7.322	0.009	*	−0.070	0.015	G	−0.05	0.01	H *	7.3072	0.0103	0.093	146	*	7.25	7.70	5.52	P 1 A	07395−1134	H 1	2 C	C	AB	264	0.371	0.041	3.41	0.22	S
37297	4.611	0.002	4.808	0.003		−0.189	0.010	G	−0.17	0.02	A	4.7771	0.0006	0.005	129		4.77	4.79		C			1							S
37298	10.328	0.037	9.039	0.021		1.096	0.033	T	1.06	0.03	L	9.1167	0.0021	0.017	73		9.09	9.15		C			1							
37299	9.042	0.020	8.361	0.018		0.000	0.020	G	0.02	0.02	H	8.4426	0.0014	0.015	54		8.41	8.48		D			1	S						S
37300	7.127	0.007	5.222	0.004		1.616	0.007	T	1.72	0.03	O	5.1487	0.0013	0.010	81		5.13	5.16		U 2			1							S

Number HIP		Descriptor: epoch J1991.25 RA (h m s)	Dec (±° ′ ″)	V (mag)			Position: epoch J1991.25 α (ICRS) deg	δ deg		Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ mas/yr	Standard Errors α* mas	δ mas	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ mas/yr	Astrometric Correlations (%) δ/α*	π/α*	π/δ	$\mu_{\alpha*}$/α*	$\mu_{\alpha*}$/δ	$\mu_{\alpha*}$/π	μ_δ/α*	μ_δ/δ	μ_δ/π	μ_δ/$\mu_{\alpha*}$	Soln F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
37301		07 39 28.77	+44 49 33.0	9.22		H	114.869 876 58	+44.825 842 75		4.57	−9.27	−32.86	1.43	1.03	1.59	2.21	1.54	+14	+20	−27	+19	−4	+7	+5	+6	+26	+40	0	0.18
37302		07 39 29.29	−24 13 47.5	8.08		H	114.872 058 38	−24.229 852 08		1.87	1.59	0.92	0.64	0.75	0.96	0.82	0.83	−2	+9	−25	−17	+5	−5	+4	−36	+6	−1	0	2.00
37303		07 39 29.57	−38 51 50.4	8.02		H	114.873 199 63	−38.864 011 78		3.18	−11.57	28.33	0.61	0.65	0.84	0.74	0.75	+0	−16	−7	+0	−4	+27	−5	−5	+11	−9	1	−2.70
37304		07 39 29.85	−26 55 08.4	6.78		H	114.874 387 79	−26.918 986 50		5.09	−4.98	−1.13	0.32	0.50	0.73	0.37	0.53	+19	+2	−2	+10	+6	−2	+5	−7	+7	+11	2	1.46
37305	H	07 39 30.24	−55 48 17.4	9.60		H	114.875 980 44	−55.804 832 47	*	−1.08	−7.01	8.85	0.94	0.98	1.05	1.33	1.16	+3	+17	+9	+13	+5	+24	−3	−34	+10	−14	0	−0.76
37306		07 39 31.42	−47 32 53.6	8.08		H	114.880 899 41	−47.548 213 37		2.88	−9.65	6.10	0.59	0.59	0.68	0.64	0.62	+0	−2	+14	−9	−3	+7	−4	−12	−3	−11	0	0.65
37307	H	07 39 31.61	−70 26 44.2	8.82		H	114.881 698 31	−70.445 606 04	A	1.07	−4.95	10.43	1.91	1.95	1.67	1.82	1.84	−11	+10	−1	−1	−15	+21	−11	+7	+0	−31	2	0.21
37308	H	07 39 34.95	−16 01 37.9	8.52		H	114.895 606 07	−16.027 195 69	*	10.07	−54.93	2.60	1.63	1.99	1.52	1.25	0.94	+10	+7	−16	−16	+6	−29	+6	−31	+4	+20	3	−0.73
37309		07 39 35.32	−26 28 27.6	8.54		H	114.897 163 08	−26.474 327 57		13.85	−23.34	13.06	0.45	0.72	1.01	0.50	0.80	+20	+3	+6	+19	+0	−1	−2	−14	+5	+11	0	0.17
*37310		07 39 35.50	−13 53 08.0	7.48		H	114.897 897 16	−13.885 550 97		1.44	−1.66	−0.71	0.71	0.54	0.91	0.87	0.57	−8	+27	−9	+6	+35	−5	+37	−23	+14	+17	3	0.71
*37311		07 39 35.47	+84 11 50.6	7.58	1	H	114.897 773 72	+84.197 387 78		1.70	−5.40	−1.99	0.57	0.62	0.73	0.70	0.75	+15	+18	+16	+17	+9	+18	+10	−21	−7	+27	0	−0.79
37312		07 39 35.91	+33 27 47.1	11.85		G	114.899 616 82	+33.463 094 00		28.48	−160.89	−176.92	3.27	2.52	3.59	3.77	3.10	−29	+28	−30	−16	+3	+7	+4	−21	−1	−27	3	−1.07
37313		07 39 37.85	−17 52 17.5	7.60		H	114.907 724 47	−17.871 536 91		6.26	−6.71	−14.13	0.52	0.55	0.97	0.58	0.60	−9	+13	−16	−19	+5	−5	+8	−30	+27	−2	3	1.20
37314		07 39 37.90	−29 00 55.7	9.62		H	114.907 934 80	−29.015 469 74		6.81	−34.65	−1.34	0.86	0.94	1.41	0.97	0.95	−4	+8	−9	+38	−2	+21	−8	−22	+6	−16	1	1.40
37315		07 39 39.07	−29 11 27.5	7.21	1	H	114.912 778 09	−29.190 978 74		2.43	6.09	23.97	0.44	0.59	0.79	0.52	0.64	+0	+0	+3	+18	+3	+15	−2	−19	+7	−9	1	1.01
37316		07 39 40.28	+45 40 17.7	8.69		H	114.917 850 86	+45.671 593 47		11.19	16.05	−71.51	1.30	0.92	1.25	1.53	1.15	+23	+33	−7	+36	+27	−10	+25	+24	+3	+22	0	−0.08
37317		07 39 40.74	−35 41 30.6	7.88		H	114.919 752 70	−35.691 841 41		3.42	3.84	−25.70	0.54	0.59	0.73	0.59	0.68	+4	+10	−8	+30	−6	+14	−3	−1	+3	+10	1	−1.77
37318	H	07 39 41.87	−43 16 46.7	7.16		G	114.924 445 26	−43.279 641 70	A	2.16	−6.83	10.46	0.89	0.94	0.89	0.75	0.80	−3	−1	+7	−14	−7	+17	−8	−19	+2	−11	1	0.13
37319		07 39 42.15	−74 52 20.8	8.61		H	114.925 622 73	−74.872 436 93		3.61	−38.74	−14.31	0.61	0.60	0.65	0.64	0.73	+7	+20	+9	−1	−10	+2	−15	−11	−10	−13	0	0.86
37320		07 39 42.33	−34 21 44.1	7.79		H	114.926 378 32	−34.362 241 74		3.60	−8.66	15.12	0.50	0.60	0.74	0.53	0.63	−2	+14	−7	+0	−10	+4	−11	−7	−6	−9	0	0.08
37321		07 39 43.26	−15 49 40.2	7.38	2	H	114.930 244 60	−15.827 836 37		4.42	2.09	2.05	0.64	0.55	0.91	0.69	0.54	−9	+20	+1	+2	+26	−3	+32	−23	+12	+17	0	−0.15
37322	H	07 39 43.83	−38 08 21.6	5.73		G	114.932 622 85	−38.139 328 10	A	5.33	−22.54	16.90	0.50	0.48	0.53	0.50	0.49	−10	+14	+0	−32	+0	−17	−4	−18	+14	−12	6	−0.05
37323	H	07 39 44.39	+01 17 09.1	8.55		H	114.934 943 89	+01.285 873 20	A	9.80	−26.74	−5.61	3.30	1.80	2.23	2.54	1.07	+5	+10	−10	−38	−7	−8	−4	−49	+7	+6	1	1.17
37324		07 39 44.97	−47 03 27.9	8.36		H	114.937 369 48	−47.057 746 86		2.84	−0.08	−8.38	0.58	0.57	0.68	0.67	0.60	+5	+4	+22	−1	−8	+12	−11	−5	+3	−10	0	0.19
37325		07 39 44.99	−40 16 33.9	8.52		H	114.937 468 81	−40.276 083 15		2.08	−7.66	5.09	0.58	0.65	0.76	0.61	0.76	−6	+20	−9	+4	+6	−6	+3	−8	−3	−15	0	−0.66
37326		07 39 45.37	+32 21 52.8	10.64		H	114.939 047 62	+32.364 657 22		3.92	1.14	−16.46	1.62	1.28	1.85	1.74	1.46	−37	+39	−30	−4	+4	−18	+1	−2	+8	−33	0	−0.66
37327		07 39 45.74	−12 30 44.6	8.30		G	114.940 571 64	−12.512 395 96		14.47	−45.22	−156.17	0.67	0.51	1.05	0.84	0.57	−24	+10	−13	−6	+23	−19	+26	−26	+7	+6	0	−0.43
37328		07 39 46.70	+07 50 28.8	8.01		H	114.944 572 28	+07.841 331 10		2.30	−5.60	5.63	0.97	0.55	1.00	1.04	0.54	−13	+42	−9	−10	+0	+1	−3	−39	−3	−22	0	−1.38
37329		07 39 47.88	−38 15 38.4	5.76		H	114.949 510 52	−38.260 675 63		2.92	−10.37	9.71	0.40	0.39	0.49	0.46	0.44	+4	+3	−6	−15	−9	−2	−8	−9	+0	−7	0	−0.96
37330		07 39 48.08	−43 52 20.6	8.79		G	114.950 333 00	−43.872 377 53		4.73	−6.43	−2.58	0.59	0.58	0.70	0.65	0.68	+1	+14	+2	+12	−5	+4	−6	−4	+2	−6	0	−0.13
37331		07 39 48.49	−72 34 55.5	8.13		H	114.952 029 53	−72.582 097 09		5.47	−64.78	74.40	0.60	0.57	0.68	0.56	0.58	+10	+31	+21	−34	+1	−13	+4	+5	−2	+4	0	0.11
37332		07 39 48.87	−06 14 39.4	7.83		H	114.953 617 88	−06.244 285 87	A	10.45	−77.00	6.90	1.97	1.15	1.61	2.37	1.00	+18	−9	−13	−5	+1	−10	−3	−41	+15	+24	11	1.98
37333		07 39 49.08	−06 14 54.8	9.98		H	114.954 500 84	−06.248 565 66	B	13.71	−94.08	9.42	24.85	12.39	15.13	22.53	8.27	+7	−14	−8	+14	−2	−7	−4	−31	+20	+13	11	1.98
37334		07 39 49.34	−32 34 42.2	7.63	2	H	114.955 581 27	−32.578 378 40		0.63	−3.35	1.86	0.49	0.59	0.75	0.56	0.67	+9	+6	+2	+15	+2	+16	+1	+1	+5	+6	0	1.71
37335		07 39 50.00	−01 31 18.2	9.23		G	114.958 345 83	−01.521 732 56		3.53	186.20	−243.91	1.29	0.71	1.46	1.78	0.62	+3	+17	−1	−4	−14	−23	−2	−48	+5	+23	1	−0.19
37336		07 39 52.71	−38 32 53.9	7.95		G	114.969 623 94	−38.548 310 67		2.13	−7.39	5.32	0.55	0.55	0.70	0.62	0.67	+7	−12	−5	−2	−11	+8	−13	+3	+17	−3	0	0.67
37337		07 39 53.44	+26 43 18.8	8.66		H	114.972 664 34	+26.721 895 30		10.42	35.09	−61.01	1.09	0.59	1.31	1.58	1.05	−33	+6	+9	+13	−19	−48	−18	+4	−1	−8	0	0.30
37338		07 39 53.46	+08 37 04.3	8.84		H	114.972 757 00	+08.617 874 12		2.15	−6.19	5.09	1.24	0.73	1.32	1.21	0.64	−18	+36	−33	−36	−9	−19	−5	−39	+20	−24	4	0.38
37339		07 39 54.10	+32 00 35.4	6.16		H	114.975 407 02	+32.009 824 11		11.86	−15.06	−39.74	0.79	0.56	0.88	0.85	0.69	−20	+42	−20	+3	+8	−22	−3	+5	−14	−16	3	0.82
37340		07 39 54.19	−61 41 25.6	8.94		H	114.975 804 36	−61.690 433 18		1.09	−12.08	−14.87	0.77	0.80	0.83	0.83	0.98	−2	−17	−9	+7	−14	+4	−24	−26	+26	−19	0	−0.36
37341		07 39 54.24	−25 50 45.6	8.04	1	H	114.975 999 30	−25.845 997 75		−0.37	−5.20	3.88	0.51	0.69	1.02	0.54	0.87	+9	+16	+3	+48	+2	+8	−7	−16	−2	−5	2	0.09
37342		07 39 54.53	−23 16 58.5	7.61		H	114.977 187 75	−23.282 920 68		5.26	−7.42	−14.90	0.67	0.64	0.97	0.77	0.71	+7	+19	−19	−2	+0	−13	+0	−11	+18	+2	3	−1.32
37343		07 39 54.73	−45 58 10.6	7.40	2	H	114.978 053 67	−45.969 617 97		1.79	8.48	−6.24	0.54	0.52	0.62	0.64	0.54	+10	+20	+22	+12	−14	−3	−12	−3	+5	−4	0	0.76
37344		07 39 55.39	+43 19 27.2	9.28		H	114.980 798 73	+43.324 219 37		3.16	1.42	−36.95	1.50	1.27	2.06	2.25	1.69	−8	+31	−54	+2	−27	+37	+7	−39	+39	+44	0	0.33
37345		07 39 57.99	−37 34 45.9	5.99	1	H	114.991 632 31	−37.579 412 74		2.41	−1.41	−3.89	0.37	0.40	0.49	0.40	0.46	+5	+7	−8	+3	−5	−4	−5	+0	+10	−10	0	−0.33
37346		07 39 58.61	+59 33 47.9	7.23		H	114.994 204 56	+59.563 298 67		4.22	−3.66	1.70	0.55	0.43	0.79	0.61	0.61	+2	+21	−16	+36	+16	−6	+9	−8	+5	−18	0	−0.47
37347		07 39 58.63	+54 27 12.6	8.26		H	114.994 285 57	+54.453 507 81		3.78	7.73	−7.77	0.79	0.67	1.14	1.16	1.06	−11	+16	−9	−3	−16	+21	−17	−11	−13	−17	0	−1.11
37348		07 39 58.90	−37 22 28.6	8.48		G	114.995 406 80	−37.374 607 92		1.66	−6.67	3.00	0.52	0.64	0.74	0.56	0.68	−6	+3	+8	+7	−5	−6	−5	+0	+11	−20	0	−0.50
37349		07 39 59.29	−03 35 48.6	7.18	1	H	114.997 031 27	−03.596 831 58		70.44	69.66	−277.94	0.81	0.43	0.94	1.04	0.42	+21	+25	−17	−9	−14	−3	−3	−48	+30	+35	1	0.96
37350		07 39 59.48	−01 52 28.4	7.60		G	114.997 833 17	−01.874 565 26		2.50	−5.16	3.70	0.83	0.46	0.91	1.03	0.38	+4	+29	−7	+7	−8	−8	+5	−52	+14	+22	1	−1.58
37351		07 40 00.56	+09 05 40.3	8.17		H	115.002 339 75	+09.094 534 61		3.56	3.92	−1.93	1.03	0.57	1.12	0.96	0.51	−18	+51	−31	−37	−10	−31	−5	−33	+22	−20	0	0.95
37352		07 40 01.05	+02 06 01.1	9.00		H	115.004 390 30	+02.100 299 31		2.61	−1.89	3.10	1.16	0.66	1.21	1.21	0.60	+4	+36	−2	−29	−9	−23	−9	−44	+1	−4	0	−0.19
37353		07 40 01.07	+66 03 01.3	8.95		H	115.004 472 34	+66.050 350 16		7.54	−11.19	−25.12	1.01	0.94	1.44	1.14	1.28	+19	+27	+14	−11	−5	+13	+2	−10	+30	+37	0	−0.02
37354		07 40 01.61	−24 43 20.0	7.56	2	H	115.006 712 00	−24.722 234 86		2.15	−5.35	2.44	0.65	0.73	1.01	0.91	0.86	+1	+3	−6	−29	+0	+1	+0	−23	+3	+3	0	−0.36
37355		07 40 02.20	+11 05 21.6	7.40		H	115.009 179 18	+11.089 336 90		3.63	−30.54	14.03	0.89	0.54	0.90	0.89	0.50	+9	+22	−12	−32	−27	−16	−24	−33	+12	−12	0	2.09
37356		07 40 03.87	−82 34 53.9	7.28		H	115.016 120 87	−82.581 627 78		6.41	−20.87	32.22	0.51	0.49	0.55	0.60	0.55	−10	+13	+11	+7	−7	−5	−6	+11	−4	−24	0	0.13
37357		07 40 04.39	−30 10 08.7	7.11	1	H	115.018 303 36	−30.169 075 48		0.93	−6.63	4.55	0.44	0.54	0.75	0.51	0.60	+8	−2	+6	+5	−11	−5	−11	−16	+1	+4	0	−0.16
37358		07 40 06.41	−59 13 47.1	8.69		H	115.026 710 27	−59.229 759 55		10.01	−6.06	−9.22	0.71	0.66	0.71	0.77	0.78	−22	−2	+7	+16	−10	−9	−10	+9	+1	−28	0	0.47
37359		07 40 06.97	−16 33 31.8	8.95		H	115.029 031 42	−16.558 838 02		4.87	−10.36	9.50	0.80	0.73	1.19	0.81	0.71	−13	+17	−7	−33	+11	−22	+12	−33	+12	−5	1	0.14
37360		07 40 07.91	−44 25 50.7	7.52		G	115.032 966 71	−44.430 747 71		13.85	59.33	95.54	0.50	0.51	0.60	0.54	0.60	+3	+5	+10	+6	+0	+1	−2	−5	−12	−6	0	2.00
37361		07 40 08.38	−17 10 28.9	8.96		H	115.034 911 25	−17.174 705 43		0.82	−15.23	6.15	0.72	0.73	1.19	0.78	0.78	−7	+12	−9	−33	+4	−10	+5	−36	+17	−6	0	0.30
37362		07 40 09.59	+57 15 43.8	8.00		H	115.039 973 96	+57.262 155 77		4.37	−6.95	−28.35	0.68	0.50	0.92	0.95	0.89	+12	+14	+1	−9	−13	−1	−20	−23	+4	−16	0	−2.27
37363		07 40 10.01	−45 20 57.6	7.29		G	115.041 707 69	−45.349 328 77		3.30	−3.65	18.91	0.52	0.51	0.61	0.61	0.54	+4	+11	+11	+17	−11	+8	−13	+0	+0	−5	0	0.90
37364		07 40 13.53	−19 39 39.2	5.92		G	115.056 380 28	−19.660 890 28		4.53	−3.67	11.85	0.46	0.44	0.71	0.56	0.49	−2	+23	−12	+6	+4	−11	+5	−16	+7	+5	0	−0.59
37365		07 40 13.60	+41 09 48.5	6.83		G	115.056 649 83	+41.163 483 37		8.19	−4.78	4.99	0.90	0.64	0.90	1.17	0.92	+9	+21	−8	+30	+24	−9	+22	+5	−11	+16	0	0.35
37366		07 40 13.78	−12 04 49.3	7.93	1	H	115.057 406 84	−12.080 362 83		2.85	−13.17	−8.86	0.56	0.42	0.93	0.75	0.51	−20	+8	−14	+1	+20	−34	+20	−14	+7	+1	0	−0.14
37367		07 40 13.84	+79 34 00.1	8.30		H	115.057 678 34	+79.566 700 74		1.82	4.71	−12.06	0.65	0.66	0.88	0.71	0.79	+5	+27	+13	+14	−2	+14	−3	−15	+0	+8	0	−1.16
37368	H	07 40 14.00	+42 06 16.0	8.47		H	115.058 340 74	+42.104 443 96	A	10.13	−26.13	−43.56	2.01	1.34	1.91	2.37	1.78	+0	+37	−20	+0	+2	−17	−5	−10	−16	+21	0	0.16
37369		07 40 14.72	+38 20 40.4	5.77	1	H	115.061 343 04	+38.344 566 71		4.00	−40.19	−11.53	0.91	0.64	1.01	1.46	0.89	+12	+6	−30	+5	−8	+37	+2	+8	+19	+39	0	1.44
37370		07 40 15.32	+06 46 38.6	8.20	2	H	115.063 836 17	+06.777 397 12		0.40	1.25	−5.65	1.19	0.62	1.07	1.22	0.56	−11	+28	−26	−56	−3	−15	+2	−51	+18	−19	0	1.90
37371		07 40 18.37	−26 35 25.4	7.82	1	G	115.076 533 46	−26.590 392 24		9.94	−33.85	18.86	0.38	0.60	0.90	0.42	0.72	+19	+2	−3	+14	+7	+0	+6	+4	+0	+14	1	1.73
37372		07 40 19.51	−78 23 15.3	6.64		H	115.081 289 58	−78.387 570 67		11.15	−50.49	76.47	0.49	0.44	0.51	0.56	0.52	−4	+25	+11	+3	−6	−5	−4	+1	+9	−31	0	0.66
37373		07 40 19.96	−39 25 15.2	6.66		H	115.083 179 27	−39.420 886 94		6.53	−10.06	−68.29	0.44	0.48	0.56	0.49	0.58	+7	+3	−14	+11	+2	+0	+0	−10	−2	−4	1	−0.76
37374		07 40 20.42	+39 47 56.1	8.52		H	115.085 090 35	+39.798 923 00		10.94	−17.77	0.05	1.63	1.34	1.62	1.98	1.90	−48	+42	−12	−21	+45	+11	+44	−58	−3	−43	0	0.75
37375		07 40 21.02	−11 45 09.1	6.43		H	115.087 580 62	−11.752 517 94		6.06	−8.32	−14.00	0.66	0.42	0.89	0.85	0.69	+4	+27	−2	+6	+13	−24	+12	−34	+10	+8	1	−0.02
37376		07 40 21.23	+12 07 21.2	9.77		G	115.088 458 87	+12.122 556 94		18.56	−287.08	57.05	1.38	0.82	1.47	1.38	0.83	−23	+43	−26	−33	−10	−21	−2	−30	+25	−31	0	−2.07
37377		07 40 21.29	−64 29 00.6	8.66		H	115.088 706 69	−64.483 511 62		4.15	−32.19	65.87	0.72	0.72	0.77	0.81	0.78	+1	+7	+20	+1	−7	−7	−7	−14	−4	−10	0	−0.74
37378		07 40 21.75	−77 57 16.7	8.27		H	115.090 614 64	−77.954 627 84		2.47	1.98	−1.92	0.66	0.58	0.67	0.73	0.71	−7	+18	+0	+8	−4	+3	−4	+0	+10	−19	0	−0.87
37379		07 40 23.21	−15 15 49.9	4.98		H	115.096 716 85	−15.263 852 08		4.82	−2.27	−28.04	0.54	0.41	0.74	0.62	0.44	+11	+18	+0	+2	+22	−10	+26	−14	+5	+44	1	−1.14
37380		07 40 23.60	−20 07 44.3	9.48		G	115.098 326 60	−20.128 958 77		1.69	−8.82	4.38	0.80	0.88	1.28	0.84	0.95	−9	+18	−16	−25	+11	−14	+10	−24	+0	+2	0	2.28
37381		07 40 23.98	+19 21 27.6	8.64		G	115.099 903 90	+19.357 674 37		4.71	−45.03	−55.48	1.17	0.79	1.25	1.31	1.04	−36	+36	−16	+2	−17	−9	−16	+9	+6	−44	0	0.98
37382		07 40 24.97	−22 02 45.6	7.05		H	115.104 037 30	−22.046 012 95		6.43	−27.36	31.42	0.63	0.58	0.89	0.81	0.67	−5	−1	−18	−22	+6	−14	+3	−26	+16	−22	0	0.78
37383		07 40 25.63	+47 33 04.6	8.10		H	115.106 775 01	+47.551 276 67		1.55	0.83	−15.66	1.25	0.79	1.22	1.43	1.02	+10	+39	−9	−5	+5	−10	+6	−5	+5	+9	0	0.85
37384		07 40 26.02	−68 16 06.3	9.03		H	115.108 437 16	−68.268 411 99		2.01	−6.69	10.28	0.77	0.77	0.79	0.93	0.99	−18	+18	−1	+8	−19	−2	−16	+20	+8	−32	0	−0.40
37385		07 40 26.27	−30 04 47.1	6.95		H	115.109 446 29	−30.079 762 26		4.65	−18.43	18.53	0.40	0.52	0.71	0.45	0.54	+9	+1	+9	+5	−15	−9	−15	−19	−5	+4	0	−0.50
37386		07 40 27.95	+59 05 52.1	8.07		H	115.116 458 35	+59.097 800 49		2.39	−10.04	−4.21	0.71	0.55	1.00	0.83	0.87	+5	+14	+7	+45	+14	−11	+8	+2	+22	−29	1	−1.06
37387		07 40 28.91	+18 35 23.5	8.90		H	115.120 442 73	+18.589 850 23		0.63	2.44	0.92	1.35	0.87	1.41	1.33	1.02	−42	+46	−31	−24	−6	−13	−8	−10	+8	−44	0	2.34
37388		07 40 29.02	−30 02 58.1	7.80	1	H	115.120 931 54	−30.049 470 16		1.67	−5.94	5.14	0.48	0.61	0.86	0.55	0.65	+5	−5	+9	+4	−10	+1	−11	−19	+2	+1	0	0.20
37389		07 40 30.21	−28 13 09.4	7.83		H	115.125 872 09	−28.219 267 89		2.68	−8.22	13.99	0.52	0.72	1.04	0.63	0.80	+6	+0	+1	+23	+2	+25	−7	−23	+3	−13	0	0.25
37390		07 40 30.55	−33 25 35.5	7.32		H	115.127 292 78	−33.426 517 09		17.38	−52.89	139.84	0.49	0.55	0.71	0.52	0.61	+5	−8	−5	+14	−9	+10	−10	+2	+1	−5	1	−0.97
37391		07 40 31.09	+87 01 12.6	5.05	2	H	115.129 547 87	+87.020 156 34		6.53	−53.48	−26.85	0.42	0.42	0.50	0.49	0.48	−1	+14	−12	+8	−3	+1	−2	+12	+7	+13	0	0.25
37392		07 40 31.87	+70 17 50.1	8.44		H	115.132 795 73	+70.297 248 96		4.40	4.65	3.45	0.51	0.68	1.07	0.60	0.93	+28	+7	−20	−1	−13	+8	−11	−18	+7	+36	0	−1.30
37393		07 40 32.05	+71 40 28.7	9.30		H	115.133 521 04	+71.674 636 53		4.48	−11.66	−19.55	0.58	0.75	1.15	0.65	1.07	+21	+5	−1	+3	−19	+12	−20	−21	+9	+32	1	1.42
37394		07 40 35.51	−08 11 07.3	6.01		G	115.147 965 01	−08.185 358 24		10.51	21.28	−29.37	0.71	0.43	0.80	0.93	0.43	+12	−2	−9	−4	+15	−20	+14	−37	−6	+28	0	1.49
37395		07 40 35.72	+53 52 57.5	11.83	2	G	115.148 839 47	+53.882 634 42		6.54	−192.32	−150.85	2.55	1.92	3.31	3.53	3.01	−12	+19	−8	−2	−26	+5	−29	+2	−5	−23	2	1.31
37396		07 40 40.89	−55 39 05.6	7.68		H	115.170 370 99	−55.651 554 05		2.36	1.97	−3.13	0.59	0.55	0.61	0.78	0.66	−4	+15	−2	+5	−2	+19	−4	−32	+9	−16	0	0.38
37397		07 40 41.07	+34 41 47.0	8.35		H	115.171 122 84	+34.696 393 34		8.88	−27.89	−37.75	1.27	0.84	1.44	1.41	1.01	−12	+45	−37	+7	+0	−2	+3	+2	+10	+16	3	0.06
37398		07 40 41.48	+06 37 27.3	8.53		H	115.172 831 55	+06.624 256 89		1.16	4.16	0.55	1.21	0.60	1.16	1.31	0.58	−21	+31	−25	−46	+2	−20	+5	−43	+19	−21	0	0.69
37399		07 40 43.40	−27 56 43.3	6.76		H	115.180 824 54	−27.945 367 10		1.00	−7.33	4.85	0.38	0.54	0.78	0.46	0.65	+14	−4	−5	+21	−1	+24	−4	−13	+8	+4	0	−0.24
37400	H	07 40 45.30	+23 14 47.5	8.39		H	115.188 729 69	+23.246 515 07	A	2.95	27.81	5.05	1.78	1.10	1.79	1.97	1.33	−41	+14	−22	+2	−8	+24	+1	−15	+5	−1	1	0.09

No.	Tycho Magnitudes					Colour Indices					Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
37301	9.740	0.031	9.255	0.031		0.456	0.040	T	0.53	0.04	L	9.3262	0.0032	0.020	55		9.30	9.35		C			1							
37302	9.549	0.017	8.224	0.010		1.125	0.015	T	1.09	0.02	L	8.2513	0.0012	0.015	121		8.22	8.27		D			1							
37303	9.755	0.023	8.181	0.012		1.400	0.015	G	1.25	0.02	L	8.1780	0.0012	0.013	109		8.16	8.20		C			1							
37304	6.618	0.003	6.759	0.004		−0.121	0.004	T	−0.11	0.01	L	6.7400	0.0009	0.012	258		6.72	6.76			07395−2655	I 1	1 S						S
37305	11.516	0.087	9.723	0.029	*	0.701	0.126	G	1.85	0.13	S *	9.6925	0.0048	0.036	112	*	9.64	9.75		R	07395−5548	H 1	2 C S C	AB	211	0.176	0.117	2.06	1.64	
37306	8.239	0.009	8.097	0.011		0.129	0.013	T	0.14	0.01	L	8.1324	0.0017	0.014	109		8.11	8.15					1							S
37307	8.976	0.013	9.041	0.018	A	−0.100	0.495	G	−0.01	0.10	L *	8.8212	0.0021	0.022	115	*	8.79	8.86		D	07395−7027	I 1	2 C A	AB	245	1.256	0.007	0.53	0.03	
37308	9.113	0.013	8.586	0.013	*	0.503	0.014	T	0.58	0.01	L *	8.6347	0.0017	0.016	107	*	8.61	8.66		D	07396−1602	I 1	2 C A	AB	247	0.269	0.008	1.12	0.10	
37309	9.393	0.012	8.613	0.009		0.693	0.011	T	0.75	0.01	L	8.6807	0.0015	0.023	280		8.64	8.72					1							
37310	9.508	0.017	7.627	0.008		1.563	0.015	T	1.58	0.01	L	7.6011	0.0010	0.011	115		7.59	7.62					1							
37311	9.729	0.022	7.790	0.009		1.609	0.019	T	1.63	0.02	L	7.6940	0.0025	0.018	122		7.67	7.73		U			1							S
37312						1.450	0.015	G	1.81	0.07	I	11.8822	0.0104	0.048	47		11.75	12.00					1							G
37313	7.751	0.007	7.619	0.009		0.127	0.011	T	0.14	0.01	L	7.6506	0.0010	0.012	136		7.63	7.67					1							S
37314	10.191	0.025	9.680	0.025		0.490	0.027	T	0.56	0.03	L	9.7224	0.0028	0.034	167		9.66	9.79					1							G
37315	8.850	0.009	7.328	0.005		1.279	0.008	T	1.24	0.01	L	7.3679	0.0011	0.014	174		7.34	7.39		M			1							S
37316	9.313	0.024	8.734	0.022		0.541	0.029	T	0.61	0.03	L	8.8120	0.0018	0.020	53		8.78	8.86					1							S
37317	8.250	0.010	7.902	0.010		0.330	0.013	T	0.38	0.02	L	7.9629	0.0016	0.017	127		7.93	8.00					1							S
37318	7.198	0.007	7.210	0.007	*	0.012	0.003	G	0.03	0.00	H *	7.1751	0.0010	0.009	138	*	7.16	7.19		D	07397−4317	I 1	2 C A	AB	43	0.722	0.002	0.72	0.01	S
37319	9.602	0.017	8.696	0.013		0.804	0.016	T	0.83	0.01	L	8.7584	0.0018	0.014	126		8.74	8.78					1							
37320	9.261	0.014	7.913	0.008		1.143	0.013	T	1.11	0.01	L	7.9619	0.0013	0.014	143		7.94	7.99					1							
37321	9.649	0.019	7.575	0.008		1.755	0.017	T	2.17	0.05	O	7.4412	0.0037	0.034	113		7.40	7.49		U 2			1							S
37322	5.591	0.003	5.732	0.004	A	−0.125	0.007	G	−0.12	0.01	L *	5.6938	0.0006	0.006	135	*	5.68	5.70		D	07397−3808	I 1	2 C A	AB	150	1.283	0.010	2.99	0.04	S
37323	9.176	0.014	8.617	0.013	*	0.523	0.017	T	0.60	0.02	L *	8.6642	0.0019	0.015	97	*	8.64	8.69		D	07397+0117	I 1	2 C A	AS	266	0.433	0.009	1.36	0.06	
37324	8.319	0.008	8.367	0.010		−0.025	0.015	G	0.00	0.01	H	8.3647	0.0015	0.014	124		8.34	8.39		C			1							
37325	8.662	0.011	8.543	0.012		0.115	0.015	T	0.13	0.01	L	8.5680	0.0016	0.014	117		8.55	8.59		C			1							
37326	11.219	0.105	10.662	0.100		0.551	0.107	G	0.62	0.10	R	10.7543	0.0040	0.025	53		10.71	10.79		C			1							G
37327	9.088	0.012	8.392	0.011		0.638	0.008	G	0.70	0.01	H	8.4280	0.0011	0.013	152		8.41	8.46					1							
37328	9.789	0.022	8.152	0.011		1.370	0.019	T	1.34	0.02	L	8.1562	0.0012	0.010	94		8.14	8.18		C			1							
37329	5.661	0.002	5.744	0.003		−0.071	0.003	T	−0.05	0.00	L	5.7412	0.0004	0.005	134		5.73	5.75		C			1							S
37330	9.127	0.014	8.787	0.015		0.245	0.001	G	0.27	0.00	H	8.8672	0.0016	0.014	127		8.84	8.89					1							
37331	9.630	0.029	8.281	0.017		1.143	0.026	T	1.11	0.02	L	8.2970	0.0020	0.014	108		8.27	8.32					1							
37332	8.622	0.010	7.878	0.008	A	0.681	0.010	T	0.74	0.01	L	7.9697	0.0063	0.027	133	A	7.93	8.02		D	07398−0615	I 2	1 C P A							S
37333	10.806	0.055	10.006	0.042	B	0.724	0.053	T	0.78	0.04	L	10.1531	0.0383			B				D	07398−0615	I 2	1 C I A							
37334	8.232	0.008	7.705	0.008		0.542	0.008	G	0.62	0.01	H	7.7514	0.0022	0.030	160		7.70	7.79		U 2			1							S
37335	10.239	0.035	9.345	0.025		0.820	0.002	G	0.84	0.00	H	9.3833	0.0020	0.018	115		9.35	9.42					1							
37336	7.891	0.008	7.940	0.011		−0.039	0.007	G	−0.02	0.01	H	7.9446	0.0012	0.012	125		7.92	7.96					1							S
37337	9.519	0.019	8.727	0.016		0.718	0.019	T	0.77	0.01	L	8.8052	0.0016	0.014	123		8.78	8.83		C	07399+2643	I 1	1							
37338	9.938	0.026	8.927	0.018		0.882	0.024	T	0.89	0.02	L	8.9941	0.0027	0.015	87		8.97	9.01					1 S							
37339	6.601	0.007	6.206	0.005		0.374	0.008	T	0.44	0.01	L	6.2447	0.0010	0.006	49		6.23	6.25		C			1							S
37340	10.402	0.032	9.089	0.018		1.115	0.029	T	1.08	0.03	L	9.1133	0.0016	0.017	108		9.08	9.15		C			1							
37341	9.727	0.017	8.160	0.009		1.315	0.015	T	1.28	0.02	L	8.1960	0.0013	0.018	216		8.17	8.22		M			1							
37342	8.793	0.011	7.702	0.008		0.943	0.010	T	0.93	0.01	L	7.7710	0.0014	0.017	119		7.74	7.80					1							
37343	9.656	0.020	7.601	0.008		1.739	0.018	T	2.16	0.05	O	7.4664	0.0031	0.039	116		7.40	7.52		U 2			1							S P
37344	9.952	0.041	9.371	0.037		0.543	0.049	T	0.62	0.04	L	9.4024	0.0026	0.011	42		9.38	9.43					1							
37345	5.939	0.003	5.999	0.004		−0.040	0.013	G	0.05	0.03	C	6.0034	0.0013	0.015	143		5.96	6.02		U 2			1							S
37346	7.372	0.005	7.243	0.005		0.125	0.007	T	0.14	0.01	L	7.2786	0.0012	0.012	174		7.26	7.30					1							S
37347	8.786	0.012	8.303	0.012		0.457	0.018	G	0.53	0.02	H	8.3570	0.0012	0.014	106		8.33	8.38					1							S
37348	8.477	0.008	8.474	0.011		0.010	0.015	G	0.03	0.01	H	8.5039	0.0018	0.015	139		8.48	8.53		C			1							
37349	8.395	0.010	7.289	0.006		0.891	0.015	G	1.01	0.02	A	7.3266	0.0013	0.014	148		7.30	7.35		M	07400−0336	I 1	1							S
37350	7.466	0.008	7.592	0.011		−0.090	0.005	G	−0.07	0.01	H	7.5641	0.0011	0.009	121		7.55	7.58		C			1							S
37351	8.188	0.009	8.168	0.011		0.023	0.013	T	0.04	0.01	L	8.1840	0.0009	0.010	87		8.17	8.20		C			1							S
37352	9.263	0.013	9.016	0.015		0.235	0.019	T	0.26	0.02	L	9.0677	0.0023	0.017	108		9.04	9.10		C			1							
37353	9.542	0.018	9.018	0.017		0.492	0.022	T	0.56	0.02	L	9.0620	0.0020	0.023	104		9.02	9.11			07400+6603	I 1	1							
37354	9.698	0.019	7.742	0.008		1.622	0.016	T	1.64	0.02	L	7.6708	0.0019	0.020	128		7.64	7.71		U 2			1							
37355	8.627	0.012	7.520	0.009		0.955	0.012	T	0.94	0.01	L	7.5621	0.0013	0.009	81		7.54	7.58		C			1							S
37356	8.959	0.012	7.436	0.007		1.280	0.011	T	1.24	0.01	L	7.4438	0.0012	0.012	129		7.42	7.47					1							S
37357	8.480	0.010	7.239	0.005		1.059	0.009	T	1.03	0.01	L	7.2779	0.0011	0.013	168		7.26	7.30		M			1							S
37358	9.341	0.016	8.768	0.015		0.539	0.016	T	0.61	0.02	L	8.8105	0.0011	0.015	103		8.79	8.83					1							
37359	9.502	0.015	8.992	0.014		0.479	0.019	T	0.55	0.02	L	9.0510	0.0015	0.019	126		9.01	9.08		D			1							
37360	8.222	0.008	7.587	0.009		0.584	0.003	G	0.66	0.00	H	7.6403	0.0008	0.008	127		7.63	7.66		C			1 G							S
37361	10.107	0.023	9.071	0.016		0.901	0.021	T	0.90	0.01	L	9.1237	0.0018	0.018	159		9.09	9.16		C			1							
37362	8.047	0.007	8.004	0.008		0.044	0.010	T	0.06	0.01	L	8.0198	0.0011	0.014	163		8.00	8.05		C			1							S
37363	9.368	0.017	7.475	0.007		1.568	0.020	G	1.59	0.02	A	7.4255	0.0014	0.012	123		7.41	7.44		C			1							S
37364	7.425	0.006	6.054	0.004		1.158	0.003	G	1.05	0.04	E	6.0901	0.0005	0.008	127		6.08	6.10		C	07402−1940	I 1	1							S
37365	6.769	0.006	6.825	0.007		−0.045	0.005	G	−0.02	0.01	H	6.8245	0.0010	0.007	55		6.81	6.84		C			1							S
37366	7.801	0.007	7.913	0.009		−0.097	0.010	T	−0.08	0.01	L	7.8984	0.0017	0.016	161		7.87	7.93		U 2			1							S
37367	10.179	0.023	8.484	0.010		1.416	0.020	T	1.40	0.03	L	8.4436	0.0017	0.019	144		8.41	8.48					1							
37368	9.173	0.026	8.643	0.025	A	0.478	0.072	G	0.74	0.07	B *	8.6075	0.0038	0.016	42	*	8.58	8.63		R	07402+4206	I 1	2 C A	AB	67	8.864	0.022	2.62	0.11	S
37369	7.904	0.013	5.952	0.006		1.654	0.012	T	1.85	0.04	O	5.8603	0.0023	0.014	47		5.85	5.90		U 2			1							S
37370	10.303	0.029	8.414	0.012		1.603	0.026	T	2.19	0.07	O	8.2631	0.0065	0.036	87		8.22	8.31		U 2			1 S							
37371	8.191	0.006	7.874	0.007		0.304	0.002	G	0.35	0.00	H	7.9039	0.0010	0.017	288		7.88	7.93		M			1							S
37372	6.866	0.004	6.664	0.005		0.186	0.006	T	0.20	0.01	L	6.7019	0.0010	0.010	132		6.69	6.73					1							S
37373	7.978	0.007	6.774	0.006		1.030	0.010	G	1.00	0.01	H	6.8296	0.0007	0.008	118		6.81	6.84		C			1							S
37374	8.953	0.025	8.523	0.024		0.406	0.032	T	0.47	0.04	L	8.6093	0.0030	0.016	37		8.59	8.63					1							
37375	8.040	0.007	6.562	0.004		1.245	0.006	T	1.20	0.01	L	6.5928	0.0005	0.006	154		6.58	6.60		C			1 G							S
37376	10.902	0.063	9.862	0.040		0.910	0.020	G	0.95	0.02	I	9.9145	0.0025	0.019	72		9.89	9.94		C			1							G
37377	9.255	0.015	8.713	0.014		0.508	0.018	T	0.58	0.02	L	8.7755	0.0017	0.020	117		8.74	8.81					1							
37378	9.363	0.015	8.350	0.011		0.884	0.014	T	0.89	0.01	L	8.4267	0.0020	0.016	119		8.40	8.45					1							S
37379	7.012	0.006	5.149	0.003		1.543	0.042	G	1.49	0.01	G	5.1066	0.0005	0.007	111		5.09	5.12					1							S
37380	9.396	0.015	9.448	0.022		−0.048	0.005	G	−0.03	0.01	H	9.4620	0.0025	0.028	128		9.42	9.50					1							G
37381	9.240	0.016	8.724	0.016		0.543	0.015	G	0.62	0.01	H	8.7588	0.0018	0.015	75		8.74	8.79		D			1							
37382	8.434	0.012	7.171	0.007		1.076	0.011	T	1.04	0.01	L	7.2189	0.0014	0.012	117		7.20	7.24					1							S
37383	9.393	0.025	8.219	0.016		1.007	0.023	T	0.98	0.02	L	8.2626	0.0017	0.016	48		8.24	8.29		D			1							
37384	10.073	0.023	9.118	0.017		0.841	0.021	T	0.86	0.01	L	9.1812	0.0018	0.020	112		9.14	9.20					1							
37385	6.944	0.004	6.937	0.006		0.007	0.006	T	0.03	0.01	L	6.9621	0.0008	0.009	164		6.95	6.98					1							S
37386	9.739	0.019	8.208	0.010		1.286	0.017	T	1.25	0.02	L	8.2252	0.0013	0.017	183		8.19	8.26		C			1							
37387	10.409	0.042	9.003	0.021		1.188	0.037	T	1.15	0.03	L	9.0687	0.0030	0.017	70		9.04	9.10					1							
37388	7.580	0.006	7.754	0.008		−0.150	0.009	T	−0.15	0.01	L	7.7460	0.0015	0.017	166		7.72	7.78		M			1							S
37389	9.454	0.014	7.946	0.007		1.268	0.012	T	1.23	0.01	L	7.9862	0.0013	0.015	158		7.96	8.02					1							
37390	7.968	0.007	7.390	0.006		0.543	0.007	T	0.62	0.01	L	7.4363	0.0010	0.011	150		7.42	7.46					1							S
37391	7.140	0.005	5.233	0.003		1.604	0.003	G	1.91	0.05	F	5.1339	0.0014	0.015	138		5.10	5.16		U 2			1							S
37392	9.850	0.014	8.573	0.009		1.087	0.013	T	1.05	0.01	L	8.6123	0.0015	0.019	234		8.58	8.64					1							
37393	9.947	0.015	9.349	0.014		0.558	0.018	T	0.63	0.02	L	9.4228	0.0020	0.022	194		9.39	9.46		C			1							
37394	6.207	0.003	6.041	0.003		0.153	0.002	G	0.17	0.00	H	6.0702	0.0007	0.007	121		6.06	6.08					1							S
37395						1.177	0.020	G	1.29	0.04	I	12.0043	0.0055	0.063	111		11.86	12.09		U			1							G
37396	7.752	0.007	7.689	0.011		0.057	0.012	T	0.07	0.01	L	7.6996	0.0012	0.012	106		7.68	7.72		C			1							S
37397	8.858	0.021	8.375	0.020		0.455	0.026	T	0.52	0.03	L	8.4561	0.0016	0.012	44		8.43	8.47		C			1							S
37398	9.676	0.021	8.637	0.015		0.903	0.019	T	0.90	0.01	L	8.6876	0.0016	0.011	90		8.67	8.72		C			1							S
37399	6.562	0.003	6.723	0.004		−0.140	0.004	T	−0.13	0.01	L	6.7126	0.0009	0.009	161		6.70	6.73					1							S
37400	8.676	0.014	8.493	0.016	A	0.100	0.495	G	0.26	0.06	L *	8.4540	0.0014	0.013	94	*	8.43	8.48		D	07408+2315	I 1	2 C A	AB	145	2.553	0.025	2.75	0.12	S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
37401		07 40 46.10	−20 57 20.1	8.14		H	115.192 103 92	−20.955 579 92		7.34	−7.08	−1.40	0.71	0.71	1.09	0.83	0.80	−11	+5	−21	−22	+11	−10	+10	−24	+3	+9	0	0.30
37402		07 40 46.91	−53 31 57.3	9.29		H	115.195 464 19	−53.532 574 23		2.23	−2.99	6.12	0.79	0.78	0.85	0.92	0.88	+4	+9	+13	+2	+2	+0	−1	−22	−2	−12	0	−1.98
37403		07 40 47.12	−71 45 46.7	7.05		H	115.196 329 64	−71.762 965 50		5.24	−9.73	14.76	0.56	0.47	0.54	0.56	0.52	+6	+23	+6	−18	−18	+0	−13	+8	+7	−13	0	1.10
37404		07 40 47.19	+13 46 16.6	6.23		G	115.196 608 70	+13.771 269 83		3.15	−2.73	−7.88	0.75	0.47	0.79	0.83	0.51	−9	+20	−7	−20	−22	−18	−21	−18	+11	−37	0	1.47
37405		07 40 49.03	+04 04 19.4	6.51	1	H	115.204 288 82	+04.072 042 26		6.33	−21.89	−93.25	0.77	0.43	0.83	0.90	0.39	−8	+24	−12	−25	−8	−30	−5	−44	+10	−6	3	1.78
37406		07 40 49.56	+57 04 58.4	6.09		H	115.206 491 05	+57.082 875 27		4.67	−24.11	−4.35	0.54	0.39	0.71	0.75	0.62	+18	+14	−5	−10	−11	−5	−14	−22	+4	−1	0	−1.79
37407		07 40 49.77	+27 56 43.4	9.14		H	115.207 390 23	+27.945 382 32		4.87	−7.21	−0.92	1.19	0.63	1.22	1.31	1.05	−43	+20	+2	+15	−35	−35	−44	+30	+16	−43	0	−0.72
37408		07 40 50.53	+09 07 59.2	8.16		H	115.210 549 24	+09.133 119 69		2.97	−5.37	−0.46	0.95	0.54	1.07	0.94	0.51	−23	+49	−19	−31	−7	−38	+2	−31	+27	−40	0	2.21
*37409		07 40 50.62	+39 40 49.3	8.62		H	115.210 917 92	+39.680 372 20		3.03	20.82	−17.15	1.49	1.09	1.64	1.88	1.64	−17	+33	+9	−8	+30	+24	+17	−44	−33	−26	0	0.39
*37410		07 40 50.61	−58 52 14.6	8.04		H	115.210 866 99	−58.870 733 97		2.50	−4.91	7.89	0.59	0.58	0.61	0.64	0.70	−14	+1	+9	+9	−12	−10	−11	+24	−8	−18	0	2.35
37411		07 40 50.85	−77 16 16.6	8.84		H	115.211 855 84	−77.271 271 55		11.34	5.56	106.26	0.76	0.66	0.74	0.81	0.72	+5	+15	+9	−7	−18	+1	−17	+7	−2	−8	0	0.43
37412		07 40 51.32	+19 35 22.7	9.95		G	115.213 835 12	+19.589 646 90		24.02	−351.89	−158.16	1.44	0.90	1.58	1.59	1.19	−33	+43	−18	−10	−4	−18	−4	−6	+8	−37	0	−0.48
37413		07 40 51.98	−07 17 31.0	7.98		G	115.216 598 58	−07.291 939 09		8.21	−13.51	16.31	0.91	0.48	1.03	1.11	0.48	+23	+34	−1	−14	−4	−17	+0	−39	+6	+39	1	−0.14
37414		07 40 52.31	−54 42 25.4	6.69		G	115.217 978 98	−54.707 044 48		10.59	−28.24	24.60	0.55	0.48	0.55	0.78	0.58	−6	+9	+1	−9	+2	+6	+2	−24	+9	−19	0	0.42
37415		07 40 52.60	−31 39 40.2	6.60	2	H	115.219 159 72	−31.661 173 13		0.51	−1.92	3.08	0.41	0.50	0.65	0.47	0.58	+9	+1	+1	+11	−9	+14	−10	−11	+11	+8	0	0.46
37416		07 40 52.97	−49 41 51.7	8.32		G	115.220 704 69	−49.697 692 81		7.65	20.24	−13.67	0.63	0.61	0.69	0.73	0.68	−3	+16	+1	+17	−5	−6	−8	−13	+11	−21	1	−0.03
37417		07 40 53.20	−31 41 07.7	8.90		G																							
37418		07 40 53.40	−31 41 19.5	8.90		G	115.222 501 58	−31.688 758 41		1.27	−2.05	3.92	0.71	0.89	1.15	0.83	1.03	+6	−2	+3	+2	−10	+12	−11	−13	+9	+6	0	2.63
37419		07 40 54.17	−26 21 46.2	8.68		G	115.225 689 83	−26.362 826 60		18.26	324.13	−281.02	0.46	0.70	1.01	0.51	0.87	+15	+4	−1	+12	+3	+3	+1	−3	−8	+3	1	−0.26
37420		07 40 54.29	−06 43 10.8	8.05		H	115.226 192 19	−06.719 676 27		9.77	−47.61	−49.83	0.92	0.47	1.05	1.02	0.71	+25	+44	+11	−7	−1	−25	+1	−32	+5	+18	0	1.32
37421		07 40 54.38	−22 25 15.2	8.83		H	115.226 591 11	−22.420 901 62		3.94	−6.82	−3.71	0.91	0.85	1.25	1.28	1.19	−9	+1	−11	−1	+19	−9	+17	−19	+7	−17	0	0.00
37422		07 40 55.03	−00 42 08.3	8.64		H	115.229 281 54	−00.702 309 10		−1.02	−2.07	−3.46	1.21	0.60	1.24	1.61	0.55	+1	+22	−19	−38	−13	−1	−5	−55	+18	+22	2	0.60
37423		07 40 56.71	+46 36 57.3	8.05		H	115.236 311 55	+46.615 925 70		6.23	0.65	−9.75	1.11	0.77	1.10	1.30	0.93	+6	+37	−11	+30	+31	−10	+24	+8	−8	+12	0	1.01
37424		07 40 57.47	−43 11 04.5	7.34		G	115.239 457 79	−43.184 584 76		4.04	−10.99	−2.20	0.46	0.49	0.56	0.47	0.53	−4	−1	−2	+4	−14	+9	−15	+6	+7	−10	0	−0.79
37425		07 40 57.48	+46 59 09.0	8.82		G	115.239 514 78	+46.985 845 19		6.15	4.42	−32.91	1.47	1.01	1.54	1.72	1.19	−7	+46	−18	+10	+29	−15	+25	−6	+8	+0	0	1.40
37426		07 40 57.86	+00 37 37.2	8.40		H	115.241 070 37	+00.626 995 83		3.90	−3.89	0.44	1.06	0.59	1.16	1.14	0.48	−7	+20	−1	−18	+2	−16	+5	−52	+9	−8	1	0.04
37427		07 40 57.88	+72 22 22.7	8.62		H	115.241 149 44	+72.372 980 44		11.13	−39.55	−70.87	0.47	0.56	0.86	0.51	0.77	+10	+9	+2	+12	−4	+6	+1	−12	+6	+29	1	0.54
37428		07 40 58.52	+23 01 06.8	5.93		H	115.243 845 21	+23.018 558 29		2.14	−7.21	−13.04	0.81	0.49	0.90	0.91	0.62	−22	+45	−31	−2	+1	+0	+2	−16	−2	+6	0	−1.22
37429		07 40 58.60	−08 22 34.4	8.18		H	115.244 182 21	−08.376 211 89		2.39	−12.43	1.56	0.75	0.55	1.04	0.88	0.51	−8	−11	−17	+6	+30	−27	+27	−39	−4	+1	0	0.73
37430		07 41 00.22	−36 52 06.7	7.49		H	115.250 909 88	−36.868 521 78		2.12	−13.43	−1.35	0.46	0.52	0.63	0.49	0.57	−2	+1	−13	+9	−6	−4	−8	−3	+9	−16	0	−0.45
37431		07 41 00.86	+56 28 25.3	9.37		G	115.253 603 11	+56.473 696 13		4.25	−6.23	−1.33	0.93	0.66	1.21	1.26	1.12	+4	+28	+0	−12	−9	−13	−12	−21	+6	−21	3	0.16
37432		07 41 01.11	−47 49 52.1	7.30		H	115.254 629 56	−47.831 135 69		5.55	−8.09	−1.02	0.54	0.47	0.57	0.65	0.58	+11	+4	+7	−7	−1	+0	−2	−3	−12	+12	3	−0.38
37433		07 41 02.63	−31 40 59.1	9.13		H	115.260 962 03	−31.683 090 12		−0.53	−3.03	3.16	0.61	0.75	0.99	0.73	0.88	+9	−4	+2	−11	−12	+15	−13	−21	+8	+10	0	2.13
37434		07 41 03.16	+24 57 54.8	7.24		H	115.263 150 02	+24.965 228 16		8.98	−34.21	−40.35	0.78	0.50	0.86	0.84	0.68	−40	+38	−9	+5	−8	−29	−11	+1	+7	−49	0	−0.08
37435		07 41 05.10	+10 07 40.4	8.72		H	115.271 257 12	+10.127 893 44		1.04	−4.93	1.85	1.25	0.69	1.29	1.42	1.04	−17	+47	−7	−12	−18	−10	−16	−27	+1	+8	0	−0.06
37436		07 41 05.85	+16 52 23.9	8.33	2	H	115.274 358 94	+16.873 315 92		1.53	−1.53	9.26	0.98	0.59	1.09	1.15	0.71	−30	+44	−24	+0	−8	−16	−6	−5	+6	−9	0	0.49
37437		07 41 07.50	−39 25 30.6	8.78		H	115.281 268 04	−39.425 176 13		4.35	7.83	9.20	0.67	0.78	0.89	0.73	0.93	+3	+8	+1	+3	+0	−6	−1	+0	−9	−7	0	−1.06
37438		07 41 08.53	+20 25 44.4	9.18	3	H	115.285 522 59	+20.429 002 35		0.74	−3.27	−7.50	1.15	0.75	1.31	1.26	0.90	−37	+29	−19	−7	−3	−25	−7	−6	+7	−35	0	1.33
37439		07 41 10.00	−17 08 42.0	8.00		H	115.291 654 28	−17.144 991 10		1.57	−7.53	4.88	0.57	0.55	0.96	0.58	0.57	−5	+20	−10	−31	+7	−14	+7	−26	+8	+9	0	1.23
37440		07 41 11.00	+76 04 26.1	10.54	3	H	115.295 821 24	+76.073 927 85		1.50	4.73	−2.53	1.10	1.04	1.65	1.46	1.42	+4	+14	−18	+18	+0	+7	+5	−5	+3	+20	1	−1.62
37441		07 41 12.45	+48 07 54.7	5.58		G	115.301 856 16	+48.131 851 53		10.01	−52.69	−130.99	0.81	0.56	0.85	0.92	0.64	−9	+44	−23	+32	+14	−17	+11	+14	+5	+1	3	0.52
37442		07 41 12.69	+21 26 49.2	7.87		G	115.302 881 62	+21.446 994 84		5.28	13.20	−42.21	1.11	0.65	1.26	1.25	0.76	−28	+45	−42	−24	−11	−10	−19	−13	−7	+11	0	1.19
37443		07 41 13.27	+39 12 42.3	7.96		G	115.305 287 32	+39.211 737 12		3.07	−8.91	−14.71	1.12	0.89	1.23	1.53	1.13	−19	+9	+1	−4	+34	+25	+31	−40	−27	−21	0	0.68
37444		07 41 13.33	−32 38 38.2	7.70	2	H	115.305 523 89	−32.643 955 50		0.99	−4.09	3.79	0.48	0.61	0.76	0.54	0.71	+9	+5	−1	+14	−1	+16	−1	+6	+8	+5	0	1.17
37445		07 41 13.46	+67 03 58.9	8.95		H	115.306 092 98	+67.066 353 02		2.04	−9.25	5.68	0.77	0.90	1.38	0.92	1.22	+23	+11	+1	+13	−8	+17	−1	−9	+17	+51	0	0.04
37446		07 41 14.33	−39 14 11.0	7.73		G	115.309 704 41	−39.236 380 78		3.15	−8.16	9.09	0.51	0.55	0.65	0.56	0.65	+4	−3	−8	+16	−8	+3	−9	+6	−2	−4	1	−0.51
37447		07 41 14.88	−09 33 03.9	3.94		G	115.311 986 12	−09.551 083 15		22.61	−74.80	−19.64	0.54	0.39	0.80	0.62	0.38	−7	+6	−8	+29	+41	−18	+45	−28	−3	+12	3	−0.69
37448		07 41 15.27	+47 15 22.1	10.46		H	115.313 619 16	+47.256 130 32		6.06	18.00	−17.60	2.22	1.58	2.32	2.64	1.78	−2	+40	−15	+5	+27	−8	+23	−16	+5	+2	0	1.07
37449		07 41 15.68	+54 45 22.2	8.77		H	115.315 328 06	+54.756 164 28		0.02	−12.74	0.44	0.91	0.79	1.29	1.30	1.14	−7	+19	−1	−9	−12	+14	−14	−15	−12	−7	2	2.21
37450		07 41 15.83	−38 32 00.9	5.41	1	H	115.315 950 47	−38.533 571 85		5.28	−20.74	16.34	0.41	0.40	0.50	0.47	0.47	+15	−3	−13	+6	−8	+17	−8	−11	+7	+6	1	−2.44
37451		07 41 16.24	+49 44 22.0	11.00		H	115.317 678 28	+49.739 449 65		0.07	0.02	−6.57	1.85	1.34	2.31	2.29	1.91	−24	+33	−18	−23	−25	+7	−26	−31	+0	−12	2	3.05
37452		07 41 17.42	+25 53 19.6	8.18		H	115.322 596 21	+25.888 776 03		3.21	−17.98	−18.74	0.90	0.53	1.02	1.23	0.80	−25	+5	−9	+5	−20	−36	−28	+7	+7	−10	0	0.24
37453		07 41 17.51	+17 21 55.1	8.99		H	115.322 942 56	+17.365 295 85		1.90	−12.06	−7.74	1.13	0.76	1.23	1.23	0.87	−46	+43	−30	−4	+1	−7	+3	−17	+8	−34	0	−1.76
37454	H	07 41 17.65	−60 00 07.1	7.78		H	115.323 528 08	−60.001 968 19	A	2.61	−1.79	12.56	1.29	1.30	1.20	1.19	1.35	−4	+19	−11	+6	−10	+7	−13	−7	+6	−21	0	1.41
*37455		07 41 18.58	−01 32 30.1	8.11	1	H	115.327 400 43	−01.541 695 40		0.98	−0.23	−0.62	0.89	0.49	0.98	1.12	0.44	+1	+31	−3	+7	−10	−5	+0	−39	+8	+15	2	0.36
*37456		07 41 18.57	+30 33 19.5	8.98		H	115.327 383 81	+30.555 410 68		2.94	−9.04	−2.32	1.53	0.71	1.61	2.23	1.24	−6	+40	−10	−11	−19	+13	−16	−19	+2	+36	0	−0.47
37457		07 41 19.13	+51 27 21.0	8.71		H	115.329 715 63	+51.455 827 11		3.59	−10.02	−5.43	0.80	0.58	1.13	1.14	0.89	−4	+23	+3	+6	−20	−9	−20	−1	+8	−16	0	−0.05
37458		07 41 19.93	−60 54 59.4	12.61	2	H	115.333 052 29	−60.916 504 18		3.10	−6.01	26.68	2.92	2.67	2.93	3.52	3.26	+7	+1	−5	+5	−9	−10	−14	−20	+10	−11	3	2.55
37459		07 41 20.03	+08 22 49.1	10.17	3	H	115.333 469 33	+08.380 300 31		5.23	−2.66	0.96	1.80	1.19	2.13	2.38	1.44	−50	+45	−32	−25	+14	−51	+12	−23	+33	−60	2	1.79
37460		07 41 21.11	−41 53 21.6	7.54		H	115.337 955 90	−41.889 337 40		16.91	−54.11	124.99	0.50	0.54	0.63	0.55	0.58	+2	−3	−12	−15	−12	+16	−10	−7	+8	−2	0	1.22
37461		07 41 21.72	−44 37 55.8	6.41		H	115.340 515 93	−44.632 178 73		2.86	−0.10	4.56	0.44	0.43	0.51	0.48	0.48	+6	+6	+6	+17	−6	+8	−8	+9	−2	−4	0	−0.65
37462		07 41 21.89	−41 09 53.2	7.40		G	115.341 210 53	−41.164 781 32		3.35	−0.64	3.20	0.46	0.49	0.58	0.48	0.56	−1	+6	−3	−13	+1	+16	+2	+1	−8	−7	0	0.07
37463		07 41 22.50	+41 52 34.8	9.44		H	115.343 733 21	+41.876 329 64		4.18	−7.27	−28.08	1.32	0.94	1.39	1.84	1.23	−1	+23	−12	+19	+18	−21	+16	−10	−7	+13	0	−1.55
37464		07 41 22.91	−14 49 11.1	8.66		H	115.345 445 90	−14.819 747 23		0.45	−3.22	0.01	0.85	0.65	1.28	1.04	0.77	+3	+29	−20	+3	+21	−14	+27	−13	+18	+37	2	−0.22
37465		07 41 23.53	−22 20 12.3	6.16	2	H	115.348 022 03	−22.336 752 43		3.79	3.95	12.85	0.56	0.53	0.81	0.73	0.73	−8	+12	−23	−17	+12	−17	+10	−14	+10	−11	0	−0.15
37466	H	07 41 23.91	−09 12 54.4	8.27	2	H	115.349 638 33	−09.215 104 78	*	2.59	−0.60	1.99	0.67	0.56	1.14	0.81	0.55	−33	+4	−3	+1	+45	−30	+44	−49	−1	−28	1	2.49
37467		07 41 24.03	−23 52 42.5	10.80		G	115.350 143 78	−23.878 481 45		2.97	−3.16	1.70	1.38	1.32	1.94	1.65	1.60	−5	+22	−18	−9	+0	−9	−1	−14	+3	−1	0	2.27
37468		07 41 24.73	+50 56 44.2	8.41		H	115.353 021 71	+50.945 614 14		1.65	4.76	−29.11	0.83	0.58	1.19	1.10	0.94	−19	+40	−1	−21	−17	−2	−22	−32	−8	−17	0	1.47
37469		07 41 25.49	−43 38 07.2	7.04		H	115.356 209 15	−43.635 342 40		3.10	−7.88	3.34	0.42	0.46	0.52	0.43	0.50	+0	+6	−1	+6	−8	+2	−9	+3	−8	−10	0	0.54
37470		07 41 26.95	−85 54 58.7	8.13		H	115.362 282 94	−85.916 302 33		7.63	−20.49	28.06	0.63	0.68	0.74	0.78	0.82	−4	+10	+21	−14	+0	−6	+1	−11	−5	−17	1	−0.68
37471		07 41 28.93	−53 11 41.2	8.24	2	H	115.370 541 47	−53.194 768 92		1.44	−4.17	6.06	0.61	0.54	0.63	0.65	0.62	+6	+13	+17	−12	−7	+1	−8	−6	−8	−12	1	0.08
37472		07 41 29.03	+18 15 21.6	8.68		H	115.370 946 73	+18.255 997 41		2.51	−0.31	−11.14	1.13	0.77	1.21	1.20	0.89	−39	+34	−21	−17	−9	−22	−12	−8	+10	−47	0	0.66
37473		07 41 30.55	+37 27 00.0	10.06		H	115.377 299 12	+37.450 012 57		3.86	6.78	−24.84	1.74	1.12	1.97	1.98	1.24	−19	+43	−36	+7	−6	+19	+0	−9	−5	+5	0	1.05
37474		07 41 30.90	−62 21 26.4	8.49		H	115.378 748 58	−62.357 325 44		0.96	−27.39	29.47	0.72	0.68	0.74	1.01	0.89	−7	+13	+12	+2	−5	−5	−8	−16	+5	−35	0	−0.32
37475		07 41 31.94	+34 46 31.7	9.46		H	115.383 084 26	+34.775 458 41		4.87	−15.42	−8.13	1.37	0.93	1.59	1.61	1.07	−15	+38	−40	−1	−1	−5	+3	−14	+13	+8	0	0.27
37476		07 41 34.64	+22 07 02.8	7.57		H	115.394 321 96	+22.117 452 69		3.99	−3.87	−16.20	0.98	0.57	1.04	1.00	0.68	−15	+43	−25	−20	−12	−14	−18	−13	−4	−7	0	1.06
37477		07 41 34.99	−33 44 25.6	7.65		H	115.395 777 61	−33.740 455 58		2.72	−2.96	3.33	0.47	0.52	0.67	0.50	0.59	+10	+2	+4	+6	−11	−1	−13	−5	+1	−5	0	0.95
37478		07 41 35.16	+03 37 29.4	5.95		H	115.396 486 13	+03.624 827 50		6.47	−2.20	−20.11	0.78	0.39	0.79	0.92	0.35	−7	+35	−16	−6	−8	−8	−1	−48	+14	−2	1	1.18
37479		07 41 37.07	+23 05 27.2	8.20		H	115.404 438 40	+23.090 901 99		5.69	−5.81	2.91	1.06	0.60	1.16	1.23	0.81	−20	+38	−15	+1	−7	−13	−7	−8	+3	−7	0	−0.06
37480		07 41 37.61	−14 43 13.0	10.86		G	115.406 711 25	−14.720 275 71		−5.20	−4.01	1.63	4.96	3.83	6.98	6.22	4.22	−5	+27	−15	+2	+22	−2	+29	−27	+14	+28	3	
37481		07 41 39.30	+40 42 22.6	9.65		H	115.413 748 29	+40.706 291 27		1.57	−8.76	−21.89	1.64	1.16	1.76	2.48	1.47	+9	+5	−10	+10	+8	+22	+11	−21	−13	+19	0	0.64
37482		07 41 39.82	−27 13 59.2	7.93	1	H	115.415 905 41	−27.233 121 57		0.59	−6.05	4.98	0.41	0.61	0.92	0.49	0.71	+21	+6	+10	+14	+1	−5	−1	−10	−2	+13	0	0.51
37483	H	07 41 41.62	+37 25 48.2	7.58		H	115.423 417 17	+37.430 056 40	A	8.09	−22.93	1.79	2.11	1.56	1.68	1.89	1.12	−16	+32	−25	−4	−19	+31	−13	−7	−4	−9	3	0.44
37484	H	07 41 42.36	+09 42 17.5	8.24		H	115.426 490 34	+09.704 872 40	A	15.06	−16.06	−30.67	2.50	1.80	1.86	1.97	1.10	−17	+22	−11	−33	+2	−19	+0	−30	+9	−29	1	−0.53
37485		07 41 42.48	+38 08 28.3	9.16		H	115.427 015 48	+38.141 189 33		2.26	−20.29	−6.67	1.37	1.16	1.90	2.32	1.22	−38	+28	−56	+12	−13	+42	+24	−33	+16	+15	0	0.24
37486	H	07 41 42.64	+18 03 11.6	8.21		G	115.427 663 09	+18.053 214 81	A	1.87	−6.11	1.59	3.74	2.39	3.44	3.25	2.17	−31	+42	−17	−8	+3	−17	+2	−15	+8	−46	0	0.12
37487		07 41 42.79	+53 10 24.0	8.28		H	115.428 271 58	+53.173 332 48		3.71	19.07	−22.39	0.88	0.62	1.14	1.16	0.84	+11	+28	−10	−15	−23	−8	−26	−18	−10	+15	0	1.20
37488		07 41 42.98	+40 05 43.1	10.14		G	115.429 085 46	+40.095 298 14		27.28	−57.87	−101.24	2.04	1.39	2.21	2.94	1.88	−16	+26	−10	+11	+7	+35	+0	−24	−29	−32	0	−1.27
37489	H	07 41 43.28	−56 51 40.4	9.38		H	115.430 334 74	−56.861 222 22	*	2.78	−1.31	1.59	4.61	4.24	1.11	1.28	1.37	+12	+20	−5	+6	+5	+9	+8	−11	+18	−7	1	1.27
37490		07 41 43.33	−23 55 37.4	10.70		G	115.430 545 82	−23.927 055 18		2.34	0.27	0.36	1.36	1.39	1.98	1.77	1.66	−4	+9	−17	+1	−4	−13	−5	−17	+7	−2	0	0.88
37491		07 41 44.01	+18 03 20.9	9.15		G	115.433 367 83	+18.055 808 65	C	1.87	−6.11	1.59	14.22	9.41	3.44	3.25	2.17	−48	+10	−5	−1	+2	−17	+2	−8	+8	−46	0	0.12
*37492		07 41 45.18	+10 53 06.5	8.89		H	115.438 230 97	+10.885 144 83		2.55	−6.83	−5.55	1.08	0.64	1.18	1.12	0.65	−21	+32	−20	−29	−4	−25	−1	−32	+22	−29	0	−0.07
*37493		07 41 45.16	−07 09 03.3	7.56		G	115.438 157 31	−07.150 908 63		5.03	−28.96	0.63	0.79	0.40	0.91	0.98	0.36	+27	+33	+0	−15	−5	−24	−1	−46	+13	+34	0	0.45
37494		07 41 45.19	+49 13 19.9	9.73		G	115.438 276 28	+49.222 182 17		37.35	−62.66	3.80	1.37	1.08	1.61	1.69	1.31	−32	+31	−17	+8	−24	+3	−22	−7	−1	−24	0	−0.35
37495		07 41 45.70	−22 24 15.1	6.90		H	115.440 402 98	−22.404 207 98		12.36	−38.29	54.31	0.60	0.58	0.88	0.72	0.75	+2	−1	−23	−17	+4	−13	+1	−19	+2	−13	0	−0.55
37496		07 41 45.90	−65 47 22.7	8.35		H	115.441 257 60	−65.789 642 28		6.81	13.34	−51.20	0.57	0.59	0.65	0.46	0.70	−11	+2	+13	−32	−15	+7	−12	+11	−7	−37	0	1.93
37497		07 41 46.12	−13 23 37.8	9.48	3	H	115.442 151 46	−13.393 838 00		0.47	−2.69	−1.69	0.97	0.75	1.31	1.19	0.82	−8	+5	−12	−4	+33	−18	+30	−19	−14	+8	0	−0.31
37498		07 41 46.67	+66 13 41.8	8.45		H	115.444 466 21	+66.228 274 39		5.79	−13.25	−25.02	0.80	0.78	1.10	1.00	0.96	+10	+10	−10	−14	−2	+14	+7	−32	+20	+44	0	0.28
37499		07 41 47.17	+15 34 57.8	7.79		H	115.446 530 54	+15.582 723 98		3.58	−26.01	−0.34	0.90	0.57	1.02	0.95	0.60	−33	+36	−29	+5	−9	−24	−14	−3	+11	−36	0	−0.65
37500		07 41 47.29	+04 23 26.9	8.69		H	115.447 062 47	+04.390 799 91		2.06	−3.10	−1.63	1.11	0.57	1.17	1.27	0.52	−13	+21	−5	−38	−2	−34	+1	−47	+9	−17	3	−0.48

No.	Tycho Magnitudes									Colour Indices									Magnitude (Hp)					Variability (Hp)				Multiplicity Data												Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag			V–I mag	σ mag			Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″		ΔHp mag	σ mag		Flags
31	32	33	34	35	36	37	38	39		40	41	42-3		44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65		66	67		68-70
37401	8.335	0.009	8.163	0.010		0.157	0.013	T		0.17	0.01	L		8.1949	0.0019	0.016	120		8.17	8.22					1 S									
37402	9.332	0.016	9.305	0.020		0.025	0.023	T		0.04	0.02	L		9.3039	0.0018	0.017	106		9.27	9.33					1									
37403	8.348	0.011	7.155	0.006		1.022	0.010	T		1.00	0.01	L		7.2172	0.0012	0.008	107		7.20	7.23		C			1									S
37404	8.046	0.011	6.367	0.005		1.393	0.003	G		1.26	0.04	E		6.3763	0.0009	0.007	81		6.36	6.39		C			1									S
37405	8.427	0.011	6.680	0.006		1.457	0.010	T		1.46	0.02	L		6.6466	0.0015	0.012	101		6.63	6.66		M			1									
37406	7.970	0.007	6.244	0.003		1.440	0.006	T		1.44	0.01	L		6.2252	0.0007	0.008	166		6.21	6.24					1									S
37407	9.105	0.015	9.126	0.020		−0.015	0.023	T		0.01	0.02	L		9.1405	0.0022	0.020	115		9.11	9.18		C			1									
37408	8.166	0.009	8.169	0.011		0.002	0.013	T		0.02	0.01	L		8.1704	0.0012	0.010	89		8.16	8.19		C			1									S
37409	10.078	0.045	8.765	0.025		1.115	0.040	T		1.08	0.04	L		8.7818	0.0021	0.013	35		8.76	8.80					1									
37410	8.012	0.007	8.037	0.009		−0.018	0.010	T		0.00	0.01	L		8.0447	0.0013	0.011	121		8.02	8.07					1									S
37411	9.478	0.015	8.878	0.014		0.559	0.015	T		0.63	0.01	L		8.9573	0.0018	0.021	121		8.92	9.00					1									
37412	11.517	0.100	10.115	0.046		1.140	0.015	G		1.23	0.02	I		10.0519	0.0033	0.024	87		10.01	10.08					1									G
37413	8.389	0.009	7.996	0.011		0.364	0.015	G		0.43	0.02	H		8.0580	0.0014	0.013	143		8.03	8.08					1									S
37414	7.108	0.005	6.717	0.006		0.365	0.009	G		0.43	0.01	H		6.7714	0.0009	0.008	104		6.76	6.78		C			1									S
37415	7.982	0.014	6.727	0.008		1.070	0.013	T		1.21	0.02	A		6.7629	0.0068	0.076	154		6.66	6.91		U 2 C			1									S
37416	8.819	0.011	8.357	0.011		0.453	0.015	G		0.52	0.02	H		8.4180	0.0013	0.013	124		8.40	8.45		C			1									
37417						0.160	0.015	G		0.18	0.01	H		9.0310	0.0088	0.174	155		8.94	9.68		D	07409−3141	I 2	S									D G
37418	9.010	0.020	8.870	0.024		0.160	0.015	G		0.18	0.01	H		8.9375	0.0028	0.033	155		8.87	8.98		D	07409−3141	I 2	1 S									D
37419	9.441	0.010	8.761	0.009		0.626	0.003	G		0.69	0.00	H		8.8148	0.0015	0.020	275		8.78	8.85					1 S									
37420	8.627	0.010	8.111	0.009		0.515	0.015	G		0.59	0.02	H		8.1662	0.0012	0.014	157		8.14	8.20					1 G									
37421	9.491	0.017	8.904	0.016		0.549	0.017	T		0.62	0.02	L		8.9486	0.0024	0.021	109		8.92	9.00					1									
37422	10.604	0.047	8.782	0.018		1.516	0.040	T		1.55	0.06	L		8.7653	0.0016	0.017	116		8.74	8.79		C			1									
37423	9.525	0.027	8.177	0.016		1.143	0.025	T		1.11	0.02	L		8.2141	0.0020	0.012	51		8.19	8.23		C			1									S
37424	7.278	0.005	7.319	0.006		−0.041	0.002	G		−0.02	0.00	H		7.3352	0.0010	0.010	140		7.32	7.35		C			1									S
37425	9.481	0.026	8.882	0.024		0.490	0.015	G		0.56	0.02	H		8.9269	0.0026	0.016	48		8.90	8.95		C			1									
37426	8.539	0.009	8.426	0.011		0.110	0.013	T		0.12	0.01	L		8.4372	0.0017	0.016	120		8.42	8.47		C	07410+0038	I 1	1 S									
37427	9.437	0.012	8.708	0.010		0.669	0.013	T		0.73	0.01	L		8.7571	0.0013	0.019	194		8.71	8.80		C			1									
37428	7.955	0.009	6.099	0.005		1.561	0.016	G		1.54	0.06	F		6.0485	0.0014	0.008	91		6.03	6.06					1									S
37429	10.092	0.025	8.323	0.011		1.474	0.022	T		1.49	0.03	L		8.3104	0.0013	0.014	139		8.29	8.34		C			1									
37430	9.538	0.016	7.663	0.007		1.558	0.014	T		1.58	0.01	L		7.6090	0.0011	0.013	138		7.58	7.63					1									S
37431	9.655	0.017	9.333	0.019		0.331	0.015	G		0.39	0.02	H		9.4149	0.0015	0.019	148		9.39	9.45					1									
37432	7.288	0.005	7.300	0.007		−0.009	0.008	T		0.01	0.01	L		7.3095	0.0010	0.009	103		7.30	7.33		C			1									S
37433	11.723	0.107	9.337	0.021		2.012	0.090	T		3.16	0.30	K		8.9839	0.0417	0.263	159		8.76	9.40		R 2 C			1 S									D
37434	7.880	0.009	7.307	0.007		0.556	0.015	G		0.63	0.01	H		7.3586	0.0010	0.009	88		7.34	7.38		C			1									S
37435	10.147	0.030	8.835	0.017		1.114	0.027	T		1.08	0.03	L		8.8823	0.0019	0.012	75		8.86	8.91		C			1 G									
37436	10.499	0.037	8.601	0.014		1.576	0.031	T		1.59	0.03	L		8.4465	0.0062	0.037	84		8.37	8.51		U 2			1									P
37437	10.152	0.027	8.909	0.016		1.061	0.025	T		1.03	0.02	L		8.9519	0.0018	0.015	118		8.92	8.97		C			1									
37438	10.538	0.050	9.257	0.027		1.102	0.047	T		4.28	0.12	O		8.4881	0.0439	0.253	78		8.01	8.84		U 2 C			1 S									
37439	7.907	0.006	7.983	0.009		−0.061	0.002	G		−0.04	0.00	H		7.9850	0.0011	0.011	155		7.97	8.01		C			1									
37440	10.966	0.042	10.592	0.049		0.365	0.056	T		0.43	0.06	L		10.6299	0.0054	0.186	149		10.54	12.04	3.31	P 1 A			1									G P
37441	6.860	0.008	5.700	0.004		1.011	0.002	G		1.00	0.03	C		5.7481	0.0011	0.005	49		5.74	5.76		C			1									S
37442	9.392	0.020	7.987	0.011		1.170	0.020	G		1.13	0.02	H		8.0327	0.0012	0.009	74		8.02	8.05		C			1									
37443	8.022	0.015	7.974	0.018		0.054	0.005	G		0.07	0.00	H		7.9784	0.0012	0.011	42		7.96	8.01					1									S
37444	8.169	0.009	7.756	0.007		0.390	0.011	T		0.46	0.01	L		7.7854	0.0023	0.025	161		7.75	7.83		U 2			1									S
37445	10.052	0.021	9.036	0.015		0.886	0.019	T		0.89	0.01	L		9.1056	0.0024	0.026	159		9.06	9.15					1									
37446	7.667	0.008	7.710	0.010		−0.050	0.001	G		−0.03	0.00	H		7.7247	0.0010	0.009	110		7.71	7.74		C			1									S
37447	5.263	0.002	4.056	0.002		1.022	0.019	G		1.01	0.02	A		4.0986	0.0004	0.005	145		4.09	4.11		C			1									S
37448	11.199	0.079	10.664	0.076		0.567	0.072	G		0.64	0.07	R		10.5799	0.0056	0.038	50		10.51	10.62					1									G
37449	10.953	0.048	8.969	0.016		1.645	0.040	T		1.67	0.04	L		8.8848	0.0021	0.023	94		8.84	8.92					1									
37450	5.233	0.002	5.384	0.003		−0.130	0.003	T		−0.12	0.00	L		5.3684	0.0009	0.009	127		5.35	5.38		M			1									S
37451	11.066	0.043	10.978	0.065		0.086	0.073	T		0.10	0.08	L		11.0317	0.0039	0.036	149		10.97	11.10		C			1									G
37452	9.584	0.020	8.304	0.012		1.100	0.015	G		1.06	0.02	H		8.3524	0.0014	0.010	99		8.33	8.37		C			1									
37453	10.318	0.034	9.089	0.020		1.050	0.031	T		1.02	0.03	L		9.1564	0.0021	0.015	85		9.13	9.18		C			1									
37454	7.917	0.012	7.860	0.013	*	0.057	0.017	T		0.07	0.01	L	*	7.8050	0.0013	0.013	100	*	7.77	7.82		D	07413−6000	I 1	2 C A	AB	240	1.057	0.003		0.29	0.01		S
37455	8.082	0.007	8.096	0.009		−0.009	0.007	G		0.01	0.01	H		8.1151	0.0014	0.012	125		8.10	8.14		U 2			1									
37456	10.176	0.046	9.125	0.030		0.912	0.041	T		0.91	0.03	L		9.1451	0.0029	0.015	70		9.12	9.17		C			1									
37457	8.888	0.011	8.722	0.012		0.145	0.015	G		0.16	0.01	H		8.7601	0.0020	0.019	147		8.73	8.79					1 S									
37458												T		12.7245	0.0110	0.089	97		12.50	12.90		U			1 S									G
37459	11.559	0.140	10.070	0.060		1.273	0.126	T		2.50	0.72	K		10.1849	0.2149	0.959	80		8.75	11.89	405.50	P 1 B			1									G P
37460	8.094	0.008	7.590	0.006		0.485	0.015	G		0.56	0.02	H		7.6462	0.0009	0.011	137		7.63	7.66					1									S
37461	6.397	0.003	6.405	0.004		−0.003	0.005	T		0.02	0.01	L		6.4144	0.0008	0.007	125		6.40	6.43		C			1									S
37462	7.309	0.005	7.380	0.006		−0.058	0.003	G		−0.04	0.00	H		7.3852	0.0011	0.009	114		7.37	7.40		C			1									S
37463	9.833	0.033	9.461	0.034		0.352	0.044	T		0.41	0.05	L		9.5281	0.0017	0.013	50		9.50	9.55		D			1									
37464	8.786	0.013	8.647	0.015		0.149	0.010	G		0.16	0.01	H		8.7151	0.0016	0.015	122		8.69	8.75					1									D
37465	8.290	0.012	6.372	0.006		1.644	0.014	G		2.11	0.05	F		6.2314	0.0026	0.021	99		6.20	6.27		U 2			1									S
37466	10.469	0.029	8.476	0.010	*	1.688	0.025	T		2.08	0.07	O	*	8.3497	0.0044	0.042	169	*	8.25	8.39		R 2	07414−0913	H 1	2 C S A	AB	192	0.150	0.004		0.65	0.22		S
37467	10.864	0.059	10.740	0.090		0.010	0.020	G		0.03	0.02	H		10.8391	0.0048	0.032	119		10.78	10.89		C			1									G
37468	9.941	0.023	8.573	0.013		1.158	0.021	T		1.12	0.02	L		8.5762	0.0011	0.013	149		8.56	8.60		C			1									
37469	7.046	0.005	7.039	0.005		0.009	0.000	G		0.03	0.00	H		7.0507	0.0010	0.010	133		7.04	7.07					1									S
37470	8.497	0.011	8.145	0.011		0.334	0.015	T		0.39	0.02	L		8.2084	0.0016	0.015	109		8.19	8.24		C	07418−8555	I 1	1									S
37471	8.123	0.008	8.215	0.011		−0.079	0.012	T		−0.06	0.01	L		8.2181	0.0024	0.022	111		8.15	8.25		U 2			1									
37472	8.851	0.014	8.702	0.016		0.143	0.020	T		0.16	0.02	L		8.7328	0.0020	0.015	82		8.71	8.77		C			1									S
37473	10.515	0.049	10.178	0.061		0.320	0.073	T		0.37	0.10	L		10.1410	0.0030	0.015	51		10.10	10.16					1									G
37474	10.404	0.033	8.682	0.014		1.437	0.028	T		1.43	0.04	L		8.6270	0.0022	0.016	103		8.60	8.66					1									
37475	9.881	0.032	9.498	0.034		0.363	0.043	T		0.42	0.05	L		9.5443	0.0025	0.017	55		9.52	9.57		C			1									
37476	7.772	0.010	7.602	0.010		0.163	0.013	T		0.18	0.01	L		7.6309	0.0013	0.012	86		7.61	7.65		C			1									S
37477	7.532	0.006	7.639	0.007		−0.075	0.015	G		−0.05	0.02	H		7.6283	0.0012	0.012	157		7.61	7.65					1									S
37478	5.914	0.003	5.952	0.004		−0.032	0.004	T		−0.01	0.00	L		5.9508	0.0006	0.005	111		5.94	5.96		C			1									S
37479	8.316	0.010	8.202	0.012		0.111	0.015	T		0.12	0.01	L		8.2474	0.0018	0.012	85		8.23	8.27					1									S
37480	11.894	0.183	11.070	0.145		1.190	0.015	G		1.15	0.01	H		11.0159	0.0048	0.044	119		10.94	11.09					1 X									D G
37481	10.101	0.034	9.704	0.036		0.376	0.046	T		0.44	0.05	L		9.7403	0.0032	0.026	54		9.70	9.79					1									
37482	7.782	0.006	7.896	0.007		−0.099	0.008	T		−0.08	0.01	L		7.8967	0.0012	0.015	222		7.87	7.92		M			1									S
37483	7.992	0.012	7.632	0.015	*	0.341	0.018	T		0.40	0.02	L	*	7.6665	0.0015	0.010	52	*	7.65	7.69		D	07417+3726	I 1	2 C A	AB	160	0.439	0.005		1.28	0.02		S
37484	9.047	0.013	8.349	0.011	*	0.626	0.002	G		0.69	0.00	H	*	8.3752	0.0013	0.012	93	*	8.36	8.40		R	07417+0942	I 1	2 C A	AB	354	0.386	0.003		0.47	0.02		
37485	9.440	0.026	9.145	0.029		0.280	0.037	T		0.32	0.05	L		9.2310	0.0035	0.022	53		9.19	9.27					1									
37486	9.900	0.029	8.754	0.017	*	0.660	0.005	G		0.72	0.00	R	*	8.6601	0.0052	0.038	82	–	8.60	8.71		D	07417+1803	I 2	2 C P B	AB	197	1.047	0.009		1.04	0.08		S G
37487	9.683	0.016	8.410	0.010		1.084	0.015	T		1.05	0.01	L		8.4486	0.0015	0.016	131		8.42	8.49		C			1									
37488	11.481	0.125	10.213	0.065		1.120	0.015	G		1.20	0.02	I		10.2785	0.0026	0.016	34		10.25	10.32					1									G
37489	11.234	0.059	9.477	0.021	*	1.465	0.050	T		1.47	0.07	L	*	9.5117	0.0027	0.022	108	*	9.46	9.54		R	07417−5652	H 1	2 C C	AB	46	0.220	0.049		2.19	0.62		
37490	10.839	0.056	10.801	0.084		0.070	0.020	G		0.08	0.02	H		10.7243	0.0042	0.039	126		10.65	10.78					1									G
37491	10.104	0.036	9.529	0.034	C	0.674	0.015	G		0.73	0.01	H		9.2230	0.0564	0.360	81	–	8.65	9.65		D	07417+1803	I 2	1 C F B									G
37492	8.936	0.014	8.899	0.018		0.039	0.021	T		0.05	0.02	L		8.9126	0.0015	0.012	77		8.89	8.93		C			1									
37493	7.964	0.006	7.585	0.006		0.353	0.015	G		0.41	0.02	H		7.6462	0.0009	0.011	166		7.63	7.67					1									S
37494	11.266	0.059	9.865	0.029		1.190	0.015	G		1.32	0.03	I		9.8498	0.0024	0.025	97		9.82	9.90		C			1									
37495	7.226	0.005	6.935	0.005		0.277	0.007	T		0.31	0.01	L		6.9720	0.0011	0.009	105		6.96	6.99		C			1									S
37496	8.782	0.011	8.397	0.011		0.364	0.014	T		0.43	0.01	L		8.4398	0.0014	0.014	114		8.42	8.46		C			1									
37497	9.995	0.030	9.598	0.031		0.376	0.040	T		0.44	0.04	L		9.5672	0.0270	0.270	124		9.42	10.11	0.79	P 1 A			1									G
37498	8.617	0.012	8.460	0.013		0.151	0.017	T		0.17	0.02	L		8.5079	0.0017	0.017	110		8.48	8.54		C			1									S
37499	9.600	0.021	7.931	0.010		1.395	0.018	T		1.37	0.02	L		7.9346	0.0013	0.011	84		7.92	7.95		C			1									S
37500	8.666	0.010	8.677	0.013		−0.005	0.015	T		0.02	0.01	L		8.6923	0.0015	0.014	115		8.67	8.72		C			1									S

Number HIP		Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag			Position: epoch J1991.25 α (ICRS) deg	δ deg		Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ mas/yr	Standard Errors α* mas	δ mas	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ mas/yr	Astrometric Correlations (%) δ α*	π α*	π δ	$\mu_{\alpha*}$ α*	$\mu_{\alpha*}$ δ	$\mu_{\alpha*}$ π	μ_δ α*	μ_δ δ	μ_δ π	μ_δ $\mu_{\alpha*}$	Soln F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
37501		07 41 47.90	+54 45 56.8	6.82		H	115.449 570 92	+54.765 789 48		1.33	−8.78	−2.51	0.59	0.51	0.79	0.83	0.68	−11	+13	−11	−1	−19	+5	−17	−10	+5	−8	0	1.44
37502		07 41 47.98	−56 18 54.6	7.04		G	115.449 921 58	−56.315 159 03		2.29	−5.05	8.01	0.50	0.52	0.56	0.60	0.67	−5	+9	−3	−2	+4	+18	+4	−26	+14	−11	0	−0.11
37503	H	07 41 48.45	+67 33 59.4	8.02		H	115.451 889 60	+67.566 491 40	A	6.10	−29.78	−47.17	0.87	1.22	1.33	0.62	1.01	+7	+6	−3	−20	−21	+7	−33	−2	+9	+41	0	−0.22
37504		07 41 49.20	−72 36 22.1	3.93	1	G	115.454 983 47	−72.606 135 28		24.36	33.38	15.29	0.49	0.39	0.48	0.44	0.40	+6	+33	+11	−32	−6	−14	+1	+9	+9	−5	0	−0.07
37505		07 41 49.70	−30 23 10.0	8.79		H	115.457 100 06	−30.386 105 22		8.43	−34.52	−11.25	0.64	0.84	1.12	0.71	0.94	+11	+3	+3	+7	−10	+6	−10	−21	−6	+10	0	1.22
37506		07 41 49.72	−25 02 30.5	10.66	2	H	115.457 186 51	−25.041 801 49	*	3.54	−1.70	5.72	1.18	1.46	2.34	1.40	2.07	+0	+10	−12	+17	+10	+10	+13	−8	+1	+6	0	−1.11
37507		07 41 49.86	−14 51 15.1	10.50		G	115.457 743 82	−14.854 206 38		2.40	−3.16	−0.62	1.30	1.09	1.98	1.70	1.29	−2	+22	−11	+1	+25	−15	+29	−18	+4	+31	0	−1.18
37508		07 41 51.87	+13 28 49.8	5.79	2	H	115.466 118 13	+13.480 513 83		4.15	−35.61	−24.95	0.77	0.49	0.80	0.85	0.54	−10	+7	−10	−17	−23	−9	−21	−15	+20	−46	0	0.75
37509		07 41 52.49	−47 58 10.2	9.56		H	115.468 706 60	−47.969 486 15		6.42	10.24	66.21	0.99	0.85	1.04	1.09	1.09	−2	+14	+4	−10	+6	+5	+5	−11	−7	−5	0	0.46
37510		07 41 53.95	+60 34 00.9	9.69		G	115.474 796 69	+60.566 928 12		12.62	−261.90	−159.98	1.04	0.80	1.44	1.28	1.24	−8	+5	+2	+21	+12	+1	+2	−20	−2	−36	1	0.07
37511		07 41 54.89	−21 07 59.1	10.62	3	H	115.478 714 97	−21.133 077 97		2.07	−1.51	2.13	1.34	1.19	1.91	1.52	1.41	−14	+12	+5	−28	+5	−9	+4	−18	−4	+1	0	0.67
37512		07 41 56.25	−82 20 30.3	7.52		H	115.484 374 77	−82.341 758 58		5.74	20.32	−32.28	0.53	0.47	0.55	0.64	0.55	−7	+17	+12	−6	−5	−1	−4	+2	−2	−20	0	1.18
37513	H	07 41 57.35	−54 25 03.7	8.69		H	115.488 955 98	−54.417 696 82	A	2.77	−3.05	3.37	2.20	2.03	1.81	2.75	2.25	+0	+3	+5	−2	−10	−4	−11	−14	+5	+0	0	1.24
37514		07 41 58.04	−38 31 42.2	6.54	1	G	115.491 847 25	−38.528 394 47		5.01	−17.80	16.15	0.46	0.52	0.56	0.53	0.70	+17	−13	−7	−1	−14	+14	−11	−33	+2	+18	1	−1.49
37515		07 41 59.01	−25 52 34.3	9.00	3	H	115.495 855 58	−25.876 186 64		−1.05	−1.93	4.76	0.61	0.77	1.08	0.66	1.01	+5	+10	+8	+47	+4	+3	−5	−21	−7	−9	0	0.03
37516		07 41 59.95	−65 31 06.7	8.87		H	115.499 792 93	−65.518 540 57		4.37	−13.53	−1.01	0.63	0.63	0.68	0.53	0.76	−5	−7	+10	−39	−11	+10	−11	−10	−5	−34	0	1.91
37517		07 42 00.26	+24 03 01.8	8.14		H	115.501 066 69	+24.050 498 96		3.89	−9.59	−19.57	1.01	0.66	1.12	1.08	0.81	−42	+45	−33	+3	−4	+3	+2	−17	+11	−28	2	0.03
37518		07 42 01.17	+10 41 30.8	9.05		H	115.504 864 72	+10.691 894 58		4.56	10.45	−40.70	1.30	0.72	1.36	1.23	0.67	−24	+42	−19	−32	−1	−15	+7	−42	+22	−34	0	1.08
37519		07 42 01.18	−32 04 46.6	7.00		H	115.504 928 13	−32.079 598 44		13.93	3.27	−24.99	0.42	0.53	0.67	0.47	0.68	+8	+5	−5	+16	+1	+15	+2	+7	+14	+9	0	1.86
37520		07 42 01.98	−11 51 10.2	7.53		H	115.508 260 91	−11.852 835 36		19.32	−8.65	55.08	0.60	0.47	1.01	0.75	0.52	−9	+2	−24	−3	+18	−32	+16	−25	+5	+14	0	0.15
37521		07 42 03.22	+14 12 30.7	5.55	2	H	115.513 413 14	+14.208 529 72		3.19	−0.98	−10.81	0.74	0.46	0.79	0.79	0.49	−19	+35	−17	−9	−24	−21	−22	−8	+13	−43	0	0.74
37522		07 42 05.08	+22 55 43.9	7.44		H	115.521 147 58	+22.928 855 85		1.95	−13.21	−19.30	0.95	0.57	1.05	1.17	0.77	−24	+31	−14	+6	−10	−16	−10	−5	+1	−9	0	0.30
37523		07 42 05.09	−74 56 53.3	8.95		H	115.521 199 84	−74.948 137 73		1.99	−0.15	−3.03	0.70	0.70	0.75	0.72	0.81	+0	+16	+12	−4	−10	−4	−11	+5	−13	−18	0	−1.31
37524		07 42 06.67	−30 11 10.8	6.95	1	H	115.527 783 22	−30.186 324 25		1.27	−6.66	5.07	0.40	0.52	0.72	0.45	0.58	+9	−2	+4	+6	−12	+1	−13	−20	−5	+3	2	−0.86
37525		07 42 07.42	−46 39 28.5	7.98		H	115.530 930 51	−46.657 904 36		3.19	−8.15	5.35	0.60	0.57	0.67	0.70	0.64	+0	+2	+6	+5	−8	−1	−8	+3	+10	−11	0	−0.24
37526		07 42 07.86	−18 12 32.0	8.46		H	115.532 756 96	−18.208 902 76		0.24	5.74	−13.18	0.68	0.67	1.11	0.75	0.77	−18	+4	+5	−30	+16	−4	+16	−25	−5	−9	1	0.83
37527		07 42 08.68	−31 05 44.5	8.98		H	115.536 183 89	−31.095 690 38		−0.02	−0.64	2.41	0.68	0.91	1.14	0.79	1.05	+0	+15	+17	+25	−10	+17	−14	+4	−7	−2	0	−0.78
37528		07 42 09.11	−18 49 44.6	11.06		G	115.537 950 47	−18.829 059 34		22.01	276.56	−229.39	1.38	1.40	2.30	1.49	1.59	−6	+20	+19	−31	−4	−23	−1	−18	−4	−5	3	−0.34
37529	H	07 42 10.10	−30 55 21.3	9.15		H	115.542 086 24	−30.922 580 17	A	4.15	−6.97	5.41	1.88	2.65	2.52	2.21	2.81	−15	+4	+24	+17	−1	+7	−7	+2	+2	−36	3	0.87
37530		07 42 10.22	−58 37 51.4	6.40		H	115.542 598 77	−58.630 935 33		3.05	−5.40	7.03	0.47	0.45	0.49	0.51	0.49	−4	−5	+16	+16	−10	−5	−10	+11	+1	−13	0	1.39
37531	H	07 42 10.29	+44 13 21.6	9.81		H	115.542 875 15	+44.222 665 52	A	4.52	−48.24	−66.52	2.89	2.18	3.01	4.38	2.53	−14	+2	−32	+27	−3	+1	+6	−9	+18	+19	0	−0.92
37532		07 42 11.42	−03 31 21.9	8.65		H	115.547 584 96	−03.522 762 14	B	−4.09	−18.92	−12.80	17.91	8.28	5.83	8.44	3.27	+0	+38	−12	+12	+5	+11	+19	−36	+28	+23	18	2.64
37533	H	07 42 11.63	−55 10 44.3	6.93	2	G	115.548 473 15	−55.178 982 05	*	2.94	−5.32	8.35	0.53	0.50	0.57	0.68	0.60	−1	+9	−2	+5	+2	+19	+0	−27	+14	−9	0	1.65
37534		07 42 12.51	−03 31 10.3	8.01		H	115.552 123 02	−03.519 528 40	A	−1.84	−16.54	−7.90	4.43	2.48	3.74	5.54	2.30	−8	+36	−16	−9	+4	+9	+16	−46	+25	+22	18	2.64
37535		07 42 12.73	+50 33 58.1	9.03		H	115.553 050 74	+50.566 148 48		5.20	−21.01	−34.10	1.00	0.74	1.36	1.45	1.18	−18	+25	−8	−23	−21	+14	−23	−37	−3	−18	3	−1.87
37536		07 42 13.27	−11 20 58.3	8.83		H	115.555 292 84	−11.349 533 20		1.46	−4.74	1.27	0.76	0.57	1.14	0.98	0.61	−30	+11	−20	−14	+30	−29	+27	−24	−5	+5	0	0.75
37537		07 42 13.57	−17 06 52.4	8.69		H	115.556 546 00	−17.114 544 78		2.15	−0.29	−12.37	0.72	0.72	1.21	0.71	0.76	−12	+19	−6	−40	+4	−11	+3	−26	+6	−5	0	1.03
37538		07 42 14.92	+75 33 51.9	7.26		H	115.562 162 23	+75.564 403 05		13.96	−41.46	−79.61	0.48	0.46	0.70	0.63	0.62	+1	+12	+0	+8	−1	+6	−2	−3	−1	+1	0	−0.83
37539		07 42 15.33	−52 46 15.0	8.86		H	115.563 868 31	−52.770 828 66		12.47	46.41	−140.14	0.78	0.68	0.80	0.82	0.77	+5	+7	+18	−22	−4	+4	−2	−8	−11	−15	2	−1.02
37540		07 42 15.48	+20 58 35.5	7.90		G	115.564 497 25	+20.976 530 59		4.40	0.38	−25.18	1.12	0.68	1.35	1.21	0.77	−37	+49	−40	−13	+11	−29	−7	−6	−17	+3	0	0.43
37541		07 42 18.50	−66 54 13.5	7.26		H	115.577 086 27	−66.903 756 90		4.15	5.34	−21.58	0.54	0.51	0.60	0.68	0.61	−8	+11	+7	−14	+6	−30	+5	−2	−5	−20	0	0.03
37542		07 42 18.88	−16 04 09.1	7.11		H	115.578 674 35	−16.069 192 05		3.42	−6.00	0.63	0.59	0.51	0.89	0.65	0.54	−4	+17	−8	−8	+23	−22	+24	−16	+0	+28	0	2.21
*37543		07 42 19.26	−15 47 25.5	8.84		H	115.580 248 59	−15.790 422 03		2.80	−6.83	2.23	0.77	0.65	1.13	0.90	0.71	+9	+7	−17	+5	+26	−31	+25	−4	−13	+37	0	1.56
*37544		07 42 19.25	−27 11 01.7	7.88		H	115.580 217 30	−27.183 812 49		2.89	−4.08	4.66	0.39	0.59	0.91	0.46	0.69	+19	+4	−3	+11	−2	+1	−4	−20	+5	+14	0	0.98
37545		07 42 19.34	+30 10 04.3	6.69		H	115.580 603 28	+30.167 866 31		0.01	−9.71	−8.56	0.90	0.47	0.95	1.18	0.72	−17	+20	−20	−18	−23	+9	−23	−17	+12	+15	0	0.53
37546		07 42 20.88	−19 06 23.1	7.36		G	115.586 990 84	−19.106 428 68		5.84	7.08	−25.17	0.51	0.55	0.85	0.56	0.63	−9	+16	+0	−10	+9	−22	+9	−9	−1	+5	0	−1.28
37547		07 42 22.02	−66 52 54.4	8.52		H	115.591 733 40	−66.881 768 52		2.13	−14.72	−3.42	0.74	0.65	0.75	0.70	0.79	−8	+17	+6	−39	−3	−16	+4	+0	+0	−29	1	−0.10
37548		07 42 23.17	−48 41 55.1	9.10		H	115.596 542 61	−48.698 641 95	A	3.11	−12.30	13.83	1.40	1.30	1.40	1.45	1.46	−9	+14	+0	−13	+4	+12	+4	−11	+0	−14	1	1.88
37549		07 42 23.79	−56 08 45.7	7.25	1	H	115.599 134 12	−56.146 035 38		4.25	−14.51	7.44	0.52	0.53	0.57	0.65	0.68	−2	+10	+0	+6	+4	+14	+3	−24	+16	−8	0	−0.39
*37550		07 42 24.56	+52 18 34.1	8.33		G	115.602 345 82	+52.309 478 01		1.35	−24.23	−101.21	0.80	0.55	1.10	1.17	0.85	+14	+16	+2	−28	−31	+8	−32	−20	−3	+11	0	−1.47
*37551		07 42 24.56	+42 56 23.5	10.25		G	115.602 342 99	+42.939 848 29		24.42	−177.76	−90.92	2.10	1.38	2.31	2.46	1.59	−9	+53	−22	−15	+4	−17	+3	−27	+2	+14	0	−0.43
37552		07 42 24.94	−13 50 54.5	8.28		H	115.603 926 74	−13.848 476 82		1.69	12.68	−25.62	0.77	0.60	0.98	0.94	0.65	−7	+6	−14	+3	+33	−16	+32	−21	−2	+5	0	0.26
37553		07 42 25.67	−00 49 03.5	9.19	1	H	115.606 952 91	−00.817 644 71		0.67	2.95	−3.28	1.21	0.63	1.31	1.41	0.63	−4	+41	−12	−27	−12	−24	−5	−37	+12	+8	2	1.58
37554	H	07 42 26.15	−27 43 47.6	7.39		H	115.608 947 98	−27.729 891 35	A	3.56	−3.63	0.21	1.57	1.37	1.09	0.66	0.88	+17	+6	+22	+19	+12	+4	+6	+9	−13	−2	3	−0.32
37555		07 42 27.34	−63 29 07.6	8.41	2	H	115.613 932 34	−63.485 438 90		0.25	1.84	5.29	0.71	0.67	0.73	0.92	0.89	−5	−4	−2	−10	−2	−5	−3	−14	+10	−28	0	−0.52
37556		07 42 29.74	−19 25 10.0	8.50		H	115.623 935 50	−19.419 442 14		4.21	−3.41	−8.81	0.70	0.71	1.11	0.82	0.85	+1	+19	−9	+7	+7	−16	+9	−1	+6	+16	0	−0.75
37557		07 42 30.63	−39 12 04.7	7.26		G	115.627 638 96	−39.201 294 32		4.87	−22.57	14.77	0.47	0.51	0.61	0.53	0.61	+3	−7	+1	+20	−3	−2	−3	+10	−15	−5	1	1.08
37558		07 42 30.68	+07 28 07.7	8.08		H	115.627 841 84	+07.468 808 32		5.10	−7.12	−4.14	0.93	0.51	0.97	0.96	0.51	−19	+33	−22	−34	−2	−26	−3	−30	+12	−22	2	0.92
37559		07 42 31.49	+31 14 16.4	9.23		H	115.631 190 66	+31.237 883 85		3.60	20.69	0.71	1.60	0.68	1.70	1.51	0.98	−29	+65	−26	−22	+4	−21	+4	−22	+6	+2	0	2.31
37560	H	07 42 34.04	−04 01 35.4	8.50		H	115.641 834 14	−04.026 499 52	A	7.18	−16.16	−9.09	2.22	1.13	2.09	2.19	0.94	+18	+46	+6	−23	−15	+6	−4	−42	+18	+26	1	0.27
37561		07 42 34.54	+04 49 24.3	7.65		H	115.643 936 30	+04.823 404 10		5.31	−6.23	−3.51	1.09	0.54	1.04	1.36	0.56	−30	+16	−13	−49	+16	−34	+19	−50	+26	−46	5	−0.07
37562		07 42 34.64	−36 22 29.4	7.59		H	115.644 320 47	−36.374 821 89		3.20	−10.30	4.11	0.44	0.47	0.59	0.48	0.53	−6	+9	−11	+16	−10	+8	−10	+1	+1	−10	0	−1.07
37563		07 42 36.12	−59 17 52.1	7.17	1	H	115.650 515 17	−59.297 813 46		30.07	−53.14	157.27	0.56	0.51	0.56	0.57	0.57	−15	−8	+18	+14	−14	−1	−16	+10	+7	−25	0	0.84
37564		07 42 36.25	+46 29 28.5	8.65		H	115.651 039 00	+46.491 247 13		3.89	−3.13	−7.01	1.20	0.87	1.24	1.53	0.96	−10	+33	−25	+20	+21	−10	+17	−3	+2	+1	3	2.39
37565		07 42 37.22	−42 13 47.9	8.01		H	115.655 090 70	−42.229 966 19		4.06	−7.57	4.39	0.53	0.57	0.66	0.57	0.62	+7	−6	−16	−8	−15	+11	−14	−9	+6	−3	1	−0.18
37566		07 42 37.74	+50 09 19.5	9.07		H	115.657 230 09	+50.155 427 46		2.44	−9.11	−1.98	1.12	1.00	1.47	1.47	1.39	−43	+21	−26	−42	+7	+9	+9	−56	+14	−38	0	0.10
37567		07 42 37.82	−33 46 51.1	8.97		H	115.657 596 20	−33.780 856 97		11.50	−49.76	−94.27	0.68	0.74	0.98	0.77	0.86	+7	+2	+5	−8	−13	−11	−14	−13	+0	−10	0	0.09
37568		07 42 38.45	+44 21 47.2	9.41		H	115.660 189 75	+44.363 122 07		2.93	−8.36	−20.70	1.57	1.23	1.78	2.45	1.29	+20	+4	−53	+35	+7	+9	+19	−2	+10	+43	0	1.27
37569		07 42 38.61	−02 41 02.8	8.31		G	115.660 890 91	−02.684 118 70		3.21	0.24	−6.62	1.04	0.60	1.19	1.45	0.56	+12	+8	−31	−18	−33	+18	−15	−53	+37	+37	2	−0.24
37570		07 42 39.01	−09 32 49.2	8.52		H	115.662 540 28	−09.547 011 97		1.10	−3.68	3.58	0.87	0.72	1.20	1.19	1.29	−49	+1	−4	−33	+59	−25	+62	−73	−1	−51	2	−0.45
37571		07 42 39.07	+48 31 22.5	7.81		H	115.662 788 67	+48.522 922 19		2.65	4.58	2.67	1.09	0.83	1.24	1.41	0.88	−20	+42	−46	+33	−21	+20	−1	−8	+17	+14	4	0.73
37572		07 42 39.10	−40 37 35.4	8.96		G	115.662 912 70	−40.626 490 94		2.05	−6.48	7.40	0.66	0.73	0.84	0.66	0.86	−10	+21	+2	−6	+7	+9	+7	−6	−4	−23	0	−1.01
37573		07 42 39.58	−22 56 55.0	9.87		G	115.664 922 59	−22.948 611 05		−0.66	−1.74	−14.78	6.08	5.38	7.70	7.74	6.95	−1	+7	−10	−26	+2	−17	+1	−21	+6	−17	3	
37574		07 42 40.10	+05 32 32.2	9.49		H	115.667 097 64	+05.542 288 69	A	1.25	0.79	−5.82	3.05	1.48	2.68	3.27	1.39	−31	+31	−6	−44	+13	−27	+17	−45	+15	−35	0	0.11
37575		07 42 40.29	+28 50 02.0	7.72		H	115.667 863 57	+28.833 893 34		1.85	6.44	−16.86	0.98	0.50	1.00	1.11	0.79	−31	+13	−10	−29	−6	+13	−13	−25	+3	−13	0	1.09
37576		07 42 40.63	−60 18 11.8	9.24		H	115.669 294 77	−60.303 287 55		−0.19	−2.51	7.17	0.88	0.83	0.91	1.06	1.02	−3	+20	−4	+16	−10	+4	−13	−4	+3	−24	2	−0.18
37577	H	07 42 40.97	−42 34 02.8	7.01		H	115.670 724 90	−42.567 455 35	A	2.62	−6.37	6.03	0.74	0.81	0.83	0.76	0.81	−8	−6	−1	+7	−14	+5	−18	−23	+8	−24	2	0.46
37578	H	07 42 41.86	−35 09 41.3	9.40		H	115.674 399 65	−35.161 476 88	*	5.23	−12.10	−6.69	0.78	0.86	1.09	0.90	0.96	−1	+8	−16	+20	−5	+19	−4	−14	+10	−9	0	2.04
37579		07 42 43.00	+22 13 26.8	7.13		G	115.679 155 33	+22.224 113 76		13.48	−18.95	−27.01	0.92	0.51	0.99	0.98	0.64	−15	+45	−31	−25	−9	−10	−14	−20	−2	+2	0	0.68
37580		07 42 43.61	+34 00 00.8	6.05		G	115.681 695 69	+34.000 224 79		18.31	−83.50	−2.81	0.82	0.59	0.95	0.96	0.62	−15	+38	−39	+7	+0	−12	+1	−3	+9	+5	3	0.93
37581		07 42 44.15	+80 33 20.7	8.66		H	115.683 947 39	+80.555 736 37		4.34	11.03	0.02	0.59	0.69	0.84	0.61	0.80	+10	+22	−10	+10	+0	+8	+4	−1	+10	+25	0	−0.08
37582		07 42 45.40	+07 12 41.2	8.50		H	115.689 159 30	+07.211 434 21		3.80	−27.90	−0.57	1.10	0.55	1.11	1.26	0.55	+0	+22	−19	−36	−21	−13	−15	−34	+18	−5	2	−0.75
37583		07 42 45.77	−61 54 00.1	8.93		H	115.690 717 84	−61.900 023 49		2.99	−10.47	15.55	0.76	0.80	0.82	0.85	1.06	−6	−2	−3	+8	−14	+1	−20	−9	+14	−23	0	−0.30
37584		07 42 45.99	+04 04 15.1	7.95		H	115.691 637 91	+04.070 872 80		13.38	−28.66	−23.88	1.00	0.57	1.09	1.31	0.95	−16	+20	+2	−25	−3	−35	−2	−47	−8	+2	7	1.39
37585		07 42 46.11	+15 04 14.3	8.45		H	115.692 140 62	+15.070 630 60		4.32	−19.36	−17.92	1.10	0.64	1.22	1.08	0.61	−34	+46	−32	−2	−21	−10	−12	−14	+20	−39	0	−0.39
37586		07 42 46.55	−33 13 00.2	8.47		H	115.693 948 07	−33.216 714 15		1.94	−4.38	12.10	0.63	0.71	0.96	0.74	0.86	+4	+2	+12	+10	−2	+5	−5	−4	+13	−10	0	1.80
37587		07 42 48.02	+64 59 57.7	8.29		G	115.700 100 72	+64.999 353 83		11.92	−23.74	−75.04	0.76	0.67	1.09	0.81	0.81	+14	+16	−22	+1	+13	+5	+22	−12	+25	+38	0	0.62
37588		07 42 48.10	−20 28 00.5	8.88		H	115.700 401 89	−20.466 806 38		0.47	−5.04	5.70	0.76	0.80	1.19	0.78	0.93	+2	+21	−9	−33	+0	−17	−3	−19	−4	+8	2	0.83
37589		07 42 48.10	+36 36 24.8	8.48		H	115.700 417 10	+36.606 892 78		10.84	13.06	−59.79	1.17	0.77	1.22	1.37	0.82	−15	+41	−30	+31	−12	+20	−3	+14	+3	+8	3	1.42
37590		07 42 48.15	−26 21 04.5	5.64		H	115.700 643 25	−26.351 253 98		9.79	−2.51	−29.55	0.29	0.43	0.63	0.33	0.54	+18	+3	−9	+8	+3	+1	+1	−10	−9	+10	0	0.43
37591		07 42 48.85	+17 25 28.4	8.94		H	115.703 556 84	+17.424 567 88		3.16	−11.04	−12.29	1.25	0.79	1.38	1.37	0.94	−49	+52	−37	−10	+1	−20	−1	−9	+8	−29	0	1.68
37592		07 42 48.87	+07 04 53.6	8.49		H	115.703 645 69	+07.081 562 03		3.01	−2.49	−18.27	1.11	0.55	1.14	1.14	0.54	−9	+30	−20	−41	−15	−26	−16	−28	+10	−13	2	−0.51
37593		07 42 50.23	+01 36 34.0	7.30		H	115.709 312 03	+01.609 440 32		8.42	7.43	14.22	0.96	0.46	1.00	1.02	0.49	−3	+46	−14	−10	−5	−13	−1	−26	+11	+2	2	−1.14
37594		07 42 50.46	−38 55 05.0	7.72		G	115.710 241 63	−38.918 042 28		7.32	−26.22	43.10	0.54	0.58	0.70	0.63	0.70	+1	−6	+0	+19	−5	+15	−5	+19	−10	−10	0	−0.02
37595		07 42 50.50	+61 09 26.7	7.87	2	H	115.710 423 26	+61.157 406 05		3.89	−8.04	−13.10	0.67	0.54	0.93	0.75	0.75	−7	+18	+7	+23	+8	−1	−1	−25	−3	−29	0	−0.95
*37596		07 42 51.30	−12 40 05.1	8.37		H	115.713 748 13	−12.668 089 60		2.37	−8.04	−0.04	0.63	0.49	0.98	0.79	0.55	−5	+12	−18	−2	+16	−32	+14	−21	+2	+8	0	2.02
*37597		07 42 51.29	−55 18 46.3	7.64		H	115.713 692 07	−55.312 860 94		2.08	−5.44	5.75	0.55	0.52	0.60	0.74	0.71	−4	+13	−3	+7	−1	+23	+0	−23	+16	−9	0	−0.05
37598		07 42 51.99	−71 32 31.1	7.28		H	115.716 643 87	−71.541 976 13		2.78	−6.47	23.39	0.58	0.46	0.54	0.60	0.51	+7	+27	+8	−16	−18	+1	−12	+11	+1	−17	0	2.16
37599		07 42 53.36	−58 13 48.5	6.20		H	115.722 352 59	−58.230 152 02		5.18	−31.96	38.73	0.46	0.44	0.48	0.50	0.52	−3	−9	+4	+22	−6	+0	−6	+17	−1	−11	0	−0.44
37600		07 42 53.87	−31 39 19.6	8.89		H	115.724 461 15	−31.655 440 64		1.70	−3.99	−3.85	0.67	0.91	1.14	0.82	1.31	+4	+9	−5	+11	−5	+17	−7	+14	−7	+11	0	−0.86

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
37501	8.081	0.009	6.930	0.006		0.989	0.008	T	0.97	0.01	L	6.9831	0.0010	0.011	107		6.97	7.00					1							S
37502	6.903	0.004	7.017	0.006		−0.097	0.001	G	−0.08	0.00	H	7.0111	0.0008	0.008	119		7.00	7.03					1							S
37503	8.819	0.007	8.088	0.006	*	0.670	0.007	T	0.73	0.01	L	* 8.1553	0.0011	0.015	252	*	8.13	8.18		D	07418+6734	I 1	2 C A	AC	333	0.436	0.009	2.35	0.04	S
37504	5.271	0.003	4.068	0.002		1.033	0.004	G	1.02	0.02	A	4.1071	0.0008	0.007	98		4.10	4.12		M	07418−7236	I 1	1							S
37505	9.487	0.017	8.835	0.015		0.597	0.017	T	0.67	0.01	L	8.9204	0.0021	0.022	154		8.88	8.97					1 S							
37506	11.449	0.095	10.761	0.085		0.635	0.105	T	0.70	0.09	L	10.7978	0.0267	0.179	146		10.60	11.03	2.63	P 1 A			1 V							G
37507	10.512	0.051	10.302	0.067		0.130	0.020	G	0.14	0.02	H	10.6031	0.0033	0.028	123		10.55	10.65		C			1							D
37508	7.962	0.010	5.992	0.005		1.669	0.009	T	2.09	0.03	O	5.8627	0.0024	0.017	70		5.84	5.90		U 2			1							S
37509	11.073	0.057	9.661	0.027		1.193	0.049	T	1.15	0.04	L	9.7287	0.0027	0.030	98		9.69	9.77		R			1							G
37510	10.463	0.039	9.704	0.032		0.696	0.005	G	0.75	0.00	H	9.8393	0.0024	0.024	110		9.81	9.87		C			1							
37511	11.355	0.084	10.530	0.063		0.743	0.080	T	0.79	0.06	L	10.7685	0.0379	0.424	114		10.23	11.18	5.52	P 1 A			1							G
37512	8.948	0.012	7.662	0.007		1.094	0.011	T	1.06	0.01	L	7.6899	0.0011	0.009	122		7.68	7.71		C			1							S
37513	8.786	0.012	8.748	0.015	*	0.035	0.017	T	0.05	0.01	L	* 8.7115	0.0020	0.016	107	*	8.69	8.74		D	07420−5425	I 1	2 C A	AB	223	0.579	0.002	0.39	0.01	
37514	6.429	0.004	6.517	0.006		−0.087	0.008	G	−0.07	0.01	H	6.5190	0.0013	0.014	129		6.50	6.54		U 2			1 G							S
37515	10.248	0.026	9.182	0.017		0.924	0.024	T	0.92	0.02	L	9.1627	0.0266	0.270	214		8.87	9.55	8.94	P 1 A			1							G
37516	9.251	0.014	8.877	0.014		0.354	0.018	T	0.42	0.02	L	8.9546	0.0018	0.016	114		8.93	8.98		C			1							
37517	8.448	0.011	8.166	0.012		0.268	0.015	T	0.30	0.02	L	8.2139	0.0019	0.015	86		8.19	8.24					1							S
37518	9.483	0.021	9.073	0.022		0.388	0.028	T	0.45	0.03	L	9.1360	0.0016	0.014	76		9.11	9.16		D			1							
37519	7.346	0.005	7.024	0.005		0.306	0.007	T	0.35	0.01	L	7.0798	0.0013	0.013	154		7.06	7.10					1							S
37520	8.391	0.009	7.600	0.006		0.717	0.008	T	0.77	0.01	L	7.6706	0.0011	0.012	149		7.66	7.69		C			1							S
37521	7.688	0.010	5.759	0.005		1.642	0.008	G	2.36	0.05	G	5.5874	0.0033	0.026	72		5.56	5.64		U 2			1 S							S P
37522	9.108	0.017	7.587	0.009		1.278	0.015	T	1.24	0.02	L	7.6018	0.0010	0.009	86		7.58	7.62		C			1							S
37523	10.257	0.025	9.082	0.016		1.008	0.023	T	0.98	0.02	L	9.1119	0.0019	0.017	123		9.08	9.13					1							
37524	6.735	0.005	6.909	0.006		−0.150	0.007	T	−0.15	0.01	L	6.8975	0.0015	0.012	159		6.88	6.92		U 2	07421−3012	I 1	1							S
37525	9.161	0.013	8.079	0.009		0.936	0.012	T	0.93	0.01	L	8.1425	0.0015	0.012	122		8.12	8.17					1							
37526	10.382	0.033	8.608	0.014		1.478	0.028	T	1.49	0.04	L	8.5849	0.0018	0.016	133		8.55	8.62					1							
37527	10.615	0.031	9.097	0.015		1.276	0.027	T	1.24	0.03	L	9.1397	0.0020	0.022	169		9.09	9.18					1							
37528						1.252	0.015	G	1.41	0.03	I	11.1818	0.0047	0.040	131		11.10	11.26		C			1							G
37529	9.080	0.012	9.179	0.016	*	−0.085	0.017	T	−0.07	0.02	L	* 9.1291	0.0036	0.030	157	*	9.06	9.18		D	07422−3055	I 1	2 C A	AB	324	0.627	0.004	0.69	0.02	
37530	6.271	0.003	6.381	0.004		−0.094	0.004	T	−0.08	0.01	L	6.3762	0.0009	0.008	127		6.37	6.39					1							S
37531	10.545	0.044	10.016	0.044	A						T *	9.9407	0.0040	0.024	59	*	9.90	9.98		D	07422+4413	I 1	2 C A	AB	165	1.747	0.015	1.74	0.05	
37532	9.880	0.028	8.537	0.016	B	1.139	0.025	T	1.10	0.03	L	8.4354	0.0284			B				D	07422−0331	I 2	1 C I A							
37533	6.828	0.004	6.924	0.005	*	−0.076	0.001	G	−0.06	0.00	H *	6.9128	0.0031	0.024	97	*	6.88	6.95		U 2 C	07422−5511	H 1	2 C S A	AB	176	0.179	0.005	0.96	0.13	S
37534	9.660	0.018	8.137	0.010	A	1.280	0.017	T	1.24	0.02	L	8.1622	0.0255	0.160	103	A	7.96	8.38		D	07422−0331	I 2	1 C P A							
37535	9.432	0.020	9.068	0.021		0.316	0.023	G	0.36	0.03	H	9.1099	0.0019	0.016	143		9.08	9.14					1							
37536	8.847	0.010	8.833	0.012		0.018	0.014	T	0.04	0.01	L	8.8451	0.0016	0.018	147		8.80	8.88		C			1							
37537	10.182	0.021	8.808	0.011		1.163	0.019	T	1.12	0.02	L	8.8565	0.0016	0.015	149		8.83	8.88		C			1							
37538	8.386	0.009	7.362	0.006		0.892	0.008	T	0.90	0.01	L	7.4223	0.0009	0.010	166		7.41	7.44					1							S
37539	9.581	0.019	8.939	0.017		0.590	0.019	T	0.66	0.02	L	8.9887	0.0019	0.018	113		8.96	9.02		C			1							
37540	9.444	0.022	8.016	0.012		1.150	0.015	G	1.11	0.01	H	8.0673	0.0014	0.011	72		8.05	8.10		C			1							
37541	8.552	0.010	7.369	0.007		1.014	0.010	T	0.99	0.01	L	7.4243	0.0011	0.008	106		7.41	7.44		C			1 G							S
37542	8.451	0.011	7.227	0.006		1.046	0.010	T	1.02	0.01	L	7.2748	0.0007	0.010	119		7.26	7.29		C			1							S
37543	8.797	0.010	8.835	0.013		−0.032	0.014	T	−0.01	0.01	L	8.8381	0.0020	0.016	120		8.82	8.87		C			1							
37544	7.729	0.005	7.851	0.007		−0.106	0.008	T	−0.09	0.01	L	7.8430	0.0011	0.014	229		7.82	7.87					1							S
37545	8.460	0.012	6.840	0.006		1.356	0.011	T	1.32	0.01	L	6.8431	0.0008	0.009	103		6.83	6.86					1							S
37546	7.903	0.008	7.403	0.007		0.451	0.015	G	0.52	0.02	H	7.4611	0.0013	0.012	131		7.44	7.48					1							S
37547	10.603	0.037	8.699	0.014		1.615	0.033	T	1.78	0.10	O	8.6168	0.0021	0.017	103		8.59	8.65					1							
37548	10.636	0.039	9.197	0.019	A	1.214	0.034	T	1.17	0.03	L	9.2629	0.0178	0.036	110	A	9.21	9.33		D	07424−4842	I 1	2 C A	AB	221	16.951	0.016	1.86	0.10	
37549	7.150	0.005	7.257	0.007		−0.078	0.004	G	−0.06	0.01	H	7.2341	0.0022	0.019	117		7.21	7.26		U 2			1							S
37550	9.454	0.015	8.448	0.010		0.890	0.015	G	0.90	0.01	H	8.4905	0.0011	0.014	143		8.47	8.51		C			1							S
37551	11.533	0.140	10.496	0.088		1.061	0.020	G	1.12	0.03	I	10.3972	0.0021	0.021	47		10.36	10.46		D			1							G
37552	8.301	0.009	8.271	0.011		0.028	0.013	T	0.04	0.01	L	8.2931	0.0013	0.013	126		8.27	8.33					1							S
37553	9.343	0.017	9.187	0.020		0.150	0.025	T	0.17	0.03	L	9.2445	0.0037	0.028	100		9.21	9.30		U			1							
37554	7.316	0.004	7.378	0.006	*	−0.059	0.001	G	−0.04	0.00	H *	7.3760	0.0013	0.013	186	*	7.35	7.40		D	07424−2744	H 1	2 C A	AB	259	0.332	0.008	2.38	0.07	S
37555	10.700	0.044	8.617	0.014		1.762	0.038	T	2.25	0.08	O	8.4687	0.0033	0.030	102		8.41	8.51		U 2			1							
37556	10.084	0.024	8.652	0.013		1.208	0.021	T	1.17	0.02	L	8.6616	0.0019	0.019	118		8.63	8.69		C			1							
37557	7.191	0.006	7.267	0.006		−0.075	0.005	G	−0.05	0.01	H	7.2519	0.0012	0.010	114		7.24	7.27		C			1							S
37558	8.156	0.008	8.076	0.010		0.079	0.012	T	0.09	0.01	L	8.1101	0.0014	0.010	94		8.09	8.13		C			1							S
37559	10.469	0.051	9.361	0.030		0.955	0.046	T	0.94	0.03	L	9.3888	0.0024	0.018	85		9.36	9.42		C			1							
37560	8.797	0.018	8.428	0.021	*	0.350	0.026	T	0.41	0.04	L *	8.5817	0.0017	0.015	103	*	8.56	8.61		D	07426−0402	I 1	2 C A	AB	108	4.309	0.008	1.11	0.02	S
37561	8.814	0.010	7.758	0.007		0.916	0.009	T	0.91	0.01	L	7.8143	0.0010	0.010	117		7.80	7.83		C			1							S
37562	7.451	0.006	7.561	0.007		−0.107	0.005	G	−0.09	0.01	H	7.5630	0.0007	0.008	135		7.55	7.57					1							S
37563	7.934	0.007	7.251	0.007		0.637	0.005	G	0.70	0.00	H	7.3059	0.0014	0.012	103		7.29	7.33		M			1							S
37564	8.976	0.018	8.677	0.020		0.312	0.006	G	0.36	0.01	H	8.7236	0.0016	0.017	47		8.69	8.75		D			1							
37565	8.187	0.007	8.017	0.008		0.155	0.010	T	0.17	0.01	L	8.0622	0.0017	0.019	136		8.03	8.10					1							S
37566	10.372	0.028	9.183	0.017		1.018	0.026	T	0.99	0.02	L	9.2382	0.0019	0.020	154		9.21	9.27					1							
37567	9.849	0.021	9.039	0.017		0.716	0.021	T	0.77	0.02	L	9.1125	0.0017	0.017	150		9.08	9.14					1							
37568	9.908	0.031	9.451	0.030		0.431	0.040	T	0.50	0.04	L	9.5048	0.0046	0.023	60		9.46	9.53					1							
37569	8.377	0.009	8.310	0.012		0.068	0.015	G	0.08	0.02	H	8.3352	0.0012	0.012	92		8.32	8.36					1							
37570	9.944	0.028	8.658	0.017		1.094	0.026	T	1.06	0.03	L	8.6846	0.0013	0.015	171		8.66	8.71					1 G							
37571	9.333	0.022	7.946	0.013		1.173	0.020	T	1.13	0.02	L	7.9776	0.0016	0.009	52		7.96	8.00		C			1							
37572	8.878	0.012	8.963	0.017		−0.050	0.015	G	−0.03	0.01	H	8.9412	0.0019	0.018	113		8.92	8.97		C			1							
37573	10.467	0.039	9.954	0.039		0.405	0.015	G	0.47	0.02	H	9.9720	0.0036	0.035	102		9.92	10.03					1 X							G G
37574	10.850	0.052	9.619	0.029	A	1.051	0.047	T	1.02	0.04	L	9.6595	0.0132	0.040	111	A	9.60	9.74		D	07427+0533	M 1	2 C A	AB	157	15.563	0.028	1.93	0.08	
37575	9.845	0.025	7.909	0.011		1.606	0.022	T	1.63	0.02	L	7.8321	0.0010	0.011	136		7.81	7.85					1							
37576	10.619	0.034	9.346	0.020		1.084	0.031	T	1.05	0.03	L	9.4055	0.0019	0.018	100		9.38	9.45					1							
37577	6.930	0.007	7.053	0.009	*	−0.107	0.010	T	−0.09	0.01	L *	6.9768	0.0011	0.009	130	*	6.96	6.99		D	07427−4234	I 1	2 C A	AB	131	0.889	0.003	1.12	0.01	S
37578	10.140	0.027	9.477	0.024	*	0.605	0.027	T	0.67	0.02	L *	9.5239	0.0023	0.023	131	*	9.47	9.57			07427−3510	H 1	2 C S C	AB	23	0.117	0.014	0.55	1.08	G
37579	7.633	0.008	7.193	0.007		0.416	0.012	G	0.48	0.01	H	7.2213	0.0008	0.005	85		7.21	7.23					1							S
37580	6.595	0.006	6.093	0.006		0.469	0.015	G	0.54	0.02	H	6.1537	0.0011	0.006	51		6.14	6.17		C			1							S
37581	9.285	0.014	8.720	0.013		0.529	0.017	T	0.60	0.02	L	8.7752	0.0016	0.015	156		8.75	8.80					1							S
37582	8.882	0.013	8.526	0.013		0.337	0.017	T	0.39	0.02	L	8.5768	0.0015	0.012	105		8.55	8.60		C			1							
37583	10.224	0.026	9.054	0.016		1.004	0.024	T	0.98	0.02	L	9.0903	0.0023	0.019	112		9.06	9.12					1							
37584	8.509	0.009	8.001	0.008		0.468	0.015	G	0.54	0.02	H	8.0490	0.0016	0.014	111		8.03	8.07					1 G							S
37585	9.865	0.021	8.549	0.013		1.118	0.019	T	1.08	0.02	L	8.6143	0.0013	0.013	83		8.59	8.63		C			1							
37586	10.382	0.028	8.636	0.012		1.456	0.024	T	1.46	0.04	L	8.6098	0.0016	0.017	154		8.58	8.63		C			1 S							
37587	8.890	0.011	8.354	0.011		0.524	0.015	G	0.60	0.02	H	8.4028	0.0016	0.017	130		8.38	8.44		C	07428+6500	I 1	1 S							S G
37588	8.849	0.011	8.876	0.015		−0.020	0.017	T	0.00	0.02	L	8.8808	0.0022	0.019	129		8.84	8.91					1 S							
37589	9.011	0.020	8.511	0.019		0.470	0.025	T	0.54	0.03	L	8.5838	0.0025	0.012	58		8.56	8.61		C			1							
37590	6.892	0.003	5.739	0.002		0.990	0.002	G	0.91	0.04	E	5.7978	0.0004	0.007	258		5.79	5.81					1							S
37591	9.403	0.016	8.979	0.017		0.401	0.022	T	0.47	0.02	L	9.0280	0.0021	0.014	85		9.00	9.05					1							
37592	8.729	0.012	8.493	0.013		0.225	0.017	T	0.25	0.02	L	8.5547	0.0012	0.012	105		8.54	8.58		C			1							
37593	7.477	0.006	7.321	0.007		0.150	0.009	T	0.17	0.01	L	7.3553	0.0010	0.009	95		7.34	7.37		C			1							S
37594	8.136	0.011	7.744	0.010		0.344	0.006	G	0.40	0.01	H	7.8022	0.0010	0.011	108		7.78	7.82		C			1							S
37595	9.484	0.017	8.024	0.010		1.230	0.015	T	1.19	0.01	L	8.0286	0.0078	0.046	110		7.97	8.11		U 2			1							P
37596	8.441	0.009	8.377	0.011		0.064	0.013	T	0.07	0.01	L	8.3973	0.0009	0.012	135		8.38	8.42		C			1							
37597	7.564	0.007	7.635	0.011		−0.057	0.021	G	−0.04	0.02	H	7.6333	0.0010	0.010	102		7.61	7.65		C			1							S
37598	9.305	0.014	7.456	0.007		1.537	0.012	T	1.59	0.03	L	7.3988	0.0010	0.010	114		7.38	7.41		C			1							S
37599	7.543	0.005	6.324	0.003		1.049	0.003	G	1.03	0.04	E	6.3705	0.0010	0.007	122		6.36	6.39					1							S
37600	10.497	0.032	8.984	0.015		1.274	0.029	T	1.23	0.03	L	9.0162	0.0026	0.024	148		8.97	9.06					1							

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Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	$\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	σ α* mas (14)	σ δ mas (15)	σ π mas (16)	σ $\mu_{\alpha*}$ mas/yr (17)	σ μ_δ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	F1 % (29)	F2 (30)
37601		07 42 54.23	+45 49 04.9	7.87		H	115.725 969 95	+45.818 014 83		3.35	−6.86	−43.80	1.09	0.77	1.15	1.43	0.92	+9	+19	−11	+3	−10	+5	−4	−6	+21	+13	0	2.22
37602		07 42 55.55	+29 50 03.4	9.32		H	115.731 455 90	+29.834 271 03		4.12	17.96	−23.80	1.34	0.64	1.38	1.75	1.08	−24	+13	−4	−16	−22	+15	−29	−9	+6	+4	0	−0.21
37603		07 42 56.29	−21 59 40.0	6.82		H	115.734 539 41	−21.994 433 85		7.29	77.01	−119.02	0.68	0.65	0.91	0.77	0.82	−12	−8	−24	−36	+20	−1	+22	−28	−4	−6	5	−1.13
37604	H	07 42 56.38	+65 17 26.5	8.23		G	115.734 897 86	+65.290 693 03	A	6.05	6.33	9.52	1.79	1.45	1.60	1.25	1.23	+15	+10	−14	+1	+11	+4	+17	−20	+21	+42	0	−0.01
*37605		07 42 57.20	+68 07 07.7	8.49		H	115.738 347 60	+68.118 814 02		3.42	0.45	−2.67	0.56	0.76	1.15	0.52	0.83	+7	+13	−7	−28	−11	+6	−12	−2	+11	+14	0	0.07
*37606		07 42 57.16	−45 10 18.4	5.04		G	115.738 171 03	−45.171 772 84		41.43	−77.76	−553.41	0.68	0.68	0.81	0.78	0.79	+5	+20	+15	+12	−8	+0	−10	+4	−6	−11	2	
37607		07 42 57.49	+60 17 44.3	10.27		H	115.739 553 86	+60.295 638 30		16.63	−93.15	5.58	1.14	0.98	1.74	1.39	1.42	−9	+12	−4	+21	+7	−8	−3	−21	−4	−31	0	0.92
37608	H	07 42 58.95	−17 03 42.0	6.53		H	115.745 607 65	−17.061 676 56	A	7.40	−6.70	30.14	1.14	0.92	1.12	0.75	0.73	−20	+15	−5	−48	+8	−11	+5	−31	+9	−22	3	0.54
37609		07 43 00.46	+58 42 37.8	4.93		H	115.751 907 00	+58.710 487 07		13.75	−36.99	−52.11	0.44	0.35	0.65	0.44	0.46	−2	+31	−12	+40	+25	+6	+22	−13	+6	−17	0	0.19
37610		07 43 01.63	−43 15 29.0	9.02		G	115.756 784 45	−43.258 057 36		3.49	−8.22	11.51	0.64	0.71	0.81	0.67	0.83	−3	+9	+2	+2	−7	−9	−8	+7	−14	−8	0	−0.12
37611		07 43 03.06	−27 40 06.3	6.93		H	115.762 765 79	−27.668 410 12		9.14	−23.20	13.56	0.37	0.52	0.77	0.43	0.64	+16	+1	−1	+21	−2	+10	−5	−13	−8	+8	0	−1.24
37612		07 43 03.14	−33 18 45.3	7.37		G	115.763 103 31	−33.312 577 57		11.62	−63.92	51.85	0.48	0.52	0.69	0.54	0.64	+1	−4	−1	+5	−4	+3	−6	−2	+12	−15	0	−1.30
37613		07 43 05.11	+76 45 36.4	8.10		G	115.771 278 23	+76.760 098 23		6.51	5.64	25.93	0.53	0.54	0.80	0.55	0.73	+1	+11	−16	−5	−3	−6	−1	−16	+15	+22	1	0.11
37614	H	07 43 05.42	+00 11 21.7	6.17		H	115.772 573 60	+00.189 364 49	A	7.20	0.94	−12.89	1.05	0.60	1.02	1.27	0.56	−15	+26	−14	−16	+1	+9	+9	−29	+16	+4	4	0.52
37615		07 43 06.44	+48 41 10.1	9.81	2	H	115.776 821 50	+48.686 145 95		1.14	−5.05	−23.73	1.82	1.29	1.94	2.36	1.44	−13	+42	−26	+25	−28	+19	−16	−14	−2	+7	4	0.32
37616		07 43 06.81	−38 51 49.3	6.89		G	115.778 394 61	−38.863 690 15		2.81	−11.50	4.61	0.46	0.51	0.60	0.53	0.65	+6	−2	−10	+14	−2	+16	+0	+23	−14	−7	1	−0.75
*37617		07 43 06.98	−49 59 34.7	6.56		H	115.779 063 61	−49.992 960 45		4.12	−0.33	−14.11	0.44	0.43	0.49	0.54	0.50	+4	+11	+0	+6	−9	+4	−10	−3	−1	−13	0	0.73
*37618		07 43 06.92	−39 57 40.2	9.15		H	115.778 824 54	−39.961 169 34		10.48	−70.90	133.71	0.73	0.80	0.95	0.80	1.01	−3	+21	−3	+1	+2	−10	+1	+7	−8	−14	0	−0.94
37619		07 43 08.75	+01 02 30.5	8.15		H	115.786 452 35	+01.041 814 81		3.78	−9.08	−4.56	1.04	0.59	1.14	1.10	0.57	−3	+33	−16	−12	−4	−17	−5	−30	+7	−6	2	−0.45
37620		07 43 10.17	+39 17 54.7	9.27		G	115.792 355 36	+39.298 529 36		7.90	4.56	46.65	1.63	1.25	1.84	2.45	1.56	−30	+19	−10	+14	−5	+41	−6	−9	−24	−37	0	−0.01
37621		07 43 11.55	−61 54 04.5	8.18		H	115.798 136 16	−61.901 260 93		11.48	10.94	1.50	0.62	0.58	0.63	0.72	0.79	−13	+0	−3	+11	−13	+2	−16	+1	+15	−27	0	0.48
37622		07 43 11.77	+18 10 46.4	11.32		G	115.799 022 86	+18.179 561 61		32.36	−50.66	−473.95	2.35	1.57	2.62	2.66	1.69	−38	+33	−11	−12	+0	−25	+0	−21	+9	−44	0	0.83
37623		07 43 12.00	−36 03 00.4	5.60		H	115.799 992 30	−36.050 124 00		5.45	−21.14	14.17	0.38	0.40	0.52	0.41	0.49	+1	+9	−4	+12	−5	+9	−6	+5	+2	−4	0	−0.42
37624		07 43 14.42	−04 07 51.5	7.19		G	115.810 065 09	−04.130 965 91		14.24	1.45	−35.81	0.95	0.51	1.03	1.11	0.47	+11	+37	−12	−27	−15	−18	−7	−48	+16	+27	2	−0.58
37625		07 43 14.90	−14 00 08.7	9.25		G	115.812 084 87	−14.002 418 75		1.06	−6.63	2.56	0.95	0.72	1.32	1.27	0.80	−1	+15	−5	+8	+30	−18	+30	−25	−1	+18	0	−0.03
37626		07 43 15.49	+67 36 31.0	9.04		H	115.814 522 59	+67.608 604 40		3.85	−1.91	−18.15	0.58	0.84	1.28	0.52	0.93	+22	+7	+0	−35	−30	+7	−37	+2	+10	+33	2	1.11
37627		07 43 16.49	+69 20 11.7	7.03		H	115.818 689 82	+69.336 580 62		6.26	−8.19	−54.96	0.32	0.47	0.72	0.38	0.53	+31	+10	+0	+17	−9	+7	−9	−17	+12	+29	0	−0.83
37628		07 43 16.79	−33 48 10.9	7.46		H	115.819 973 80	−33.803 014 88		3.23	−9.50	8.82	0.48	0.53	0.68	0.53	0.64	+7	+0	−3	+4	−13	−2	−16	−5	−2	−8	0	−0.06
37629		07 43 18.69	+28 53 02.7	4.23	2	H	115.827 855 45	+28.884 071 70		26.68	61.84	−231.26	0.79	0.40	0.79	0.88	0.62	−15	+12	−11	−24	−23	+3	−31	−9	+11	−3	0	0.01
37630		07 43 19.81	+58 20 07.4	8.60		H	115.832 546 61	+58.335 382 03		1.52	1.01	−3.20	0.69	0.55	0.99	0.78	0.77	−1	+13	+7	+43	+16	−5	+8	−4	+9	−31	0	−0.24
37631		07 43 19.89	−70 03 50.0	7.85		H	115.832 878 16	−70.063 895 56		9.45	29.52	−99.00	0.62	0.57	0.59	0.76	0.73	−16	+4	+1	−6	−16	−3	−12	−6	+1	−11	0	0.25
37632		07 43 20.17	−22 17 54.9	6.94		H	115.834 062 24	−22.298 575 18		4.97	61.29	−2.83	0.63	0.63	0.94	0.72	0.85	−3	+2	−16	−21	+15	−18	+16	−2	−10	−9	0	1.60
37633		07 43 20.91	+32 39 55.4	9.36		H	115.837 122 36	+32.665 386 84		7.75	−16.64	−17.95	1.30	0.88	1.42	1.60	1.24	−35	+30	−5	+4	+17	−11	+10	−28	−20	−34	0	0.68
37634		07 43 21.21	+04 56 44.9	6.50		H	115.838 358 51	+04.945 800 67		5.07	−23.34	−16.04	0.92	0.48	0.91	1.10	0.47	−27	+20	−24	−42	+13	−32	+13	−47	+25	−36	3	−0.66
37635		07 43 21.54	−52 09 52.2	6.69	1	G	115.839 759 80	−52.164 503 03		33.13	−61.68	164.39	0.45	0.45	0.50	0.51	0.50	+9	+14	+12	−6	−7	−9	−4	+16	−9	−5	0	1.15
37636		07 43 22.20	+22 23 58.0	6.25		H	115.842 479 68	+22.399 432 31		10.63	−22.55	16.32	0.89	0.50	0.97	0.93	0.63	−21	+46	−25	−16	−8	−18	−13	−11	+2	−16	0	0.63
37637		07 43 23.10	−47 02 48.0	7.86		H	115.846 237 92	−47.046 674 10		2.71	−5.72	8.40	0.55	0.55	0.62	0.60	0.70	+2	+2	+4	−10	−13	−2	−13	+13	−7	−5	0	−0.04
37638		07 43 24.18	−54 04 32.6	9.42		H	115.850 767 17	−54.075 731 67		2.45	−5.66	−4.41	0.90	0.86	0.97	1.17	1.07	+1	+7	+17	+15	−8	−6	−9	−6	+4	−11	0	0.29
37639		07 43 24.60	−29 21 35.9	8.23		H	115.852 498 92	−29.359 982 88		8.24	−14.23	86.83	0.54	0.71	1.01	0.68	0.90	+5	−3	+2	+22	+2	+3	−3	−4	−7	−18	0	1.17
37640		07 43 26.67	+33 08 02.3	8.59		H	115.861 120 04	+33.133 964 98		8.02	−25.50	−11.87	1.17	0.88	1.26	1.22	1.03	−48	+47	−28	−2	+11	−3	+0	−19	−15	−48	0	−0.67
37641		07 43 28.98	−29 19 12.5	10.00		G	115.870 739 71	−29.320 128 23		−1.95	−3.46	1.13	0.88	1.09	1.64	1.04	1.48	+2	+13	+12	+21	+0	+7	−10	−7	−26	−25	0	2.28
37642		07 43 29.09	+26 35 43.1	8.63		H	115.871 216 19	+26.595 307 65		0.02	−6.91	−2.54	1.02	0.65	1.18	1.45	0.84	−42	+4	−15	+27	−18	−43	−24	+16	+11	−26	0	−0.42
37643		07 43 29.63	−54 14 28.8	6.88		H	115.873 459 42	−54.241 328 55		6.84	−0.04	13.32	0.51	0.49	0.55	0.66	0.60	+2	+8	+12	+7	−9	+9	−10	−7	+2	−4	2	2.46
37644		07 43 29.81	+19 16 35.1	9.00		H	115.874 188 26	+19.276 403 59		7.16	−22.87	−32.75	1.17	0.74	1.27	1.14	0.72	−31	+38	−20	−18	−8	−11	−6	−23	+9	−41	2	−0.09
37645	H	07 43 31.09	+03 29 09.8	6.97		H	115.879 560 75	+03.486 065 14	A	18.96	16.84	−81.05	1.19	0.67	1.11	1.23	0.60	−19	+23	−7	−33	−4	−13	+1	−34	+6	−9	1	0.54
*37646	H	07 43 32.17	−27 10 45.2	7.96		G	115.884 053 65	−27.179 214 41	*	4.21	−6.50	6.02	0.40	0.60	0.97	0.46	0.73	+22	+11	+6	+5	+1	−4	−2	−15	−10	+14	1	0.62
*37647		07 43 32.13	−04 40 50.4	7.14		G	115.883 881 46	−04.680 655 30		2.78	−8.72	−2.40	0.89	0.56	0.95	1.24	0.54	+32	+11	−32	−42	−43	+1	−32	−58	+35	+49	0	−0.24
37648		07 43 32.40	−28 24 39.4	4.63	1	H	115.884 981 87	−28.410 957 14		3.34	−13.62	29.79	0.33	0.42	0.59	0.38	0.54	+8	−4	+5	+17	+6	+15	+2	−14	−14	−8	1	0.23
37649		07 43 33.69	−45 51 50.5	7.23	2	G	115.890 361 33	−45.864 017 12		2.14	−10.05	19.80	0.54	0.51	0.61	0.65	0.60	+8	+20	+17	+19	−16	+3	−15	+8	+5	−3	0	1.04
37650		07 43 34.88	+23 47 21.9	9.25		H	115.895 323 47	+23.789 411 17		3.75	−9.48	−2.39	1.41	0.91	1.54	1.87	1.25	−40	+19	−15	−4	−5	+4	−3	−17	−1	−29	0	−0.03
37651		07 43 35.26	−10 08 30.4	7.45		H	115.896 936 43	−10.141 781 33		4.02	−8.30	−2.55	0.60	0.41	0.92	0.77	0.38	−17	−6	−7	+13	+32	−30	+36	−43	+2	+5	0	−0.47
37652		07 43 35.72	−21 16 53.7	8.00	1	G	115.898 815 82	−21.281 596 41		2.58	−3.50	0.96	0.69	0.65	0.98	0.80	0.84	+1	+2	−11	−20	+3	−6	+3	−17	+9	+14	2	0.40
37653		07 43 36.01	−37 05 20.9	8.55		G	115.900 055 51	−37.089 148 67		3.47	−8.38	4.05	0.55	0.63	0.75	0.56	0.75	−10	+6	−19	+2	−7	+6	−6	+14	−6	−18	0	−0.75
37654		07 43 36.68	−01 20 53.5	7.32		H	115.902 815 24	−01.348 186 99		2.22	19.10	−12.22	0.97	0.60	1.13	1.12	0.65	−19	+45	−27	+14	−12	+1	−1	−10	+14	+6	0	0.10
37655		07 43 37.34	−04 42 28.5	6.91		H	115.905 599 98	−04.707 903 68		6.48	−31.26	−1.32	0.84	0.51	0.92	1.11	0.49	+18	+24	−25	−30	−27	−12	−18	−48	+25	+35	0	−0.37
37656		07 43 37.49	+06 17 05.5	7.39		G	115.906 219 34	+06.284 854 27		7.87	8.13	−5.55	0.96	0.43	0.95	1.05	0.42	+1	+37	−6	−12	−10	−20	−10	−36	+4	−8	2	0.35
37657	H	07 43 37.95	+08 16 23.1	8.81		H	115.908 136 86	+08.273 081 55	A	4.08	−22.72	−12.75	1.54	0.91	1.55	1.64	0.78	−35	+30	−18	−14	+9	−21	+13	−33	+20	−36	0	−0.61
37658		07 43 38.93	−35 37 46.5	9.19		H	115.912 198 36	−35.629 581 57		0.91	−5.13	2.55	0.76	0.83	1.06	0.87	1.00	−4	+1	−16	+20	−7	+13	−8	−5	+8	−16	0	−0.15
37659		07 43 39.05	−41 28 03.6	7.32	2	H	115.912 701 89	−41.467 673 43		1.91	−7.80	−0.77	0.50	0.56	0.63	0.56	0.65	+2	−7	−16	−25	−7	+16	−5	−19	+2	−7	0	0.58
37660		07 43 39.11	−25 30 13.8	6.56		H	115.912 969 44	−25.503 838 57		0.20	−4.22	1.47	0.40	0.47	0.69	0.42	0.61	−3	+17	−14	+32	+8	+0	+5	−4	−9	−9	0	−0.87
37661		07 43 39.33	−06 18 35.2	8.81		H	115.913 874 58	−06.309 764 66		−1.94	−2.39	−6.70	0.94	0.57	1.17	1.22	0.56	+24	+28	−7	−14	−1	−18	+1	−43	+21	+26	0	−1.30
37662		07 43 39.47	+16 16 40.5	9.42		H	115.914 477 88	+16.277 918 69		3.97	−8.21	−0.69	1.13	0.70	1.24	1.21	0.74	−24	+40	−13	−13	−3	−15	−6	−25	−2	−29	0	−0.39
37663		07 43 40.17	−52 50 22.4	8.40		H	115.917 390 88	−52.839 547 14		1.63	−7.82	7.89	0.62	0.61	0.68	0.65	0.70	+13	+19	+21	−14	−14	−3	−14	+0	−8	−5	3	0.23
37664		07 43 41.83	−40 56 00.0	5.12		H	115.924 282 24	−40.933 329 61		15.13	131.14	−171.23	0.39	0.43	0.49	0.42	0.52	+4	+5	−17	−12	−1	+10	+0	−18	+5	−9	0	−1.20
37665		07 43 42.54	+13 40 08.2	9.20		H	115.927 254 45	+13.668 953 63		0.95	4.15	−1.97	1.24	0.83	1.33	1.24	0.70	−24	+22	−33	−27	−14	−14	−9	−35	+23	−33	0	−0.47
37666		07 43 42.93	−38 12 06.9	6.42		H	115.928 880 42	−38.201 917 48		5.62	−21.41	15.59	0.44	0.49	0.57	0.50	0.67	+10	+0	−17	−9	−10	−1	−11	−1	−3	−1	3	0.54
37667		07 43 43.11	−22 10 04.8	7.87		G	115.929 641 20	−22.168 010 12		5.16	−4.08	−2.17	0.70	0.66	0.95	0.82	0.96	−5	+1	−14	−24	+23	−13	+27	−7	−2	−9	0	−0.67
37668		07 43 43.39	−41 23 09.4	8.73	2	H	115.930 786 50	−41.385 947 42		1.46	−3.84	8.15	0.65	0.69	0.78	0.69	0.84	−2	−4	−13	−31	−7	+11	−6	−18	+5	−12	0	−0.02
*37669		07 43 44.19	−63 17 32.9	8.73		H	115.934 145 77	−63.292 464 71		6.61	−46.30	43.35	0.82	0.73	0.81	1.01	0.99	−1	+6	−4	−11	−5	+0	−5	−6	−4	−33	1	0.21
*37670		07 43 44.18	−00 03 46.6	11.24		G	115.934 103 96	−00.062 950 44	B	10.58	−175.12	−294.77	17.42	9.70	13.03	19.38	11.69	+12	+19	−17	−35	−28	+2	−30	−17	+3	+23	10	1.89
*37671		07 43 44.07	−00 03 58.3	10.39		H	115.933 613 87	−00.066 189 50	A	3.08	−185.14	−304.68	7.04	3.56	5.42	7.59	3.64	+8	+30	+1	−43	−15	+14	−18	−40	−15	+13	10	1.89
37672		07 43 46.06	−55 32 57.6	8.51		H	115.941 935 48	−55.549 336 17		0.70	−11.06	1.83	0.78	0.72	0.80	1.02	1.00	+0	+9	−2	+9	−2	+10	−5	−26	+8	−10	0	1.13
37673		07 43 46.44	+59 17 20.7	7.66		G	115.943 502 73	+59.289 073 29		6.65	−9.85	10.51	0.61	0.47	0.84	0.69	0.67	−12	+29	−6	+44	+9	+6	−1	−13	+5	−34	0	−0.86
37674		07 43 47.29	+43 47 40.9	7.18		G	115.947 050 92	+43.794 691 57		11.50	−92.65	−16.34	0.99	0.72	1.03	1.44	0.87	+28	−1	−30	−2	−26	+11	−19	−16	+34	+36	0	2.40
37675		07 43 47.92	−40 18 33.6	6.58	2	T	115.949 656 75	−40.309 328 09		3.36	−6.30	1.14	0.41	0.43	0.52	0.43	0.52	+2	+19	−12	+6	−1	+2	−2	+0	−4	−10	0	−1.41
37676		07 43 48.43	−52 12 21.4	8.29		H	115.951 773 19	−52.205 950 14		1.30	−3.05	9.49	0.63	0.62	0.70	0.77	0.70	+5	+17	+17	+3	−8	−1	−9	+1	−5	−16	0	−0.21
37677		07 43 48.47	−28 57 17.4	3.94	1	H	115.951 967 16	−28.954 835 20		−0.37	−4.57	3.88	0.35	0.45	0.62	0.42	0.58	+7	−1	+4	+9	+8	+25	+3	−18	−22	−17	1	−0.53
37678		07 43 48.49	−36 13 06.5	7.73		H	115.952 058 31	−36.218 478 07		2.01	−2.36	0.04	0.51	0.53	0.68	0.55	0.62	−5	+17	−7	+23	−6	+16	−7	+5	−4	−13	0	−3.12
37679		07 43 49.97	+09 36 13.2	7.88		H	115.958 197 96	+09.603 661 09		7.02	−37.68	−8.14	0.83	0.48	0.93	0.87	0.44	−6	+33	−4	−14	−19	−32	−16	−25	+13	−29	2	0.22
37680		07 43 50.07	−24 48 49.1	10.45		G	115.958 609 78	−24.813 626 09		−1.80	−3.09	5.45	1.17	1.29	2.04	1.65	1.66	−8	+5	−22	−31	+4	+19	+8	+0	+13	−1	0	2.17
37681		07 43 51.03	+77 52 38.6	9.25		H	115.962 615 42	+77.877 375 56		6.14	31.00	8.31	0.69	0.78	1.03	0.84	1.01	−2	+23	+3	+9	−4	−8	−3	−25	−4	+4	0	−0.55
37682		07 43 51.78	−07 16 31.1	8.19		H	115.965 761 22	−07.275 311 80		5.36	4.48	50.06	0.91	0.50	1.10	1.24	0.47	+31	+27	−6	−13	−10	−29	−6	−46	+14	+38	0	−0.64
37683		07 43 52.00	−46 51 07.0	9.45		H	115.966 651 84	−46.851 951 37		18.63	51.11	−149.99	0.82	0.83	0.95	0.92	1.08	+4	+6	+3	−11	−4	+0	−1	+11	−1	−11	2	−0.85
37684		07 43 52.67	−37 43 13.8	8.07		G	115.969 442 03	−37.720 505 52		2.22	−7.73	4.22	0.58	0.65	0.77	0.65	0.87	−3	+20	−16	−22	−5	−14	−6	+2	+3	−12	0	−0.78
37685		07 43 53.50	+15 15 27.8	7.27		G	115.972 910 46	+15.257 728 10		5.48	−10.90	−22.17	0.85	0.49	0.93	0.87	0.48	−24	+44	−24	−6	−11	−13	−9	−24	+12	−32	0	−1.01
37686		07 43 53.87	+36 02 28.0	10.38	2	H	115.974 443 29	+36.041 120 96		9.23	3.41	−27.55	2.13	1.33	2.17	2.49	1.45	+12	+37	−20	+3	−20	+26	−10	−4	+7	+13	6	1.78
37687		07 43 53.92	−64 37 24.8	9.16		H	115.974 649 23	−64.623 563 46		1.34	−21.61	48.14	0.75	0.77	0.82	0.80	0.91	−10	+7	+10	+7	−12	+4	−15	+1	−4	−29	0	−1.39
37688		07 43 55.52	−16 10 41.2	8.15		H	115.981 329 16	−16.178 101 14		3.85	−9.38	0.12	0.64	0.52	0.95	0.65	0.53	−2	+19	−10	−30	+11	−19	+11	−31	+8	+16	0	−0.36
37689		07 43 56.47	−41 51 12.7	8.86		H	115.985 287 94	−41.853 529 69		4.69	−7.92	4.89	0.63	0.71	0.81	0.77	0.85	−4	+3	−8	−19	−6	+19	−4	−6	+3	−9	0	−1.10
37690		07 43 57.89	−23 40 49.5	10.36		H	115.991 205 72	−23.680 419 87		6.08	−4.03	7.80	1.63	1.69	2.39	2.14	2.11	−9	+18	−21	−19	+8	−8	+7	−17	+2	−18	0	1.59
37691		07 43 58.05	+24 14 38.6	7.06		G	115.991 893 80	+24.244 043 30		2.98	−14.47	−11.31	0.82	0.49	0.90	0.84	0.56	−29	+44	−18	+1	−9	−7	−7	−13	+6	−28	2	−0.96
37692		07 43 58.15	−28 25 53.8	8.09	2	H	115.992 305 74	−28.431 602 10		2.00	−7.37	4.87	0.45	0.61	0.87	0.53	0.77	+2	−6	+3	+17	+3	+26	−2	−12	−14	−18	0	0.26
37693		07 43 58.99	+29 24 21.8	9.21		H	115.995 805 35	+29.406 063 19		1.26	−0.95	−4.24	1.31	0.65	1.29	1.49	0.98	−22	+9	−8	−25	−21	+10	−31	−12	+5	−1	2	−0.51
37694		07 43 59.63	+52 39 00.6	8.62		H	115.998 439 27	+52.650 165 95		6.76	−6.15	−49.83	0.80	0.58	1.06	1.14	0.81	+4	+29	+1	−18	−29	−5	−29	−19	−10	+7	0	−1.25
37695		07 44 00.78	−67 12 07.6	7.62	2	H	116.003 229 22	−67.202 112 63		2.48	−0.19	31.52	0.59	0.56	0.63	0.62	0.71	−4	+20	+12	−18	−6	−22	−4	−8	−1	−27	0	−0.76
37696		07 44 01.83	−52 39 49.2	8.76		H	116.007 637 66	−52.663 675 34		2.96	−11.40	37.89	0.76	0.70	0.80	0.83	0.87	+12	+10	+13	−29	−3	+7	−1	−5	−10	−8	0	−1.00
37697		07 44 02.51	−38 49 04.8	7.42		G	116.010 478 21	−38.817 990 06		5.96	−23.00	15.31	0.49	0.52	0.63	0.55	0.66	+4	−7	−16	+13	−1	+13	+3	+19	−13	−8	0	−2.38
37698		07 44 02.90	−33 52 43.4	9.53		G	116.012 086 62	−33.878 715 00		4.26	−2.79	−1.68	0.80	0.85	1.14	0.91	1.08	+8	+0	+1	+11	−9	−8	−11	+3	+1	−11	0	0.84
37699		07 44 03.35	−42 58 39.6	7.20		H	116.013 957 15	−42.977 664 31		1.54	−4.07	18.61	0.47	0.53	0.59	0.48	0.61	+0	+6	−5	−2	−7	+1	−7	+12	−15	−8	1	0.06
37700		07 44 03.56	+01 19 21.0	9.88		H	116.014 838 53	+01.322 506 10		4.89	−7.51	1.73	1.61	0.92	1.75	1.61	1.13	−28	+40	−31	−29	+11	−19	+5	−16	−2	−19	0	0.34

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
37601	9.177	0.020	7.980	0.013		1.025	0.019	T	1.00	0.02	L	8.0347	0.0019	0.012	47		8.01	8.06		C			1							S
37602	9.719	0.022	9.351	0.023		0.349	0.030	T	0.41	0.04	L	9.4037	0.0024	0.021	117		9.37	9.44					1							
37603	8.232	0.011	6.941	0.008		1.098	0.011	T	1.06	0.01	L	6.9875	0.0010	0.012	95		6.97	7.01					1							S
37604	8.615	0.010	8.261	0.010	*	0.320	0.001	G	0.37	0.00	H	*	8.3032	0.0017	0.018	129	*	8.28	8.34		D	07429+6517	M 1	2 C	A	AB	74	0.422	0.007	1.73	0.05	S
37605	9.972	0.016	8.624	0.009		1.143	0.014	T	1.11	0.01	L	8.6606	0.0016	0.021	218		8.63	8.70					1							
37606	5.995	0.003	5.131	0.002		0.765	0.017	G	0.80	0.00	A	5.1867	0.0005	0.005	138		5.18	5.20		C			1 X							S
37607	11.309	0.067	10.343	0.044		0.836	0.062	T	0.88	0.07	L	10.4098	0.0042	0.032	118		10.35	10.46					1							G
37608	7.556	0.006	6.638	0.004	*	0.813	0.005	T	0.84	0.00	L	*	6.6814	0.0008	0.008	150	*	6.67	6.70		D	07430−1704	I 1	2 C	A	AB	81	0.425	0.002	0.50	0.01	S
37609	5.063	0.002	4.967	0.002		0.104	0.015	G	0.17	0.03	C		4.9827	0.0004	0.005	184		4.98	4.99			07430+5843	I 1	1							S
37610	8.989	0.012	8.988	0.015		−0.006	0.015	G	0.01	0.01	H		9.0265	0.0021	0.018	127		9.00	9.05					1							
37611	7.151	0.004	6.952	0.004		0.183	0.005	T	0.20	0.01	L		6.9942	0.0011	0.012	187		6.98	7.01					1							S
37612	7.781	0.005	7.395	0.007		0.340	0.015	G	0.40	0.02	H		7.4590	0.0011	0.012	150		7.44	7.48					1							S
37613	8.481	0.008	8.124	0.008		0.338	0.011	T	0.39	0.01	L		8.1844	0.0014	0.014	143		8.16	8.21		C			1							S
37614	7.547	0.009	6.322	0.005	*	1.047	0.008	T	1.02	0.01	L	*	6.3378	0.0006	0.006	102	*	6.33	6.35		D	07431+0011	I 1	2 C	A	AC	232	0.832	0.005	1.83	0.02	S D
37615	10.247	0.045	9.887	0.051		0.341	0.063	T	0.40	0.09	L		9.8907	0.0053	0.089	49		9.83	10.37		U 2 C			1							G P
37616	8.200	0.009	7.015	0.007		1.026	0.003	G	0.97	0.04	E		7.0646	0.0009	0.009	113		7.05	7.08		C			1							S
37617	6.657	0.003	6.572	0.004		0.077	0.005	T	0.09	0.01	L		6.5966	0.0006	0.006	134		6.59	6.61		C			1							S
37618	9.891	0.020	9.201	0.017		0.625	0.020	T	0.69	0.02	L		9.2809	0.0021	0.019	129		9.24	9.31		C			1							
37619	8.039	0.008	8.121	0.010		−0.070	0.012	T	−0.05	0.01	L		8.1293	0.0016	0.014	100		8.10	8.15					1							S
37620	9.776	0.029	9.330	0.030		0.453	0.003	G	0.52	0.00	H		9.3681	0.0029	0.017	38		9.34	9.40					1							
37621	8.662	0.011	8.230	0.010		0.436	0.015	G	0.50	0.02	H		8.2819	0.0012	0.010	116		8.27	8.30		C			1							S
37622						1.400	0.020	G	1.67	0.05	I		11.3586	0.0046	0.042	82		11.29	11.44		C			1							G
37623	5.421	0.002	5.572	0.003		−0.130	0.003	T	−0.12	0.00	L		5.5594	0.0005	0.005	133		5.55	5.57		C			1							S
37624	7.595	0.007	7.235	0.007		0.341	0.009	T	0.40	0.01	L		7.2677	0.0011	0.008	84		7.26	7.29		C			1							S
37625	9.192	0.015	9.214	0.020		−0.040	0.020	G	−0.02	0.02	H		9.2423	0.0020	0.021	126		9.21	9.29					1							
37626	9.170	0.010	9.044	0.012		0.122	0.015	T	0.14	0.01	L		9.0854	0.0016	0.022	248		9.04	9.13					1							
37627	8.466	0.006	7.150	0.003		1.118	0.005	T	1.08	0.01	L		7.2009	0.0006	0.010	298		7.18	7.22					1							S
37628	7.597	0.007	7.475	0.007		0.118	0.009	T	0.13	0.01	L		7.5023	0.0013	0.012	149		7.48	7.52					1							S
37629	5.691	0.004	4.374	0.003		1.118	0.006	G	1.12	0.05	G		4.3955	0.0011	0.020	129		4.37	4.45		U 2 C	07433+2854	I 1	1	S						S
37630	10.445	0.032	8.779	0.015		1.393	0.028	T	1.37	0.03	L		8.7438	0.0015	0.021	175		8.71	8.79					1							
37631	8.571	0.010	7.914	0.009		0.602	0.015	G	0.67	0.01	H		7.9781	0.0014	0.011	108		7.96	8.00					1 G							S
37632	8.094	0.010	7.044	0.008		0.912	0.010	T	0.91	0.01	L		7.1032	0.0011	0.011	95		7.08	7.12					1							S
37633	9.795	0.032	9.412	0.034		0.363	0.043	T	0.42	0.05	L		9.4449	0.0028	0.018	65		9.40	9.48		C			1							
37634	8.270	0.009	6.651	0.004		1.356	0.008	T	1.32	0.01	L		6.6509	0.0008	0.007	109		6.64	6.67		C			1							S
37635	7.349	0.005	6.750	0.005		0.550	0.007	G	0.62	0.01	H		6.8055	0.0014	0.011	127		6.79	6.83		M			1							S
37636	7.415	0.007	6.341	0.005		0.930	0.015	G	0.84	0.04	E		6.3984	0.0009	0.006	88		6.39	6.41		C			1							S
37637	7.749	0.008	7.850	0.008		−0.072	0.015	G	−0.05	0.01	H		7.8401	0.0012	0.009	125		7.82	7.86		C			1							S
37638	11.193	0.059	9.515	0.022		1.402	0.050	T	1.38	0.06	L		9.5630	0.0020	0.020	120		9.52	9.62					1							
37639	9.010	0.013	8.304	0.011		0.616	0.022	G	0.68	0.02	H		8.3604	0.0016	0.020	162		8.33	8.39					1							
37640	8.950	0.018	8.581	0.018		0.350	0.024	T	0.41	0.03	L		8.6705	0.0018	0.016	62		8.64	8.69		C			1							
37641	10.176	0.034	10.006	0.044		0.197	0.021	G	0.22	0.02	H		10.0971	0.0030	0.033	153		10.03	10.16		C			1							G
37642	10.462	0.041	8.754	0.017		1.426	0.035	T	1.41	0.06	L		8.7616	0.0021	0.017	89		8.73	8.79					1							
37643	8.040	0.008	6.980	0.005		0.919	0.007	T	0.92	0.01	L		7.0389	0.0008	0.007	112		7.03	7.05		D	07435−5415	I 1	1							S
37644	10.265	0.038	9.132	0.024		0.975	0.035	T	0.96	0.03	L		9.1604	0.0021	0.016	86		9.14	9.20		C			1							
37645	7.648	0.009	7.024	0.007	*	0.581	0.010	T	0.65	0.01	L	*	7.0964	0.0010	0.008	106	*	7.08	7.12		D	07435+0330	I 1	2 C	A	AB	147	9.709	0.025	3.49	0.10	S
37646	8.055	0.007	7.970	0.007	*	0.077	0.004	G	0.09	0.00	H	*	7.9906	0.0012	0.016	242	*	7.97	8.02			07435−2711	I 1	2 C S	A	AS	244	0.135	0.005	0.49	0.27	
37647	7.008	0.007	7.124	0.009		−0.084	0.006	G	−0.06	0.01	H		7.1166	0.0011	0.007	85		7.11	7.13		C			1							S
37648	6.756	0.005	4.805	0.002		1.632	0.006	G	1.76	0.02	A		4.7310	0.0009	0.011	164		4.72	4.75		U 2	07435−2825	I 1	1							S
37649	9.502	0.017	7.451	0.007		1.720	0.015	G	1.73	0.09	H		7.3323	0.0028	0.023	124		7.30	7.36		U 2			1							S
37650	9.334	0.022	9.229	0.028		0.102	0.033	T	0.12	0.04	L		9.2820	0.0033	0.030	68		9.25	9.34					1							
37651	9.011	0.008	7.566	0.005		1.219	0.007	T	1.18	0.01	L		7.6100	0.0008	0.010	218		7.59	7.63					1							
37652	7.977	0.009	7.981	0.011		−0.002	0.012	T	0.02	0.01	L		8.0081	0.0025	0.021	109		7.97	8.04		U			1							
37653	8.464	0.009	8.514	0.011		−0.070	0.015	G	−0.05	0.01	H		8.5401	0.0016	0.017	126		8.51	8.57		C			1							
37654	8.948	0.016	7.449	0.009		1.261	0.014	T	1.22	0.01	L		7.4821	0.0017	0.012	73		7.46	7.51		C			1							
37655	8.058	0.010	6.997	0.009		0.920	0.010	T	0.92	0.01	L		7.0731	0.0009	0.008	87		7.06	7.09		C			1							S
37656	7.466	0.005	7.390	0.006		0.064	0.001	G	0.07	0.00	H		7.4109	0.0009	0.008	109		7.39	7.42					1							S
37657	9.217	0.014	8.834	0.015	*	0.363	0.020	T	0.42	0.02	L	*	8.8916	0.0019	0.018	121	*	8.87	8.93			07436+0816	H 1	2 C	A	AB	208	0.604	0.013	3.01	0.05	
37658	11.058	0.062	9.323	0.023		1.447	0.052	T	1.45	0.08	L		9.3235	0.0021	0.019	133		9.28	9.36		C			1							
37659	9.520	0.018	7.531	0.007		1.685	0.016	T	2.14	0.04	O		7.3936	0.0018	0.022	110		7.37	7.43		U 2			1							S
37660	6.635	0.003	6.558	0.004		0.065	0.003	G	0.06	0.00	L		6.5783	0.0006	0.009	203		6.56	6.60			07437−2530	I 1	1							S
37661	10.757	0.039	8.936	0.014		1.515	0.033	T	1.55	0.05	L		8.9335	0.0013	0.020	145		8.90	8.97		C			1							
37662	9.429	0.023	9.413	0.030		0.019	0.035	T	0.04	0.03	L		9.4317	0.0017	0.015	80		9.40	9.45		C			1							
37663	8.352	0.009	8.393	0.012		−0.035	0.013	T	−0.01	0.01	L		8.3941	0.0010	0.012	110		8.37	8.41		C			1							
37664	6.548	0.003	5.247	0.003		1.104	0.002	G	1.05	0.04	E		5.2921	0.0006	0.006	123		5.28	5.30		C			1							S
37665	9.638	0.025	9.250	0.027		0.367	0.034	T	0.43	0.04	L		9.2888	0.0020	0.015	91		9.26	9.31		C			1							
37666	6.258	0.004	6.395	0.004		−0.119	0.005	T	−0.10	0.01	L		6.3841	0.0007	0.008	111		6.37	6.39					1							S
37667	8.004	0.011	7.849	0.012		0.088	0.000	G	0.10	0.00	H		7.9038	0.0014	0.012	95		7.88	7.93		C			1							S
37668	8.644	0.011	8.731	0.015		−0.074	0.016	T	−0.05	0.02	L		8.7155	0.0070	0.067	112		8.65	8.82	0.82	P 1 A			1							P
37669	9.159	0.014	8.773	0.015		0.377	0.017	T	0.44	0.02	L		8.8155	0.0019	0.017	99		8.78	8.84		C			1							
37670						0.540	0.030	G	0.61	0.03	H		11.8762	0.0136			B				D	07437−0004	I 2	1 C I C							
37671	10.823	0.074	10.274	0.066	A	0.536	0.015	G	0.61	0.02	H		10.5112	0.0135	0.096	78	A	10.37	10.66		D	07437−0004	I 2	1 C P C							G
37672	10.516	0.033	8.673	0.014		1.533	0.028	T	1.58	0.06	L		8.6247	0.0019	0.018	104		8.60	8.66					1							
37673	8.065	0.007	7.698	0.007		0.367	0.015	G	0.43	0.02	H		7.7450	0.0009	0.011	161		7.72	7.77		C			1							S
37674	8.331	0.016	7.290	0.010		0.900	0.015	G	0.90	0.01	H		7.3369	0.0015	0.009	56		7.31	7.35					1							S
37675	6.403	0.005	6.554	0.006		−0.131	0.002	G	−0.12	0.00	H		6.5368	0.0055	0.045	132		6.47	6.59		U 2 C			1							S
37676	9.776	0.019	8.428	0.011		1.143	0.017	T	1.11	0.01	L		8.4574	0.0019	0.016	126		8.43	8.49					1							
37677	4.160	0.002	3.993	0.002		0.160	0.003	T	0.34	0.02	A		4.0152	0.0009	0.010	165		4.00	4.03		M			1							S
37678	9.315	0.020	7.848	0.011		1.236	0.018	T	1.19	0.02	L		7.8904	0.0015	0.013	140		7.87	7.91					1							
37679	8.161	0.010	7.911	0.011		0.238	0.014	T	0.27	0.02	L		7.9472	0.0009	0.009	105		7.93	7.96					1							S
37680	10.387	0.050	10.487	0.085		−0.060	0.020	G	−0.04	0.02	H		10.3586	0.0037	0.032	115		10.31	10.43					1							G
37681	9.795	0.019	9.279	0.019		0.485	0.024	T	0.56	0.03	L		9.3564	0.0022	0.023	138		9.31	9.40			07439+7753	I 1	1	S						
37682	9.496	0.014	8.307	0.009		1.018	0.013	T	0.99	0.01	L		8.3537	0.0015	0.013	142		8.33	8.38		C			1							
37683	10.408	0.030	9.529	0.022		0.769	0.029	T	0.81	0.02	L		9.5948	0.0030	0.023	116		9.56	9.63		C			1							
37684	8.021	0.011	8.049	0.013		−0.027	0.001	G	−0.01	0.00	H		8.0715	0.0016	0.014	116		8.05	8.10		C			1							
37685	7.621	0.008	7.317	0.009		0.296	0.015	G	0.34	0.02	H		7.3493	0.0009	0.009	93		7.34	7.36		C			1							S
37686	11.119	0.074	10.334	0.059		0.713	0.073	T	0.77	0.06	L		10.5273	0.0090	0.069	52		10.35	10.59		U 2			1							G
37687	10.754	0.039	9.292	0.019		1.232	0.034	T	1.19	0.03	L		9.3281	0.0019	0.021	124		9.29	9.37		C			1							
37688	8.141	0.007	8.153	0.009		−0.006	0.010	T	0.01	0.01	L		8.1546	0.0012	0.016	148		8.13	8.18					1							
37689	8.836	0.010	8.849	0.013		−0.010	0.014	T	0.01	0.01	L		8.8709	0.0019	0.015	119		8.85	8.90		C			1							
37690	10.557	0.046	10.414	0.061		0.138	0.072	T	0.15	0.07	L		10.4125	0.0045	0.043	104		10.34	10.48					1							G
37691	7.353	0.007	7.094	0.008		0.270	0.015	G	0.30	0.02	H		7.1318	0.0010	0.007	86		7.12	7.14		C			1							S
37692	7.939	0.008	8.063	0.011		−0.119	0.008	G	−0.10	0.01	H		8.0558	0.0039	0.038	160		8.00	8.10	0.74	P 1 A			1							
37693	10.439	0.036	9.358	0.023		0.935	0.033	T	0.93	0.02	L		9.3666	0.0016	0.019	123		9.34	9.40		C			1							
37694	9.094	0.012	8.652	0.012		0.417	0.016	T	0.48	0.02	L		8.7160	0.0014	0.014	132		8.69	8.74		C			1							
37695	9.667	0.019	7.879	0.009		1.519	0.017	T	2.77	0.03	O		7.5827	0.0059	0.042	110		7.51	7.67		U 2			1	S						S
37696	10.260	0.029	8.917	0.016		1.139	0.026	T	1.10	0.03	L		8.9267	0.0020	0.014	115		8.90	8.95					1							
37697	7.342	0.006	7.409	0.007		−0.057	0.005	G	−0.04	0.01	H		7.4054	0.0011	0.010	118		7.39	7.42		C			1							S
37698	9.645	0.020	9.537	0.025		0.080	0.020	G	0.09	0.02	H		9.5447	0.0027	0.026	139		9.51	9.58					1							G
37699	9.308	0.014	7.399	0.006		1.619	0.013	T	2.04	0.04	O		7.2757	0.0014	0.012	126		7.26	7.30					1							S
37700	10.164	0.041	9.976	0.055		0.180	0.064	T	0.20	0.07	L		9.9437	0.0028	0.019	67		9.90	9.97		C			1							G

Number		Descriptor: epoch J1991.25					Position: epoch J1991.25			Par.	Proper Motion		Standard Errors					Astrometric Correlations (%)										Soln	
HIP		RA h m s	Dec ±° ′ ″	V mag			α (ICRS) deg	δ deg		π mas	$\mu_{\alpha*}$ mas/yr	μ_δ mas/yr	α* mas	δ mas	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ mas/yr	δ/α*	π/α*	π/δ	$\mu_{\alpha*}$/α*	$\mu_{\alpha*}$/δ	$\mu_{\alpha*}$/π	μ_δ/α*	μ_δ/δ	μ_δ/π	μ_δ/$\mu_{\alpha*}$	F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
37701	H	07 44 04.19	+50 26 01.9	5.31		H	116.017 448 92	+50.433 861 15	A	4.73	−9.29	−27.78	0.63	0.49	0.78	0.78	0.60	−11	+15	−18	−23	−39	+14	−32	−23	+6	−1	2	1.67
37702		07 44 05.15	−31 19 57.1	7.85		H	116.021 456 22	−31.332 537 23		2.93	0.81	−2.67	0.49	0.68	0.85	0.59	0.98	+5	+3	−2	+17	−12	+19	−14	+3	−13	+6	0	−0.88
37703		07 44 05.66	+65 26 17.3	8.19		H	116.023 601 46	+65.438 130 81		4.57	6.30	−5.48	0.77	0.74	1.13	0.86	0.85	+1	+19	−24	+21	+7	+3	+18	−20	+23	+23	1	0.49
37704		07 44 06.92	+25 47 03.2	5.30		H	116.028 847 62	+25.784 210 56		5.48	−13.40	−21.21	0.66	0.41	0.73	0.71	0.48	−31	+34	−10	+4	−16	−26	−19	−1	+5	−36	0	−0.89
37705		07 44 07.64	+02 24 19.6	6.46	2	H	116.031 850 66	+02.405 443 16		7.53	−18.14	−8.60	0.83	0.46	0.94	0.94	0.49	−14	+37	−16	−11	−2	−35	−6	−18	+3	−8	4	1.15
37706		07 44 08.57	+42 18 34.7	7.83	2	H	116.035 723 30	+42.309 637 50		2.07	−5.86	−11.65	1.26	0.92	1.41	1.61	0.94	+5	+28	−38	+31	+32	−29	+21	+5	−12	+29	0	2.08
37707		07 44 09.49	+38 50 16.3	7.49	2	H	116.039 537 98	+38.837 860 41		1.84	−1.50	−21.88	1.17	0.84	1.58	1.94	1.04	−17	+3	−16	−17	−3	+59	+8	−32	−28	−24	0	−0.44
37708		07 44 09.67	+14 10 23.7	7.30	2	H	116.040 272 20	+14.173 245 96		2.62	−16.62	−12.82	1.02	0.56	1.10	0.98	0.52	−10	+35	−37	−38	−23	−25	−15	−32	+35	−30	0	−0.71
37709		07 44 09.67	−31 40 50.6	7.51		H	116.040 283 57	−31.680 718 45		2.97	−4.05	1.29	0.46	0.61	0.74	0.53	0.85	+2	+6	−2	+22	−5	+14	−6	+10	−1	−1	1	0.37
37710		07 44 09.74	−36 03 45.8	5.80		H	116.040 597 32	−36.062 713 26		22.99	−79.39	85.83	0.39	0.40	0.51	0.41	0.47	+1	+6	−10	+26	−7	+12	−7	+10	+7	−4	1	−1.57
37711		07 44 10.78	−37 09 54.4	9.11		H	116.044 922 31	−37.165 122 13		2.07	−1.63	17.62	0.69	0.77	0.95	0.75	0.96	−1	+3	−17	+10	+2	+4	+2	+2	−4	−6	0	−0.20
37712		07 44 10.94	−03 15 04.8	8.28		H	116.045 574 62	−03.251 327 31		9.08	−34.51	−13.83	1.06	0.86	1.23	1.31	1.10	−22	+38	−39	+1	−18	+0	−27	+27	−14	+6	0	0.60
37713		07 44 11.31	−32 27 46.1	8.25		H	116.047 105 36	−32.462 795 66		5.23	10.95	−12.46	0.57	0.84	0.95	0.67	1.06	+3	+5	+5	+23	+6	+16	+5	+24	+19	+3	2	0.86
37714	H	07 44 11.32	+49 33 35.9	9.63		H	116.047 182 11	+49.559 984 26	A	7.91	−0.60	−12.07	2.78	2.75	2.98	3.48	2.85	−35	+34	−26	+1	−2	+15	+4	−36	−2	−36	1	1.06
37715		07 44 11.49	−27 42 36.6	8.60		H	116.047 858 08	−27.710 153 11		13.18	−64.21	109.33	0.52	0.75	1.14	0.58	0.83	+11	+3	+8	+25	−6	+11	−11	−22	−18	−2	0	0.65
37716		07 44 11.73	−24 40 44.1	10.17		H	116.048 895 83	−24.678 924 39		3.29	−4.10	1.66	1.09	1.15	1.66	1.53	1.61	−12	+12	−30	−21	+11	+9	+10	+6	+3	+9	0	1.72
37717		07 44 12.39	−10 44 15.8	9.39		H	116.051 629 68	−10.737 715 04		1.89	−3.00	1.26	0.88	0.63	1.26	1.10	0.57	−20	+6	−12	−9	+25	−28	+28	−46	+3	+8	0	−0.95
37718		07 44 12.62	−50 27 25.5	6.64		H	116.052 569 20	−50.457 075 17		32.45	−113.83	143.25	0.49	0.47	0.55	0.58	0.55	+4	+23	+9	+0	−4	−8	−2	+0	+3	−19	0	−0.20
37719		07 44 12.92	−33 59 28.4	9.89		G	116.053 819 37	−33.991 225 88		1.59	−3.63	0.98	0.88	0.96	1.26	0.99	1.24	+7	+5	+0	+7	−10	−16	−12	+5	+2	−8	0	1.83
37720		07 44 13.10	−69 49 17.8	6.16		H	116.054 568 97	−69.821 616 24		8.09	−46.70	9.56	0.48	0.47	0.48	0.58	0.61	−13	+10	−2	−3	−12	−5	−5	−9	+5	−8	0	0.24
37721		07 44 13.39	−29 34 05.0	9.43		H	116.055 810 20	−29.568 064 34		1.64	−1.46	−2.47	0.81	1.16	1.53	1.05	1.63	+15	+2	−12	−3	+2	+17	+5	+7	−14	+1	2	0.90
37722		07 44 13.86	+20 12 06.2	7.35		H	116.057 731 53	+20.201 727 83		19.79	70.36	−111.45	1.01	0.58	1.09	0.82	0.55	−47	+65	−36	−15	+5	−5	+3	−31	+3	−45	0	1.17
37723		07 44 14.07	+12 51 36.4	6.40		H	116.058 608 71	+12.860 116 02		3.72	−14.56	−18.44	0.82	0.46	0.87	0.92	0.47	−12	+35	−16	−17	−19	−13	−13	−25	+15	−25	0	−0.09
37724		07 44 14.84	−58 27 57.6	8.32		H	116.061 844 21	−58.466 012 28		4.55	−3.70	32.61	0.64	0.63	0.68	0.72	0.73	−9	−6	+17	+5	−11	−7	−9	+11	+1	−26	0	−0.49
37725		07 44 15.74	−17 51 50.2	7.73		H	116.065 568 36	−17.863 932 89		1.64	−2.59	−4.79	0.53	0.53	0.87	0.55	0.51	−11	+19	−2	−23	+12	−17	+13	−31	−1	+11	0	1.75
37726		07 44 16.02	−51 47 07.1	7.75		H	116.066 743 68	−51.785 298 99		2.49	−7.76	−19.60	0.54	0.55	0.61	0.63	0.67	+0	+21	+9	−4	−2	+2	−3	−1	−8	−17	0	−0.10
37727		07 44 16.58	−50 28 01.1	7.55		H	116.069 075 97	−50.466 962 23		33.25	−111.23	142.85	0.60	0.58	0.67	0.70	0.70	+5	+24	+12	−4	+0	−3	+1	−2	+5	−17	0	−0.27
37728		07 44 17.56	−53 08 55.6	8.84		H	116.073 160 80	−53.148 771 69		3.16	−8.51	−3.21	0.91	0.75	0.88	0.97	0.89	+5	+5	+17	−28	−9	+7	−8	−12	−6	−16	0	0.58
37729	H	07 44 18.45	−23 53 23.7	8.18		G	116.076 893 43	−23.889 924 04	A	4.50	−3.90	3.28	1.47	1.60	1.98	1.76	1.92	−5	+5	−32	−16	+6	−8	+3	−12	+3	+3	5	2.02
37730		07 44 18.62	+38 42 08.0	9.28		H	116.077 564 39	+38.702 228 02		6.70	−75.28	−45.62	1.69	1.21	2.19	2.91	1.45	−4	−16	−13	−11	+10	+50	+24	−31	−25	+0	0	0.46
37731		07 44 19.09	−57 56 45.8	8.88		H	116.079 544 39	−57.946 060 92		3.39	−12.35	−18.42	0.76	0.73	0.78	0.78	0.84	−18	−21	+7	+17	−3	+3	−2	+18	−1	−22	0	−0.05
37732		07 44 19.76	−05 03 19.5	7.72		H	116.082 348 22	−05.055 412 16		21.33	−31.63	192.75	0.91	0.67	1.11	1.30	0.92	−1	+20	−39	−5	+13	−38	−8	+21	−11	+30	0	−1.86
37733		07 44 20.17	−25 42 50.0	8.26		H	116.084 061 66	−25.713 875 08		0.64	−5.78	6.33	0.52	0.65	0.95	0.55	0.81	−5	+11	−22	+50	+5	−3	−1	+3	−3	−15	0	0.38
37734		07 44 20.54	+45 22 06.6	7.50		H	116.085 569 34	+45.368 503 47		8.25	−2.08	−10.92	0.94	0.68	1.03	1.39	0.84	+11	+6	−20	−3	−10	+10	−5	−14	+27	+26	0	2.67
37735	H	07 44 20.65	−69 30 40.5	8.79		H	116.086 030 96	−69.511 238 56	A	20.33	2.50	95.17	1.50	1.45	1.42	1.56	1.84	−5	+18	−4	−4	−4	+6	−1	+7	−5	−25	1	0.17
37736	H	07 44 21.27	−30 14 05.7	7.69		H	116.088 644 30	−30.234 913 88	A	4.16	−7.68	1.70	0.67	0.87	1.04	0.72	1.11	+6	+15	+9	+13	−7	+10	−9	+19	−1	+0	1	−0.37
37737		07 44 23.29	−09 33 49.9	8.40		H	116.097 050 86	−09.563 847 74		4.43	−3.11	−5.90	0.67	0.50	1.05	0.88	0.45	−23	+5	−17	+8	+37	−35	+38	−43	+9	−3	0	0.64
37738		07 44 24.58	−23 50 44.0	9.77	2	G	116.102 400 78	−23.845 543 97		5.32	−2.30	6.81	1.18	1.31	1.92	1.60	1.53	+0	+6	−33	−7	+4	−12	+0	−19	+16	−10	0	0.04
37739		07 44 26.85	−40 33 01.4	7.75		H	116.111 873 23	−40.550 385 87		3.18	1.94	8.42	0.53	0.58	0.68	0.53	0.69	−3	+14	−13	−6	+5	+4	+8	−6	+9	−21	0	−1.40
37740		07 44 26.87	+24 23 53.3	3.57		H	116.111 952 37	+24.398 129 29		22.73	−22.45	−56.24	0.78	0.44	0.83	0.75	0.48	−24	+50	−11	+18	−12	−7	−9	−1	+6	−26	2	−1.17
37741		07 44 27.09	+70 44 40.8	8.07		H	116.112 865 49	+70.744 677 33		0.18	−15.63	−59.52	0.53	0.64	0.95	0.67	0.78	+28	+7	−18	+9	−16	+10	−13	−20	+4	+32	0	1.52
37742		07 44 27.56	−37 39 48.1	8.30		G	116.114 845 93	−37.663 354 64		2.62	−9.37	5.45	0.59	0.66	0.79	0.65	0.88	−1	+20	−20	−22	−6	−13	−9	−1	−1	−6	0	−0.07
37743	H	07 44 29.42	−21 30 24.4	10.02	2	H	116.122 591 78	−21.506 778 80	A	−0.86	−5.67	1.99	2.86	2.27	3.22	2.93	2.69	+2	−16	−19	−39	+13	+0	+13	−15	+10	+4	1	1.13
37744		07 44 29.62	+35 10 25.7	10.17		H	116.123 408 12	+35.173 801 87		5.08	1.07	0.55	1.61	1.03	1.60	1.89	1.14	+9	+22	−15	+7	−16	+3	−14	+3	+3	+15	0	1.77
37745		07 44 29.63	+18 36 05.0	8.36		H	116.123 447 76	+18.601 399 47		0.08	1.25	0.34	1.00	0.63	1.12	1.00	0.63	−28	+36	−22	−17	+1	−22	−3	−25	+6	−37	0	3.68
37746	H	07 44 31.55	−25 37 42.6	11.02		G	116.131 459 04	−25.628 497 12	A	−4.29	−2.20	−0.99	6.09	6.62	2.71	1.59	2.17	−67	+2	−2	+23	+6	+1	+0	−13	−8	−30	1	−0.41
37747		07 44 32.05	+23 20 42.9	7.38	1	H	116.133 523 39	+23.345 245 24		3.41	14.79	−19.86	0.92	0.54	1.01	1.08	0.66	−26	+39	−13	−9	−3	−14	−7	−25	−8	−20	0	0.77
37748		07 44 32.31	+36 41 44.6	9.54	2	H	116.134 617 81	+36.695 733 98		4.77	−3.18	−23.40	1.51	1.12	1.73	1.90	1.20	−37	+40	−36	+13	+0	+25	+10	−20	−6	−9	0	1.41
37749		07 44 33.23	+06 14 23.1	9.34		H	116.138 456 85	+06.239 757 39		4.34	−6.82	−5.98	1.41	0.71	1.61	1.68	0.71	−15	+33	−17	−24	−8	−43	−9	−27	+14	−19	2	0.72
37750	H	07 44 33.78	−12 18 49.5	8.55		H	116.140 766 09	−12.313 750 15	A	1.61	−3.40	4.31	1.11	0.88	1.49	1.21	0.74	−6	−5	−9	−8	+12	−32	+4	−37	+2	+5	0	−0.52
37751		07 44 34.17	−24 40 26.7	5.62	2	G	116.142 386 12	−24.674 091 86		1.75	−4.27	5.23	0.47	0.45	0.67	0.62	0.53	+8	+15	−12	−3	+2	+0	+4	−8	+10	+12	0	−1.26
37752		07 44 34.20	−37 56 34.6	5.89		H	116.142 497 07	−37.942 955 45		5.36	−22.23	15.72	0.40	0.48	0.57	0.45	0.62	+1	+16	−29	−16	−2	−9	−3	+0	+7	−4	1	0.44
37753		07 44 34.71	−59 30 20.6	8.69		H	116.144 609 97	−59.505 731 99		1.75	−9.72	2.27	0.79	0.74	0.82	0.82	0.92	−10	−6	+11	+0	−3	+12	−5	+4	−4	−18	1	0.66
37754		07 44 35.34	−15 58 24.3	8.60		H	116.147 265 58	−15.973 407 80		0.17	1.67	8.63	0.80	0.63	1.16	0.89	0.68	+6	+10	−8	−23	+10	−26	+9	−30	+0	+14	0	−0.39
37755		07 44 35.51	+11 55 39.0	8.99		H	116.147 943 94	+11.927 489 89		2.75	4.31	−7.97	1.17	0.70	1.20	1.43	0.78	−17	+9	+12	−29	−5	−16	−2	−31	+5	−46	0	0.06
37756		07 44 36.02	−33 04 52.7	12.16		H	116.150 097 27	−33.081 297 78	B	3.41	−21.39	1.16	42.17	51.71	33.13	25.57	37.05	+7	+11	+3	−6	−4	+3	−5	+6	−10	−5	2	−0.04
37757		07 44 36.36	−35 07 55.6	8.03		H	116.151 505 33	−35.132 115 58		6.44	−17.55	−9.94	0.56	0.58	0.76	0.63	0.73	+11	−1	−9	+26	−3	+21	−3	+16	+18	+5	1	1.64
37758		07 44 36.58	−17 17 26.6	8.07	2	H	116.152 401 12	−17.290 708 81	A	11.12	−23.22	1.32	1.48	1.29	1.86	1.09	0.96	−18	+10	−13	−43	+7	−13	+5	−29	+7	−9	12	2.19
37759		07 44 37.04	+17 28 38.5	8.90		H	116.154 344 14	+17.477 366 27		2.93	−16.39	1.43	1.03	0.64	1.15	1.20	0.71	−35	+38	−16	−5	−8	−13	−2	−18	+15	−36	0	0.74
37760		07 44 37.89	−33 04 50.9	8.86		H	116.157 861 68	−33.080 812 40	A	2.28	0.14	−0.88	1.63	1.89	1.84	1.64	2.38	+9	+15	+4	+11	+1	+3	+2	+20	−3	+1	2	−0.04
37761	H	07 44 38.11	+31 06 50.2	7.97		H	116.158 800 45	+31.113 950 52	A	3.91	3.17	−10.66	1.81	0.80	1.55	1.84	1.12	−24	+10	−12	−18	−9	+6	−12	−17	+5	−7	2	1.34
37762		07 44 38.28	−42 43 35.9	9.14		H	116.159 519 80	−42.726 646 63		1.46	−1.43	−0.18	0.77	0.87	0.98	0.80	1.03	−3	+4	−11	−8	−7	+13	−6	+6	−4	−9	0	0.40
37763		07 44 38.66	−56 42 31.7	8.31	2	H	116.161 085 03	−56.708 802 05		2.37	−4.01	8.15	0.61	0.68	0.70	0.71	0.95	+3	+13	+2	+6	+9	+20	+7	−11	−10	−7	0	0.24
37764		07 44 38.89	−01 53 59.3	9.93		H	116.162 056 09	−01.899 819 13		1.63	20.13	−15.66	1.81	1.40	1.99	2.50	1.71	+15	+5	−51	−50	−37	+27	−31	−37	+19	+40	0	−0.12
37765		07 44 40.23	−47 00 30.6	6.76		H	116.167 633 14	−47.008 491 98		4.03	−12.74	8.55	0.47	0.46	0.54	0.53	0.58	+8	+4	−3	−3	−10	−1	−12	+14	−19	+8	0	−1.07
37766		07 44 40.38	+03 33 12.8	11.19	2	G	116.168 232 69	+03.553 549 43		168.59	−344.87	−450.84	2.46	1.47	2.67	2.60	1.75	−12	+40	−6	−24	+1	−26	−5	−23	−10	−12	0	−0.41
37767		07 44 40.61	−54 38 24.4	7.73	2	H	116.169 221 47	−54.640 112 03		1.50	−6.87	13.36	0.62	0.59	0.66	0.82	0.74	+6	+13	+3	−10	−8	+13	−8	−17	+5	−4	0	0.63
37768		07 44 40.78	+77 46 41.4	9.28		H	116.169 907 78	+77.778 178 33		6.46	28.87	9.94	0.71	0.81	1.09	0.85	1.06	+1	+23	−6	+2	−5	−3	−4	−29	+2	+7	2	−0.60
37769		07 44 40.98	+17 00 16.6	8.45		H	116.170 758 68	+17.004 599 81		1.21	−0.16	−1.34	1.07	0.62	1.18	1.03	0.64	−44	+51	−30	−16	−4	−20	+1	−19	+18	−41	2	2.16
37770		07 44 41.62	+35 51 10.8	8.27		H	116.173 421 96	+35.852 989 16		0.38	−6.57	−13.19	1.22	0.74	1.31	1.49	0.85	−2	+35	−29	−3	−22	+15	−18	−7	−6	+20	0	0.72
37771		07 44 41.97	−23 50 16.8	10.10		H	116.174 859 03	−23.837 998 34		1.18	−0.16	2.58	1.40	1.53	2.25	1.85	1.69	−3	+9	−31	−3	+5	−5	+4	−21	+16	−6	0	1.09
37772		07 44 43.15	−17 41 35.8	7.78		H	116.179 802 02	−17.693 270 19		4.70	−11.40	18.02	0.58	0.55	0.96	0.61	0.55	−7	+22	−9	−28	+10	−19	+10	−31	+7	+9	1	2.10
37773		07 44 43.88	−66 04 19.4	6.37		G	116.182 823 29	−66.072 048 46		5.03	−15.97	47.43	0.45	0.46	0.51	0.39	0.52	−13	−3	+24	−21	−10	+9	−11	+1	−11	−35	0	2.23
37774		07 44 44.67	−62 27 07.4	8.04		H	116.186 114 21	−62.452 052 10		2.25	−9.09	31.53	0.70	0.62	0.70	0.91	0.81	−16	−5	+1	+15	−11	−4	−13	+7	+18	−36	1	0.63
37775		07 44 44.92	+32 20 45.5	8.42	2	G	116.187 154 35	+32.345 970 43		5.45	−8.20	−3.79	1.19	0.73	1.30	1.32	1.05	−30	+50	−7	−19	+13	−20	+8	−50	−8	−24	4	1.45
37776		07 44 45.87	−08 23 32.8	8.25		H	116.191 142 97	−08.392 431 57		1.37	−0.52	−3.47	0.66	0.49	1.07	0.80	0.43	−18	+2	−9	+26	+25	−36	+24	−31	+16	−12	0	0.01
37777		07 44 46.17	+76 04 33.2	8.00		H	116.192 372 40	+76.075 900 42		0.96	−4.21	−7.06	0.55	0.55	0.77	0.68	0.69	+2	+5	−9	−5	+2	+2	+2	−12	−3	+8	0	0.51
37778		07 44 46.31	−45 58 14.2	8.69		G	116.192 951 62	−45.970 622 60		2.75	−6.09	4.44	0.65	0.63	0.74	0.82	0.74	+2	+18	+9	+17	−13	−3	−13	+13	−7	−5	0	−1.04
37779		07 44 46.79	−13 05 56.3	11.42	3	H	116.194 963 98	−13.098 974 62		1.52	21.12	0.29	1.83	1.20	2.57	2.36	1.19	+6	+17	−10	+10	+19	−12	+22	−31	+15	+24	3	0.04
37780	H	07 44 47.01	−23 50 13.4	9.97		G	116.195 877 96	−23.837 046 50	A	2.87	−0.63	3.00	2.22	2.37	2.92	2.56	2.46	−6	+4	−21	−9	+8	−1	+13	−26	+7	+2	6	1.01
37781	H	07 44 47.15	−33 43 55.2	8.39		G	116.196 451 38	−33.732 010 20	A	21.34	−64.08	103.25	2.37	2.78	2.03	1.86	2.15	+25	−4	+0	−15	−7	−13	−8	−16	−3	−2	5	0.84
37782		07 44 47.89	−15 05 06.3	7.90		H	116.199 536 40	−15.085 092 02		8.45	−66.75	34.18	0.72	0.58	0.95	0.87	0.53	−12	+20	−7	−1	+32	−19	+33	−38	+7	+11	1	−1.47
37783		07 44 48.64	+21 50 04.8	9.34		H	116.202 657 72	+21.834 672 91		2.89	−9.40	4.64	1.31	0.81	1.52	1.93	0.90	−7	+27	−14	−16	−14	−37	−16	−23	−7	+13	0	1.18
37784		07 44 52.76	−16 07 20.1	8.30	1	H	116.219 828 73	−16.122 240 01		1.01	−3.87	2.68	0.64	0.51	0.95	0.66	0.47	+5	+13	−6	−27	+7	−17	+7	−34	+13	+14	0	0.61
37785		07 44 53.45	+48 43 41.8	8.12		G	116.222 694 19	+48.728 271 22		10.85	−36.02	−17.50	1.05	0.83	1.13	1.42	0.95	−5	+28	−23	+33	+12	−4	+13	−10	+11	+2	0	3.26
37786		07 44 54.33	+06 15 38.3	8.73		H	116.226 369 35	+06.260 652 55		3.69	0.87	−7.95	1.20	0.77	1.28	1.46	0.72	+10	+2	−16	−13	−19	−25	−21	−31	+13	−6	2	0.54
37787		07 44 56.03	−13 41 41.4	8.17		H	116.233 479 09	−13.694 846 06		4.05	−14.32	4.11	0.74	0.55	1.05	0.90	0.51	+1	+14	−6	+5	+24	−10	+25	−36	+11	+17	0	−0.62
37788	H	07 44 56.16	+24 19 13.8	8.49		H	116.234 017 54	+24.320 488 03	A	5.43	10.80	−6.83	1.63	1.05	1.59	1.74	1.01	−27	+31	−24	+7	−10	+6	+4	−26	+18	+4	1	0.52
37789		07 44 56.17	+39 33 28.9	6.74		H	116.234 043 31	+39.558 029 31		29.22	27.78	−683.88	0.90	0.65	0.96	1.18	0.77	+5	+18	−16	+22	+10	+11	+8	−8	−15	+9	0	1.33
37790		07 44 56.73	−40 27 46.1	8.43		H	116.236 386 64	−40.462 793 25		2.75	−3.25	7.24	0.57	0.65	0.76	0.57	0.77	+5	+18	−10	+1	−1	+7	−2	−16	+10	−14	0	−0.52
37791		07 44 58.22	−31 54 29.6	10.13	2	H	116.242 597 47	−31.908 218 97		1.62	−1.26	3.16	0.87	1.17	1.51	1.01	1.55	−4	+4	−3	+17	−2	+29	−2	+10	−5	−5	0	−0.15
37792		07 44 58.41	−02 21 37.2	9.70		H	116.243 376 91	−02.360 340 11		4.53	1.34	−11.81	1.65	1.37	2.06	2.57	1.86	+1	+1	−46	+7	−12	+7	−10	+4	+6	+39	0	−0.30
37793		07 44 58.52	−07 43 29.1	8.69		H	116.243 821 61	−07.724 739 27		3.43	−2.61	−1.28	0.71	0.50	1.08	0.93	0.50	+9	−1	−24	+20	+30	−38	+18	−27	+11	+1	1	0.53
37794		07 44 59.29	−58 57 19.5	8.93		H	116.247 054 17	−58.955 427 95		1.01	−3.36	10.00	0.74	0.70	0.78	0.81	0.76	−2	+0	+29	+4	−16	−6	−14	+9	−3	−16	0	−0.01
37795	H	07 44 59.71	+40 27 07.6	9.65		H	116.248 811 42	+40.452 112 94	A	2.13	−2.07	−5.76	2.79	1.96	2.67	3.55	2.15	+12	+27	−20	+28	+30	−21	+20	−1	−16	+28	0	−0.26
37796		07 45 00.26	−73 50 31.5	8.98		H	116.251 083 04	−73.842 081 40		6.32	−16.52	67.09	0.71	0.68	0.75	0.75	0.77	+2	+25	+19	−2	−15	+2	−16	+3	−2	−19	0	−0.06
37797		07 45 00.60	+15 53 42.1	7.87		H	116.252 484 99	+15.895 035 13		2.29	−0.33	−12.84	0.87	0.57	0.97	0.94	0.58	−37	+33	−18	−3	−9	−15	−6	−18	+16	−47	0	1.08
37798		07 45 01.14	+02 08 16.4	10.19		G	116.254 760 91	+02.137 879 35		40.58	63.62	−203.77	1.95	1.31	2.18	2.13	1.63	−16	+40	−28	−22	−7	−23	−21	+5	−11	+4	0	0.77
37799		07 45 01.89	+23 01 10.6	7.53		H	116.257 858 61	+23.019 623 07		4.99	12.77	−6.59	1.03	0.65	1.16	1.10	0.68	−40	+48	−36	−19	+11	−22	+5	−32	+4	−30	0	1.10
37800		07 45 02.91	+41 11 40.4	8.05		H	116.262 143 78	+41.194 567 21		2.25	−10.44	15.93	1.14	0.80	1.15	1.77	1.00	+15	+1	−3	+14	+0	+4	+3	−11	−6	+26	0	1.67

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
37701	5.314	0.002	5.320	0.002	*	−0.001	0.003	T	0.02	0.00	L *	5.3145	0.0007	0.006	169	*	5.31	5.33		D	07441+5026	M 1	2 C A	AB	162	0.914	0.009	3.13	0.03	S
37702	9.079	0.011	7.934	0.008		0.984	0.011	T	0.96	0.01	L	8.0114	0.0014	0.015	161		7.99	8.05					1							
37703	10.050	0.023	8.344	0.011		1.424	0.020	T	1.41	0.03	L	8.3274	0.0015	0.017	118		8.30	8.35		C			1							
37704	7.321	0.007	5.475	0.004		1.535	0.003	G	1.54	0.09	H	5.4224	0.0009	0.007	90		5.41	5.44					1							S
37705	6.731	0.007	6.495	0.007		0.211	0.008	G	0.25	0.02	A	6.5312	0.0049	0.027	77		6.50	6.57	0.10	P 1 A			1							S P
37706	9.992	0.036	8.030	0.015		1.663	0.032	T	2.02	0.10	O	7.9112	0.0055	0.026	45		7.88	7.96		U 2			1							
37707	9.600	0.028	7.756	0.013		1.565	0.025	T	2.78	0.08	O	7.4519	0.0240	0.160	42		7.20	7.66		U 2			1 S							S P
37708	9.386	0.019	7.523	0.008		1.581	0.017	T	2.34	0.06	O	7.3427	0.0095	0.047	87		7.27	7.40	5.58	P 1 A			1 S							S P
37709	7.920	0.007	7.551	0.006		0.350	0.009	T	0.41	0.01	L	7.5899	0.0009	0.012	158		7.56	7.61		C			1							S
37710	6.172	0.003	5.835	0.003		0.320	0.004	T	0.37	0.01	L	5.8737	0.0006	0.006	144		5.86	5.88		C			1							S
37711	11.081	0.054	9.267	0.019		1.510	0.045	T	1.54	0.07	L	9.2308	0.0017	0.019	129		9.20	9.26					1							
37712	8.883	0.019	8.338	0.018		0.508	0.015	G	0.58	0.02	H	8.3907	0.0020	0.012	52		8.37	8.41		C			1							
37713	9.565	0.015	8.359	0.010		1.032	0.014	T	1.00	0.01	L	8.4176	0.0017	0.018	145		8.39	8.45		C			1 G							
37714	10.621	0.042	9.843	0.033	A						T *	9.7766	0.0031	0.024	77	*	9.74	9.82		D	07442+4934	I 1	2 C A	AB	318	5.606	0.009	0.94	0.04	
37715	9.416	0.012	8.677	0.010		0.662	0.012	T	0.72	0.01	L	8.7297	0.0016	0.021	190		8.69	8.77					1							
37716	10.092	0.058	10.317	0.115		−0.196	0.110	T	−0.21	0.13	L	10.0939	0.0029	0.026	108		10.05	10.15		C			1							G
37717	9.432	0.014	9.396	0.018		0.038	0.021	T	0.05	0.02	L	9.4073	0.0018	0.025	205		9.37	9.46		C			1							G
37718	7.248	0.006	6.691	0.005		0.527	0.005	G	0.60	0.01	H	6.7514	0.0011	0.009	129		6.73	6.77			07442−5028	I 2	1							S
37719	9.869	0.022	9.911	0.033		−0.010	0.020	G	0.01	0.02	H	9.9003	0.0021	0.028	137		9.86	9.94					1							G
37720	6.119	0.003	6.159	0.004		−0.032	0.005	T	−0.01	0.01	L	6.1607	0.0006	0.005	120		6.15	6.17		C			1 G							S
37721	10.833	0.052	9.535	0.026		1.104	0.045	T	1.07	0.05	L	9.6001	0.0024	0.026	148		9.55	9.64		C			1 S							G
37722	8.155	0.010	7.406	0.008		0.685	0.010	T	0.74	0.01	L	7.4915	0.0009	0.008	89		7.48	7.51		C			1							S
37723	8.238	0.013	6.561	0.006		1.392	0.003	G	1.23	0.04	E	6.5626	0.0008	0.008	90		6.55	6.58		C			1							S
37724	9.569	0.016	8.432	0.010		0.978	0.015	T	0.96	0.01	L	8.4847	0.0019	0.017	130		8.46	8.51					1							
37725	7.709	0.006	7.711	0.007		0.003	0.008	T	0.02	0.01	L	7.7404	0.0013	0.013	152		7.72	7.76					1							S
37726	9.060	0.013	7.865	0.008		1.023	0.012	T	1.00	0.01	L	7.9154	0.0012	0.011	123		7.90	7.93		C			1							
37727	8.384	0.009	7.622	0.008		0.700	0.015	G	0.75	0.01	H	7.6924	0.0018	0.015	129		7.67	7.72			07442−5028	I 2	1							S
37728	10.203	0.028	8.981	0.017		1.044	0.026	T	1.01	0.02	L	9.0106	0.0023	0.019	103		8.98	9.04			07443−5309	I 1	1							
37729	10.265	0.061	8.338	0.023	A	1.460	0.042	G	1.47	0.07	R *	8.2780	0.0027	0.022	112	*	8.24	8.31			07443−2353	I 1	2 C C	AB	317	9.705	0.040	2.93	0.20	
37730	9.908	0.039	9.335	0.036		0.536	0.047	T	0.61	0.05	L	9.3968	0.0035	0.019	42		9.36	9.43		C			1							
37731	10.273	0.026	8.971	0.015		1.107	0.023	T	1.07	0.02	L	9.0437	0.0024	0.019	118		9.02	9.08		C			1							
37732	8.485	0.016	7.781	0.013		0.612	0.004	G	0.68	0.00	H	7.8510	0.0022	0.013	62		7.83	7.87					1							S
37733	8.385	0.007	8.266	0.008		0.115	0.010	T	0.13	0.01	L	8.3027	0.0014	0.015	196		8.28	8.33					1							
37734	8.808	0.017	7.615	0.011		1.022	0.016	T	1.00	0.01	L	7.6643	0.0020	0.011	51		7.65	7.68			07443+4522	I 1	1 S							S
37735	9.867	0.022	8.914	0.016	A	0.900	0.495	G	0.79	0.05	L *	8.9320	0.0017	0.015	104	*	8.90	8.97		D	07443−6931	I 1	2 C B	AB	129	6.125	0.053	3.41	0.22	
37736	7.721	0.007	7.706	0.008	*	0.014	0.010	T	0.03	0.01	L *	7.7067	0.0014	0.014	156	*	7.68	7.73		D	07444−3014	I 1	2 C A	AB	229	0.739	0.009	2.62	0.04	S
37737	8.496	0.006	8.410	0.008		0.084	0.009	T	0.10	0.01	L	8.4369	0.0009	0.014	195		8.41	8.46					1							S
37738	10.157	0.108	9.686	0.107		0.426	0.036	G	0.49	0.04	H	9.8793	0.0038	0.039	107		9.80	9.96		U			1							D
37739	9.416	0.015	7.882	0.008		1.289	0.013	T	1.25	0.01	L	7.9099	0.0010	0.011	128		7.89	7.93		C			1							
37740	4.767	0.003	3.674	0.003		0.932	0.002	G	0.90	0.00	G	3.7285	0.0004	0.004	82		3.72	3.73		C	07444+2424	I 1	1							S
37741	9.743	0.014	8.224	0.007		1.277	0.012	T	1.24	0.01	L	8.2341	0.0013	0.018	201		8.21	8.27					1							S
37742	8.256	0.012	8.304	0.015		−0.032	0.004	G	−0.01	0.00	H	8.3020	0.0017	0.014	123		8.28	8.33		C			1							
37743	10.317	0.036	10.175	0.049	*	0.203	0.015	G	0.22	0.02	H *	10.0876	0.0051	0.058	94	*	9.95	10.16		U 2	07445−2130	H 1	2 C A	AB	101	0.719	0.011	1.44	0.04	G
37744	10.812	0.062	10.314	0.062		0.589	0.072	G	0.66	0.07	R	10.2963	0.0037	0.029	62		10.24	10.34					1							G
37745	8.408	0.010	8.375	0.012		0.035	0.014	T	0.05	0.01	L	8.3842	0.0017	0.014	87		8.36	8.41		C			1 S							
37746	11.016	0.049	11.011	0.079	*	−0.030	0.015	G	−0.01	0.01	H *	11.0408	0.0036	0.037	189	*	10.98	11.12		C	07445−2538	H 1	2 C B	AB	133	0.338	0.037	1.42	0.34	G
37747	9.466	0.022	7.609	0.010		1.544	0.019	T	1.60	0.04	L	7.5012	0.0011	0.012	76		7.48	7.52		M			1 S							S
37748	10.129	0.041	9.560	0.041		0.532	0.052	T	0.60	0.06	L	9.6569	0.0067	0.055	51		9.62	9.87	1.39	P 1 A			1 S							
37749	10.632	0.050	9.418	0.029		1.038	0.045	T	1.01	0.04	L	9.5104	0.0021	0.017	94		9.48	9.54		C			1							
37750	8.654	0.009	8.628	0.011	*	0.030	0.002	G	0.05	0.00	H *	8.5667	0.0014	0.017	161	*	8.54	8.59		D	07446−1219	I 1	2 C A	AB	49	0.946	0.004	1.36	0.02	
37751	5.353	0.003	5.578	0.004		−0.191	0.002	G	−0.20	0.00	H	5.5503	0.0010	0.013	118		5.54	5.60	3.93	P 1 A			1							S
37752	5.741	0.003	5.866	0.005		−0.115	0.006	G	−0.10	0.01	H	5.8540	0.0007	0.007	115		5.84	5.87					1							S
37753	10.309	0.031	8.857	0.016		1.224	0.027	T	1.18	0.03	L	8.8569	0.0017	0.018	99		8.83	8.88					1							
37754	10.703	0.039	8.746	0.013		1.623	0.033	T	1.64	0.03	L	8.7159	0.0019	0.020	143		8.68	8.75					1							
37755	10.664	0.041	9.115	0.018		1.300	0.035	T	1.26	0.04	L	9.1504	0.0019	0.018	90		9.12	9.18		C			1							
37756						0.700	0.300	G	0.76	0.25	R	11.7232	0.2001			B				D	07446−3305	I 2	1 C I C							
37757	8.163	0.007	8.052	0.009		0.108	0.011	T	0.12	0.01	L	8.0693	0.0016	0.014	138		8.05	8.10					1							
37758	9.250	0.014	8.143	0.010	A	0.955	0.013	T	0.94	0.01	L	8.2338	0.0163	0.066	161	A	8.17	8.35		U 2	07446−1717	I 1	2 C A	AB	280	17.258	0.016	1.48	0.07	
37759	9.142	0.015	8.922	0.017		0.238	0.015	G	0.27	0.02	H	8.9724	0.0017	0.012	88		8.95	8.99		C			1							
37760	10.061	0.022	8.937	0.014	A	0.968	0.020	T	0.95	0.02	L	9.0256	0.0220	0.024	155	A	8.98	9.07		D	07446−3305	I 2	1 C P C							
37761	8.320	0.011	8.028	0.011	A	0.400	0.495	G	0.31	0.05	L *	8.0393	0.0015	0.012	110	*	8.02	8.06		D	07446+3107	I 1	2 C A	AB	125	1.048	0.011	1.94	0.03	S
37762	10.750	0.037	9.294	0.018		1.227	0.032	T	1.19	0.03	L	9.2988	0.0028	0.024	125		9.26	9.33					1							
37763	8.299	0.008	8.315	0.010		−0.010	0.012	T	0.01	0.01	L	8.3157	0.0015	0.017	109		8.29	8.35		U 2			1							S
37764	11.070	0.082	9.937	0.050		0.975	0.075	T	0.96	0.06	L	10.0861	0.0031	0.024	47		10.06	10.13		C			1							G
37765	6.650	0.004	6.735	0.005		−0.073	0.006	T	−0.05	0.01	L	6.7363	0.0008	0.007	117		6.73	6.75		C			1							S
37766						1.600	0.020	G	2.95	0.02	A	11.1969	0.0088	0.055	73		11.09	11.29		U			1							G
37767	9.981	0.023	7.932	0.009		1.734	0.020	T	2.10	0.06	O	7.8081	0.0027	0.022	108		7.77	7.84		U 2			1							
37768	9.903	0.020	9.312	0.018		0.552	0.024	T	0.62	0.02	L	9.4048	0.0024	0.020	133		9.36	9.44		C			1							
37769	8.473	0.012	8.448	0.015		0.028	0.018	T	0.04	0.01	L	8.4642	0.0013	0.011	85		8.44	8.48		C			1							S
37770	10.019	0.033	8.402	0.016		1.354	0.029	T	1.32	0.03	L	8.4203	0.0023	0.016	57		8.39	8.44		C			1							
37771	10.064	0.059	9.837	0.071		0.217	0.087	T	0.24	0.10	L	10.1336	0.0032	0.050	107		10.04	10.20					1							D
37772	9.293	0.013	7.909	0.008		1.171	0.012	T	1.13	0.01	L	7.9477	0.0013	0.012	147		7.93	7.97		C			1							
37773	7.572	0.006	6.492	0.005		0.949	0.003	G	0.94	0.04	E	6.5401	0.0008	0.006	108		6.53	6.55		C			1							S
37774	9.500	0.017	8.180	0.010		1.121	0.015	T	1.08	0.02	L	8.2086	0.0015	0.013	101		8.19	8.23		C			1							
37775	8.839	0.013	8.474	0.013		0.367	0.015	G	0.43	0.02	H	8.5120	0.0026	0.030	103		8.47	8.57	2.03	P 1 A			1 G							
37776	10.243	0.022	8.406	0.009		1.528	0.019	T	1.57	0.04	L	8.3709	0.0012	0.014	166		8.35	8.40		C			1							
37777	9.969	0.018	8.151	0.008		1.513	0.016	T	1.55	0.02	L	8.1245	0.0017	0.016	148		8.10	8.15					1							
37778	8.679	0.011	8.696	0.014		−0.001	0.001	G	0.02	0.00	H	8.7044	0.0018	0.015	122		8.68	8.73					1							
37779											T	11.5019	0.0330	0.285	127		11.09	11.82	0.73	P 1 A			1							G
37780	10.039	0.057	9.819	0.065	A	0.164	0.015	G	0.18	0.01	H *	9.9786	0.0042	0.036	105	*	9.92	10.03		C	07448−2350	H 1	2 C D	AB	13	3.111	0.129	3.68	0.57	D D
37781	9.714	0.025	8.744	0.018	*	0.793	0.003	G	0.82	0.00	H *	8.5345	0.0019	0.020	138	*	8.50	8.57		D	07448−3344	I 1	2 C A	AS	16	1.422	0.006	0.05	0.01	
37782	8.415	0.009	7.953	0.010		0.470	0.015	G	0.54	0.02	H	8.0043	0.0013	0.014	137		7.99	8.03		C			1							S
37783	10.353	0.042	9.403	0.030		0.837	0.038	T	0.86	0.03	L	9.4934	0.0021	0.022	76		9.46	9.53					1							
37784	8.273	0.008	8.299	0.010		−0.020	0.015	G	0.00	0.01	H	8.2998	0.0016	0.020	166		8.27	8.34		U			1							
37785	8.586	0.015	8.176	0.015		0.417	0.015	G	0.48	0.02	H	8.2168	0.0026	0.014	50		8.20	8.24		C			1							S
37786	10.218	0.030	8.844	0.016		1.163	0.027	T	1.12	0.02	L	8.9039	0.0024	0.018	91		8.87	8.94		C			1 S							
37787	8.224	0.008	8.171	0.010		0.048	0.011	T	0.06	0.01	L	8.1957	0.0013	0.014	147		8.17	8.23					1							
37788	9.154	0.020	8.586	0.018	A	0.600	0.495	G	0.62	0.05	L *	8.6097	0.0015	0.014	83	*	8.57	8.63		D	07449+2419	I 1	2 C D	AB	265	1.439	0.087	3.99	0.28	D
37789	7.385	0.007	6.804	0.006		0.545	0.007	T	0.62	0.01	L	6.8594	0.0014	0.007	54		6.84	6.87		C			1							S
37790	8.374	0.008	8.414	0.010		−0.034	0.011	T	−0.01	0.01	L	8.4263	0.0018	0.015	129		8.40	8.45		C			1							
37791	10.751	0.042	10.199	0.040		0.307	0.027	G	0.35	0.04	H	10.2100	0.0044	0.045	142		10.13	10.30		U			1 S							G
37792	11.163	0.081	9.769	0.042		1.179	0.072	T	1.14	0.07	L	9.8679	0.0029	0.023	47		9.83	9.92		C			1							G
37793	8.659	0.012	8.702	0.016		−0.035	0.018	T	−0.01	0.02	L	8.6819	0.0016	0.017	137		8.66	8.72		C			1							
37794	8.870	0.012	8.907	0.016		−0.029	0.018	T	−0.01	0.02	L	8.9310	0.0024	0.018	111		8.90	8.96					1							
37795	10.078	0.038	9.776	0.044	*	0.287	0.054	T	0.33	0.07	L *	9.7236	0.0056	0.021	45	*	9.69	9.75		D	07450+4027	M 1	2 C A	AB	7	0.797	0.007	1.42	0.03	
37796	9.432	0.017	9.033	0.017		0.390	0.020	T	0.46	0.02	L	9.0651	0.0014	0.014	109		9.05	9.10					1							
37797	7.858	0.008	7.874	0.013		−0.010	0.014	T	0.01	0.01	L	7.8785	0.0012	0.010	83		7.86	7.90		C			1							S
37798	11.893	0.193	10.228	0.072		1.349	0.005	G	1.62	0.00	A	10.2715	0.0053	0.025	50		10.25	10.34		C			1							G
37799	8.994	0.015	7.657	0.009		1.134	0.014	T	1.10	0.01	L	7.7000	0.0011	0.008	73		7.69	7.71		C			1							S
37800	9.372	0.029	8.181	0.019		1.020	0.027	T	0.99	0.02	L	8.2195	0.0023	0.013	48		8.20	8.24		C			1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
37801		07 45 03.21	−11 45 51.0	8.10		H	116.263 379 70	−11.764 176 73		0.27	−3.48	0.44	0.64	0.47	1.01	0.76	0.40	−5	−2	+5	−6	+10	−33	+16	−48	−2	+15	0	0.96
37802		07 45 04.22	+48 23 40.1	7.67		H	116.267 598 54	+48.394 467 39		15.29	−84.38	38.64	1.19	0.79	1.20	1.34	1.03	+11	+43	−10	+11	−20	+5	−15	−2	+9	+16	11	2.83
37803		07 45 04.78	−37 53 16.4	6.53		H	116.269 921 47	−37.887 883 49		3.54	−11.98	5.13	0.46	0.64	0.64	0.62	0.73	−1	+24	−32	−27	−12	−17	−9	−22	+8	+14	1	0.14
37804		07 45 05.91	+50 50 53.4	8.49		H	116.274 621 79	+50.848 172 76		5.04	−16.16	−37.50	0.86	0.59	1.18	1.33	0.90	+18	+5	−8	−33	−46	+17	−44	−23	+13	+16	0	−0.44
37805		07 45 06.30	+43 06 41.6	12.18	3	H	116.276 248 89	+43.111 543 06		−3.31	−6.69	1.11	4.38	2.60	4.18	5.08	3.26	+20	+54	+3	−9	−19	−16	−21	−8	−11	+15	0	2.07
37806		07 45 07.17	−50 17 16.4	7.70	1	G	116.279 875 34	−50.287 893 73		2.66	2.61	19.73	0.57	0.52	0.61	0.74	0.63	+1	+20	+4	+2	+3	−1	+3	−5	+6	−22	0	−1.08
37808		07 45 08.17	−48 54 55.2	7.84		H	116.284 038 44	−48.915 338 45		2.71	−9.83	−5.78	0.59	0.53	0.66	0.66	0.60	+4	+15	+14	+3	−2	+19	−7	−10	−14	−9	1	1.14
37809		07 45 08.42	−39 50 55.7	7.54		H	116.285 069 81	−39.848 803 23		2.11	−8.10	2.60	0.49	0.52	0.63	0.53	0.62	+5	+14	−3	+14	−6	+6	−8	+9	−8	−7	0	−1.68
37810		07 45 08.88	−61 20 43.4	9.89		G	116.286 989 99	−61.345 394 25		15.01	37.97	−212.67	1.02	1.05	1.08	1.16	1.47	−7	−2	−6	+13	−19	+10	−24	+2	−3	−25	0	−0.58
37811		07 45 09.34	+20 18 57.8	6.53		H	116.288 906 05	+20.316 048 67		7.08	−3.95	−1.33	0.82	0.48	0.87	0.73	0.51	−29	+55	−24	−18	−4	−8	−4	−26	+6	−42	0	−0.89
37812		07 45 09.81	−24 39 09.7	7.82		H	116.290 867 27	−24.652 681 68		1.04	−2.87	3.32	0.64	0.69	1.04	0.94	0.74	−7	+18	−26	+0	+7	−1	+8	−14	+17	+4	0	−0.44
37813		07 45 10.16	+47 14 27.7	9.93		H	116.292 326 24	+47.241 015 25		4.64	−5.38	−24.26	1.70	1.22	1.81	2.18	1.34	+0	+32	−29	+35	+27	−20	+16	+5	−15	+17	0	0.35
37814		07 45 10.38	−23 47 46.4	10.69		H	116.293 245 70	−23.796 225 82		0.86	1.30	0.51	7.38	7.16	10.36	8.58	7.71	−6	+20	−24	−31	+4	−4	+6	−35	+13	−3	0	
37815		07 45 12.31	−04 27 13.9	6.81		H	116.301 287 75	−04.453 858 31		7.05	5.87	−42.77	0.86	0.69	1.08	1.00	0.75	−20	+44	−53	−22	+0	−18	−17	+3	−12	+26	0	−1.52
37816		07 45 12.95	−20 48 37.3	9.03		G	116.303 961 03	−20.810 370 42		−0.22	−2.06	2.88	0.88	0.82	1.33	0.91	0.84	+0	+30	+1	−22	−4	−7	−1	−27	+8	+7	0	0.62
37817		07 45 14.46	−81 58 03.0	7.49		H	116.310 248 34	−81.967 493 01		9.44	−1.67	−1.07	0.53	0.48	0.55	0.63	0.56	−6	+26	+10	−16	+4	−5	+4	−11	−2	−23	0	0.61
37818	H	07 45 14.89	+75 47 51.4	8.43		G	116.312 028 92	+75.797 616 19	A	3.31	−1.12	8.00	1.19	1.18	1.50	1.29	1.18	+18	+24	−8	+21	−1	+10	−4	−12	+0	−8	1	−0.94
37819		07 45 15.30	−37 58 07.0	3.62	1	H	116.313 766 31	−37.968 598 48		2.35	−10.77	5.97	0.40	0.46	0.55	0.45	0.58	−5	+17	−33	−13	+6	−14	+6	+14	+4	−11	1	0.28
37820		07 45 16.38	+20 23 16.6	9.77	2	H	116.318 252 22	+20.387 947 56		3.04	6.50	−13.70	1.40	0.88	1.52	1.39	0.93	−35	+46	−24	−21	+2	−13	+0	−26	+3	−32	0	−0.06
37821		07 45 17.37	−10 52 04.2	8.55		H	116.322 392 67	−10.867 821 79		0.07	−4.06	−2.63	0.83	0.52	1.26	1.17	0.48	−13	−1	+11	−7	+19	−7	+23	−40	+8	+23	0	−0.30
37822		07 45 17.74	−18 02 05.9	8.92		H	116.323 922 11	−18.034 968 05		3.92	−7.55	7.02	0.69	0.66	1.16	0.70	0.65	−2	+31	−7	−28	+2	−21	+3	−27	+7	+8	0	1.25
37823		07 45 18.05	−43 45 09.2	6.02		H	116.325 210 67	−43.752 559 04		3.68	−9.37	−2.77	0.39	0.42	0.48	0.40	0.48	+2	+4	−3	+10	−7	+3	−8	+13	−11	−5	0	1.57
37824		07 45 18.57	−00 26 17.6	7.99		G	116.327 395 24	−00.438 232 07	A	4.38	0.40	−2.59	3.15	2.09	2.61	3.19	2.33	−19	+39	−36	+1	+20	−28	+4	+16	−7	+6	3	0.70
37825		07 45 18.98	−00 26 38.1	10.81		H	116.329 066 24	−00.443 918 67	B	−11.26	21.66	−96.03	125.57	87.33	64.40	89.69	64.01	−8	+27	−30	−4	+26	−22	+13	+6	−13	+14	3	0.70
37826		07 45 19.36	+28 01 34.7	1.16	1	G	116.330 682 63	+28.026 310 31		96.74	−625.69	−45.95	0.75	0.45	0.87	1.02	0.53	−22	+22	−11	+12	−8	−35	−10	−11	−11	−1	0	−0.93
37827		07 45 20.53	−34 21 23.1	9.25		H	116.335 559 75	−34.356 407 41		8.95	−9.03	−17.63	0.69	0.81	1.04	0.74	0.98	+12	+9	−4	+9	−7	+11	−6	−2	+16	+8	0	−0.61
37828		07 45 21.18	+56 08 16.6	8.42		H	116.338 237 17	+56.137 956 61		6.04	−56.81	−37.81	0.78	0.52	1.00	1.08	0.81	+24	+12	−6	−30	−16	+2	−16	−34	+6	+14	0	−0.09
37829		07 45 21.52	−39 20 42.9	7.19		G	116.339 657 64	−39.345 238 89		4.21	−21.58	14.97	0.45	0.49	0.57	0.49	0.60	+5	+2	−8	+19	+1	+2	+1	+22	−11	−4	0	−0.08
∗37830		07 45 21.87	+74 21 12.1	10.35		H	116.341 145 01	+74.353 353 72		9.88	−34.50	−44.27	0.99	1.08	1.59	1.03	1.31	+15	+15	−12	+2	+1	−2	+0	+4	−4	+28	3	1.93
∗37831		07 45 21.85	−00 30 48.2	7.61		G	116.341 035 54	−00.513 401 54		10.72	−42.35	−1.42	1.04	0.72	1.16	1.20	0.88	+1	+41	−28	+8	+13	−18	+0	+19	−19	+27	0	0.12
37832		07 45 21.95	−16 35 12.1	8.16		H	116.341 469 46	−16.586 698 66		7.63	−56.81	−14.29	0.62	0.54	0.92	0.62	0.49	+4	+20	−6	−28	+8	−13	+9	−40	+9	+22	1	1.84
37833		07 45 22.06	−14 20 17.2	9.05		G	116.341 901 84	−14.338 113 40		1.20	−1.38	0.31	0.87	0.69	1.23	1.20	0.63	−8	+16	−1	+9	+37	−7	+34	−35	+8	+9	0	−0.28
37834		07 45 23.17	+33 44 10.1	10.27		H	116.346 554 09	+33.736 129 01		3.03	−1.18	−0.59	1.43	0.90	1.58	1.57	1.12	−21	+26	−23	−10	−9	−7	−10	−13	+10	−14	0	−0.27
37835		07 45 24.38	−50 35 37.5	9.71		H	116.351 581 86	−50.593 742 46		10.00	−24.84	−8.00	0.82	0.80	0.91	1.06	0.99	+2	+16	−5	+3	−1	+2	−2	−5	+5	−13	3	0.11
37836		07 45 24.56	+14 35 58.9	8.59		G	116.352 336 94	+14.599 695 13		6.00	−6.17	−5.32	1.01	0.59	1.05	1.08	0.60	−5	+26	−22	−31	−23	−20	−19	−22	+17	−27	0	0.05
37837		07 45 25.07	−44 52 57.3	7.56		H	116.354 478 13	−44.882 576 05		4.47	−8.53	−0.32	0.51	0.52	0.60	0.60	0.60	−1	+10	−1	+14	−9	+12	−9	+3	+1	−11	0	−0.88
37838		07 45 27.38	−37 35 46.7	6.99		G	116.364 089 23	−37.596 314 29		5.27	−23.45	15.65	0.46	0.53	0.61	0.49	0.68	+15	+13	−10	−14	−15	−9	−19	−10	−5	+14	1	−1.12
37839		07 45 27.79	+07 45 52.1	9.36		H	116.365 772 79	+07.764 478 05		3.59	−4.94	−3.72	1.37	0.66	1.37	1.58	0.76	−8	+22	−15	−46	−11	−28	−10	−28	+19	−18	2	1.01
37840		07 45 28.07	+56 37 07.5	8.70		H	116.366 966 40	+56.618 746 00		4.68	−2.47	5.99	0.77	0.53	0.99	1.10	0.84	+23	+14	+11	−16	−13	−2	−17	−27	−17	+5	0	1.26
37841		07 45 28.30	−40 44 19.9	7.93		H	116.367 930 80	−40.738 856 45		8.26	26.45	0.06	0.54	0.61	0.72	0.58	0.77	+0	+3	−25	−14	−2	+11	+1	−17	+19	−11	0	−1.06
37842		07 45 28.74	−14 41 10.0	7.03		H	116.369 759 07	−14.686 113 78	B	8.10	−15.90	−21.76	11.42	7.78	5.88	6.86	3.54	+9	+11	−3	+17	+36	+3	+33	−21	+11	+18	17	1.90
37843		07 45 29.14	−14 41 25.7	6.06		H	116.371 424 28	−14.690 485 07	A	9.09	−15.08	−21.41	1.85	1.34	1.94	2.18	1.13	−6	+11	−3	−3	+31	−1	+29	−34	+9	+15	17	1.90
37844		07 45 29.24	−10 09 38.4	7.55		H	116.371 814 27	−10.160 667 98		19.05	8.93	−0.74	0.62	0.41	0.99	0.89	0.40	−28	−4	−5	+8	+33	−40	+40	−40	+0	+4	0	0.43
37845		07 45 29.24	−51 22 08.3	8.72		H	116.371 836 04	−51.368 977 95		2.48	−22.41	15.87	0.70	0.69	0.77	0.74	0.82	−4	+19	+5	−15	−5	+0	−5	+0	−7	−20	0	0.39
37846	H	07 45 31.25	−58 57 17.6	7.84		G	116.380 203 03	−58.954 892 89	A	2.72	−8.42	10.83	0.92	0.81	0.83	0.92	0.85	−7	+5	+22	−1	−16	−3	−11	+4	−3	−29	2	−0.64
37847		07 45 31.74	+42 06 02.5	8.73	2	H	116.382 234 70	+42.100 706 62		3.62	2.76	−3.51	1.28	0.89	1.33	1.59	1.04	−7	+34	−12	+24	−2	−6	−1	+3	+4	−2	0	2.08
37848	H	07 45 32.13	+25 59 19.3	7.35		G	116.383 876 80	+25.988 688 08	A	1.89	0.41	−18.66	1.29	0.90	1.25	1.30	0.88	−42	+16	−22	+8	−4	−3	−3	−16	+11	−36	2	0.54
37849		07 45 33.16	−15 26 34.5	9.01		H	116.388 148 03	−15.442 904 47		3.22	−3.10	4.07	0.85	0.66	1.09	1.00	0.63	−9	+7	−1	−14	+21	−24	+21	−44	+2	−1	0	−0.45
37850		07 45 33.75	+05 12 31.0	9.16	2	H	116.390 641 72	+05.208 609 18		1.48	−10.84	−6.11	1.22	0.81	1.39	1.47	1.01	−18	+20	−26	−30	+2	−34	−10	−10	−3	−17	0	0.26
37851		07 45 34.05	−45 48 07.4	8.27		H	116.391 892 54	−45.802 050 11		2.23	5.18	−1.06	0.67	0.62	0.76	0.80	0.73	+3	+26	+14	+19	−10	+3	−13	+5	−9	−8	0	0.22
37852		07 45 34.27	+11 44 37.4	8.59		H	116.392 798 94	+11.743 713 32		3.79	−2.90	−3.38	1.06	0.66	1.10	1.15	0.64	−25	+20	−12	−26	+5	−21	+4	−42	+20	−55	2	−0.75
37853		07 45 35.18	−34 10 35.6	5.36		G	116.396 574 67	−34.176 550 92		65.79	−220.83	1722.89	0.40	0.44	0.56	0.46	0.55	+14	+2	−0	+7	−9	−9	−6	+4	+6	+14	0	0.93
37854		07 45 35.52	−56 43 21.3	6.10		H	116.398 004 67	−56.722 596 70		3.46	−3.99	10.95	0.46	0.45	0.49	0.53	0.56	−2	+9	+10	+11	+9	+10	+4	−14	+1	−20	0	0.76
37855	H	07 45 35.61	−79 40 08.6	8.90		H	116.398 358 43	−79.669 042 31	A	11.97	−16.52	42.17	1.14	1.11	1.13	1.17	1.26	+9	+19	+24	+9	+11	+17	+4	−10	−16	−9	0	0.64
37856	H	07 45 36.27	−44 22 26.0	8.77		G	116.401 136 08	−44.373 892 53	A	1.36	−3.09	6.02	1.07	1.06	1.13	1.09	1.17	−5	+15	+10	−4	+5	+10	+4	−5	−9	−22	2	0.17
37857		07 45 37.72	−78 10 01.3	8.92		H	116.407 186 51	−78.167 025 08		2.82	−3.57	4.57	0.68	0.70	0.75	0.71	0.86	+0	+24	−7	+1	−3	+8	+1	+8	+7	−15	0	−1.93
37858		07 45 38.89	+66 52 06.7	8.38		H	116.412 058 24	+66.868 527 74		3.12	−11.38	−47.90	0.76	0.70	1.06	0.86	0.88	+25	+15	−2	+21	−6	+4	+6	−15	+3	+56	1	−0.54
37859		07 45 39.10	−64 45 31.1	11.45		H	116.412 929 38	−64.758 626 28		1.49	19.96	18.63	1.67	1.65	1.80	1.60	2.08	−4	+10	+14	−24	−12	−8	−12	−10	−6	−32	0	−1.79
37860		07 45 40.49	+54 09 25.8	10.72		H	116.418 693 74	+54.157 160 84		1.14	−12.61	−0.37	1.26	0.89	1.80	1.75	1.45	+8	+17	+13	−19	−13	−6	−18	−33	−10	−11	0	2.44
37861		07 45 41.39	+34 33 19.4	7.99		H	116.422 455 40	+34.555 394 48		7.31	−10.45	0.34	0.87	0.51	0.92	1.03	0.59	−8	+26	−16	+10	−9	−15	−7	−8	+3	+6	0	1.91
37862		07 45 41.90	−67 04 11.3	8.30		H	116.424 567 56	−67.069 808 85		0.93	−6.74	7.73	0.66	0.59	0.66	0.65	0.75	−7	+9	+2	−24	−9	−9	−6	+2	+3	−27	0	−0.23
37863		07 45 42.36	+39 32 49.1	7.14	1	H	116.426 515 92	+39.546 978 64		11.18	−36.80	−13.46	0.90	0.69	1.01	1.20	0.80	−9	+25	−29	+27	+9	+13	+13	−7	−7	+8	3	0.52
37864		07 45 42.81	−05 40 42.6	7.10		H	116.428 380 11	−05.678 488 66		4.09	−19.81	5.29	0.81	0.63	0.95	1.03	0.79	−10	+23	−33	+8	+6	−30	−7	+25	−5	+9	0	0.92
37865		07 45 43.01	−48 21 17.7	7.47		H	116.429 210 91	−48.354 927 76		2.23	2.83	48.15	1.06	1.01	1.20	1.18	1.18	+1	+14	−3	−3	−7	+21	−9	−16	−6	−12	1	
37866		07 45 43.03	+64 43 00.3	7.85		G	116.429 307 12	+64.716 737 47		9.08	−17.73	−44.71	0.68	0.61	0.99	0.77	0.72	+3	+18	−16	−10	+11	+3	+13	−14	+11	+21	0	−0.88
37867		07 45 43.84	+53 23 12.2	12.10		G	116.432 678 53	+53.386 715 75		3.97	−232.02	−632.82	2.77	1.73	3.86	4.19	2.94	+19	+20	+15	−35	−27	+13	−35	−41	−23	+2	0	0.32
37868		07 45 44.84	+47 36 25.4	10.08		H	116.436 824 56	+47.607 048 48		2.40	0.93	−7.22	2.15	1.29	2.24	2.14	1.37	−11	+62	−19	+31	−9	+12	−19	−9	−23	−3	0	3.06
37869		07 45 45.52	+37 38 41.0	8.85		H	116.439 671 04	+37.644 715 10		13.17	3.50	−123.68	1.21	0.97	1.42	1.53	1.20	−9	+27	+21	+1	+28	+28	+13	−32	−25	−28	0	1.41
37870		07 45 45.77	+43 10 25.5	8.75		H	116.440 688 18	+43.173 763 00		2.26	−14.60	−3.69	1.43	0.90	1.34	1.94	1.14	+27	+37	−7	−14	−14	−17	−16	−19	−9	+38	0	1.22
∗37871		07 45 46.32	+10 23 46.4	7.55		H	116.442 986 37	+10.396 232 96		5.96	−1.81	−33.73	0.95	0.44	0.99	0.95	0.43	−24	+45	−18	−36	−3	−30	+4	−36	+23	−36	2	0.42
∗37872		07 45 46.28	−29 57 00.2	8.96		H	116.442 844 63	−29.950 047 89		2.66	0.92	−1.58	0.69	0.96	1.24	0.78	1.17	+1	+14	+2	−5	−6	−1	−6	+8	−7	−9	0	−0.28
37873	H	07 45 46.39	+44 17 05.5	8.69		H	116.443 291 81	+44.284 861 68	A	1.92	3.52	−17.78	3.49	5.39	1.91	2.81	1.51	+38	−1	−21	−7	−18	+8	−16	−17	+5	+38	2	−0.47
37874		07 45 47.63	+02 33 35.5	7.97		G	116.448 466 20	+02.559 861 85		3.06	−2.06	−5.66	1.03	0.72	1.15	1.19	0.87	−5	+31	−31	−31	−10	−28	−24	−6	−10	+14	3	0.64
37875		07 45 49.03	−26 29 31.5	9.13		G	116.454 311 43	−26.492 074 50		−1.13	−1.86	2.91	0.51	0.82	1.29	0.55	0.87	+22	+18	+13	+25	+6	+8	−1	−16	−8	+8	0	3.43
37876		07 45 50.40	−34 19 48.5	10.49		G	116.460 002 85	−34.330 147 32		2.15	−2.82	4.75	1.05	1.24	1.58	1.13	1.59	+7	+22	+0	+0	−14	+13	−12	+9	+12	+2	0	1.09
37877		07 45 50.69	+45 33 47.1	8.73		H	116.461 198 01	+45.563 097 19		6.25	−18.69	−44.16	1.16	0.94	1.39	1.82	1.11	−8	+14	−32	−2	+2	+9	+9	−22	+32	+13	0	1.36
37878		07 45 50.78	−45 25 34.4	9.45		H	116.461 575 05	−45.426 214 37		14.39	24.81	−50.84	0.76	0.79	0.92	0.90	0.94	−2	+17	+13	−2	+1	+7	−2	−7	−12	−12	0	−0.92
37879		07 45 50.94	−07 31 46.4	7.46		H	116.462 256 33	−07.529 554 11		18.73	−13.74	−42.25	0.60	0.49	0.94	0.78	0.63	+9	+11	−35	+21	+29	−37	+20	+9	+10	+7	0	−0.95
37880		07 45 51.86	−24 15 21.9	6.73	1	G	116.466 077 41	−24.256 069 45		1.15	−7.57	4.34	0.56	0.54	0.79	0.76	0.54	+2	+17	−17	+3	+11	+1	+8	−23	+11	−2	0	0.32
37881		07 45 52.13	−23 01 24.0	8.41		H	116.467 195 49	−23.023 339 63		3.83	−17.29	8.35	0.81	0.84	1.21	1.03	0.87	−16	+22	−2	−11	+8	−10	+10	−33	+13	−20	0	−1.00
37882		07 45 52.24	+65 09 13.7	7.79		H	116.467 650 55	+65.153 816 87	A	8.96	−11.32	−58.04	4.33	4.31	4.91	4.17	4.11	−2	+14	−15	−14	+7	−5	+10	−36	+4	+18	0	−0.39
∗37883		07 45 52.50	+04 18 41.9	8.60		H	116.468 733 88	+04.311 651 48		−0.75	−6.77	0.78	1.33	1.01	1.55	1.60	1.16	−39	+54	−51	−23	+19	−26	+3	−15	−8	+0	3	0.96
∗37884		07 45 52.49	+65 09 28.6	7.74		H	116.468 720 43	+65.157 945 65	B	14.97	−15.98	−63.78	8.29	6.94	5.77	5.14	4.76	+8	+12	−17	+4	+10	−6	+12	−18	+8	+18	0	−0.39
37885		07 45 52.91	+00 49 23.2	9.52		H	116.470 476 70	+00.823 123 68		14.64	−45.25	−189.10	1.43	1.16	1.68	1.86	1.50	−18	+35	−41	−25	−17	+2	−14	−13	+16	+16	0	0.88
37886		07 45 53.04	+26 43 32.1	7.87		H	116.470 987 95	+26.725 579 37		4.89	1.88	−10.70	0.81	0.51	0.93	1.12	0.61	−22	+10	−17	+4	−12	−28	−12	−12	−8	+2	0	0.96
37887		07 45 54.29	−44 45 42.1	7.54		H	116.476 194 03	−44.761 701 24		3.92	13.41	−34.59	0.50	0.54	0.62	0.55	0.62	+0	+14	+1	+0	−5	+15	−7	−8	−1	−11	0	−0.38
37888		07 45 54.33	−64 24 17.4	9.17		H	116.476 383 13	−64.404 825 31		7.71	−17.81	18.58	0.80	0.81	0.88	0.88	0.93	−7	+10	+23	−9	−11	−11	−9	−5	+3	−30	0	1.51
37889		07 45 55.51	−35 21 15.4	8.25		G	116.481 284 33	−35.354 265 49		1.32	−5.11	3.75	0.52	0.58	0.72	0.59	0.70	+1	+9	−13	+26	−8	+13	−7	+13	+16	−9	0	1.63
37890		07 45 56.72	−26 58 53.9	8.47		H	116.486 326 71	−26.981 631 11		1.75	−2.57	0.93	0.45	0.75	1.12	0.51	0.83	+27	+8	+6	+3	−3	+0	−8	−22	−17	+13	2	1.10
37891		07 45 56.88	−14 33 49.8	5.03		H	116.486 986 43	−14.563 820 26		13.80	−11.17	6.28	0.54	0.38	0.71	0.69	0.35	+4	+16	+6	+1	+20	+1	+20	−39	+10	+22	1	0.60
37892		07 45 57.20	−18 54 16.3	7.58	1	H	116.488 351 59	−18.904 524 80		3.37	21.81	−1.08	0.57	0.58	0.95	0.59	0.53	−5	+31	+3	−19	+11	−14	+14	−40	+7	+5	1	0.83
37893		07 45 57.36	−42 11 44.1	8.71	3	T	116.488 980 22	−42.195 593 66		0.67	1.33	18.14	0.73	0.96	1.05	0.78	1.34	−10	−3	+11	−20	+12	+33	+11	−17	−28	−26	0	2.35
37894		07 46 00.58	−42 42 11.7	10.16		G	116.502 437 19	−42.703 243 32		17.79	100.78	−190.07	0.96	1.10	1.21	1.01	1.30	−9	+3	−1	−13	−8	+5	−5	+15	−10	−23	0	0.22
37895		07 46 00.66	−69 29 52.8	8.70		H	116.502 737 06	−69.498 013 80		0.26	−4.30	16.29	0.69	0.69	0.73	0.79	0.94	−9	+27	−2	+2	−10	−1	−7	+13	+6	−32	0	1.16
37896		07 46 01.31	−23 15 35.7	7.51		H	116.505 457 37	−23.259 908 52		2.05	−7.87	5.75	0.67	0.62	0.94	0.93	0.65	−10	+5	−14	+2	+13	−9	+9	−32	+15	−16	0	1.89
37897		07 46 01.38	+02 03 30.4	8.97		H	116.505 731 20	+02.058 448 79		2.00	−2.04	−0.81	1.41	1.00	1.67	1.58	1.21	−7	+35	−22	−19	−1	−35	−14	+2	−12	+2	3	1.28
37898		07 46 01.69	+55 38 32.7	7.54		H	116.507 027 39	+55.642 428 27		5.61	−15.47	−27.50	0.63	0.42	0.86	0.90	0.71	+13	+19	−6	−18	−19	+14	−17	−27	+18	+4	1	−0.51
37899		07 46 01.84	−49 31 54.6	8.39		H	116.507 653 75	−49.531 836 21	A	2.68	0.45	−22.08	1.95	1.82	1.61	2.15	1.94	−14	+13	+7	+15	+3	+3	−4	−16	−11	−25	4	1.87
37900		07 46 02.15	−57 14 17.8	7.95		H	116.508 949 18	−57.238 283 16		2.62	−25.18	48.81	0.59	0.60	0.64	0.64	0.76	−8	+6	+4	+11	+9	+8	+7	−6	−15	−22	1	−0.30

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
37801	7.998	0.005	8.087	0.007		−0.065	0.007	G	−0.04	0.01	H	8.0891	0.0012	0.016	196		8.06	8.12				1							
37802	8.052	0.013	7.722	0.013		0.313	0.017	T	0.36	0.02	L	7.7486	0.0017	0.009	37		7.73	7.77				1							S
37803	6.391	0.004	6.515	0.006		−0.099	0.008	G	−0.08	0.01	H	6.5017	0.0010	0.008	110		6.49	6.51				1 G							S
37804	8.766	0.010	8.504	0.011		0.244	0.015	G	0.27	0.02	H	8.5577	0.0012	0.015	166		8.53	8.59		C		1							
37805											T	12.2626	0.0623	0.314	48		11.53	12.56	0.48	P 1 A		1							G
37806	8.152	0.008	7.740	0.009		0.387	0.015	G	0.45	0.02	H	7.7760	0.0016	0.015	127		7.75	7.80		U 2	07451−5017	I 1	1						S
37808	7.902	0.007	7.839	0.009		0.057	0.010	T	0.07	0.01	L	7.8656	0.0012	0.011	111		7.85	7.88		C			1						S
37809	9.494	0.016	7.687	0.007		1.504	0.014	T	1.53	0.02	L	7.6665	0.0008	0.010	128		7.65	7.68		C			1						
37810	10.930	0.043	9.966	0.031		0.837	0.015	G	0.88	0.01	H	10.0327	0.0033	0.028	104		10.00	10.08		C			1						G
37811	6.534	0.004	6.527	0.006		0.007	0.006	T	0.03	0.01	L	6.5376	0.0006	0.006	93		6.53	6.55					1						S
37812	8.147	0.011	7.852	0.011		0.310	0.006	G	0.36	0.01	H	7.8992	0.0014	0.014	117		7.87	7.92		D			1						S
37813	10.327	0.046	9.962	0.052		0.346	0.065	T	0.41	0.09	L	10.0154	0.0022	0.020	52		9.97	10.07		D			1						
37814	10.705	0.066	10.594	0.102		0.108	0.114	T	0.12	0.12	L	10.7306	0.0062	0.054	96		10.63	10.82					1 X S						G
37815	8.391	0.016	6.949	0.012		1.216	0.016	T	1.18	0.02	L	6.9710	0.0011	0.007	51		6.96	6.98		C			1						S
37816	9.097	0.014	9.045	0.017		0.092	0.011	G	0.10	0.01	H	9.0749	0.0015	0.021	123		9.03	9.12		D			1						
37817	7.749	0.007	7.529	0.007		0.210	0.009	T	0.23	0.01	L	7.5611	0.0011	0.007	120		7.55	7.58					1						S
37818	8.829	0.009	8.555	0.010	A	0.279	0.015	G	0.32	0.02	H *	8.5094	0.0020	0.022	164 *		8.47	8.55		D	07453+7548	I 1	2 C A	AB	214	1.255	0.010	1.64	0.03	S
37819	5.847	0.005	3.821	0.003		1.706	0.071	G	1.82	0.02	A	3.7200	0.0014	0.010	93		3.70	3.74		U 2			1						S
37820	11.168	0.075	9.925	0.039		1.061	0.066	T	1.03	0.05	L	9.9413	0.0053	0.043	95		9.87	10.01		U 2			1 S						G
37821	10.251	0.023	8.704	0.011		1.299	0.020	T	1.26	0.02	L	8.7046	0.0015	0.018	177		8.68	8.73					1						
37822	8.951	0.010	8.919	0.013		0.029	0.014	T	0.05	0.01	L	8.9411	0.0019	0.019	151		8.91	8.98					1						
37823	5.927	0.003	6.008	0.003		−0.069	0.004	T	−0.05	0.00	L	6.0025	0.0006	0.005	127		5.99	6.01					1						S
37824	8.033	0.014	7.954	0.019	A	0.041	0.015	G	0.06	0.01	H	8.0183	0.0534	0.018	54	A	7.96	8.04		D	07453−0026	I 2	1 C P D						S D
37825	10.859	0.103	10.642	0.140	B	0.207	0.164	T	0.23	0.19	L	10.6051	0.4644			B				D	07453−0026	I 2	1 C I D						D
37826	2.455	0.003	1.325	0.006		0.991	0.005	G	0.97	0.01	G	1.2947	0.0006	0.005	83		1.29	1.30		M	07454+2802	I 1	1 S						S
37827	9.911	0.021	9.304	0.019		0.530	0.015	G	0.60	0.02	H	9.3625	0.0021	0.017	136		9.34	9.39					1						
37828	8.903	0.010	8.476	0.010		0.403	0.013	T	0.47	0.01	L	8.5140	0.0013	0.017	178		8.48	8.55		C			1						S
37829	7.178	0.005	7.202	0.005		−0.027	0.005	G	−0.01	0.01	H	7.2006	0.0010	0.010	127		7.18	7.22					1						S
37830	10.923	0.047	10.310	0.041		0.571	0.055	T	0.64	0.05	L	10.4755	0.0033	0.035	141		10.41	10.54		C			1						G
37831	8.043	0.014	7.666	0.013		0.374	0.012	G	0.44	0.01	H	7.6998	0.0022	0.013	56		7.68	7.72					1						S
37832	8.599	0.009	8.197	0.009		0.393	0.011	T	0.46	0.01	L	8.2515	0.0013	0.014	175		8.23	8.28		C			1						
37833	9.247	0.017	9.106	0.021		0.120	0.020	G	0.13	0.02	H	9.0925	0.0022	0.018	143		9.06	9.13		C			1						
37834	10.584	0.052	10.340	0.061		0.233	0.075	T	0.26	0.09	L	10.3347	0.0047	0.035	106		10.28	10.39					1						G
37835	10.576	0.032	9.767	0.025		0.715	0.031	T	0.77	0.03	L	9.8477	0.0016	0.017	123		9.81	9.88					1						G
37836	8.604	0.011	8.547	0.014		0.057	0.017	T	0.07	0.01	L	8.5971	0.0010	0.009	86		8.58	8.61		D			1						
37837	7.692	0.007	7.564	0.008		0.116	0.010	T	0.13	0.01	L	7.6010	0.0012	0.010	121		7.59	7.62		C			1						S
37838	6.911	0.005	6.982	0.006		−0.065	0.003	G	−0.04	0.00	H	6.9766	0.0006	0.009	128		6.96	6.99		C			1						S
37839	9.467	0.016	9.333	0.020		0.129	0.024	T	0.14	0.03	L	9.4148	0.0019	0.015	100		9.39	9.45		C			1						
37840	8.860	0.011	8.728	0.013		0.127	0.016	T	0.14	0.02	L	8.7498	0.0018	0.020	164		8.72	8.78		C			1						
37841	9.200	0.013	8.045	0.008		0.992	0.012	T	0.97	0.01	L	8.0974	0.0012	0.013	121		8.07	8.11					1						
37842	7.235	0.009	6.880	0.009	B	0.345	0.012	T	0.40	0.02	L	6.9675	0.0235			B				D	07454−1442	I 2	1 C I A						S
37843	6.095	0.004	6.049	0.004	A	0.110	0.015	G	0.12	0.01	H	6.1006	0.0127	0.072	141	A	5.97	6.22		D	07454−1442	I 2	1 C P A						S
37844	8.107	0.006	7.605	0.006		0.493	0.015	G	0.57	0.02	H	7.6532	0.0009	0.009	193		7.64	7.67					1						S
37845	9.959	0.021	8.822	0.014		0.978	0.020	T	0.96	0.02	L	8.8878	0.0019	0.018	131		8.86	8.92					1						
37846	9.066	0.013	8.000	0.009	A	0.900	0.015	G	0.90	0.01	H *	8.0055	0.0015	0.011	110 *		7.99	8.03		D	07455−5857	I 1	2 C A	AB	67	1.622	0.011	2.50	0.04	S
37847	10.635	0.056	8.966	0.024		1.421	0.050	T	2.67	0.08	O	8.7203	0.0122	0.064	49		8.65	8.82	1.05	P 1 A			1 S						P
37848	9.418	0.019	7.584	0.009	A	1.530	0.015	G	1.54	0.09	H *	7.5189	0.0016	0.013	82 *		7.50	7.55		D	07455+2559	I 1	2 C D	AB	227	2.585	0.052	4.03	0.22	S D
37849	9.240	0.013	9.045	0.015		0.187	0.019	T	0.21	0.02	L	9.0752	0.0020	0.022	142		9.04	9.12					1						
37850	11.539	0.160	9.511	0.040		1.717	0.136	T	3.20	0.98	K	9.0042	0.0251	0.126	63		8.77	9.17		U 2			1 S						P
37851	9.779	0.020	8.383	0.011		1.180	0.018	T	1.14	0.02	L	8.4331	0.0013	0.012	114		8.41	8.46					1						
37852	8.598	0.011	8.590	0.014		0.012	0.016	T	0.03	0.01	L	8.5978	0.0016	0.017	103		8.57	8.63		C			1						
37853						0.589	0.012	G	0.70	0.00	A	5.4757	0.0006	0.005	131		5.47	5.48		C			1 G						S
37854	6.553	0.004	6.146	0.003		0.397	0.005	G	0.46	0.01	H	6.1943	0.0007	0.007	105		6.18	6.21			07456−5643	I 1	1						S
37855	9.602	0.022	9.011	0.020	A	0.600	0.495	G	0.64	0.03	L *	9.0265	0.0028	0.026	109 *		8.99	9.07			07456−7940	I 1	2 C A	AB	191	5.657	0.025	3.17	0.11	
37856	8.846	0.011	8.840	0.015	*	0.020	0.000	G	0.04	0.00	H *	8.7950	0.0021	0.016	112 *		8.77	8.83		D	07456−4422	I 1	2 C A	AB	271	0.670	0.004	1.65	0.02	
37857	9.243	0.014	8.936	0.015		0.293	0.022	T	0.33	0.03	L	8.9991	0.0018	0.017	119		8.97	9.03		C			1						
37858	8.687	0.010	8.411	0.011		0.271	0.004	G	0.31	0.01	H	8.4498	0.0023	0.023	146		8.42	8.49					1						S
37859											T	11.5928	0.0072	0.047	107		11.51	11.67					1						G
37860	11.182	0.055	10.784	0.062		0.377	0.077	T	0.44	0.08	L	10.8042	0.0032	0.037	148		10.74	10.84					1						G
37861	8.312	0.010	8.052	0.011		0.248	0.014	T	0.28	0.02	L	8.0633	0.0013	0.012	97		8.04	8.08		C	07457+3433	I 1	1						S
37862	9.214	0.015	8.390	0.012		0.743	0.015	T	0.79	0.01	L	8.4483	0.0012	0.011	112		8.43	8.47					1						
37863	7.539	0.010	7.179	0.009		0.364	0.015	G	0.43	0.02	H	7.2214	0.0018	0.011	59		7.20	7.24		M			1						S
37864	7.156	0.008	7.111	0.010		0.046	0.012	T	0.06	0.01	L	7.1236	0.0010	0.008	52		7.11	7.14		C			1						S
37865	9.274	0.015	7.641	0.008		1.367	0.013	T	1.34	0.02	L	7.6218	0.0016	0.014	104		7.60	7.64		D			1 X S						
37866	8.393	0.010	7.916	0.009		0.449	0.012	T	0.52	0.01	L	7.9614	0.0014	0.013	126		7.94	7.99					1						S
37867						0.700	0.020	G	0.75	0.02	H	12.2099	0.0082	0.069	129		12.09	12.30					1						G
37868	10.731	0.073	10.234	0.077		0.400	0.072	G	0.47	0.08	R	10.1729	0.0055	0.024	48		10.13	10.21		C			1 S						G
37869	9.447	0.028	8.896	0.027		0.516	0.035	T	0.59	0.04	L	8.9594	0.0024	0.014	44		8.94	8.98		C			1						
37870	10.046	0.034	8.879	0.021		1.001	0.031	T	0.98	0.03	L	8.9174	0.0023	0.015	57		8.89	8.94		C			1						
37871	8.897	0.012	7.671	0.008		1.047	0.011	T	1.02	0.01	L	7.7234	0.0007	0.006	115		7.71	7.73					1						S
37872	8.964	0.011	8.952	0.014		0.012	0.016	T	0.03	0.01	L	8.9687	0.0017	0.020	166		8.93	9.01					1						S
37873	9.842	0.034	8.815	0.023	*	0.894	0.031	T	0.90	0.02	L *	8.8448	0.0030	0.015	53 *		8.82	8.87		D	07458+4417	H 1	2 C A	AB	26	0.330	0.011	1.49	0.15	S
37874	7.962	0.012	7.959	0.014		0.003	0.002	G	0.02	0.00	H	7.9798	0.0016	0.009	55		7.96	7.99		C			1						S
37875	9.032	0.010	9.125	0.013		−0.028	0.010	G	−0.01	0.01	H	9.1323	0.0016	0.023	226		9.10	9.18					1						
37876	11.770	0.103	10.747	0.065		0.930	0.015	G	0.92	0.01	H	10.6316	0.0040	0.036	138		10.58	10.69		C			1						D
37877	9.282	0.023	8.787	0.022		0.466	0.029	T	0.54	0.03	L	8.8360	0.0022	0.016	44		8.81	8.86		C			1						S
37878	10.265	0.028	9.548	0.024		0.645	0.028	T	0.71	0.03	L	9.5812	0.0021	0.020	118		9.55	9.61		C			1						
37879	8.041	0.009	7.519	0.008		0.490	0.011	T	0.56	0.01	L	7.5722	0.0008	0.008	108		7.56	7.59					1						S
37880	6.530	0.004	6.700	0.005		−0.149	0.001	G	−0.15	0.00	H	6.6852	0.0010	0.011	115		6.67	6.71		M			1						S
37881	10.545	0.035	8.589	0.013		1.622	0.030	T	1.64	0.03	L	8.5270	0.0023	0.017	106		8.49	8.57					1						
37882	8.220	0.010	7.813	0.010	A	0.385	0.013	T	0.45	0.01	L	7.8508	0.0284			A				D	07459+6509	I 2	1 C I B						S
37883	10.125	0.049	8.721	0.028		1.187	0.044	T	1.15	0.04	L	8.7660	0.0027	0.013	40		8.75	8.80					1						
37884	8.174	0.009	7.803	0.010	B	0.351	0.012	T	0.41	0.01	L	7.8262	0.0280	0.175	121	B	7.70	8.18		D	07459+6509	I 2	1 C P B						S
37885	10.391	0.052	9.564	0.040		0.680	0.040	G	0.74	0.03	R	9.6580	0.0035	0.021	50		9.62	9.71					1						
37886	7.873	0.012	7.866	0.013		0.011	0.016	T	0.03	0.01	L	7.8853	0.0008	0.007	74		7.87	7.91		C	07460+2643	I 1	1						S
37887	8.856	0.012	7.659	0.008		1.025	0.011	T	1.00	0.01	L	7.7059	0.0009	0.011	120		7.68	7.72					1						S
37888	9.669	0.017	9.226	0.018		0.432	0.020	T	0.50	0.02	L	9.2707	0.0024	0.019	119		9.24	9.30		C			1						
37889	8.091	0.008	8.204	0.010		−0.108	0.015	G	−0.09	0.02	H	8.2135	0.0013	0.016	155		8.18	8.25					1						
37890	10.526	0.024	8.642	0.009		1.565	0.020	T	1.58	0.02	L	8.5936	0.0015	0.022	261		8.56	8.63					1						
37891	5.430	0.002	5.078	0.002		0.342	0.003	T	0.40	0.00	L	5.1162	0.0005	0.005	146		5.11	5.13					1						S
37892	9.540	0.015	7.756	0.007		1.486	0.013	T	1.51	0.02	L	7.7103	0.0017	0.019	130		7.69	7.74		U			1						
37893	10.586	0.042	8.873	0.016		1.430	0.036	T	1.42	0.06	L	9.2898	0.1833	1.395	110		7.70	11.43	120.03	P 1 B			1						G P
37894	11.494	0.081	10.256	0.042		1.038	0.015	G	1.09	0.02	I	10.2976	0.0030	0.027	119		10.26	10.34		C			1						G
37895	8.673	0.011	8.697	0.014		−0.020	0.015	T	0.00	0.01	L	8.7081	0.0018	0.015	109		8.68	8.73		C			1						
37896	7.336	0.006	7.472	0.010		−0.118	0.010	T	−0.10	0.01	L	7.4715	0.0012	0.013	101		7.44	7.50					1						S
37897	10.834	0.060	9.141	0.026		1.414	0.052	T	1.39	0.08	L	9.1097	0.0028	0.018	51		9.08	9.14		C			1 S						
37898	7.758	0.005	7.560	0.007		0.189	0.008	T	0.21	0.01	L	7.6048	0.0009	0.011	185		7.59	7.63					1						S
37899	9.690	0.024	8.512	0.016	A	1.010	0.023	T	0.99	0.02	L	8.5545	0.0161	0.049	116	A	8.49	8.62		D	07460−4932	I 2	1 C P A						
37900	10.096	0.024	8.157	0.010		1.609	0.021	T	1.63	0.02	L	8.0596	0.0014	0.014	111		8.04	8.08					1						

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
37901		07 46 02.16	−06 46 20.2	5.49		G	116.509 006 14	−06.772 284 58		13.68	48.91	−93.07	0.75	0.52	0.92	0.99	0.72	+25	+24	−20	+16	+9	−30	+4	+24	+9	+39	0	−1.23
37902		07 46 02.35	+60 29 40.1	9.08		H	116.509 788 90	+60.494 468 84		1.94	−8.10	−6.76	0.93	0.78	1.28	1.16	1.10	−16	+6	+12	+16	+9	+7	−3	−33	−10	−37	0	0.49
37903		07 46 02.54	+61 21 47.1	9.96		H	116.510 589 65	+61.363 082 06		1.47	2.63	−5.82	1.01	0.74	1.29	1.17	1.03	−14	+13	+0	+30	+4	−1	−7	−19	−4	−36	0	−1.51
37904		07 46 03.09	−67 25 55.2	7.75		H	116.512 870 17	−67.431 988 56		2.37	−0.10	11.50	0.55	0.49	0.56	0.63	0.62	−3	+17	+12	−11	−6	−13	−4	−11	+10	−28	1	0.23
37905		07 46 03.57	−49 31 57.5	10.36		H	116.514 887 90	−49.532 640 67	B	2.43	−12.29	12.65	21.26	20.37	7.51	17.27	16.25	−13	+10	+5	+12	+2	+1	−5	−24	−8	−27	4	1.87
37906		07 46 03.61	−23 08 29.7	6.95		H	116.515 060 82	−23.141 595 41		17.36	−107.57	−23.35	0.61	0.58	0.89	0.82	0.62	−11	+4	−14	−6	+12	−8	+9	−32	+19	−16	0	−0.52
37907		07 46 06.60	−20 45 34.1	8.28		H	116.527 493 89	−20.759 460 46		2.18	−3.86	12.93	0.70	0.73	1.16	0.87	0.75	+7	+11	−20	−4	−2	−8	+0	−31	+15	+15	2	1.96
37908		07 46 07.49	+18 30 36.6	4.89	1	G	116.531 223 79	+18.510 168 77		9.55	−75.55	−51.53	0.73	0.46	0.83	0.77	0.48	−27	+44	−29	−8	−3	−20	−6	−11	+4	−14	4	2.10
37909	H	07 46 07.94	+21 07 19.3	7.41		G	116.533 068 60	+21.122 020 95	A	9.49	30.67	−6.98	2.24	1.57	1.69	1.57	1.02	−42	+12	−7	−24	+1	−5	+4	−31	−3	−16	2	1.04
37910		07 46 09.11	−51 33 02.7	7.31		H	116.537 966 11	−51.550 756 27		2.14	−7.99	7.53	0.49	0.47	0.54	0.54	0.55	+0	+29	+4	−5	−2	−7	−1	+4	−1	−15	0	0.89
37911		07 46 09.28	+16 26 18.5	7.55		G	116.538 646 47	+16.438 476 24		−0.10	−10.10	−13.89	0.90	0.57	1.03	0.95	0.58	−43	+42	−23	−8	−1	−27	+2	−21	+23	−50	0	0.37
37912		07 46 09.40	+03 41 15.1	8.19		H	116.539 171 87	+03.687 526 72		2.68	0.66	11.02	1.35	0.88	1.44	1.40	1.08	−38	+55	−46	−47	+25	−44	+10	−20	+8	−31	0	1.01
37913		07 46 10.18	−03 57 40.0	7.65		H	116.542 416 66	−03.961 109 79		2.63	−10.46	−3.15	1.14	0.87	1.18	1.60	1.04	+31	−6	−55	−55	−46	+27	−44	−37	+17	+53	0	−1.10
37914		07 46 10.32	+23 32 55.3	7.69		H	116.543 011 28	+23.548 691 81		1.82	−6.72	−6.65	0.90	0.54	0.96	0.98	0.60	−17	+30	−18	+8	−21	−10	−22	+0	+1	−14	2	−1.02
37915		07 46 10.56	−37 56 01.3	5.87	2	H	116.543 994 74	−37.933 700 08		5.16	−19.53	12.37	0.41	0.42	0.53	0.45	0.54	−1	+20	−19	−15	+5	−18	+4	+10	−1	−7	1	−0.48
37916		07 46 13.38	−47 41 24.3	8.48		H	116.555 765 10	−47.690 089 83		1.73	−4.62	4.34	0.64	0.61	0.70	0.76	0.71	+12	+9	−3	+2	−17	+12	−17	−14	+8	+3	1	−1.85
37917		07 46 14.00	+51 01 32.4	6.97	1	H	116.558 344 46	+51.025 659 86		3.40	4.24	5.69	0.66	0.46	0.95	1.05	0.72	+1	+12	−7	−12	−40	+22	−40	−11	−6	−6	0	−1.32
37918		07 46 14.88	−59 48 52.0	8.19		H	116.562 011 66	−59.814 457 32	A	27.59	−66.83	149.66	2.53	2.66	2.11	2.24	3.02	−5	−2	+11	+17	−10	+12	−16	−10	−13	−13	17	2.70
37919		07 46 15.47	+61 47 55.0	9.22		H	116.564 471 52	+61.798 612 34		1.44	−1.23	−8.19	1.01	0.73	1.24	1.15	0.99	−20	+25	−10	+36	−3	+13	−9	+0	−4	−36	0	−0.33
37920	H	07 46 15.68	+13 43 43.4	8.22		H	116.565 339 91	+13.728 722 44	A	2.11	−9.06	−12.26	1.95	1.06	1.79	1.76	0.98	−27	+45	−32	−20	−11	−20	+2	−13	+25	−41	1	0.81
37921		07 46 16.22	+10 46 05.9	5.25		H	116.567 579 52	+10.768 311 28		10.44	−30.87	−24.45	0.82	0.40	0.84	0.86	0.41	−9	+35	−8	−20	−20	−19	−15	−23	+15	−30	1	1.72
37922		07 46 16.41	+17 00 51.4	8.46		H	116.568 356 59	+17.014 264 19		9.63	22.83	−17.19	1.09	0.61	1.21	1.11	0.64	−24	+44	−21	−16	−15	−10	−6	−19	+18	−35	2	0.64
37923		07 46 17.02	−59 48 35.5	8.27		H	116.570 924 29	−59.809 871 84	B	36.55	−47.58	148.31	6.90	6.83	4.50	5.26	5.66	−5	+1	+12	+17	−12	+12	−18	−12	−9	−14	17	2.70
37924		07 46 18.22	−71 43 13.6	7.57		G	116.575 913 32	−71.720 437 24		10.67	5.41	57.24	0.56	0.50	0.56	0.58	0.55	−3	+36	+6	−7	−20	−1	−13	+21	+1	−25	0	1.07
37925	H	07 46 18.92	−37 53 51.9	7.71	1	G	116.578 827 40	−37.897 748 21	A	0.54	−7.94	3.77	1.04	1.03	1.03	0.91	1.10	+11	+11	−11	−14	+6	−11	+2	−16	−17	−10	9	−0.41
37926		07 46 19.05	−46 09 34.8	7.58		H	116.579 366 95	−46.159 659 37		2.84	−4.19	8.06	0.54	0.53	0.62	0.76	0.68	+8	+8	+8	+19	−6	−8	−5	+5	−17	+11	0	−1.72
37927		07 46 19.46	−28 54 38.0	7.85	2	G	116.581 080 80	−28.910 548 79		1.27	−10.84	18.75	0.46	0.63	0.85	0.54	0.75	+2	−8	−12	+9	+4	+20	+4	−14	−8	−13	0	0.91
37928		07 46 22.10	−33 25 31.2	7.90		H	116.592 080 15	−33.425 340 37		2.12	3.52	−4.50	0.50	0.62	0.77	0.56	0.78	−1	−7	−12	+6	−6	−2	−6	+11	+1	−19	0	0.44
37929		07 46 22.13	−45 05 15.0	8.02		H	116.592 201 72	−45.087 506 53		1.53	−0.68	3.78	0.59	0.65	0.73	0.70	0.77	+2	+16	+0	+11	−6	+9	−7	+7	−6	−9	0	0.03
*37930		07 46 23.36	−61 25 51.0	7.38		G	116.597 325 76	−61.430 842 11		19.56	−61.69	283.78	0.54	0.54	0.58	0.58	0.72	−8	+0	−11	+14	−15	+12	−17	+8	+13	−26	0	−0.56
*37931		07 46 23.36	−64 03 25.8	9.83		H	116.597 324 52	−64.057 163 05		8.15	−193.98	168.99	1.01	1.03	1.07	1.24	1.25	−13	+13	+8	+5	−4	−4	−6	−8	+3	−32	0	−0.48
37932		07 46 24.10	−49 14 28.1	6.95		H	116.600 406 65	−49.241 145 95		4.47	−28.17	41.43	0.49	0.45	0.54	0.57	0.50	+0	+15	+8	+0	−10	+17	−13	−8	−11	−11	0	0.72
37933		07 46 25.47	−26 23 21.7	8.10		H	116.606 135 51	−26.389 361 21		0.59	−6.52	4.75	0.45	0.65	1.00	0.51	0.64	+11	+8	−8	+24	+0	+6	−4	−24	+5	+0	3	0.40
37934		07 46 27.46	+62 49 50.4	6.50	1	H	116.614 423 48	+62.830 670 78		12.32	−36.98	−61.01	0.49	0.45	0.73	0.50	0.51	+6	+18	−11	+5	+23	+4	+33	−18	+18	+34	0	0.95
37935		07 46 28.54	−61 24 02.4	9.17		H	116.618 934 62	−61.400 654 68		5.19	9.43	−26.87	0.77	0.80	0.83	0.84	1.06	−3	−1	−6	+14	−13	+12	−19	−3	+8	−26	0	−0.41
37936	H	07 46 28.55	+45 54 53.6	9.03		H	116.618 961 13	+45.914 882 11	A	3.21	−3.57	−17.42	2.14	1.67	2.10	2.94	1.92	−26	+27	−18	−8	+7	+8	+18	−25	+13	+15	1	0.16
37937		07 46 33.32	+47 08 46.8	9.41		H	116.638 852 12	+47.146 344 41		8.55	−15.91	−3.65	1.61	1.21	1.66	2.07	1.51	+1	+34	−19	+35	+23	+0	+18	+1	−10	+11	0	0.56
37938		07 46 33.44	−40 03 34.3	6.56		H	116.639 323 13	−40.059 529 32		1.43	−4.46	6.87	0.41	0.44	0.53	0.41	0.50	+6	+16	−9	+9	−8	+10	−9	−1	+3	−6	0	−2.29
37939		07 46 33.45	−37 46 21.0	6.31		H	116.639 374 26	−37.772 493 01		5.46	−50.16	−31.50	0.43	0.48	0.58	0.45	0.60	+2	+14	−15	−10	−3	−11	−6	+7	−11	+0	1	−0.55
37940		07 46 34.21	−06 20 24.3	7.98		H	116.642 543 43	−06.340 078 77		6.33	−24.76	2.05	0.97	0.81	1.24	1.23	0.98	+0	+39	−47	−27	−7	−21	−30	+15	−18	+45	0	0.64
37941		07 46 34.86	−11 41 16.8	7.93		H	116.645 237 48	−11.688 006 27		5.85	−2.45	0.29	0.90	0.83	1.06	1.38	0.94	+7	+15	−11	−53	+1	−48	+3	−61	−5	+9	0	−0.59
37942	H	07 46 35.36	+04 07 50.2	7.49		G	116.647 322 36	+04.130 598 06	A	1.86	−10.52	0.34	1.83	1.45	1.95	2.17	1.59	−34	+41	−55	−19	−11	−1	−13	−2	+5	−10	3	1.45
37943		07 46 37.20	+01 51 27.9	7.44		H	116.655 013 22	+01.857 753 29		5.55	−0.32	−9.55	1.02	0.70	1.11	1.06	0.84	+5	+29	−25	−17	−8	−21	−18	−8	−10	+8	3	2.32
37944		07 46 37.67	−66 42 29.5	8.88		H	116.656 971 97	−66.708 196 56		4.18	−17.86	29.83	0.70	0.66	0.75	0.67	0.79	−6	+3	+16	−27	−8	−13	−4	−2	−7	−23	0	0.47
37945		07 46 37.96	+38 16 19.7	8.02		H	116.658 167 64	+38.272 150 43		4.69	8.48	2.64	1.25	0.91	1.67	2.18	1.00	−15	+10	−7	−4	+6	+54	+8	−38	−30	−23	0	−1.19
37946		07 46 39.26	+37 31 02.5	5.15	1	H	116.663 580 38	+37.517 363 26		9.99	30.18	12.70	0.86	0.71	0.99	1.09	0.76	−22	+18	+10	−10	+32	+32	+19	−52	−34	−35	0	3.20
37947		07 46 39.49	+16 38 54.4	8.08		H	116.664 555 45	+16.648 456 55		0.71	−0.78	−3.43	0.91	0.62	1.04	1.06	0.66	−32	+18	−23	+4	−18	−29	−20	−5	+26	−53	0	1.27
37948		07 46 39.95	−50 59 50.6	7.35		H	116.666 466 02	−50.997 384 85		6.18	−36.53	49.51	0.49	0.49	0.54	0.55	0.58	+6	+15	+9	−8	−8	−1	−7	+1	−3	−12	0	0.52
37949		07 46 40.04	+65 27 20.3	5.93		H	116.666 829 71	+65.455 630 92		9.82	28.15	18.39	0.51	0.47	0.71	0.55	0.53	+4	+18	−14	+1	+8	+2	+13	−17	+14	+24	0	−0.86
37950		07 46 43.90	−48 06 43.8	7.31		H	116.682 926 75	−48.112 175 85		5.84	−21.51	21.25	0.54	0.47	0.58	0.57	0.52	+10	+12	+2	−2	−16	+23	−18	+3	−5	−3	1	−0.36
37951		07 46 44.72	−12 40 31.1	6.39		H	116.686 332 86	−12.675 312 62		3.39	−10.32	−0.08	0.55	0.37	0.74	0.67	0.32	+6	+5	+5	+9	+17	−21	+21	−42	+2	+24	0	−0.42
37952	H	07 46 44.89	−03 53 15.3	8.14		G	116.687 038 08	−03.887 580 21	A	3.10	−1.07	−4.48	2.04	1.56	1.95	2.71	1.73	+18	+0	−57	−45	−42	+32	−34	−21	+12	+35	4	1.30
37953	H	07 46 46.04	−46 48 06.1	7.27		H	116.691 827 98	−46.801 684 66	A	3.27	−6.11	8.06	1.06	1.12	0.96	0.98	1.02	+5	−9	−15	+5	−5	−5	−6	+13	−5	−4	9	1.09
37954	H	07 46 46.04	−20 49 52.6	7.34		H	116.691 830 37	−20.831 264 65	A	2.46	−7.66	1.29	1.00	0.96	1.41	1.22	0.88	−4	+29	−6	+8	+3	+4	+14	−28	+22	+8	4	1.26
37955		07 46 48.33	−29 53 43.2	8.70		H	116.701 361 59	−29.895 333 85		2.65	−23.86	16.14	0.57	0.79	1.01	0.75	0.90	+14	+1	−16	−20	−4	+8	−6	−36	+5	−1	1	−0.18
37956		07 46 49.96	−08 49 11.9	7.84		H	116.708 179 13	−08.819 981 57		0.20	−1.98	−0.72	0.64	0.51	1.07	0.82	0.75	−7	+16	−29	+17	+32	−34	+31	+15	+2	−5	0	2.72
37957		07 46 50.02	−29 56 54.4	8.00		H	116.708 418 68	−29.948 449 25		1.33	−7.00	6.27	0.45	0.60	0.77	0.58	0.67	+7	+6	−13	−15	+2	+2	+1	−27	+0	−1	0	0.38
37958		07 46 50.60	−74 05 26.5	8.10		H	116.710 834 09	−74.090 690 78		3.59	−0.59	28.97	0.63	0.55	0.63	0.62	0.63	+2	+28	+12	−1	−16	+3	−16	+13	−4	−17	0	−0.86
37959		07 46 50.69	−04 59 28.4	9.20		G	116.711 191 35	−04.991 215 50		0.56	−5.84	−2.36	1.32	1.28	1.92	1.57	1.26	−37	+45	−67	−14	+22	−29	−13	+25	−32	+17	0	−0.36
37960		07 46 51.86	−01 09 25.8	9.83		H	116.716 075 46	−01.157 172 31		9.38	16.99	−56.54	1.62	1.36	2.07	2.08	1.59	−14	+36	−41	+2	−20	+26	−12	+11	+6	+24	0	2.26
37961		07 46 52.86	+81 40 56.9	7.87	2	H	116.720 250 83	+81.682 473 19		1.76	−1.37	−14.43	0.53	0.53	0.66	0.58	0.59	+11	+25	+2	+17	+3	+7	+4	+7	+2	+26	3	1.54
37962		07 46 54.28	−13 21 05.9	8.60		H	116.726 155 86	−13.351 628 30		2.46	−8.11	−23.27	0.95	0.51	1.27	1.25	0.54	+17	+21	+7	+34	+24	−4	+37	−21	+20	+42	0	−2.66
37963		07 46 54.49	−58 54 24.3	8.19		H	116.727 029 41	−58.906 741 32		2.15	−4.26	10.92	0.66	0.60	0.67	0.69	0.69	+2	+1	+14	+2	−13	−6	−14	+0	−6	−12	1	0.10
37964		07 46 56.02	−04 57 11.3	9.11		H	116.733 434 00	−04.953 138 34		5.77	31.46	59.33	1.27	1.24	1.88	1.48	1.18	−41	+49	−67	−19	+27	−37	−17	+32	−37	+22	0	0.56
37965		07 46 56.28	−03 40 48.6	8.78		H	116.734 507 67	−03.680 175 94		3.88	−1.44	−4.39	1.11	0.83	1.22	1.46	1.05	+8	+15	−33	−15	−13	−8	−18	+0	−7	+25	0	1.08
37966		07 46 56.71	−52 20 49.8	6.93	2	G	116.736 273 50	−52.347 178 02		3.62	−11.96	7.75	0.47	0.47	0.53	0.50	0.52	+10	+22	+16	−6	−13	−5	−12	+2	−5	−8	0	−0.36
*37967		07 46 57.14	+13 53 15.4	8.20		G	116.738 064 74	+13.887 600 88		3.23	−10.75	−5.88	1.03	0.56	1.10	1.09	0.62	−18	+38	−21	−22	−17	−24	−13	−17	+21	−42	0	−0.44
*37968		07 46 57.13	−25 22 13.4	8.27		H	116.738 036 18	−25.370 387 85		8.94	−24.03	−29.15	0.57	0.79	1.16	0.58	0.77	−11	+27	−8	+32	+9	+2	+7	−33	+8	−16	2	−0.09
37969		07 46 57.54	+12 19 45.8	9.78		H	116.739 729 88	+12.329 392 63		0.62	6.03	−6.55	1.50	0.78	1.77	1.78	0.90	−34	+33	−11	−24	−16	−55	−7	−7	+44	−63	4	0.82
37970		07 46 57.80	−50 11 04.1	7.08		H	116.740 820 17	−50.184 483 44		1.83	−3.48	5.91	0.49	0.46	0.54	0.61	0.54	+6	+15	+13	+9	+2	+5	−1	−6	−1	−13	0	−1.82
37971		07 46 58.52	+26 01 29.4	8.51		H	116.743 822 26	+26.024 833 04		18.86	−18.97	−24.11	0.96	0.61	1.04	0.94	0.69	−38	+47	−19	−4	−4	−10	−6	−14	+1	−39	0	−0.12
37972		07 46 59.78	−10 45 26.5	11.66		G	116.749 086 86	−10.757 357 47		12.68	9.56	−14.23	2.27	1.50	3.28	3.15	2.15	−18	+16	−14	−27	+22	−14	+22	−23	+11	−12	0	0.35
*37973		07 47 00.41	+55 32 28.9	7.97	2	H	116.751 710 45	+55.541 372 42		0.60	−8.07	−3.74	0.68	0.46	0.88	0.96	0.75	+12	+20	+8	−10	−14	−6	−17	−25	+1	−8	0	−1.01
*37974		07 47 00.40	+04 55 31.1	7.05		G	116.751 681 78	+04.925 316 09		7.05	15.14	−23.24	0.89	0.66	0.96	1.03	0.79	+7	+21	−25	−25	−15	−29	−27	+0	−15	+12	0	−0.20
37975	H	07 47 00.43	+64 03 07.3	6.78	1	H	116.751 811 15	+64.052 015 17	A	5.77	−13.27	−35.69	1.98	1.78	2.55	2.17	1.92	+17	+14	+2	+2	+18	−4	+21	−9	−5	+36	1	1.53
37976		07 47 02.47	+00 01 06.1	8.35		G	116.760 283 57	+00.018 374 09	A	2.11	0.13	−3.44	3.71	2.64	3.14	3.75	2.79	−26	+48	−38	−34	+11	−22	−2	−13	−13	+4	9	1.59
37977		07 47 02.67	+00 01 23.4	9.28		G	116.761 113 03	+00.023 164 46	B	−1.57	−0.35	−0.74	17.27	13.07	8.48	10.27	7.69	−17	+48	−32	−26	+4	−20	−6	−7	−12	+8	9	1.59
37978		07 47 03.02	−13 56 14.8	11.50		G	116.762 570 64	−13.937 442 80		34.35	118.53	−499.85	1.90	1.20	2.85	2.69	1.23	+14	+14	+4	+19	+18	−23	+25	−29	+3	+36	0	0.24
37979		07 47 04.89	+69 09 17.0	7.13	1	H	116.770 357 05	+69.154 715 00		9.55	−8.10	−68.06	0.33	0.48	0.70	0.38	0.53	+31	+11	+0	+19	−5	+10	−4	−7	+12	+29	2	−0.63
37980		07 47 04.98	+34 57 40.9	7.68		H	116.770 745 14	+34.961 366 54		8.16	−10.51	−40.23	0.88	0.47	0.94	1.05	0.60	−25	+35	−12	+11	−11	−8	−10	−12	−5	−9	0	0.24
37981		07 47 05.48	−27 54 32.0	9.25		G	116.772 822 79	−27.908 882 48		1.86	−2.75	2.16	1.12	1.61	2.14	1.35	1.81	+15	−3	−8	+16	+4	+6	+2	−9	+2	+4	0	
37982		07 47 05.77	−39 19 51.7	6.33	1	H	116.774 058 56	−39.331 033 29		4.76	−22.17	15.50	0.43	0.46	0.55	0.48	0.52	−4	+4	−13	+19	−11	+15	−10	+15	−12	−20	0	0.27
*37983		07 47 07.19	−41 30 13.5	6.93		G	116.779 974 41	−41.503 740 24		1.00	−2.81	5.33	0.46	0.50	0.57	0.52	0.63	−4	+5	−4	−19	+6	+12	+7	−14	−10	−23	0	0.10
*37984	H	07 47 07.07	+18 47 19.2	8.27		H	116.779 449 44	+18.788 668 29	*	3.27	−2.23	−4.41	2.06	1.18	1.52	1.33	0.86	−67	+38	−36	−12	+6	−14	+2	−17	−3	−16	0	−0.80
37985		07 47 07.36	−41 31 03.0	7.65	2	H	116.780 659 39	−41.517 509 22		2.75	−5.22	3.79	0.59	0.69	0.73	0.68	0.86	−6	+3	+6	−27	+10	+4	+10	−31	−6	−24	0	0.62
37986		07 47 07.65	+22 06 22.1	8.70		H	116.781 859 35	+22.106 142 49		1.72	4.50	3.16	1.27	0.77	1.33	1.70	1.10	−19	+40	−32	−41	−17	−20	−24	−36	−1	+20	0	0.69
37987		07 47 08.10	−43 20 28.3	7.67		H	116.783 740 68	−43.341 203 74		4.12	−9.70	−3.61	0.50	0.58	0.63	0.55	0.67	−3	+4	+1	+6	−11	−5	−11	+12	−6	−15	0	−1.08
37988		07 47 09.00	+23 39 49.6	7.52		H	116.787 503 84	+23.663 774 04		3.77	−6.68	−26.02	0.86	0.56	0.97	1.03	0.63	−24	+18	−12	+7	−21	−25	−20	+2	+17	−23	0	−0.56
37989		07 47 09.62	+24 52 08.0	9.05		H	116.790 084 39	+24.868 898 66		2.47	5.06	−7.05	1.24	0.74	1.38	1.56	0.87	−36	+36	−25	+25	−24	−7	−9	+3	+27	−14	0	−1.63
37990		07 47 09.89	+00 55 07.6	7.44		H	116.791 193 12	+00.918 776 57		5.60	−4.42	1.70	0.96	0.72	1.11	1.18	0.82	−17	+41	−43	−17	−2	−11	−7	−11	+0	+20	0	−1.01
37991		07 47 10.12	+31 56 16.6	8.61		H	116.792 171 20	+31.937 950 10		10.94	33.66	−157.15	1.34	0.64	1.40	1.75	0.87	−26	+46	−11	−23	−7	−15	−10	−30	−12	+2	0	−0.54
37992		07 47 10.16	−39 06 11.7	7.12		H	116.792 345 95	−39.103 247 95		5.46	−32.95	−6.95	0.43	0.48	0.56	0.50	0.56	−3	−1	−17	+8	−3	+4	−2	+8	−2	−22	0	−1.39
37993	H	07 47 11.04	−43 23 40.4	7.58		G	116.796 003 25	−43.394 559 52	A	1.45	−6.42	9.04	1.29	1.41	0.99	0.90	1.01	−28	−1	+8	+6	−3	−1	−2	+7	−7	−33	1	0.17
37994		07 47 11.33	+02 27 54.4	8.07		H	116.797 215 30	+02.465 100 66		3.38	−4.92	−3.32	1.18	0.75	1.25	1.29	0.95	−10	+50	−24	−20	+2	−21	−2	−8	+2	+1	0	0.70
37995		07 47 12.56	−22 31 10.3	5.90		H	116.802 326 86	−22.519 535 36		3.30	−7.61	10.34	0.51	0.48	0.72	0.55	0.45	−4	+7	−7	−25	+5	−10	+5	−39	+16	−4	0	−0.40
37996		07 47 14.62	−36 04 25.2	6.46		H	116.810 913 75	−36.073 666 04		7.61	−34.73	27.05	0.43	0.49	0.59	0.47	0.61	−3	+9	−4	+22	−4	+7	−4	+13	+10	−12	0	−0.02
37997		07 47 14.69	+08 21 38.7	9.16		H	116.811 218 51	+08.360 737 61		4.06	−4.02	0.74	1.15	0.67	1.22	1.28	0.77	−3	+12	−11	−18	−20	−28	−23	−9	+9	−18	0	1.24
37998		07 47 14.97	−35 22 50.3	9.01		H	116.812 388 39	−35.380 651 91		2.33	−13.29	11.09	0.66	0.71	0.88	0.75	0.85	+8	−4	−5	+21	+5	−1	+4	+13	+11	−8	0	0.56
37999		07 47 15.61	+42 03 12.9	8.65	2	H	116.815 023 17	+42.053 577 88		1.83	−5.19	−31.72	1.23	0.92	1.40	1.72	1.00	−5	+33	−42	+34	+0	+8	+13	+3	+12	+34	0	0.75
38000		07 47 18.66	−19 55 56.2	8.14		H	116.827 756 31	−19.932 281 03		2.16	−13.17	8.03	0.60	0.57	0.97	0.63	0.55	−2	+18	−3	−26	+2	−13	+5	−36	+14	+9	1	0.73

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
37901	7.292	0.009	5.661	0.005		1.378	0.004	G	1.27	0.04	E	5.6414	0.0010	0.007	78		5.63	5.65					1							S
37902	10.747	0.039	9.214	0.018		1.288	0.034	T	1.25	0.04	L	9.2287	0.0018	0.020	105		9.20	9.26		C			1							
37903	9.763	0.021	9.930	0.033		−0.146	0.034	T	−0.14	0.05	L	9.9088	0.0027	0.029	111		9.85	9.95					1							
37904	7.736	0.006	7.744	0.008		−0.003	0.009	T	0.02	0.01	L	7.7595	0.0009	0.008	117		7.74	7.78					1							S
37905	10.617	0.042	10.162	0.043	B	0.429	0.055	T	0.50	0.06	L	10.5110	0.0826			B				D	07460−4932	I 2	1 C I A							
37906	7.538	0.007	7.003	0.006		0.509	0.007	T	0.58	0.01	L	7.0565	0.0010	0.009	109		7.04	7.07		C			1							S
37907	10.325	0.030	8.429	0.012		1.575	0.026	T	1.59	0.03	L	8.3961	0.0017	0.015	116		8.37	8.43					1							
37908	6.773	0.006	5.040	0.003		1.425	0.034	G	1.54	0.03	C	4.9991	0.0009	0.007	85		4.99	5.01		M			1							S G
37909	7.869	0.009	7.462	0.009	*	0.384	0.005	G	0.45	0.01	H *	7.4957	0.0012	0.009	95	*	7.48	7.51		D	07461+2107	I 1	2 C A	AB	238	0.418	0.004	0.54	0.01	S
37910	8.417	0.010	7.423	0.006		0.870	0.009	T	0.88	0.01	L	7.4705	0.0011	0.010	131		7.46	7.49					1							S
37911	9.477	0.019	7.731	0.009		1.440	0.020	G	1.44	0.03	H	7.6912	0.0012	0.009	87		7.67	7.71		C			1							S
37912	9.562	0.027	8.302	0.017		1.074	0.025	T	1.04	0.02	L	8.3600	0.0022	0.011	48		8.34	8.38		C			1							
37913	7.662	0.010	7.637	0.013		0.000	0.015	G	0.02	0.01	H	7.6577	0.0019	0.008	47		7.64	7.68					1							S
37914	7.547	0.008	7.660	0.010		−0.098	0.011	T	−0.08	0.01	L	7.6568	0.0012	0.009	81		7.64	7.68		C			1							S
37915	5.731	0.005	5.845	0.005		−0.111	0.010	G	−0.10	0.01	H	5.8384	0.0011	0.045	122		5.82	5.93		U 2 C			1							S
37916	8.445	0.010	8.482	0.013		−0.027	0.015	G	−0.01	0.01	H	8.4777	0.0015	0.014	95		8.45	8.50					1							
37917	9.148	0.012	7.186	0.005		1.627	0.010	T	1.65	0.01	L	7.0829	0.0011	0.014	166		7.06	7.11		M			1							S
37918	9.103	0.023	8.227	0.018	A	0.782	0.022	T	0.82	0.02	L	8.3365	0.0165	0.058	88	A	8.12	8.41		D	07463−5949	I 2	1 C P A							
37919	10.498	0.035	9.302	0.022		1.024	0.032	T	1.00	0.03	L	9.3869	0.0021	0.020	115		9.35	9.43					1							
37920	8.438	0.011	8.139	0.012	*	0.284	0.015	T	0.32	0.02	L *	8.2972	0.0021	0.019	97	*	8.27	8.33		R	07463+1344	I 1	2 C A	AB	25	2.268	0.003	0.87	0.02	S
37921	5.269	0.002	5.249	0.003		0.018	0.008	G	0.04	0.01	H	5.2598	0.0004	0.004	119		5.25	5.27		C			1							S
37922	8.993	0.014	8.486	0.014		0.476	0.018	T	0.55	0.02	L	8.5608	0.0015	0.012	87		8.54	8.58		C	07463+1701	I 1	1							S
37923	9.215	0.018	8.332	0.014	B	0.787	0.017	T	0.82	0.01	L	8.4430	0.0174			B				D	07463−5949	I 2	1 C I A							
37924	8.042	0.009	7.616	0.007		0.438	0.015	G	0.51	0.02	H	7.6699	0.0011	0.010	109		7.65	7.69		C			1							S
37925	7.696	0.009	7.713	0.013	*	0.020	0.008	G	0.04	0.01	H *	7.7091	0.0030	0.020	120	*	7.68	7.74	1.26	P 1 A	07463−3754	H 1	2 C B	AB	65	0.471	0.024	3.28	0.15	S
37926	7.496	0.006	7.567	0.008		−0.060	0.015	G	−0.04	0.01	H	7.5698	0.0011	0.009	101		7.55	7.59		C			1							S
37927	8.171	0.007	7.879	0.007		0.256	0.013	G	0.29	0.02	H	7.9161	0.0023	0.021	158		7.88	7.95		U 2			1							S P
37928	7.779	0.008	7.888	0.010		−0.093	0.015	G	−0.07	0.02	H	7.8764	0.0012	0.012	143		7.86	7.90					1							S
37929	9.900	0.023	8.187	0.011		1.430	0.020	T	1.42	0.03	L	8.1553	0.0012	0.013	115		8.13	8.18		C			1							
37930	8.321	0.009	7.461	0.007		0.758	0.004	G	0.80	0.00	H	7.5224	0.0008	0.009	109		7.51	7.54					1							S
37931	10.566	0.033	9.880	0.029		0.634	0.036	T	0.70	0.03	L	9.9584	0.0034	0.028	115		9.92	10.00					1							G
37932	7.149	0.004	6.971	0.006		0.163	0.007	T	0.18	0.01	L	7.0110	0.0009	0.008	117		7.00	7.02					1							S
37933	7.936	0.006	8.060	0.008		−0.108	0.009	T	−0.09	0.01	L	8.0657	0.0011	0.015	180		8.04	8.10					1							
37934	6.832	0.004	6.504	0.004		0.262	0.002	G	0.29	0.00	H	6.5686	0.0012	0.014	154		6.54	6.59	4.29	P 1 A			1							S
37935	9.833	0.020	9.228	0.018		0.564	0.024	T	0.64	0.02	L	9.2955	0.0023	0.018	106		9.27	9.33		C			1							
37936	9.651	0.033	9.324	0.035	A	0.347	0.072	G	0.36	0.07	B *	9.1074	0.0030	0.019	45	*	9.08	9.15		D	07465+4555	I 1	2 C A	AB	83	5.131	0.013	1.66	0.06	
37937	9.930	0.037	9.475	0.038		0.429	0.049	T	0.50	0.05	L	9.5041	0.0034	0.023	50		9.48	9.56		C			1							
37938	6.393	0.004	6.535	0.004		−0.124	0.005	T	−0.11	0.01	L	6.5170	0.0009	0.007	124		6.50	6.53					1							S
37939	8.078	0.010	6.465	0.006		1.348	0.012	G	1.43	0.06	F	6.4468	0.0008	0.008	125		6.43	6.46		C			1							S
37940	8.368	0.014	8.003	0.014		0.346	0.018	T	0.41	0.02	L	8.0588	0.0019	0.011	52		8.04	8.08		C			1							S
37941	8.031	0.006	7.935	0.008		0.094	0.009	T	0.11	0.01	L	7.9684	0.0010	0.012	168		7.94	7.99					1 G							S
37942						0.628	0.040	G	0.70	0.04	H *	7.6580	0.0067	0.025	46	*	7.62	7.68		R	07466+0408	I 1	2 C A	AB	133	3.061	0.004	0.92	0.02	S
37943	7.579	0.011	7.473	0.013		0.103	0.016	T	0.12	0.02	L	7.4821	0.0019	0.009	51		7.47	7.50		C	07466+0151	I 1	1 S							S
37944	9.279	0.016	8.926	0.016		0.335	0.021	T	0.39	0.03	L	8.9592	0.0023	0.023	104		8.93	9.00					1							
37945	9.575	0.032	8.121	0.018		1.226	0.029	T	1.18	0.03	L	8.1863	0.0019	0.011	40		8.17	8.22		D			1							
37946	7.237	0.008	5.351	0.005		1.588	0.010	G	2.03	0.05	F	5.2301	0.0024	0.011	42		5.21	5.25		U 2			1 S							S
37947	8.037	0.009	8.061	0.011		−0.017	0.013	T	0.01	0.01	L	8.0804	0.0012	0.011	88		8.06	8.09		C			1							S
37948	7.514	0.006	7.370	0.007		0.131	0.009	T	0.15	0.01	L	7.4026	0.0012	0.011	123		7.38	7.42		C			1							S
37949	7.469	0.006	6.070	0.004		1.183	0.006	T	1.14	0.01	L	6.1008	0.0009	0.008	129		6.09	6.11					1							S
37950	7.436	0.006	7.326	0.007		0.099	0.008	T	0.11	0.01	L	7.3488	0.0011	0.008	104		7.33	7.36		C			1							S
37951	6.381	0.003	6.390	0.003		−0.004	0.004	T	0.02	0.00	L	6.3986	0.0008	0.008	176		6.39	6.43					1							S
37952	8.951	0.020	8.221	0.017	A	0.697	0.015	G	0.75	0.01	H *	8.1838	0.0019	0.013	46	*	8.17	8.21		D	07467−0353	H 1	2 C A	AB	69	2.810	0.024	2.82	0.09	S
37953	7.159	0.006	7.273	0.007	*	−0.099	0.008	T	−0.08	0.01	L *	7.2436	0.0020	0.015	109	*	7.22	7.27		D	07468−4648	I 1	2 C A	AB	28	0.496	0.004	1.12	0.02	S
37954	7.277	0.006	7.367	0.007	A	−0.400	0.495	G	−0.02	0.01	L *	7.3309	0.0011	0.010	113	*	7.31	7.35		C	07468−2050	I 1	2 C D	AB	339	3.942	0.044	3.89	0.25	S D
37955	10.210	0.026	8.827	0.014		1.230	0.015	G	1.19	0.01	H	8.8668	0.0016	0.018	171		8.83	8.90		C			1							
37956	8.880	0.011	7.936	0.008		0.833	0.010	T	0.85	0.01	L	7.9967	0.0013	0.013	141		7.97	8.02		C			1							S
37957	7.841	0.006	7.955	0.008		−0.098	0.009	T	−0.08	0.01	L	7.9756	0.0013	0.013	175		7.95	8.00					1							
37958	8.287	0.009	8.119	0.010		0.153	0.013	T	0.17	0.01	L	8.1532	0.0012	0.012	115		8.13	8.18					1							S
37959	10.383	0.043	9.293	0.028		0.970	0.015	G	0.95	0.01	I	9.3488	0.0038	0.024	48		9.32	9.39		C			1							
37960	10.577	0.058	9.976	0.053		0.560	0.069	T	0.63	0.06	L	9.9467	0.0041	0.028	53		9.90	10.00		C			1							G
37961	7.936	0.012	7.891	0.014		0.086	0.008	G	0.10	0.01	H	7.9067	0.0186	0.128	143		7.71	8.02		U 2 C			1 S							S
37962	9.795	0.015	8.701	0.010		0.945	0.014	T	0.94	0.01	L	8.7648	0.0014	0.018	176		8.74	8.80					1							
37963	8.226	0.008	8.189	0.010		0.034	0.011	T	0.05	0.01	L	8.2054	0.0015	0.012	100		8.18	8.22		C			1							S
37964	9.952	0.035	9.172	0.028		0.649	0.001	G	0.71	0.00	H	9.2409	0.0020	0.013	51		9.22	9.27					1							
37965	8.859	0.019	8.805	0.024		0.055	0.028	T	0.07	0.02	L	8.8097	0.0030	0.013	53		8.79	8.84		C			1							
37966	6.766	0.005	6.897	0.006		−0.125	0.004	G	−0.11	0.01	H	6.8916	0.0040	0.029	125		6.85	6.92	6.46	P 1 A			1							S
37967	8.160	0.009	8.176	0.011		−0.032	0.002	G	−0.01	0.00	H	8.2017	0.0014	0.011	101		8.19	8.23		C			1							S
37968	8.850	0.009	8.324	0.009		0.502	0.010	T	0.57	0.01	L	8.3789	0.0017	0.017	183		8.35	8.41					1							
37969	11.443	0.094	9.898	0.037		1.297	0.079	T	1.26	0.08	L	9.9409	0.0025	0.018	103		9.91	9.97		C			1							G
37970	7.103	0.005	7.089	0.006		0.013	0.007	T	0.03	0.01	L	7.0886	0.0009	0.010	119		7.07	7.10		C			1							S
37971	9.333	0.018	8.574	0.015		0.687	0.005	G	0.74	0.00	H	8.6473	0.0013	0.014	86		8.63	8.67		D			1							
37972						1.615	0.143	G	1.75	0.21	K	11.7785	0.0061	0.046	103		11.68	11.84					1							G
37973	10.167	0.023	8.190	0.009		1.675	0.020	T	2.32	0.05	O	8.0164	0.0044	0.056	194		7.93	8.08		U 2			1 S							P
37974	7.148	0.010	7.060	0.011		0.089	0.001	G	0.10	0.00	H	7.0732	0.0018	0.012	43		7.04	7.09					1							S
37975	6.844	0.006	6.674	0.007	*	0.125	0.150	G	0.07	0.01	L *	6.8009	0.0014	0.014	142	−	6.78	6.84		U 2	07470+6403	I 1	3 C A							S G
37976	8.279	0.019	8.318	0.024	A	−0.006	0.014	G	0.01	0.01	H	8.3303	0.0207	0.060	52	A	8.23	8.44		D	07470+0001	I 2	1 C P A							
37977	9.325	0.039	9.276	0.052	B	0.095	0.025	G	0.11	0.03	H	9.4660	0.0463			B				D	07470+0001	I 2	1 C I A							
37978						1.380	0.031	G	1.63	0.06	I	11.5767	0.0048	0.052	180		11.50	11.67					1							G
37979	7.463	0.004	7.160	0.004		0.288	0.005	T	0.33	0.01	L	7.2030	0.0009	0.014	287		7.18	7.22		M			1							S
37980	7.938	0.009	7.708	0.009		0.219	0.012	T	0.24	0.01	L	7.7476	0.0010	0.012	107		7.72	7.77					1							S
37981	9.798	0.015	9.342	0.015		0.495	0.014	G	0.57	0.01	H	9.3742	0.0021	0.025	192		9.33	9.42					1 X							G
37982	6.136	0.004	6.299	0.004		−0.142	0.005	T	−0.14	0.01	L	6.2816	0.0020	0.021	125		6.24	6.30	2.41	P 1 A			1							S P
37983	6.701	0.004	6.892	0.005		−0.168	0.002	G	−0.17	0.00	H	6.8771	0.0009	0.009	109		6.86	6.89		C	07471−4131	I 2	1							S
37984	8.434	0.011	8.315	0.013	*	0.115	0.016	T	0.13	0.02	L *	8.3194	0.0014	0.010	86	*	8.30	8.33		D	07471+1847	I 1	2 C A	AB	73	0.266	0.007	0.18	0.06	S
37985	9.655	0.022	7.874	0.010		1.484	0.019	T	1.50	0.03	L	7.7769	0.0036	0.039	106		7.71	7.82		U 2	07471−4131	I 2	1							P
37986	10.472	0.046	8.811	0.019		1.389	0.039	T	1.36	0.05	L	8.8468	0.0024	0.014	71		8.82	8.87		C			1 G							
37987	7.666	0.007	7.662	0.007		0.005	0.009	T	0.03	0.01	L	7.6815	0.0010	0.011	123		7.67	7.70		C			1							S
37988	8.760	0.013	7.604	0.009		0.993	0.012	T	0.97	0.01	L	7.6819	0.0015	0.009	92		7.67	7.70		C			1							S
37989	10.479	0.045	9.161	0.024		1.119	0.040	T	1.08	0.04	L	9.2200	0.0017	0.017	76		9.19	9.24		C			1							
37990	9.100	0.020	7.569	0.011		1.301	0.031	G	1.29	0.03	H	7.5937	0.0015	0.014	49		7.57	7.62		R			1 S							S
37991	9.281	0.017	8.672	0.016		0.567	0.020	T	0.64	0.02	L	8.7322	0.0013	0.013	93		8.71	8.76					1							
37992	7.564	0.005	7.171	0.006		0.372	0.007	T	0.43	0.01	L	7.2119	0.0010	0.009	132		7.20	7.22		C			1							S
37993	7.523	0.006	7.590	0.008	*	−0.050	0.015	G	−0.03	0.01	H *	7.5793	0.0011	0.011	129	*	7.56	7.60		D	07472−4324	I 1	2 C A	AB	299	0.367	0.003	0.82	0.02	S
37994	8.241	0.013	8.093	0.015		0.134	0.015	G	0.15	0.01	H	8.1203	0.0022	0.011	48		8.11	8.14		C			1							S
37995	5.657	0.003	5.865	0.004		−0.180	0.004	T	−0.19	0.01	L	5.8304	0.0006	0.007	120		5.82	5.84		C			1							S
37996	7.844	0.006	6.572	0.004		1.083	0.006	T	1.05	0.01	L	6.6242	0.0011	0.008	132		6.61	6.64					1							S
37997	9.168	0.019	9.148	0.024		0.023	0.028	T	0.04	0.02	L	9.1765	0.0028	0.020	82		9.15	9.22		C			1							
37998	9.138	0.013	9.025	0.016		0.102	0.019	T	0.12	0.02	L	9.0470	0.0021	0.021	139		9.01	9.08					1							
37999	10.520	0.049	8.809	0.021		1.428	0.042	T	1.42	0.07	L	8.7923	0.0077	0.047	55		8.70	8.87		U 2			1 S							P
38000	8.086	0.007	8.119	0.009		−0.040	0.015	G	−0.02	0.01	H	8.1376	0.0012	0.013	134		8.12	8.16					1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
38001		07 47 19.88	+44 39 27.8	9.07		H	116.832 832 30	+44.657 733 64		11.18	−63.56	−156.52	1.29	0.99	1.55	2.00	1.35	+ 4	−13	−16	− 4	− 2	+17	− 5	−11	+40	+20	0	0.30
38002		07 47 20.22	+29 35 29.6	9.58		H	116.834 256 25	+29.591 565 84		4.43	3.76	−1.09	1.28	0.83	1.34	1.48	0.95	−37	+23	−29	−32	− 4	+ 7	− 2	−29	+ 3	−14	0	−1.38
38003		07 47 20.82	+47 20 17.7	7.73	2	T	116.836 768 38	+47.338 238 10		4.97	−7.09	−1.56	1.21	0.80	1.23	1.32	0.93	−18	+50	−20	+39	+ 4	− 8	− 6	+12	−16	− 8	0	2.47
38004		07 47 22.30	+33 33 52.3	7.32		H	116.842 912 80	+33.564 520 53		5.38	9.91	−72.37	0.83	0.42	0.88	0.95	0.55	−15	+33	− 4	+14	− 5	−25	− 4	−10	− 4	− 3	0	0.89
38005		07 47 22.48	+15 31 14.9	8.24		H	116.843 672 95	+15.520 815 65		5.33	−18.47	−47.52	1.03	0.60	1.16	1.10	0.65	−33	+43	−35	−22	−13	−22	− 7	−18	+26	−47	2	0.81
38006		07 47 22.74	−08 02 41.6	9.21		H	116.844 743 40	−08.044 901 06		2.68	−3.61	−2.32	0.71	0.57	1.26	0.89	0.85	−18	+21	−26	+14	+30	−38	+32	+ 9	+22	−22	0	−1.38
38007		07 47 23.59	−53 19 56.9	7.60		H	116.848 289 59	−53.332 470 76		1.94	−5.63	9.86	0.53	0.49	0.55	0.61	0.60	+ 4	− 5	+ 4	−12	−15	− 3	−15	− 3	+ 9	− 2	0	−1.44
38008		07 47 23.72	+68 33 50.7	8.71		H	116.848 825 42	+68.564 089 31		2.89	18.94	11.92	0.58	0.77	1.15	0.57	0.79	+19	+22	+11	−14	− 8	+ 4	− 5	+ 7	+16	+19	0	−1.51
38009		07 47 23.85	+17 13 22.9	8.86	1	H	116.849 370 43	+17.223 038 30		−1.03	−3.69	−4.10	1.27	0.75	1.44	1.42	0.89	−27	+25	+10	−14	−19	−25	−11	− 4	+24	−60	0	−0.43
38010		07 47 25.00	−38 30 40.2	5.07		H	116.854 165 76	−38.511 155 99		2.63	−9.94	4.69	0.42	0.45	0.53	0.50	0.58	+ 1	+ 6	−14	+ 6	+ 9	+ 2	+11	+ 5	+ 2	−16	0	−2.63
38011		07 47 25.35	−37 19 01.3	9.26		H	116.855 642 99	−37.317 034 20		1.54	−10.27	9.92	0.73	0.91	1.02	0.75	1.13	+ 4	− 1	−10	−14	−16	+ 3	−17	− 5	−12	− 1	1	0.11
38012		07 47 25.47	+30 05 50.9	8.34		H	116.856 129 54	+30.097 475 10		2.30	27.09	−12.65	1.05	0.62	1.09	1.30	0.74	−16	+12	−11	−34	−10	+ 8	− 9	−33	− 3	− 1	0	−0.37
38013		07 47 26.39	+34 09 35.9	8.02	1	H	116.859 970 04	+34.159 976 81		2.09	0.49	−11.33	0.91	0.48	0.96	1.06	0.64	−16	+20	−11	− 9	−14	− 6	−14	−19	+ 4	+ 0	0	0.16
38014		07 47 28.56	−08 58 48.9	9.17		H	116.868 988 49	−08.980 258 24		−0.96	2.61	−2.59	0.67	0.55	1.17	0.90	0.84	−16	+14	−24	+ 0	+20	−46	+16	+10	+ 5	−19	0	1.67
38015	H	07 47 28.85	−29 41 35.8	8.24		G	116.870 202 38	−29.693 283 88	*	−0.57	−2.05	7.65	0.59	0.71	0.95	0.70	0.77	+ 3	− 5	− 2	− 1	− 5	+ 8	− 6	−21	+ 1	− 6	1	−0.57
38016		07 47 30.34	+33 24 56.8	5.14	1	H	116.876 402 90	+33.415 766 65		5.80	−18.81	−28.63	0.75	0.38	0.81	0.85	0.52	−20	+44	− 3	+16	− 6	−20	− 4	− 7	− 5	− 5	0	1.39
38017		07 47 30.54	−81 35 47.5	6.79		G	116.877 263 62	−81.596 535 04		11.77	−32.21	42.56	0.47	0.44	0.50	0.55	0.52	− 8	+24	+10	− 6	+ 5	− 1	+ 1	−11	−12	−21	1	0.81
38018		07 47 30.74	+70 12 25.3	7.06		H	116.878 089 88	+70.207 034 82		35.13	−93.43	−151.78	1.28	1.68	2.37	1.32	1.80	+22	+ 3	−10	−17	−10	+ 8	−10	−25	− 1	+14	2	
38019		07 47 31.23	+23 09 12.3	8.44		H	116.880 135 37	+23.153 430 55		2.13	−11.34	−17.22	1.07	0.60	1.17	1.26	0.71	−20	+41	−20	−15	−19	−18	−18	−10	+ 3	+ 2	0	0.51
38020		07 47 31.51	−46 36 30.6	5.22		H	116.881 291 03	−46.608 509 37		1.95	−3.57	7.95	0.42	0.40	0.47	0.48	0.46	+ 6	+ 6	− 1	+ 7	− 9	− 3	−10	+ 1	− 1	− 6	0	−0.82
38021		07 47 32.57	+09 37 55.9	7.08		H	116.885 725 70	+09.632 188 55		23.80	−42.57	152.51	0.90	0.46	1.03	0.97	0.47	−31	+44	−22	−14	+ 1	−31	+ 5	−27	+22	−33	4	0.78
38022		07 47 33.04	+08 58 20.1	7.08		G	116.887 662 26	+08.972 250 08		16.29	31.18	6.52	0.84	0.49	0.94	0.96	0.51	−25	+29	− 4	− 1	−18	−26	−12	−10	+15	−31	0	0.67
38023		07 47 33.66	−63 29 52.8	9.02		H	116.890 240 81	−63.497 986 87		1.43	−8.27	10.36	0.85	0.79	0.87	1.11	1.01	− 9	+ 6	+ 7	− 3	− 7	− 5	− 7	− 6	+15	−40	0	−0.39
38024	H	07 47 33.82	+04 54 50.9	9.12	2	H	116.890 918 80	+04.914 134 35	A	5.15	15.39	−12.37	4.28	3.03	2.74	2.74	2.44	−25	+24	−24	−26	−26	− 6	−29	+ 9	−14	+ 5	0	0.38
38025		07 47 34.25	+06 18 54.3	8.39		H	116.892 689 10	+06.315 089 84		0.46	10.72	2.33	1.01	0.82	1.22	1.24	0.98	− 8	+18	−47	−39	− 1	−29	−20	−12	+ 1	+ 1	0	0.34
38026		07 47 34.45	+15 42 20.3	8.55		G	116.893 523 43	+15.705 646 23		1.26	−3.81	−6.33	1.01	0.59	1.14	1.07	0.64	−40	+44	−32	−16	− 8	−23	− 4	−17	+24	−51	0	−0.36
38027		07 47 35.07	+19 02 41.8	8.70		H	116.896 125 02	+19.044 940 24		5.14	3.05	−3.32	1.01	0.64	1.13	1.10	0.77	−44	+48	−35	−11	+15	−20	+10	−18	+ 0	−21	2	−0.48
38028		07 47 35.21	−47 00 46.7	6.98		H	116.896 725 86	−47.012 976 78		2.31	−4.14	9.85	0.51	0.50	0.58	0.58	0.59	+13	− 9	+ 0	− 8	−21	+ 5	−22	− 3	+11	+ 0	3	−1.45
38029		07 47 35.40	−30 32 55.1	7.87		H	116.897 497 75	−30.548 636 88		1.43	−4.49	3.76	0.51	0.66	0.84	0.62	0.71	+ 4	+14	− 1	+ 5	− 7	+ 2	− 6	−15	− 1	+ 8	0	0.56
38030		07 47 36.13	−38 00 38.8	8.29		G	116.900 522 29	−38.010 767 77		2.22	−12.08	11.24	0.61	0.70	0.84	0.70	0.86	− 4	+19	−11	−20	+ 9	−19	+ 8	− 4	− 8	−16	1	0.12
*38031		07 47 38.53	−15 59 26.5	6.31	2	T	116.910 531 63	−15.990 697 38		1.43	−1.61	3.64	0.59	0.44	0.80	0.60	0.37	− 5	+24	− 3	−31	+19	−14	+19	−50	+12	+ 6	0	−0.16
*38032		07 47 38.45	−43 26 25.5	9.59		H	116.910 189 66	−43.440 421 91		0.75	−6.46	15.68	0.74	0.86	0.93	0.82	1.00	− 6	+ 9	− 3	− 2	−12	− 1	−12	+ 5	− 3	−16	0	0.61
38033		07 47 39.60	+73 59 30.6	8.11		H	116.914 991 52	+73.991 834 41		14.73	−7.29	−14.26	0.56	0.54	0.84	0.59	0.66	+ 2	+22	−17	+ 4	+ 1	+ 6	+ 5	− 6	+ 7	+21	0	1.56
38034	H	07 47 43.14	−63 43 08.8	8.83		H	116.929 753 57	−63.719 115 47	A	3.77	−38.36	35.39	1.21	1.12	1.13	1.41	1.35	−18	+10	+ 3	+ 3	− 7	− 4	− 2	+ 8	+24	−38	3	0.14
38035		07 47 43.28	−32 40 17.4	7.41		H	116.930 351 51	−32.671 488 96		5.25	−20.23	18.96	0.42	0.52	0.68	0.47	0.57	− 1	− 9	−11	+16	+ 0	+13	− 1	− 9	+15	− 3	5	1.63
38036		07 47 44.56	−10 19 02.8	8.66		H	116.935 651 76	−10.317 456 52		5.10	−10.29	1.06	0.83	0.77	1.29	1.06	1.05	−18	+15	−39	+ 3	+ 7	−23	− 2	+21	− 1	−13	0	0.93
38037		07 47 45.21	−16 00 52.1	6.38	1	H	116.938 385 74	−16.014 481 25		1.36	−7.78	−0.76	0.55	0.43	0.79	0.58	0.36	− 8	+21	− 4	−29	+19	−23	+19	−50	+ 7	+ 4	0	0.68
38038		07 47 46.02	−19 59 05.0	7.99		H	116.941 757 97	−19.984 731 38		0.56	−5.05	4.74	0.56	0.54	0.93	0.61	0.52	− 2	+16	− 9	−15	+ 3	−11	+ 8	−33	+18	+16	1	−0.63
38039	H	07 47 47.88	−03 31 46.7	7.91		H	116.949 480 62	−03.529 647 01	*	5.48	−2.28	−0.75	0.98	0.73	1.07	1.30	1.02	+10	+ 6	−27	−25	−20	+ 1	−24	− 4	+ 4	+24	0	0.04
38040		07 47 47.94	+08 07 33.2	9.16		H	116.949 746 25	+08.125 883 57		1.07	−4.53	0.96	1.49	0.93	1.47	1.49	1.18	+ 4	+22	−25	−52	−20	−27	−35	−10	−15	+ 9	0	0.26
38041		07 47 49.57	−54 15 48.5	8.10		G	116.956 547 57	−54.263 467 35		30.66	147.22	−278.72	0.63	0.64	0.69	0.84	0.83	+ 9	+ 0	− 6	+ 6	−15	+ 6	−14	−10	+ 7	+14	0	−0.92
38042		07 47 49.98	+21 29 28.0	8.90		H	116.958 261 90	+21.491 109 05		1.88	−15.15	−1.94	1.28	0.86	1.40	1.35	1.08	−51	+42	−31	− 5	− 3	−19	− 9	− 3	+ 6	−56	0	−0.96
38043		07 47 50.06	+07 20 28.9	7.52		G	116.958 598 11	+07.341 353 60		2.67	−1.40	−2.46	0.90	0.65	1.10	1.08	0.81	+ 8	+17	−36	− 7	+12	−36	− 6	+16	−30	+21	0	1.17
38044		07 47 54.92	+48 25 26.2	8.80		H	116.978 836 29	+48.423 948 72		4.99	−6.01	−20.03	1.41	0.94	1.53	1.64	1.19	+ 1	+51	−12	+11	+ 4	−16	+ 2	− 4	+ 5	− 3	0	2.89
38045		07 47 55.64	+62 10 11.4	10.68		H	116.981 828 98	+62.169 820 62		3.78	−9.97	−12.93	1.47	1.06	1.86	1.36	1.21	− 5	+26	+ 0	−18	+15	+ 6	+23	−31	+10	+23	0	1.09
38046		07 47 55.90	+21 02 05.6	7.82		H	116.982 932 86	+21.034 887 63		2.55	−11.91	−9.64	0.96	0.60	1.02	1.01	0.77	−39	+47	−21	−21	+11	− 8	+ 6	−32	+ 6	−60	0	−0.51
38047		07 47 56.46	+70 20 06.1	9.62		H	116.985 264 80	+70.335 018 79		7.31	−14.05	10.80	0.82	1.06	1.55	0.92	1.21	+34	+ 1	−26	− 1	−19	+15	−20	−17	− 3	+19	1	1.81
*38048	H	07 47 56.78	−12 11 34.4	5.48		G	116.986 592 14	−12.192 892 76	A	33.06	−104.67	77.39	0.80	0.57	0.84	0.78	0.47	−17	+ 1	−12	−15	+19	−19	+19	−23	−12	+ 3	3	0.96
*38049		07 47 56.66	−51 39 21.7	8.84		G	116.986 074 48	−51.656 041 61		1.02	−2.62	6.15	0.67	0.67	0.77	0.76	0.75	+ 6	+29	+16	+ 8	− 5	− 9	− 6	− 4	− 4	−11	0	0.35
38050		07 47 56.89	+32 19 14.3	9.31		H	116.987 041 54	+32.320 625 13		3.41	−12.26	−12.34	1.57	0.69	1.62	1.54	0.90	−26	+58	−25	−26	− 9	−19	−14	−20	− 1	+ 2	0	0.35
38051		07 47 56.91	−49 45 31.1	8.03		G	116.987 137 70	−49.758 630 92		9.57	−46.30	61.17	0.60	0.58	0.68	0.69	0.65	− 1	+18	+15	+13	− 1	+13	− 7	− 8	−12	−16	1	0.27
38052	H	07 47 57.25	+60 17 46.5	7.01		H	116.988 521 94	+60.296 238 46	*	26.60	−42.33	−75.45	0.59	0.48	0.83	0.74	0.68	−15	+14	+12	+24	+ 7	+10	− 3	−18	−11	−38	0	0.98
38053		07 47 57.48	+35 32 16.9	10.51		H	116.989 506 13	+35.538 020 95		2.21	−7.18	−17.19	1.89	0.98	2.10	2.43	1.46	−25	+37	+ 7	+ 3	+ 9	+26	− 3	−39	−30	−30	0	1.36
38054		07 47 58.08	+00 28 10.7	8.78		H	116.991 990 22	+00.469 630 44		5.20	2.51	−2.36	1.33	0.95	1.59	1.58	1.08	−29	+47	−49	−16	+21	−34	− 2	+ 6	−14	+11	0	0.88
38055	H	07 47 58.47	+28 40 02.8	7.50		H	116.993 621 17	+28.667 431 67	A	3.91	−8.67	−0.78	1.24	0.76	1.28	1.39	0.81	−51	+35	−32	−10	− 3	−13	− 4	−19	− 2	−20	0	−0.17
38056	H	07 47 58.89	−19 24 12.9	7.61		H	116.995 374 25	−19.403 581 45	A	4.38	−18.03	−2.79	1.03	0.96	1.35	1.02	0.91	−19	+20	− 2	−21	+10	−17	+ 7	−25	− 7	−26	0	−0.29
38057		07 47 59.79	+11 06 33.9	8.86		H	116.999 114 44	+11.109 410 76		2.55	−7.38	1.08	1.28	0.59	1.26	1.38	0.64	−22	+39	−13	−34	− 5	−17	− 3	−31	+ 6	−33	0	0.44
38058	H	07 48 00.63	−44 32 41.4	8.52		H	117.002 627 87	−44.544 828 94	A	2.68	−10.43	5.65	1.19	1.19	1.29	1.32	1.28	− 4	+ 6	+ 3	− 5	+ 4	+ 8	+ 6	+ 6	+20	− 8	2	0.13
38059		07 48 02.44	−44 16 12.5	8.71		H	117.010 154 83	−44.270 149 17		2.55	−20.54	13.04	0.64	0.67	0.78	0.68	0.78	+ 3	+17	+ 4	+ 5	− 9	+ 8	−10	+ 8	+ 0	− 9	0	−1.74
*38060		07 48 02.52	−59 54 18.8	8.67		H	117.010 490 76	−59.905 211 44		6.31	−18.92	17.74	0.74	0.73	0.78	0.79	0.90	− 6	+ 2	+11	+ 7	−15	+ 9	−19	−11	− 7	−14	0	−2.14
*38061		07 48 02.48	+83 04 08.4	7.87		G	117.010 342 02	+83.068 987 73		0.70	7.59	8.47	0.56	0.62	0.71	0.67	0.67	− 4	+17	−11	+ 6	+15	+ 7	+16	−12	+ 1	+ 8	0	0.35
38062		07 48 03.42	+05 24 35.5	6.61		H	117.014 248 11	+05.409 874 84		3.55	−1.24	−26.07	0.89	0.62	1.02	1.07	0.78	+ 5	+34	−27	−40	−11	−42	−33	− 2	−25	+25	0	1.09
38063		07 48 03.85	−25 34 40.0	10.06	3	H	117.016 053 31	−25.577 791 35	*	−4.05	−1.94	7.00	0.90	1.28	1.74	0.96	1.80	−12	− 7	−12	+27	+16	−20	+17	−41	−13	−16	2	−1.22
38064		07 48 03.99	−31 37 04.3	11.19		G	117.016 634 24	−31.617 861 68		1.63	−1.68	3.86	1.20	1.58	2.06	1.33	1.58	+ 2	+ 4	+ 8	+21	− 7	+20	−11	−19	+ 2	− 5	0	2.00
38065		07 48 04.10	−29 22 45.8	8.94		G	117.017 075 15	−29.379 397 00		2.20	−6.34	2.18	0.59	0.85	1.16	0.71	0.87	+ 4	+ 4	+14	+ 9	+ 3	+12	− 2	−18	− 9	− 8	0	0.88
38066		07 48 04.26	−44 00 07.5	7.68	1	H	117.017 750 94	−44.002 089 29		1.21	−2.85	16.05	0.58	0.58	0.70	0.60	0.65	+ 3	+16	+ 0	+ 9	−10	+19	−13	+ 1	− 4	−11	0	0.16
38067		07 48 04.82	−22 20 53.9	8.48		H	117.020 097 79	−22.348 318 95		3.48	−3.04	−3.40	0.68	0.63	0.96	0.74	0.61	− 7	+13	−14	−30	+10	−13	+10	−41	+16	+ 2	0	−1.09
38068	H	07 48 04.93	−54 25 06.0	8.80		H	117.020 527 28	−54.418 321 29	*	9.96	−6.45	44.86	1.51	1.21	1.03	1.42	1.13	−13	− 7	− 9	−11	− 2	+14	− 2	− 9	+17	− 8	3	−0.53
38069		07 48 04.99	−05 53 57.3	8.38		H	117.020 771 56	−05.899 241 25		3.65	6.74	−44.46	1.24	0.92	1.58	1.33	1.03	−26	+59	−54	−30	− 2	−18	−30	+ 5	−29	+35	0	−1.15
38070		07 48 05.17	−25 56 13.8	4.40	1	H	117.021 562 06	−25.937 180 54		1.32	−10.22	4.92	0.37	0.48	0.67	0.40	0.47	+ 1	+14	− 4	+22	+ 7	+ 6	+ 5	−32	+ 7	− 3	1	−0.77
38071		07 48 05.30	−39 33 46.1	8.84		H	117.022 071 18	−39.562 805 55		1.61	−5.15	25.25	0.70	0.79	0.91	0.79	0.90	+11	+ 7	− 2	+ 1	−17	+ 3	−20	−23	− 4	− 3	0	−1.00
38072		07 48 06.02	−27 31 11.0	9.20		H	117.025 096 83	−27.519 713 42		12.36	−69.86	32.89	0.51	0.81	1.11	0.59	0.85	+21	− 5	− 6	+10	− 5	− 1	− 6	−15	+ 0	+16	0	−0.01
38073	H	07 48 07.87	+40 49 04.1	9.65		H	117.032 773 21	+40.817 801 54	A	1.82	−31.79	−10.18	4.99	3.00	4.22	5.63	2.86	−22	+33	− 1	+ 2	+ 6	+ 7	− 4	−24	−25	− 5	0	0.30
38074		07 48 08.55	−40 39 08.3	6.14	1	H	117.035 625 23	−40.652 313 42		5.43	−3.35	−26.58	0.42	0.47	0.55	0.42	0.54	+ 9	+ 3	−19	− 6	−12	+14	−10	− 3	− 1	− 3	0	−1.17
38075		07 48 09.14	−47 16 32.4	8.51		H	117.038 090 70	−47.275 678 65		1.83	−5.84	11.25	0.65	0.66	0.74	0.74	0.70	+ 9	− 2	+ 0	+ 1	−19	+ 5	−18	− 6	+ 8	+ 1	0	−1.67
38076		07 48 09.89	−42 30 27.8	7.80		H	117.041 210 38	−42.507 726 55		3.56	−5.69	4.50	0.48	0.58	0.63	0.53	0.66	− 6	− 2	+ 2	− 9	+ 3	+10	+ 4	+ 2	−12	−20	0	−1.47
38077		07 48 11.59	+09 43 01.9	8.75		H	117.048 275 54	+09.717 202 68		0.64	7.15	−10.08	1.11	0.73	1.22	1.23	0.74	−31	+34	−23	−28	+12	−25	+ 7	−34	+ 4	−39	0	0.07
38078		07 48 12.17	−88 27 20.0	9.21		H	117.050 689 57	−88.455 559 71		7.13	−52.87	29.31	0.78	0.81	0.91	1.00	0.99	− 1	+13	+ 2	− 6	− 4	+ 2	− 2	−13	+17	−10	0	0.26
38079		07 48 12.49	−24 34 38.0	6.85		H	117.052 033 49	−24.577 214 26		5.95	−30.45	6.36	0.54	0.50	0.80	0.75	0.49	− 2	+21	− 1	−10	+ 9	− 8	+ 8	−31	+13	−11	0	0.47
38080		07 48 14.31	+32 41 18.9	10.64		H	117.059 627 61	+32.688 569 66		0.45	−5.67	−7.23	1.97	0.95	2.08	2.14	1.28	−19	+48	− 9	−12	− 8	−19	−11	−16	− 6	+ 0	2	−0.35
38081		07 48 15.06	−54 42 51.4	6.62		H	117.062 747 53	−54.714 269 92		5.32	9.22	−6.03	0.52	0.48	0.55	0.67	0.59	+ 8	+ 4	+ 0	+ 3	−11	+18	−11	− 3	+ 4	+10	0	1.44
38082		07 48 15.48	+20 22 13.9	11.46		G	117.064 513 37	+20.370 536 97		70.74	1451.22	−989.83	2.57	1.63	2.66	3.06	2.34	−25	+24	− 5	−22	−14	−13	−12	− 9	+15	−52	0	−0.35
38083		07 48 15.93	−06 46 25.7	7.17		H	117.066 356 64	−06.773 817 94		14.33	−10.38	18.65	0.80	0.72	1.15	0.98	0.78	−14	+34	−55	+23	+16	−22	− 3	+39	−26	+32	0	1.34
38084		07 48 16.64	+49 22 13.0	7.71		H	117.069 327 13	+49.370 289 90		16.60	−72.25	10.18	0.95	0.60	1.08	1.38	1.04	+30	+28	+11	+21	+ 6	+11	+ 9	+15	+20	+18	0	0.67
38085	H	07 48 18.92	−28 21 30.6	7.76		G	117.078 850 44	−28.358 511 00	A	−1.34	−2.75	−0.81	1.05	1.40	1.73	1.10	1.40	+11	− 5	−25	+23	+ 2	+16	− 2	−22	− 3	− 7	8	2.74
38086		07 48 19.40	+57 09 58.1	9.87		H	117.080 842 02	+57.166 148 45		3.28	1.04	−7.16	0.99	0.84	1.52	1.47	1.38	+ 6	+16	+ 8	−14	− 2	−17	− 3	−19	− 5	− 7	0	−0.01
38087	H	07 48 19.51	−56 28 15.9	6.30		H	117.081 272 38	−56.471 092 87	A	1.44	−4.63	7.26	0.85	0.85	0.84	0.93	0.91	+ 7	+15	+ 1	+31	+ 5	− 2	− 1	− 3	− 1	−11	3	3.34
38088		07 48 19.95	+43 01 05.5	9.00		H	117.083 139 91	+43.018 201 02		4.18	−14.59	−30.87	1.42	0.92	1.35	1.84	0.99	+15	+27	−18	+27	+14	−10	+ 9	+ 2	− 6	+21	0	1.27
38089		07 48 20.25	−47 04 39.1	4.69		H	117.084 365 27	−47.077 531 99		14.36	−101.31	−78.38	0.43	0.42	0.48	0.49	0.46	+12	+ 0	+ 4	− 1	−12	+ 5	−12	− 1	+ 0	− 6	0	−1.43
38090		07 48 20.49	+49 45 24.8	7.35		H	117.085 354 57	+49.756 894 68		4.83	−17.19	−17.23	0.92	0.57	0.96	1.25	0.93	+31	+22	+ 8	+44	+19	+ 2	+17	+30	+ 3	+17	0	−0.15
38091		07 48 20.83	−46 24 02.1	8.74		H	117.086 771 28	−46.400 596 77		1.89	−10.78	11.72	0.72	0.78	0.88	0.86	0.87	+ 2	+ 2	+ 8	+14	− 7	+ 2	− 8	− 2	−20	− 9	3	0.35
38092	H	07 48 22.60	+18 20 12.6	6.70		H	117.094 158 74	+18.336 835 42	A	5.31	17.34	−20.38	1.45	0.86	1.46	1.20	0.79	−55	+46	−38	− 6	+ 3	− 4	+ 3	−18	+ 6	−45	1	1.38
38093		07 48 22.88	+06 47 06.3	8.18		H	117.095 318 62	+06.785 071 30		6.23	−6.11	−0.03	0.95	0.75	1.19	1.10	0.88	+ 0	+14	−41	− 7	+ 4	−36	−15	+21	−24	+ 8	0	1.38
38094		07 48 22.92	+13 25 06.3	8.27		H	117.095 482 60	+13.418 428 23		4.13	−4.60	−2.89	1.04	0.55	1.08	1.16	0.58	−18	+32	− 7	−23	−20	−21	−12	−19	+18	−46	0	−0.11
38095		07 48 22.93	−23 40 00.3	11.78		G	117.095 538 69	−23.666 759 27		1.32	0.80	3.06	4.76	4.27	6.92	6.16	4.25	− 4	+ 6	+11	−17	+11	+ 0	+ 8	−36	+12	−16	0	
38096		07 48 23.06	−68 21 15.7	8.92		H	117.096 081 90	−68.354 349 87		1.98	−4.81	−1.01	0.77	0.71	0.79	0.89	0.86	− 4	+ 8	− 8	+ 7	− 4	− 8	− 5	+ 3	+12	−14	1	0.81
38097		07 48 23.53	+76 59 10.1	7.78		H	117.098 048 59	+76.986 126 00		3.29	−1.12	−18.16	0.50	0.54	0.75	0.55	0.68	− 1	+10	−10	− 2	+ 0	− 2	+ 5	−26	− 2	+19	0	−0.88
38098		07 48 27.45	+36 38 36.6	7.91		H	117.114 356 81	+36.643 496 48		8.99	−15.60	−23.83	1.13	0.63	1.31	1.53	0.90	−31	− 6	+30	−20	+24	+40	+20	−51	−34	−27	0	0.13
38099		07 48 27.74	+02 02 34.7	8.20		H	117.115 583 37	+02.042 961 87		3.13	−4.14	−0.49	1.09	0.78	1.16	1.19	0.94	− 1	+24	−30	−24	− 4	−15	−10	−13	− 4	− 2	0	0.36
38100		07 48 28.24	−36 46 00.7	9.09		H	117.117 658 19	−36.766 856 97		2.78	−8.39	17.73	0.64	0.81	0.92	0.67	0.99	− 4	− 8	−16	+ 7	−20	+17	−21	+ 0	+16	− 2	0	−0.65

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No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
38001	9.866	0.035	9.113	0.029		0.688	0.036	T	0.75	0.03	L	9.2076	0.0034	0.017	40		9.18	9.24		C			1							
38002	9.867	0.026	9.638	0.030		0.218	0.037	T	0.24	0.04	L	9.6409	0.0022	0.019	90		9.61	9.67		C			1							
38003	9.135	0.022	7.847	0.014		1.096	0.020	T	1.06	0.02	L	7.8900	0.0244	0.090	48		7.75	7.98		U 2			1							S P
38004	8.645	0.011	7.431	0.007		1.038	0.010	T	1.01	0.01	L	7.4905	0.0011	0.011	126		7.47	7.51		C			1							S
38005	9.512	0.018	8.342	0.012		1.004	0.017	T	0.98	0.01	L	8.4089	0.0013	0.012	94		8.39	8.43		C			1							S
38006	9.240	0.014	9.208	0.018		0.034	0.021	T	0.05	0.02	L	9.2244	0.0017	0.018	146		9.19	9.25		C			1							
38007	7.593	0.008	7.604	0.010		−0.005	0.012	T	0.02	0.01	L	7.6090	0.0012	0.011	115		7.59	7.63		C	07474−5320	I 1	1							S
38008	10.150	0.019	8.839	0.011		1.114	0.017	T	1.08	0.02	L	8.8769	0.0014	0.021	193		8.83	8.92					1							
38009	11.061	0.059	9.067	0.019		1.689	0.051	T	2.15	0.11	O	8.9290	0.0030	0.023	93		8.89	8.98		U			1							
38010	4.929	0.002	5.058	0.002		−0.112	0.003	T	−0.10	0.00	L	5.0403	0.0004	0.005	121		5.03	5.05		C	07474−3831	I 1	1							S
38011	10.499	0.035	9.317	0.021		1.013	0.032	T	0.99	0.03	L	9.4203	0.0021	0.024	121		9.38	9.47					1							
38012	9.674	0.019	8.449	0.012		1.047	0.018	T	1.02	0.01	L	8.5043	0.0016	0.013	94		8.48	8.53					1							S
38013	10.072	0.023	8.164	0.009		1.584	0.020	T	1.60	0.02	L	8.1348	0.0019	0.018	129		8.11	8.16		U			1							
38014	10.514	0.033	9.240	0.017		1.318	0.015	G	1.28	0.02	I	9.2926	0.0017	0.014	142		9.26	9.32					1							G
38015	9.117	0.011	8.336	0.009	*	0.705	0.015	G	0.76	0.01	H *	8.3796	0.0014	0.016	170	*	8.35	8.41			07475−2942	H 1	2 C S A	AB	106	0.135	0.012	0.76	0.50	
38016	7.253	0.006	5.324	0.003		1.635	0.006	T	1.83	0.02	O	5.2343	0.0013	0.011	131		5.22	5.26		U 2	07475+3325	I 1	1							S
38017	6.960	0.004	6.796	0.005		0.160	0.015	G	0.13	0.02	A	6.8322	0.0009	0.008	120		6.82	6.85					1							S
38018	7.937	0.006	7.153	0.005		0.712	0.006	T	0.77	0.01	L	7.2025	0.0007	0.011	215		7.19	7.23					1 X							S
38019	9.705	0.022	8.557	0.015		0.986	0.021	T	0.97	0.02	L	8.6052	0.0018	0.012	88		8.59	8.63		C			1							
38020	5.022	0.002	5.197	0.003		−0.151	0.003	T	−0.15	0.00	L	5.1672	0.0005	0.005	107		5.16	5.17		C			1							S
38021	7.745	0.007	7.155	0.005		0.576	0.001	G	0.65	0.00	H	7.2075	0.0008	0.007	99		7.19	7.22		C			1							S
38022	7.563	0.008	7.123	0.009		0.428	0.015	G	0.50	0.02	H	7.1813	0.0010	0.008	90		7.17	7.21		C			1							S
38023	9.014	0.013	9.025	0.016		−0.008	0.018	T	0.01	0.02	L	9.0280	0.0018	0.017	94		9.00	9.06		C			1							
38024	9.579	0.031	9.229	0.033	*	0.385	0.015	G	0.45	0.02	H *	9.2141	0.0048	0.047	45	*	9.17	9.32		U 2	07476+0455	H 1	2 C A	AB	302	0.393	0.033	2.10	0.16	
38025	10.231	0.038	8.562	0.017		1.395	0.033	T	1.37	0.04	L	8.5332	0.0024	0.012	55		8.51	8.55		C			1							
38026	8.452	0.010	8.524	0.013		−0.069	0.001	G	−0.05	0.00	H	8.5398	0.0012	0.010	94		8.52	8.56		C			1							
38027	8.906	0.014	8.738	0.016		0.161	0.020	T	0.18	0.02	L	8.7553	0.0014	0.015	93		8.73	8.78		C			1							
38028	6.833	0.004	6.963	0.006		−0.108	0.003	G	−0.09	0.00	H	6.9495	0.0007	0.009	114		6.94	6.97					1							S
38029	8.166	0.008	7.897	0.009		0.256	0.011	T	0.29	0.01	L	7.9410	0.0013	0.017	169		7.91	7.97					1							S
38030	8.395	0.013	8.340	0.016		0.075	0.006	G	0.09	0.01	H	8.3297	0.0016	0.019	113		8.30	8.36					1							
38031	8.695	0.009	6.527	0.003		1.791	0.008	T	1.82	0.01	L	6.4920	0.0037	0.055	170		6.39	6.57		U 2 C	07477−1600	I 2	1							S
38032	11.485	0.080	9.722	0.026		1.469	0.067	T	1.48	0.10	L	9.7191	0.0024	0.023	125		9.68	9.75					1							G
38033	8.720	0.009	8.162	0.008		0.522	0.011	T	0.59	0.01	L	8.2242	0.0013	0.016	145		8.20	8.26		C			1							S
38034	9.514	0.017	8.942	0.016	*	0.538	0.017	T	0.61	0.02	L *	8.9441	0.0018	0.017	111	*	8.91	8.97		D	07477−6343	I 1	2 C A	AB	87	0.871	0.011	2.31	0.04	
38035	7.705	0.007	7.445	0.006		0.248	0.009	T	0.28	0.01	L	7.4828	0.0012	0.012	155		7.46	7.50					1							S
38036	8.958	0.014	8.730	0.015		0.218	0.019	T	0.24	0.02	L	8.7286	0.0032	0.022	97		8.69	8.77					1							
38037	8.648	0.008	6.598	0.004		1.697	0.007	T	1.72	0.01	L	6.4826	0.0012	0.015	182		6.47	6.51		U 2	07477−1600	I 2	1							S
38038	7.850	0.008	7.954	0.010		−0.100	0.015	G	−0.08	0.02	H	7.9587	0.0014	0.015	136		7.94	7.99					1							
38039	8.090	0.013	7.934	0.018	*	0.150	0.021	T	0.17	0.02	L *	7.9593	0.0015	0.007	57	*	7.94	7.97			07478−0332	I 1	2 C S B	AS	165	0.119	0.044	0.91	1.03	S
38040	10.954	0.066	9.303	0.028		1.381	0.057	T	1.35	0.07	L	9.3118	0.0033	0.019	53		9.28	9.35					1							
38041	9.024	0.013	8.188	0.011		0.745	0.012	G	0.79	0.01	H	8.2473	0.0013	0.015	109		8.23	8.28					1							
38042	10.270	0.039	9.034	0.023		1.055	0.035	T	1.02	0.03	L	9.0640	0.0017	0.015	83		9.04	9.09		C			1							
38043	7.419	0.010	7.503	0.013		−0.081	0.002	G	−0.06	0.00	H	7.4939	0.0022	0.013	46		7.48	7.52					1							S
38044	10.235	0.053	8.923	0.032		1.114	0.048	T	1.08	0.05	L	8.9633	0.0037	0.019	39		8.94	8.99					1							
38045	11.983	0.139	10.733	0.069		1.066	0.121	T	1.03	0.10	L	10.8472	0.0037	0.037	121		10.80	10.90		C			1							G
38046	9.653	0.022	7.953	0.011		1.419	0.019	T	1.40	0.03	L	7.9588	0.0009	0.008	81		7.94	7.97					1							
38047	10.189	0.021	9.697	0.020		0.463	0.026	T	0.53	0.03	L	9.7271	0.0027	0.032	181		9.68	9.78					1							
38048	6.171	0.006	5.672	0.006	A	0.478	0.004	G	0.55	0.00	H *	5.5798	0.0009	0.010	137	*	5.57	5.61		D	07479−1212	I 1	2 C A	AB	355	1.615	0.004	1.70	0.01	S
38049	8.850	0.011	8.794	0.013		0.038	0.015	G	0.05	0.01	H	8.8403	0.0016	0.017	123		8.82	8.87		C			1							
38050	9.757	0.025	9.369	0.027		0.367	0.034	T	0.43	0.04	L	9.3993	0.0018	0.015	97		9.37	9.43		C			1							
38051	8.595	0.011	8.088	0.010		0.490	0.015	G	0.56	0.02	H	8.1319	0.0011	0.011	100		8.11	8.15					1							S
38052	7.721	0.006	7.089	0.006	*	0.587	0.007	T	0.66	0.01	L *	7.1405	0.0009	0.008	118	*	7.13	7.15		D	07480+6018	I 1	2 C S A	AS	250	0.134	0.009	0.77	0.51	S
38053	11.280	0.097	10.526	0.079		0.689	0.099	T	0.75	0.08	L	10.6525	0.0037	0.034	92		10.60	10.70		C			1							G
38054	9.945	0.035	8.891	0.023		0.915	0.032	T	0.91	0.02	L	8.9363	0.0025	0.014	51		8.91	8.97		C			1							
38055	8.717	0.013	7.637	0.009	*	0.934	0.012	T	0.93	0.01	L *	7.6638	0.0011	0.009	84	*	7.65	7.69		D	07480+2840	I 1	2 C A	AB	118	0.992	0.008	1.88	0.02	S
38056	7.819	0.009	7.655	0.011	*	0.157	0.013	T	0.17	0.01	L *	7.6687	0.0009	0.010	145	*	7.65	7.68		D	07480−1924	I 1	2 C A	AB	304	0.617	0.003	1.09	0.01	S
38057	8.902	0.012	8.879	0.015		0.026	0.018	T	0.04	0.01	L	8.8787	0.0016	0.015	114		8.85	8.91		C			1							S
38058	8.543	0.013	8.376	0.017	*	0.152	0.020	T	0.17	0.02	L *	8.5780	0.0025	0.015	110	*	8.55	8.60		D	07480−4433	I 1	2 C A	AB	85	3.035	0.006	1.61	0.03	
38059	8.772	0.012	8.719	0.014		0.048	0.016	T	0.06	0.01	L	8.7324	0.0011	0.015	116		8.71	8.76		C			1							
38060	9.269	0.017	8.714	0.016		0.525	0.017	T	0.60	0.02	L	8.7841	0.0019	0.014	95		8.76	8.81		C			1							
38061	9.647	0.017	8.026	0.009		1.380	0.015	G	1.35	0.02	H	8.0152	0.0013	0.013	130		7.99	8.05					1							
38062	8.718	0.018	6.779	0.008		1.580	0.015	G	1.55	0.01	J	6.7324	0.0011	0.008	49		6.72	6.75			07481+0525	I 1	1							S
38063	11.042	0.068	10.079	0.041		0.847	0.059	T	0.86	0.04	L	10.2091	0.0221	0.290	177		9.64	10.58	13.60	P 1 A			1 V							G
38064	11.537	0.085	11.150	0.101		0.540	0.015	G	0.61	0.02	H	11.3949	0.0041	0.047	157		11.32	11.48					1							G
38065	8.887	0.010	8.944	0.013		−0.060	0.015	G	−0.04	0.01	H	8.9358	0.0018	0.020	160		8.90	8.97		C			1							
38066	9.867	0.022	7.887	0.009		1.678	0.020	T	2.22	0.05	O	7.7347	0.0018	0.019	115		7.70	7.76		U			1 S							
38067	8.597	0.009	8.475	0.011		0.090	0.015	G	0.10	0.02	H	8.5196	0.0015	0.012	135		8.50	8.55					1							
38068	9.484	0.018	8.888	0.016	*	0.556	0.018	T	0.63	0.02	L *	8.9175	0.0017	0.016	97	*	8.89	8.95		D	07481−5425	H 1	2 C A	AB	324	0.272	0.008	1.31	0.10	
38069	9.938	0.033	8.506	0.018		1.208	0.029	T	1.17	0.03	L	8.5399	0.0024	0.012	47		8.52	8.56		C			1							
38070	4.372	0.002	4.479	0.002		−0.070	0.016	G	0.13	0.02	A	4.4428	0.0009	0.011	151		4.43	4.46		U 2	07481−2556	I 1	1							S
38071	10.558	0.035	9.027	0.017		1.286	0.031	T	1.25	0.03	L	8.9957	0.0020	0.018	115		8.96	9.04		C			1							
38072	9.974	0.017	9.280	0.015		0.628	0.017	T	0.70	0.01	L	9.3363	0.0020	0.022	213		9.30	9.38					1							
38073	10.466	0.060	9.909	0.054	*	0.521	0.072	T	0.59	0.08	L *	9.7693	0.0031	0.018	43	*	9.72	9.79		D	07481+4049	M 1	2 C A	AB	0	0.980	0.007	0.53	0.03	
38074	8.205	0.010	6.341	0.004		1.591	0.013	G	2.23	0.05	F	6.2000	0.0019	0.017	130		6.17	6.22		U 2			1							S
38075	8.437	0.014	8.503	0.019		−0.056	0.020	T	−0.03	0.02	L	8.4934	0.0017	0.014	101		8.47	8.52		C			1							
38076	7.744	0.007	7.796	0.009		−0.043	0.010	T	−0.02	0.01	L	7.7891	0.0011	0.011	117		7.77	7.81					1							S
38077	10.749	0.055	8.870	0.020		1.561	0.046	T	1.58	0.05	L	8.8644	0.0024	0.017	88		8.84	8.89		C			1							
38078	9.941	0.020	9.247	0.017		0.628	0.020	T	0.70	0.02	L	9.3433	0.0024	0.021	123		9.31	9.37		C			1							
38079	6.808	0.005	6.843	0.006		−0.029	0.007	T	−0.01	0.01	L	6.8461	0.0013	0.011	126		6.83	6.86					1							S
38080	11.151	0.066	10.670	0.068		0.453	0.086	T	0.52	0.09	L	10.7350	0.0031	0.030	102		10.68	10.79		C			1							G
38081	8.052	0.009	6.744	0.005		1.111	0.008	T	1.07	0.01	L	6.7899	0.0010	0.010	106		6.78	6.81					1							S
38082						1.510	0.010	G	2.15	0.08	I	11.4945	0.0069	0.041	73		11.40	11.57		C			1							G
38083	7.493	0.009	7.193	0.009		0.285	0.012	T	0.32	0.01	L	7.2414	0.0018	0.011	64		7.22	7.26		C			1							S
38084	8.253	0.011	7.764	0.009		0.460	0.013	T	0.53	0.01	L	7.8093	0.0011	0.010	89		7.79	7.83					1							S
38085	9.070	0.010	7.874	0.007	A	0.990	0.030	G	1.00	0.01	L *	7.9159	0.0015	0.018	185	*	7.89	7.95			07483−2821	H 1	2 C C	AB	229	1.802	0.055	3.69	0.17	
38086	11.221	0.058	9.983	0.032		1.057	0.052	T	1.02	0.04	L	10.0382	0.0019	0.028	134		9.98	10.09		C			1							
38087	7.622	0.014	6.481	0.006	*	1.010	0.003	G	0.99	0.00	H *	6.4634	0.0010	0.009	108	*	6.45	6.48		D	07483−5628	I 1	2 C A	AB	215	0.896	0.006	1.77	0.03	S
38088	9.625	0.026	9.028	0.024		0.557	0.031	T	0.63	0.03	L	9.1200	0.0024	0.017	45		9.08	9.15		C			1							
38089	6.058	0.004	4.808	0.003		1.039	0.048	G	1.03	0.02	A	4.8605	0.0005	0.004	112		4.85	4.87		C			1							S
38090	8.734	0.012	7.451	0.008		1.092	0.011	T	1.05	0.01	L	7.5163	0.0015	0.013	112		7.49	7.54		C			1							S
38091			8.716	0.014		0.012	0.064	G	0.00	0.02	L	8.7444	0.0022	0.019	93		8.70	8.77					1							
38092	7.855	0.017	6.784	0.010	*	0.927	0.015	T	0.92	0.01	L *	6.8581	0.0007	0.007	94	*	6.85	6.87		D	07484+1820	I 1	2 C A	AB	274	6.364	0.007	1.67	0.02	S
38093	8.247	0.013	8.177	0.016		0.069	0.019	T	0.08	0.02	L	8.2062	0.0016	0.013	51		8.18	8.23		C			1							
38094	9.488	0.018	8.367	0.012		0.965	0.017	T	0.95	0.01	L	8.4310	0.0011	0.011	113		8.41	8.45		C	07484+1325	I 1	1							
38095	11.934	0.231	11.653	0.268		0.100	0.015	G	0.11	0.02	H	11.8295	0.0071	0.058	100		11.73	11.93					1 X S							G
38096	10.559	0.032	9.087	0.017		1.240	0.028	T	1.20	0.03	L	9.0728	0.0022	0.021	110		9.03	9.11					1							
38097	9.061	0.011	7.881	0.007		1.011	0.010	T	0.99	0.01	L	7.9469	0.0011	0.013	143		7.92	7.97					1							S
38098	8.226	0.012	7.930	0.011		0.284	0.015	G	0.32	0.02	H	7.9802	0.0009	0.010	103		7.96	8.00		C			1							S
38099	8.161	0.013	8.187	0.017		−0.019	0.020	T	0.00	0.02	L	8.2036	0.0018	0.008	46		8.19	8.22					1							S
38100	11.172	0.062	9.241	0.020		1.603	0.052	T	1.62	0.05	L	9.2074	0.0027	0.020	118		9.17	9.24		C			1							

Number HIP		Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag			Position: epoch J1991.25 α (ICRS) deg	δ deg		Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ mas/yr	Standard Errors α* mas	δ mas	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ mas/yr	Astrometric Correlations (%) δ α*	π α*	π δ	$\mu_{\alpha*}$ α*	$\mu_{\alpha*}$ δ	$\mu_{\alpha*}$ π	μ_δ α*	μ_δ δ	μ_δ π	μ_δ $\mu_{\alpha*}$	Soln F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
38101		07 48 28.80	+28 45 51.3	6.86		H	117.120 008 25	+28.764 245 95		5.74	13.28	−0.65	0.81	0.52	0.93	0.98	0.60	−28	+16	−22	−12	+10	−24	+6	−28	−11	−12	0	−1.73
38102		07 48 28.84	+59 05 05.5	7.98		H	117.120 159 18	+59.084 851 66		9.46	18.35	−0.23	0.63	0.55	0.98	0.69	0.73	−22	+27	−14	+52	+4	−4	−5	+4	+9	−45	1	−0.02
38103		07 48 30.56	−12 13 06.8	7.76		H	117.127 346 36	−12.218 566 07		−0.30	−3.51	−1.56	0.70	0.54	0.90	0.88	0.81	−9	−3	−4	−14	+14	−11	+16	−12	−8	−21	0	−0.90
38104		07 48 31.75	+47 45 55.8	8.03		H	117.132 270 84	+47.765 508 49		19.43	52.21	−234.52	1.72	1.02	1.36	5.45	1.42	+18	+43	−18	+31	+12	+6	−5	−29	−13	−37	0	3.58
38105		07 48 32.05	−48 02 07.5	8.12		H	117.133 540 07	−48.035 416 04		2.75	−7.52	27.25	0.65	0.60	0.71	0.70	0.64	+2	+10	+0	−10	−13	+17	−11	−1	+5	−13	1	−0.02
38106	H	07 48 33.65	+23 08 27.5	6.18		H	117.140 191 36	+23.140 984 49	*	3.10	−10.88	−2.04	1.66	0.86	0.99	1.12	0.70	+5	+17	−2	−17	−15	−13	−15	−13	+4	+22	1	0.25
38107		07 48 33.71	−52 41 03.0	7.41		H	117.140 443 72	−52.684 179 83		3.48	−9.26	17.73	0.50	0.52	0.55	0.53	0.58	+12	+5	+2	−13	−15	−2	−14	+2	+6	−3	0	−0.37
38108		07 48 35.58	−22 00 33.3	7.31		H	117.148 252 96	−22.009 253 83		1.75	−6.49	3.00	0.60	0.55	0.88	0.63	0.51	−6	+9	−9	−24	+6	−18	+6	−38	+9	+3	0	−0.23
38109		07 48 36.18	+74 02 36.1	7.17		H	117.150 732 60	+74.043 371 40		2.55	25.96	−67.01	0.47	0.47	0.71	0.51	0.57	+10	+15	−10	+6	+2	+9	+4	−7	−1	+24	0	0.95
38110	H	07 48 36.49	−30 45 21.6	7.20	1	G	117.152 053 31	−30.756 000 51	*	2.27	−9.18	6.34	0.41	0.54	0.69	0.48	0.56	+9	+2	−7	+16	−6	+22	−4	−28	+14	+11	0	−0.47
38111		07 48 36.93	−00 44 39.7	8.43		G	117.153 872 15	−00.744 367 73		6.95	−3.09	−4.31	1.18	0.91	1.37	1.58	1.22	−11	+39	−33	−8	−3	+8	−1	−2	+2	+17	0	−0.56
38112		07 48 36.97	−16 32 38.0	8.84		H	117.154 030 04	−16.543 898 18		1.00	1.29	−0.79	0.66	0.59	0.99	0.74	0.52	−3	+18	−10	−26	+12	−26	+11	−46	+3	+15	1	1.13
38113		07 48 38.50	+21 54 29.1	8.22		H	117.160 426 99	+21.908 070 88		2.80	−7.96	−1.86	0.99	0.69	1.11	1.05	0.83	−39	+29	−31	+4	−17	−17	−23	+14	+6	−46	0	−0.41
38114		07 48 38.61	−63 41 20.0	7.95		H	117.160 882 44	−63.688 899 73	A	2.91	−3.73	11.13	1.46	1.39	1.17	1.62	1.57	−3	+22	+12	−8	−4	−2	+2	+0	+17	−36	12	3.01
*38115		07 48 39.37	+86 20 01.7	8.85		H	117.164 057 61	+86.333 818 57		1.16	−5.92	−17.58	0.71	0.67	0.81	0.85	0.72	+12	+18	−20	+15	+8	+0	+7	+15	−8	+34	0	−1.40
*38116		07 48 39.30	−63 41 30.1	9.27		H	117.163 764 54	−63.691 700 06	B	3.26	−13.79	12.57	6.24	5.86	3.86	5.97	4.98	−6	+18	+15	−3	−3	−2	+1	+0	+15	−34	12	3.01
38117		07 48 39.69	+53 38 59.5	8.86		G	117.165 356 01	+53.649 856 81		38.07	−124.85	−528.53	1.62	1.05	2.27	2.47	1.91	+7	+16	+0	−29	−19	+4	−20	−36	+10	+4	0	
38118		07 48 41.73	−31 37 04.2	6.97	1	H	117.173 870 21	−31.617 837 34		4.20	−16.18	10.96	0.40	0.51	0.67	0.44	0.49	+8	+5	+8	+28	+2	+21	−2	−19	+11	+3	1	2.46
38119		07 48 41.91	+11 08 34.7	8.71		H	117.174 637 16	+11.142 981 55		3.08	−11.43	−7.17	1.35	0.63	1.33	1.61	1.13	−14	+32	−4	−33	−31	−38	−44	−19	+11	+7	4	0.45
38120		07 48 43.02	−30 15 18.5	7.52		G	117.179 230 51	−30.255 132 92		14.65	−214.95	186.00	0.44	0.60	0.76	0.60	0.66	+13	+0	−13	−11	−8	+6	−7	−35	+9	+13	0	0.57
38121		07 48 43.92	−19 10 29.5	7.39		H	117.182 991 07	−19.174 858 79		0.92	−13.81	−6.50	0.56	0.52	0.87	0.64	0.49	+8	+13	−13	−9	+6	−13	+9	−38	+16	+26	2	0.43
38122		07 48 44.38	+30 54 36.1	8.53		H	117.184 926 52	+30.910 015 29		5.26	−8.57	−25.53	1.14	0.63	1.18	1.58	0.80	−25	+10	−16	−28	−13	+5	−11	−24	+7	−5	0	0.06
38123	H	07 48 44.42	+01 56 21.0	8.95		H	117.185 100 73	+01.939 166 27	A	5.64	−9.16	−4.58	1.96	1.46	1.92	2.27	1.71	−7	+12	−39	−26	+2	+4	+11	−15	+3	+2	0	0.37
38124		07 48 45.53	+05 23 35.4	8.87	2	H	117.189 696 51	+05.393 174 88		0.28	0.05	−5.48	1.29	0.98	1.50	1.81	1.29	−1	+23	−33	−19	−6	−29	−21	+6	−8	+25	0	−1.64
38125		07 48 45.82	−26 37 07.3	9.05		H	117.190 925 66	−26.618 696 07		0.69	−7.03	8.83	0.54	0.85	1.27	0.60	0.94	+16	+9	+19	+24	+8	+10	+4	−6	−8	+8	0	1.83
38126		07 48 46.76	+36 40 17.8	10.02		G	117.194 843 52	+36.671 613 32		24.16	−155.67	−155.25	1.79	0.91	2.01	2.29	1.38	−15	+28	+24	−23	+15	+28	+2	−47	−27	−18	0	−1.88
38127		07 48 47.71	−61 09 46.0	7.90		G	117.198 798 31	−61.162 776 61		10.40	−31.17	63.50	0.59	0.73	0.65	0.64	0.90	−9	−4	+20	+13	−7	+6	−4	−29	−5	−16	0	0.08
38128		07 48 49.34	−35 44 23.1	7.57	2	H	117.205 600 40	−35.739 759 33		1.48	−9.30	−2.84	0.51	0.60	0.73	0.59	0.66	+8	−5	−4	+17	−7	+2	−8	−1	−1	+0	1	0.61
38129		07 48 49.39	−38 12 14.3	7.14		G	117.205 801 60	−38.203 961 55		23.61	−125.36	−43.60	0.46	0.54	0.63	0.53	0.62	−4	+18	−13	+2	+8	−3	+7	−7	+2	−16	0	−0.51
*38130	H	07 48 50.02	−27 24 55.4	9.04		H	117.208 401 10	−27.415 381 22	A	3.09	−9.47	0.82	0.93	1.57	1.96	1.05	1.67	+22	−11	−4	+9	+8	+0	+8	+3	−13	+15	1	0.64
*38131		07 48 49.89	−56 00 29.1	8.96		H	117.207 859 65	−56.008 083 10		13.32	−134.49	27.16	0.80	0.75	0.84	1.02	0.92	−9	+23	+7	−8	+11	+3	+11	−10	+3	−22	1	−0.53
38132		07 48 50.22	−76 46 23.4	8.43		H	117.209 244 94	−76.773 176 26		6.20	−5.85	−21.77	0.67	0.58	0.67	0.76	0.64	−2	+23	+12	+2	−15	−2	−14	+14	−4	−14	0	−0.30
38133		07 48 51.52	−43 18 40.7	7.12		H	117.214 673 39	−43.311 301 49		2.65	−7.86	8.67	0.45	0.52	0.57	0.48	0.58	+0	+1	−3	+2	−5	+7	−5	+1	−7	−10	0	−0.96
38134		07 48 53.46	−24 58 22.2	7.93		G	117.222 762 68	−24.972 837 70		20.14	152.49	−239.09	0.61	0.71	1.09	0.77	1.03	+0	+18	+10	+44	+4	−2	+6	−32	+6	−14	0	0.74
38135		07 48 53.71	+18 11 25.3	6.91		H	117.223 771 95	+18.190 350 11		6.15	−10.90	−37.90	0.99	0.56	1.10	0.86	0.54	−49	+64	−44	+0	−6	+8	+1	−24	+7	−43	2	−1.20
38136		07 48 55.90	+57 42 35.2	9.87		H	117.232 928 21	+57.709 764 09		3.38	−5.67	−6.69	1.03	0.86	1.38	1.36	1.19	+6	+17	−5	−6	−3	−9	−3	−12	+9	−5	0	−1.00
38137	H	07 48 56.66	−46 37 19.1	8.76		H	117.236 100 35	−46.621 967 62	A	0.92	−5.22	8.70	1.40	1.68	1.53	1.46	1.55	+0	−6	−1	+0	−9	+3	−12	−25	+3	−15	4	0.53
38138		07 48 58.22	+00 39 43.1	7.46	2	G	117.242 595 15	+00.661 984 67		16.26	−1.48	−18.38	0.90	0.63	1.02	1.09	0.78	−15	+35	−24	−3	+4	−24	−6	+5	−15	+9	0	0.53
38139		07 48 58.34	−30 34 33.4	9.04		H	117.243 081 59	−30.575 953 24		3.58	−6.01	0.19	0.75	1.01	1.26	0.91	1.01	+7	+18	−2	+13	−18	+13	−9	−30	+19	+16	0	−0.90
38140		07 48 58.99	+04 20 01.3	6.55		H	117.245 799 75	+04.333 703 73		7.78	−19.58	−2.23	0.86	0.62	0.94	0.95	0.75	−1	+24	−24	−16	−15	−25	−24	+17	−1	+6	0	0.04
38141		07 48 59.40	+64 22 15.4	8.02		G	117.247 488 19	+64.370 934 12		5.18	−27.54	−48.80	0.69	0.65	1.01	0.79	0.74	+8	+24	−7	−2	+23	+12	+26	−10	+14	+26	0	0.04
38142		07 48 59.96	−26 32 43.4	8.82		G	117.249 821 84	−26.545 381 91		2.37	−7.62	1.03	0.58	0.82	1.25	0.64	0.85	+8	+10	+22	+37	+5	+3	+2	−13	−5	+1	2	0.90
38143		07 49 00.42	−14 36 50.2	8.68		H	117.251 755 57	−14.613 944 11		3.39	−7.17	2.10	0.75	0.51	0.99	1.02	0.53	+18	+11	+0	+15	+16	−17	+21	−28	+3	+39	0	0.71
38144	H	07 49 00.84	+28 34 26.4	7.82		H	117.253 485 94	+28.573 992 34	A	3.82	15.67	−12.26	1.47	0.92	1.64	1.77	1.00	−37	+24	−38	−2	+8	−36	−4	−8	−8	−12	1	0.64
38145		07 49 01.21	−42 31 36.3	8.29		H	117.255 047 23	−42.526 751 38		4.30	−37.38	23.26	0.57	0.69	0.74	0.63	0.78	−14	−9	+8	−19	+12	+13	+14	−13	−15	−31	0	0.10
38146		07 49 01.70	−24 54 44.1	5.32	1	G	117.257 069 10	−24.912 243 36		10.16	−34.68	14.71	0.97	1.27	1.80	1.16	1.29	−6	+11	−3	+9	+13	+0	+9	−38	+8	−13	0	
38147		07 49 01.81	+13 22 18.8	6.07		H	117.257 557 84	+13.371 888 06		4.94	38.53	−7.86	0.89	0.43	0.95	0.92	0.41	−13	+40	−12	−20	−32	−31	−18	−14	+29	−42	2	0.65
38148		07 49 02.13	+32 54 45.3	10.73		H	117.258 884 85	+32.912 571 95		2.77	−1.86	−16.70	1.97	1.02	2.12	2.18	1.33	−11	+43	−3	−13	−9	−20	−11	−18	−6	+3	0	1.27
38149		07 49 05.54	+52 30 54.8	8.28		H	117.273 090 97	+52.515 212 64		8.33	56.53	−27.73	0.69	0.43	1.02	0.95	0.87	−1	+36	+13	−25	−16	−7	−26	−28	−8	−11	0	−0.66
38150		07 49 06.18	−11 10 52.2	6.73		H	117.275 735 17	−11.181 158 40		12.82	−83.02	21.17	0.56	0.49	0.91	0.76	0.67	−17	+18	−37	−11	+28	−46	+16	+6	+2	−16	0	1.06
38151		07 49 06.50	−24 31 17.3	8.69		H	117.277 072 52	−24.521 478 22		3.03	−18.30	−3.21	0.77	0.76	1.11	1.12	0.84	−10	+3	−1	−27	+16	−6	+13	−24	+9	−10	0	1.74
38152		07 49 06.72	−56 24 37.4	5.57		G	117.278 009 60	−56.410 384 85		3.49	−6.58	10.20	0.47	0.45	0.49	0.55	0.56	−8	+15	+2	+0	+12	+3	+15	−11	+3	−14	0	1.35
38153		07 49 06.91	+10 48 21.3	7.68		H	117.278 812 46	+10.805 919 65		3.03	−5.01	−0.52	0.97	0.53	1.05	1.03	0.57	−26	+42	−22	−25	−10	−31	−12	−12	+8	−28	0	2.06
38154		07 49 07.66	−28 43 17.6	8.98		H	117.281 899 23	−28.721 552 06		2.40	−9.95	2.79	0.72	0.88	1.24	0.82	0.94	+5	−9	−3	+22	+7	+8	+4	−16	−5	−5	1	1.53
38155		07 49 08.34	−36 08 03.3	8.74	2	H	117.284 739 81	−36.134 262 04		−0.33	−1.08	1.60	0.61	0.79	0.91	0.74	0.95	+7	+8	−7	−8	−9	+0	−8	−21	+18	+2	0	−0.42
38156		07 49 08.44	+66 46 43.5	9.17		H	117.285 174 95	+66.778 763 12		1.31	−5.05	−12.17	0.91	0.93	1.33	0.96	1.05	+26	+14	−12	+18	−18	+4	−11	−10	+3	+53	0	−1.60
38157		07 49 11.74	+51 43 31.1	9.04		H	117.298 919 31	+51.725 304 37		3.25	7.27	8.29	0.95	0.54	1.25	1.34	1.13	+22	+30	+24	−33	−28	−14	−36	−33	−8	+4	0	−2.34
38158		07 49 11.98	−04 39 31.7	7.59		H	117.299 931 88	−04.658 815 24		0.68	−0.66	−0.70	0.84	0.66	1.00	1.12	0.87	+4	+9	−17	+12	+11	−26	+4	+12	−33	+20	3	−0.25
38159		07 49 12.87	−46 51 27.9	5.82		H	117.303 610 05	−46.857 740 89		1.70	−3.32	9.67	0.46	0.46	0.52	0.51	0.49	+4	+5	−4	+2	−15	+2	−14	+5	−6	−8	0	−1.41
38160		07 49 12.95	−60 17 02.5	5.78		H	117.303 941 88	−60.284 028 96		28.62	−37.41	140.08	0.47	0.44	0.48	0.56	0.54	−2	−5	+11	+12	−16	+6	−13	−1	−5	−2	1	−2.48
38161		07 49 13.21	−10 29 57.7	7.42		H	117.305 026 45	−10.499 357 09		5.27	−23.74	5.35	0.67	0.51	1.02	0.99	0.81	−1	+22	−24	−8	+22	−35	+20	+4	+13	+1	2	−0.08
38162		07 49 13.28	−22 25 34.6	10.07		H	117.305 349 77	−22.426 276 10		1.65	−5.13	3.09	1.09	1.09	1.68	1.12	0.99	−19	+8	+2	−22	+7	−17	+9	−36	−1	−7	0	1.67
38163		07 49 13.49	+19 46 10.2	7.71		H	117.306 215 15	+19.769 505 66		5.83	10.44	−21.58	0.83	0.52	0.92	0.95	0.63	−28	+40	−24	−6	+3	−16	−1	−15	−1	−20	0	0.68
*38164	H	07 49 14.30	−46 22 23.6	4.10		G	117.309 579 23	−46.373 227 29	A	1.66	−4.62	9.04	0.65	0.71	0.53	0.52	0.54	−25	+8	+6	+2	−7	−8	−16	−26	−11	−18	9	−0.49
*38165		07 49 14.31	−40 42 03.9	6.53		H	117.309 630 83	−40.701 076 79		2.84	−9.52	5.38	0.40	0.45	0.51	0.41	0.47	+11	+3	−7	−2	−12	+7	−13	−9	+3	+1	0	−1.61
*38166		07 49 14.24	−51 10 20.4	11.26		G	117.309 349 85	−51.172 340 28		16.32	−63.88	152.68	1.38	1.48	1.59	1.54	1.72	+0	+24	+13	−19	−2	−9	+0	−9	+0	−21	0	−0.98
38167		07 49 14.65	−35 14 35.9	5.94	2	H	117.311 055 71	−35.243 307 96		6.82	−6.14	8.88	0.37	0.42	0.53	0.42	0.43	+6	−1	−3	+12	−5	+1	−6	−9	+16	+0	0	−0.56
38168		07 49 14.85	−01 40 45.8	8.45		H	117.311 877 88	−01.679 389 08		1.19	−2.56	4.45	1.21	1.08	1.45	1.77	1.32	+1	+8	−44	+11	−8	+1	−12	+24	−3	+34	0	0.52
38169		07 49 15.01	−68 06 30.4	8.81		H	117.312 541 70	−68.108 435 71		6.66	22.41	−10.79	0.68	0.66	0.72	0.81	0.83	−6	+21	+8	+3	−3	−2	+0	−1	+13	−18	0	−0.30
38170		07 49 17.66	−24 51 35.2	3.34	1	G	117.323 578 09	−24.859 784 01		2.42	−5.56	−0.71	0.42	0.46	0.74	0.47	0.42	−4	+18	−2	+12	+9	+0	+12	−39	+28	−4	0	−0.54
*38171		07 49 18.94	−26 35 23.6	9.06		H	117.328 924 97	−26.589 883 47		−1.18	−1.59	5.08	0.60	0.90	1.40	0.67	0.92	+6	+8	+20	+31	+3	+1	−1	−16	−8	−2	0	1.67
*38172		07 49 18.93	+24 29 19.6	7.09		G	117.328 881 95	+24.488 776 24		23.22	−124.09	−20.88	0.85	0.54	0.93	0.95	0.77	−31	+33	−15	+4	−22	−14	−21	+15	+15	−34	0	0.62
38173		07 49 19.59	−33 19 47.3	7.67	2	H	117.331 643 76	−33.329 811 86		0.64	−1.36	2.91	0.49	0.61	0.78	0.57	0.60	−5	−12	−7	+5	+2	+11	−2	−25	+17	−13	1	1.31
38174	H	07 49 19.87	−11 25 45.1	7.90		H	117.332 786 31	−11.429 205 36	A	6.74	−14.89	1.75	2.21	1.99	2.84	2.54	2.42	−30	+18	−37	−7	+21	−20	+17	+1	−1	−24	3	1.70
38175		07 49 20.75	−44 41 11.2	8.87		H	117.336 457 26	−44.686 439 70		3.19	0.62	−1.88	0.76	0.83	0.95	0.88	0.99	+2	+10	+6	+5	+1	+6	+0	+2	−7	−1	1	−0.26
38176		07 49 23.11	−65 49 27.5	8.60		H	117.346 290 02	−65.824 315 36		1.33	−7.54	12.19	0.59	0.67	0.72	0.51	0.82	−1	+6	+18	−29	−14	+6	−11	+3	−15	−35	0	2.94
38177	H	07 49 24.15	−30 33 28.7	7.54		G	117.350 611 08	−30.557 973 63	A	11.91	23.62	−13.88	1.02	1.43	1.43	1.14	1.51	+14	+4	−12	−9	−8	+5	−8	−24	+2	+3	2	1.02
38178		07 49 24.54	−24 13 26.2	8.96		G	117.352 229 78	−24.223 950 56		−0.47	−7.69	3.39	0.93	0.95	1.39	1.25	1.02	−9	+9	+23	−19	+12	+5	+11	−23	+12	−19	0	1.57
38179		07 49 26.30	−59 22 49.1	7.49		H	117.359 582 70	−59.380 312 07		29.97	306.08	−218.91	0.63	0.58	0.64	0.64	0.67	+2	−9	+9	+16	−13	+2	−16	+5	−4	−13	0	−0.46
38180		07 49 26.93	−76 00 42.1	11.64		H	117.362 224 36	−76.011 681 98		0.00	−2.66	9.15	1.80	1.66	1.85	2.06	1.83	−4	+12	+13	−3	−14	+8	−15	−3	−9	−9	1	0.23
38181		07 49 27.64	−54 48 43.6	7.43		G	117.365 166 36	−54.812 107 31		7.50	−3.93	−75.85	0.59	0.55	0.63	0.80	0.68	+14	+9	+7	−6	−10	+19	−11	−3	+0	+17	0	−1.55
38182		07 49 28.05	−26 20 28.4	9.76		H	117.366 889 31	−26.341 224 93		0.13	−1.92	4.45	0.87	1.11	1.67	0.98	1.22	+0	+16	+22	+42	+7	+4	−3	−22	−3	−18	0	−0.26
38183		07 49 28.32	−44 45 04.4	6.32		H	117.367 979 37	−44.751 226 62		9.90	−41.68	28.68	0.44	0.48	0.54	0.49	0.56	+11	+11	+0	+13	−5	+14	−6	+10	−8	+9	0	−0.25
38184		07 49 28.81	−13 21 10.5	6.23		H	117.370 037 44	−13.352 921 44		1.74	−2.38	−10.94	0.56	0.39	0.80	0.77	0.46	+8	+10	−2	+16	+15	−30	+20	−15	−8	+30	0	−0.31
38185		07 49 28.83	−15 20 43.5	7.80		H	117.370 131 09	−15.345 407 38		2.53	1.69	0.57	0.69	0.48	1.03	0.78	0.46	+9	+0	+6	−20	+11	−23	+12	−41	−5	+19	0	2.04
38186		07 49 28.89	−48 38 28.2	9.35	2	G	117.370 389 15	−48.641 156 50		−0.12	−1.68	−0.28	0.81	0.80	0.91	0.92	0.86	−10	+18	+4	+5	−12	+7	−11	+22	−1	−18	0	−0.07
38187		07 49 29.33	−27 50 02.2	8.34		G	117.372 189 82	−27.833 947 07		3.47	2.90	−5.57	0.48	0.71	0.97	0.55	0.69	+19	−9	−9	+23	+7	+11	+2	−23	+8	+10	1	0.25
38188		07 49 29.35	−54 54 04.4	8.38		G	117.372 281 44	−54.901 219 50		13.68	−29.40	61.52	0.69	0.63	0.73	0.92	0.77	+13	+19	+10	−9	−9	+14	−10	−1	+1	+15	0	−1.80
38189		07 49 29.79	+03 13 15.7	7.72		G	117.374 104 79	+03.221 025 75	A	5.91	1.00	−9.32	2.53	1.89	2.21	2.54	2.03	−36	+54	−52	−30	−1	−21	−28	+16	−25	+4	1	0.90
38190		07 49 30.28	+48 06 28.8	8.27		G	117.376 177 97	+48.107 997 84		6.35	−7.49	−2.26	1.14	0.58	1.18	1.55	0.85	+9	+24	−2	+47	+12	−27	+2	+2	−1	−8	2	−1.12
38191	H	07 49 30.52	+39 23 43.7	9.91		H	117.377 173 21	+39.395 475 80	*	4.93	5.93	−5.09	4.38	3.29	2.52	3.69	1.81	−42	+7	−20	−3	+1	+11	−1	−21	+18	+15	1	1.10
38192		07 49 30.55	−39 00 04.3	7.27		H	117.377 305 40	−39.001 204 27		2.59	−4.62	7.75	0.48	0.55	0.64	0.57	0.63	−7	+7	−18	−5	+9	+6	+8	−21	+16	−25	0	−1.00
38193		07 49 30.74	+03 13 32.0	9.25		G	117.378 074 96	+03.225 547 30	B	5.51	36.22	−23.35	35.69	29.07	15.46	24.98	21.98	−35	+54	−53	−34	+2	−24	−28	+15	−27	+3	1	0.90
38194		07 49 31.27	+05 38 42.7	8.35		H	117.380 274 95	+05.645 191 47		3.16	−2.48	−3.76	1.19	0.87	1.55	1.41	1.05	−19	+39	−43	−44	+7	−51	−27	+4	−16	+3	0	0.64
38195	H	07 49 31.96	+41 28 10.7	9.05		G	117.383 160 29	+41.469 626 06	A	5.52	66.98	−275.67	2.59	1.49	2.32	3.19	1.69	+12	+36	−13	+10	−8	−13	−4	−13	−10	+43	1	0.44
38196		07 49 32.32	+12 48 51.5	6.42		H	117.384 655 27	+12.814 295 40		6.38	−6.84	−18.53	0.83	0.42	0.91	0.95	0.45	−20	+31	−6	−14	−22	−36	−15	−12	+27	−49	2	−0.64
38197		07 49 32.42	−21 17 05.9	7.98		G	117.385 103 96	−21.284 958 79		1.90	−3.69	0.53	0.68	0.56	0.99	0.72	0.51	+10	−13	−21	−24	+0	−18	−5	−40	+19	+12	0	−0.92
38198		07 49 32.48	−08 01 04.6	8.68		H	117.385 353 60	−08.017 942 92		2.50	−7.67	−0.72	0.74	0.71	1.26	0.84	0.87	−45	+30	−36	+19	+6	−36	−9	+45	−9	−22	0	1.64
38199		07 49 34.06	+37 38 11.4	8.37		G	117.391 904 04	+37.636 502 76		8.02	−9.94	−32.12	1.15	0.64	1.32	1.44	0.95	−28	+31	+15	+15	+17	+34	+3	−43	−39	−36	0	0.34
38200		07 49 35.43	−33 17 20.2	5.61	1	H	117.397 618 83	−33.288 954 25		4.72	−37.43	1.79	0.37	0.44	0.58	0.41	0.44	+6	−9	−2	−2	+3	+9	−1	−23	+15	−4	0	−0.38

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
38101	8.125	0.010	6.958	0.007		1.001	0.010	T	0.98	0.01	L	7.0208	0.0011	0.007	91		7.01	7.04		C	07485+2846	I 1	1							S
38102	8.431	0.008	8.012	0.008		0.406	0.003	G	0.47	0.00	H	8.0689	0.0010	0.013	150		8.05	8.10			07485+5905	I 1	1							S
38103	9.813	0.024	7.946	0.010		1.588	0.020	G	1.59	0.09	H	7.8768	0.0013	0.016	109		7.85	7.91					1							
38104	8.953	0.023	8.132	0.018		0.740	0.022	T	0.79	0.02	L	8.1726	0.0020	0.010	51		8.16	8.20		C	07485+4746	I 1	1 G							S
38105	9.472	0.018	8.198	0.011		1.085	0.016	T	1.05	0.01	L	8.2913	0.0012	0.011	100		8.27	8.31					1							
38106	6.873	0.005	6.260	0.004	*	0.571	0.005	T	0.64	0.01	L *	6.3013	0.0009	0.007	82	*	6.29	6.31		D	07486+2309	I 1	2 C A	AB	45	0.279	0.003	0.45	0.04	S
38107	7.554	0.005	7.430	0.006		0.112	0.007	T	0.13	0.01	L	7.4533	0.0009	0.010	126		7.43	7.47		C			1							S
38108	8.805	0.010	7.418	0.006		1.173	0.009	T	1.13	0.01	L	7.4792	0.0013	0.014	137		7.46	7.50					1							S
38109	9.047	0.011	7.337	0.006		1.427	0.010	T	1.41	0.02	L	7.3122	0.0010	0.012	154		7.30	7.33		C			1							S
38110	6.992	0.004	7.157	0.006	*	−0.159	0.002	G	−0.16	0.00	H *	7.1472	0.0021	0.016	172	*	7.13	7.17	1.73	P 1 A	07486−3045	H 1	2 C S A	AB	35	0.180	0.012	1.51	0.24	S
38111	9.601	0.026	8.520	0.018		0.945	0.015	G	0.94	0.01	H	8.5907	0.0020	0.016	53		8.57	8.61		C			1							
38112	8.802	0.009	8.821	0.012		−0.013	0.014	T	0.01	0.01	L	8.8451	0.0017	0.021	190		8.80	8.88		C			1							
38113	8.311	0.010	8.229	0.013		0.081	0.015	T	0.09	0.02	L	8.2553	0.0014	0.012	79		8.23	8.28					1							S
38114	7.901	0.008	7.909	0.010	A	−0.006	0.011	T	0.01	0.01	L	7.9516	0.0057	0.022	102	A	7.92	8.05		D	07486−6341	I 2	1 C P A							S
38115	8.933	0.012	8.845	0.014		0.042	0.015	G	0.06	0.01	H	8.8686	0.0018	0.017	117		8.84	8.90		C			1							
38116	9.326	0.017	9.227	0.021	B	0.097	0.025	T	0.11	0.03	L	9.3304	0.0186			B				D	07486−6341	I 2	1 C I A							
38117	10.227	0.024	8.988	0.014		1.068	0.008	G	1.13	0.01	I	8.9719	0.0017	0.016	178		8.94	9.00		C	07487+5339	I 1	1 X S							
38118	6.826	0.004	6.949	0.005		−0.106	0.006	T	−0.09	0.01	L	6.9399	0.0013	0.012	163		6.92	6.96		M			1							S
38119	8.967	0.013	8.726	0.014		0.230	0.018	T	0.26	0.02	L	8.7731	0.0017	0.011	92		8.75	8.80					1 G							
38120	8.305	0.009	7.575	0.007		0.647	0.005	G	0.71	0.00	H	7.6465	0.0012	0.012	171		7.62	7.66		C			1							S
38121	9.153	0.011	7.544	0.006		1.348	0.010	T	1.31	0.01	L	7.5378	0.0013	0.013	156		7.51	7.57					1							
38122	8.919	0.014	8.582	0.015		0.372	0.015	G	0.43	0.02	H	8.6148	0.0021	0.015	87		8.59	8.64		C			1							
38123	9.050	0.021	8.990	0.026	A	−0.019	0.093	G	0.19	0.05	L *	9.0102	0.0024	0.012	49	*	8.98	9.04		D	07487+0156	I 1	2 C A	AB	228	3.954	0.030	3.03	0.18	
38124	12.491	0.375	9.120	0.029		2.651	0.275	T	2.71	0.28	L	8.8430	0.0101	0.104	48		8.74	9.01		U 2			1							
38125	9.078	0.013	9.068	0.018		−0.017	0.015	G	0.01	0.01	L	9.0510	0.0017	0.021	206		9.02	9.09		C			1							
38126	11.648	0.130	10.202	0.055		1.150	0.020	G	1.25	0.04	I	10.1224	0.0028	0.024	96		10.08	10.16		C			1							G
38127	8.370	0.012	7.930	0.010		0.412	0.006	G	0.48	0.01	H	7.9918	0.0010	0.012	104		7.97	8.01					1 G							S
38128	9.757	0.022	7.769	0.009		1.684	0.020	T	2.15	0.05	O	7.6297	0.0032	0.028	138		7.58	7.68		U 2			1							S
38129	7.723	0.008	7.189	0.007		0.489	0.008	G	0.56	0.01	H	7.2501	0.0012	0.009	111		7.24	7.26		C			1							S
38130	9.040	0.014	8.940	0.019	*	0.090	0.022	T	0.10	0.02	L *	9.0774	0.0020	0.024	253	*	9.04	9.12		D	07488−2725	I 1	2 C A	AB	203	4.724	0.012	1.85	0.04	
38131	9.762	0.023	9.065	0.020		0.630	0.023	T	0.70	0.02	L	9.0942	0.0024	0.017	91		9.07	9.12					1							
38132	8.681	0.010	8.444	0.011		0.221	0.015	T	0.24	0.02	L	8.4969	0.0018	0.020	124		8.47	8.53					1							
38133	6.934	0.005	7.098	0.006		−0.143	0.007	T	−0.14	0.01	L	7.0748	0.0015	0.012	130		7.06	7.10					1							S
38134	8.617	0.018	8.017	0.016		0.546	0.013	G	0.62	0.01	H	8.0574	0.0014	0.016	178		8.03	8.09					1 G							
38135	8.399	0.011	7.029	0.007		1.160	0.010	T	1.12	0.01	L	7.0783	0.0013	0.008	88		7.06	7.09		C			1							S
38136	10.247	0.028	9.901	0.031		0.328	0.039	T	0.38	0.05	L	9.9483	0.0035	0.030	122		9.90	10.01		C			1							
38137	9.035	0.029	9.022	0.038	A	0.200	0.495	G	0.04	0.05	L *	8.7776	0.0023	0.018	98	*	8.75	8.81		D	07489−4637	I 1	2 C A	AB	86	2.212	0.007	1.36	0.03	
38138	7.836	0.012	7.485	0.015		0.356	0.001	G	0.42	0.00	H	7.5453	0.0033	0.022	51		7.50	7.58		U 2	07490+0040	I 1	1							S
38139	10.313	0.026	9.121	0.016		1.021	0.024	T	0.99	0.02	L	9.2110	0.0021	0.023	167		9.16	9.25		C			1							
38140	7.508	0.008	6.617	0.005		0.786	0.005	G	0.73	0.04	E	6.6829	0.0011	0.006	51		6.67	6.70		C			1							S
38141	8.488	0.009	8.058	0.009		0.406	0.015	G	0.47	0.02	H	8.1143	0.0014	0.017	123		8.09	8.14					1							S
38142	8.903	0.011	8.805	0.013		0.074	0.005	G	0.09	0.01	H	8.8412	0.0017	0.020	183		8.80	8.89					1							
38143	8.700	0.008	8.686	0.010		0.018	0.012	T	0.04	0.01	L	8.6961	0.0013	0.015	169		8.67	8.73		C			1							
38144	8.082	0.010	7.826	0.012	*	0.211	0.015	G	0.23	0.02	H *	7.8862	0.0019	0.013	88	*	7.87	7.93			07490+2834	I 1	2 C A	AB	358	8.151	0.015	2.66	0.06	S
38145	9.425	0.017	8.394	0.012		0.897	0.016	T	0.90	0.01	L	8.4501	0.0012	0.013	116		8.43	8.47		C			1							
38146	6.235	0.003	5.399	0.003		0.751	0.015	G	0.79	0.04	E	5.4547	0.0006	0.008	182		5.44	5.48		U 2			1 X S							S
38147	7.852	0.008	6.230	0.003		1.367	0.010	G	1.31	0.04	E	6.2262	0.0005	0.007	136		6.21	6.24		C			1							S
38148	11.191	0.066	10.699	0.069		0.463	0.087	T	0.53	0.09	L	10.8362	0.0045	0.035	100		10.78	10.90					1							G
38149	8.953	0.009	8.340	0.008		0.560	0.014	G	0.63	0.01	H	8.4068	0.0009	0.012	224		8.39	8.43		C			1							S
38150	7.066	0.005	6.765	0.005		0.286	0.007	T	0.33	0.01	L	6.8084	0.0009	0.007	100		6.80	6.82					1							S
38151	10.686	0.048	8.845	0.017		1.531	0.040	T	1.58	0.09	L	8.8105	0.0022	0.019	117		8.78	8.84					1							
38152	6.990	0.005	5.699	0.003		1.116	0.003	G	1.09	0.04	E	5.7366	0.0007	0.007	105		5.73	5.75			07491−5625	I 1	1 G							S
38153	9.045	0.014	7.792	0.009		1.068	0.013	T	1.03	0.01	L	7.8485	0.0014	0.010	83		7.84	7.87					1							S
38154	10.128	0.023	9.084	0.015		0.920	0.015	G	0.92	0.01	H	9.1385	0.0027	0.023	165		9.10	9.18					1							
38155	10.689	0.047	8.961	0.018		1.442	0.040	T	1.44	0.06	L	8.8705	0.0135	0.080	123		8.79	8.99		U 2 C			1							
38156	11.194	0.055	9.375	0.020		1.514	0.046	T	1.55	0.07	L	9.2960	0.0028	0.028	148		9.26	9.36					1							
38157	10.566	0.029	9.153	0.014		1.194	0.025	T	1.15	0.02	L	9.2029	0.0012	0.017	189		9.17	9.23		C			1							
38158	8.882	0.020	7.704	0.013		1.010	0.019	T	0.99	0.01	L	7.7559	0.0017	0.010	51		7.73	7.78		C			1							
38159	5.634	0.002	5.797	0.003		−0.142	0.003	T	−0.14	0.00	L	5.7746	0.0007	0.006	112		5.76	5.78					1							S
38160	6.265	0.004	5.826	0.003		0.428	0.004	T	0.50	0.00	L	5.8749	0.0006	0.005	110		5.87	5.89			07492−6017	I 1	1 G							S
38161	7.438	0.007	7.422	0.008		0.019	0.010	T	0.04	0.01	L	7.4383	0.0012	0.008	90		7.43	7.46		C			1 S							S
38162	10.642	0.045	10.176	0.045		0.410	0.040	G	0.48	0.04	R	10.1641	0.0037	0.040	135		10.10	10.24					1							G
38163	8.842	0.014	7.788	0.010		0.915	0.013	T	0.91	0.01	L	7.8660	0.0011	0.011	98		7.85	7.88		C			1							
38164	3.856	0.002	4.072	0.002	*	−0.160	0.015	G	−0.17	0.02	A *	4.0311	0.0005	0.004	94	*	4.02	4.04		D	07493−4622	I 1	2 C A	AC	151	0.341	0.014	3.10	0.07	S
38165	6.323	0.003	6.489	0.004		−0.151	0.003	G	−0.15	0.00	H	6.4728	0.0008	0.008	134		6.46	6.49					1							S
38166						1.251	0.016	G	1.41	0.03	I	11.3830	0.0049	0.038	124		11.33	11.44		C			1							G
38167	5.868	0.003	5.928	0.004		−0.051	0.004	T	−0.03	0.00	L	5.9286	0.0007	0.010	136		5.92	6.01	3.00	P 1 A			1							S P
38168	9.920	0.040	8.638	0.023		1.091	0.036	T	1.05	0.04	L	8.6105	0.0038	0.019	50		8.58	8.64		C			1							
38169	9.396	0.015	8.856	0.014		0.506	0.018	T	0.58	0.02	L	8.9253	0.0018	0.015	111		8.91	8.96		C			1							
38170	4.925	0.002	3.468	0.002		1.218	0.004	G	1.08	0.02	A	3.5109	0.0011	0.009	156		3.50	3.55		U 2	07493−2452	I 1	1 S							S
38171	9.572	0.015	9.110	0.015		0.480	0.015	G	0.55	0.02	H	9.1611	0.0020	0.023	198		9.12	9.21					1 S							
38172	7.680	0.010	7.160	0.008		0.488	0.012	T	0.56	0.01	L	7.2010	0.0010	0.007	76		7.19	7.21		C			1							S
38173	9.128	0.012	7.895	0.008		1.053	0.011	T	1.02	0.01	L	7.8325	0.0031	0.031	145		7.80	7.91		U 2	07493−3320	I 1	1 S							S
38174	8.002	0.009	7.913	0.015	*	0.087	0.016	T	0.10	0.02	L *	7.9340	0.0012	0.010	99	*	7.92	7.95		D	07493−1126	H 1	2 C D	AB	269	8.210	0.044	3.36	0.53	S D
38175	10.375	0.031	9.023	0.017		1.146	0.028	T	1.11	0.03	L	9.0280	0.0024	0.023	115		9.00	9.07					1							S
38176	9.835	0.022	8.706	0.015		0.972	0.021	T	0.96	0.02	L	8.7630	0.0024	0.019	105		8.73	8.80					1 S							
38177	8.150	0.013	7.678	0.014	*	0.460	0.015	G	0.53	0.02	H *	7.6431	0.0013	0.015	164	*	7.62	7.67		D	07494−3033	I 1	2 C A	AB	242	1.464	0.003	0.28	0.01	S
38178	10.309	0.036	9.043	0.020		1.050	0.015	G	1.02	0.01	I	9.1272	0.0021	0.022	108		9.08	9.17					1							
38179	8.325	0.011	7.570	0.010		0.675	0.001	G	0.73	0.00	H	7.6285	0.0012	0.010	98		7.61	7.64					1							S
38180											T	11.7827	0.0056	0.046	105		11.70	11.87					1							G
38181	8.542	0.011	7.531	0.008		0.885	0.015	G	0.89	0.01	H	7.5815	0.0011	0.009	97		7.57	7.60		C			1							S
38182	9.780	0.024	9.697	0.033		0.077	0.035	G	0.09	0.04	H	9.7941	0.0024	0.028	148		9.74	9.85					1							G
38183	7.536	0.006	6.423	0.004		0.962	0.000	G	0.95	0.04	E	6.4799	0.0010	0.007	123		6.47	6.49		C			1							S
38184	6.125	0.005	6.216	0.005		−0.078	0.006	T	−0.06	0.01	L	6.2114	0.0006	0.006	121		6.20	6.23					1							S
38185	9.721	0.015	7.957	0.007		1.470	0.013	T	1.48	0.02	L	7.9288	0.0012	0.014	194		7.91	7.96					1							
38186	9.230	0.013	9.380	0.020		−0.131	0.021	T	−0.12	0.03	L	9.3186	0.0021	0.065	114		9.28	9.52	3.91	P 1 A			1							
38187	8.474	0.007	8.331	0.008		0.109	0.005	G	0.12	0.01	H	8.3751	0.0013	0.018	201		8.35	8.41					1							
38188	8.983	0.015	8.427	0.014		0.511	0.015	G	0.58	0.02	H	8.4947	0.0022	0.014	95		8.47	8.52					1							
38189	8.940	0.019	7.803	0.013	A	0.974	0.015	G	0.96	0.01	H	7.8938	0.0341	0.020	44	A	7.77	7.92		D	07495+0313	I 2	1 C P A							S
38190	8.607	0.017	8.280	0.017		0.297	0.006	G	0.34	0.01	H	8.3382	0.0017	0.012	83		8.32	8.36					1							S
38191	10.362	0.044	9.963	0.047	*	0.377	0.059	T	0.44	0.07	L *	9.9978	0.0035	0.028	85	*	9.95	10.04		D	07495+3924	H 1	2 C A	AB	47	0.233	0.013	0.58	0.26	
38192	8.694	0.011	7.400	0.007		1.100	0.010	T	1.06	0.01	L	7.4380	0.0010	0.009	127		7.42	7.46		C			1							S
38193	9.496	0.030	9.243	0.035	B	0.318	0.020	G	0.37	0.03	H	9.4811	0.1184			B				D	07495+0313	I 2	1 C I A							
38194	8.422	0.017	8.352	0.021		0.069	0.025	T	0.08	0.03	L	8.3805	0.0020	0.013	49		8.36	8.40		C			1							S
38195	9.960	0.032	9.338	0.028	A	0.574	0.004	G	0.65	0.00	H *	9.1852	0.0025	0.016	80	*	9.15	9.22		D	07495+4129	I 1	2 C A	AB	201	2.154	0.007	1.40	0.04	
38196	7.673	0.007	6.528	0.004		0.984	0.006	T	0.96	0.01	L	6.5874	0.0008	0.006	116		6.58	6.60					1							S
38197	7.802	0.008	7.949	0.009		−0.132	0.015	G	−0.12	0.02	H	7.9414	0.0014	0.013	125		7.92	7.96		C			1							
38198	8.584	0.011	8.647	0.015		−0.053	0.017	T	−0.03	0.02	L	8.6647	0.0015	0.011	110		8.64	8.69		C			1							
38199	8.614	0.011	8.393	0.013		0.181	0.015	G	0.20	0.02	H	8.4255	0.0012	0.014	109		8.40	8.45		C			1							S
38200	7.697	0.007	5.790	0.004		1.617	0.007	T	1.80	0.03	O	5.7047	0.0011	0.012	144		5.68	5.73		U 2			1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
38201		07 49 36.09	+24 16 09.3	7.79		H	117.400 367 73	+24.269 244 87		1.27	−3.17	−8.07	0.95	0.60	1.06	1.07	0.85	−32	+35	−22	+1	−12	−15	−14	+6	+11	−31	0	0.84
38202		07 49 36.60	+14 07 52.8	7.80		H	117.402 513 69	+14.131 320 57		2.76	−22.66	−8.72	1.00	0.54	1.08	1.10	0.52	−38	+39	−20	−3	−16	−13	−7	−21	+20	−55	2	−0.77
*38203	H	07 49 38.80	−55 04 44.2	7.28	2	H	117.411 651 71	−55.078 955 52	A	3.94	3.60	−1.54	0.83	0.81	0.85	1.03	0.90	−3	+9	+8	+15	+2	+28	+2	−10	+2	+1	1	−0.24
*38204	H	07 49 38.40	−09 56 44.2	8.38		H	117.409 997 91	−09.945 619 85	A	1.25	−1.92	0.00	1.40	1.15	1.94	1.66	1.55	−19	+11	−23	−10	+14	−30	+15	+2	+17	−30	1	1.01
38205		07 49 38.84	−74 38 14.9	8.91		H	117.411 832 32	−74.637 474 05		8.31	−1.83	−2.59	0.67	0.68	0.72	0.68	0.75	+10	+18	+16	+0	−12	+4	−12	+13	−5	−10	0	−0.29
38206		07 49 39.98	−14 05 07.3	6.34	1	H	117.416 579 54	−14.085 357 29		3.47	−5.81	−0.90	0.60	0.40	0.80	0.83	0.43	+13	+5	−2	+20	+19	−25	+24	−20	+0	+35	1	0.11
38207		07 49 40.18	+12 08 55.9	7.09		H	117.417 433 74	+12.148 847 24		6.15	−20.92	−34.34	0.88	0.48	0.97	1.04	0.53	−26	+23	−7	+1	−30	−31	−23	+0	+28	−44	0	0.48
38208		07 49 40.66	+13 51 31.0	7.62		H	117.419 396 98	+13.858 617 11		4.55	13.08	−46.13	0.99	0.47	1.05	1.08	0.50	−31	+43	−11	−19	−13	−19	−4	−20	+17	−54	0	−0.14
38209		07 49 40.80	−19 30 19.7	6.49		H	117.419 995 60	−19.505 483 58		7.82	−59.12	−14.15	0.51	0.44	0.77	0.54	0.41	+17	+15	−13	−20	+3	−6	+5	−41	+20	+30	3	0.53
38210		07 49 41.00	−66 11 45.5	5.78		G	117.420 816 58	−66.195 973 03		7.12	−1.81	−0.58	0.41	0.41	0.45	0.37	0.46	−13	−1	+15	−13	−13	+1	−13	+8	+0	−32	1	1.72
38211		07 49 41.17	−17 13 41.2	5.17		H	117.421 534 03	−17.228 123 00		12.87	54.17	−117.17	0.46	0.39	0.71	0.51	0.35	+7	+21	+4	−8	+11	−18	+17	−43	+3	+30	2	1.49
38212		07 49 41.51	−55 57 51.8	8.41		H	117.422 950 51	−55.964 398 86		1.41	−6.84	7.43	0.60	0.58	0.65	0.73	0.68	−3	+12	+6	+9	+8	+16	+6	−5	+1	−13	0	−2.09
38213		07 49 41.66	+08 10 52.2	8.50		G	117.423 572 09	+08.181 156 99		16.17	3.42	−45.91	1.11	0.90	1.71	1.59	1.01	+7	+6	−52	−17	+13	−54	−18	+21	−36	+39	0	−1.01
38214		07 49 43.56	−08 18 30.3	8.48		G	117.431 498 12	−08.308 419 76		3.69	−10.13	−2.04	0.69	0.61	1.13	0.83	0.79	−34	+29	−34	+10	+19	−34	+10	+24	−6	−9	0	1.81
38215		07 49 44.20	+38 01 19.6	8.07		G	117.434 157 05	+38.022 119 86		2.13	−1.29	−0.84	1.02	0.54	1.09	1.19	0.74	−13	+41	−2	+15	+1	+9	−2	−29	−17	−3	0	1.10
38216		07 49 45.29	−20 12 26.3	6.54		H	117.438 687 92	−20.207 314 85		19.36	−35.11	−129.35	0.53	0.42	0.77	0.56	0.41	+17	+24	+3	−12	+3	−5	+9	−32	+15	+33	0	−0.09
38217		07 49 45.75	−19 00 24.8	7.90	2	H	117.440 617 69	−19.006 882 09		0.00	3.48	−10.43	0.64	0.61	0.99	0.72	0.54	+8	+8	−16	−12	+4	−9	+8	−46	+18	+31	1	−0.20
38218		07 49 46.40	+15 06 23.4	7.78		H	117.443 327 72	+15.106 493 68		3.24	−11.81	−9.49	1.02	0.55	1.09	1.06	0.55	−26	+30	−21	−39	−6	−32	+1	−29	+31	−49	0	−0.04
38219		07 49 46.86	+52 38 10.8	8.67		H	117.445 254 70	+52.636 320 20		4.96	−26.52	−20.65	0.75	0.46	1.11	1.05	0.96	−4	+34	+15	−25	−15	−8	−24	−24	−1	−21	1	0.27
38220		07 49 47.47	−81 12 17.3	8.43		H	117.447 802 26	−81.204 806 84		3.62	6.61	27.59	0.63	0.61	0.69	0.76	0.68	−5	+11	+30	−3	−1	+6	−3	+3	−4	−21	0	−0.19
38221	H	07 49 47.73	+26 15 49.9	6.82		H	117.448 871 48	+26.263 847 91	A	5.71	−35.98	−10.38	1.03	0.78	0.91	0.91	0.74	−25	+28	−26	−1	−6	+6	−5	−10	+9	−19	2	−0.07
38222		07 49 50.29	−36 05 36.6	6.76		H	117.459 540 39	−36.093 508 75		3.71	−7.67	−6.54	0.42	0.52	0.62	0.52	0.57	+12	+1	−9	−5	−8	+2	−8	−28	+22	+8	0	−0.97
38223		07 49 50.62	+46 06 02.2	8.87		H	117.460 914 41	+46.100 606 29		12.03	−21.18	−90.81	1.23	0.75	1.42	1.80	1.04	−3	+28	−25	+22	−7	+20	+6	−31	+14	+17	0	1.76
38224		07 49 52.22	−40 54 52.4	7.08		H	117.467 583 00	−40.914 559 36		1.83	−2.70	6.60	0.41	0.47	0.53	0.43	0.52	+10	+8	+0	−4	−5	+0	−6	−8	−6	−2	0	−0.89
38225		07 49 54.07	+86 21 56.2	7.88		H	117.475 280 14	+86.365 602 04		21.19	−68.70	−133.95	0.57	0.55	0.67	0.73	0.61	+12	+8	−21	+9	+6	−5	+4	+12	−10	+34	0	1.38
38226		07 49 54.77	−60 03 05.3	6.72		G	117.478 210 11	−60.051 467 78		2.01	−4.13	10.81	0.55	0.48	0.54	0.62	0.58	−5	−4	+5	+20	−19	+8	−21	+11	+9	−9	0	−1.09
38227		07 49 54.78	−40 35 32.3	8.73		H	117.478 242 16	−40.592 292 34		1.48	−11.93	4.76	0.60	0.70	0.79	0.58	0.78	+12	+3	+0	−4	−14	+10	−17	−4	−11	−1	1	−0.59
38228		07 49 55.07	+27 21 47.6	6.90		G	117.479 446 68	+27.363 210 21		45.84	−9.29	−11.84	0.77	0.50	0.89	0.99	0.71	−18	+11	−24	+6	−5	−30	−16	+15	−13	+0	0	−0.21
38229		07 49 55.32	−50 49 05.3	8.09		H	117.480 482 77	−50.818 132 48		2.87	−1.96	−8.98	0.63	0.68	0.73	0.77	0.79	−4	+27	+8	−25	+11	−16	+10	−11	+3	−18	0	0.36
38230	H	07 49 56.84	−42 08 44.7	8.18		H	117.486 813 19	−42.145 759 89	*	3.19	−13.35	4.11	0.99	1.70	0.89	0.80	0.93	−10	+1	+17	−22	+26	+18	+20	−39	−11	−32	2	0.11
38231		07 49 57.02	+28 11 55.6	6.77		H	117.487 592 05	+28.198 784 72		3.77	−3.61	−13.80	0.79	0.55	0.96	1.03	0.76	−35	+22	−36	+1	+18	−33	+7	−2	−14	−8	0	−1.16
38232		07 49 57.80	+40 05 28.8	11.05		H	117.490 847 45	+40.091 331 29		−0.56	−3.58	−8.80	2.24	1.26	2.43	2.78	1.83	−9	+28	−3	+2	−6	+7	−1	−21	+6	+5	2	−1.40
38233		07 49 58.15	−15 15 00.7	9.87		G	117.492 307 89	−15.250 189 67		7.12	−68.33	−22.48	1.07	0.76	1.50	1.23	0.78	−1	+2	−4	−11	+22	−25	+22	−34	−2	+8	6	1.34
38234		07 49 58.50	−58 34 53.7	9.00		H	117.493 761 88	−58.581 594 16		1.13	−9.49	4.74	0.72	0.76	0.81	0.82	0.87	−8	+4	+17	−7	+2	−23	+4	−21	+11	−27	0	0.09
38235		07 49 59.13	−23 47 53.7	6.73		G	117.496 372 77	−23.798 242 65		15.67	−73.25	−3.98	0.59	0.52	0.80	0.82	0.55	−6	+12	+6	−3	+21	−7	+16	−26	+6	−16	0	−0.94
38236		07 49 59.72	−34 29 45.3	10.93		H	117.498 819 45	−34.495 905 88		23.80	−145.38	−19.21	1.00	1.15	1.51	1.11	1.17	+13	+16	+6	−4	−2	+13	−2	−19	+9	+6	0	−0.30
38237		07 49 59.99	−35 06 27.9	8.10		H	117.499 974 63	−35.107 756 58		4.87	2.77	−12.61	0.51	0.56	0.74	0.54	0.60	+8	−8	+0	+11	−4	+5	−5	+0	+10	+2	0	−1.62
38238		07 50 01.03	+64 11 42.0	9.49		H	117.504 293 27	+64.195 013 24		−0.03	−1.49	−3.94	1.21	0.92	1.64	1.26	1.10	+2	+30	−8	−10	+10	+0	+19	−19	+24	+24	4	0.44
38239		07 50 01.48	−15 24 42.5	8.67		H	117.506 174 62	−15.411 814 46		−0.41	−1.90	−1.54	0.82	0.62	1.24	0.85	0.61	+1	+14	+12	−38	+6	−23	+8	−47	−6	+7	0	0.85
38240		07 50 02.44	−61 13 21.5	8.05		H	117.510 153 50	−61.222 637 17		2.92	−14.88	25.19	0.58	0.61	0.63	0.64	0.76	−5	−3	+10	+18	−10	+12	−16	+1	+3	−20	0	−0.48
38241	H	07 50 03.13	−28 15 18.6	10.86	3	H	117.513 042 69	−28.255 179 21	A	7.53	−12.47	8.48	10.44	16.61	10.55	6.60	7.68	−13	+2	−4	−3	+3	+7	+3	−11	+20	+5	6	5.75
38242	H	07 50 04.05	−00 52 55.3	9.53	2	H	117.516 886 28	−00.882 026 90	A	3.67	−9.19	−0.25	5.07	4.44	5.14	7.13	4.65	+26	−2	−57	−50	−48	+46	−34	−48	+27	+44	0	2.90
38243		07 50 04.15	+08 54 00.4	8.82		H	117.517 271 14	+08.900 112 78		2.23	−3.43	−1.06	1.17	0.83	1.25	1.23	0.99	−15	+36	−32	−44	+7	−32	−7	−18	−10	−11	0	−0.14
38244		07 50 05.40	−31 18 20.3	9.18		H	117.522 504 00	−31.305 647 47		0.05	−9.80	4.80	0.71	0.92	1.23	0.80	0.91	+6	+14	+15	+24	−2	+22	−8	−20	+15	−4	0	1.02
38245		07 50 05.50	+79 01 20.1	10.62		H	117.522 910 83	+79.022 247 47		4.86	−11.95	−7.25	1.85	1.90	2.57	2.17	2.10	−2	+21	−5	−3	−5	+15	−3	−25	−7	+9	0	
38246		07 50 05.67	−19 31 24.8	6.11		G	117.523 641 47	−19.523 562 24		1.74	−7.60	5.81	0.48	0.41	0.72	0.51	0.39	+16	+16	−12	−22	+2	−4	+5	−40	+18	+34	1	0.23
38247		07 50 06.83	+22 43 54.3	7.82		H	117.528 448 74	+22.731 762 23		0.39	11.59	−43.01	0.99	0.63	1.08	1.13	0.77	−18	−2	−5	+1	−37	−29	−38	+19	+30	−36	2	0.19
38248		07 50 07.24	+43 38 49.9	8.97		H	117.530 175 66	+43.647 186 41		12.64	−15.12	6.24	1.54	0.72	1.53	1.87	0.86	−5	+51	−14	−19	−6	−19	−8	−30	−5	+14	0	−0.05
38249		07 50 07.85	+60 20 31.5	6.78		H	117.532 701 88	+60.342 088 33		8.22	−15.42	15.80	0.57	0.46	0.78	0.62	0.60	−12	+30	−2	+35	+0	+6	−5	−4	+2	−28	0	−0.61
38250		07 50 08.20	−39 04 52.2	9.26		H	117.534 147 96	−39.081 162 86		20.54	−79.37	153.61	0.73	0.95	0.97	0.96	1.00	+0	−4	−8	−8	+7	+3	−2	−45	+14	−25	0	−1.95
38251		07 50 10.10	+74 29 55.1	8.98		H	117.542 075 71	+74.498 642 47		0.56	−19.26	−26.47	0.69	0.71	1.06	0.79	0.83	+2	+8	−12	+19	+1	+5	+2	−4	−9	+7	0	0.13
38252		07 50 10.48	+19 24 32.8	8.21		H	117.543 661 62	+19.409 123 11		4.67	−6.96	0.33	0.89	0.60	0.98	0.97	0.68	−34	+34	−17	−8	−1	−22	−5	−18	+9	−51	0	−0.85
38253		07 50 10.58	−09 11 00.4	5.60		G	117.544 068 81	−09.183 441 60		2.32	0.02	0.10	0.60	0.50	1.03	0.86	0.60	+13	−5	−52	+34	+43	−52	+26	+23	−9	+26	0	0.27
38254		07 50 10.94	+46 33 26.5	8.63		H	117.545 572 83	+46.557 368 18		12.75	145.55	−15.29	1.26	0.68	1.34	1.84	0.92	+10	+24	−29	+19	−11	−5	−3	−33	+3	+34	0	1.44
38255		07 50 11.08	−02 41 31.3	8.48		H	117.546 150 13	−02.692 017 45		−0.16	−5.43	0.37	1.47	0.89	1.49	1.41	1.01	+10	+54	−22	−29	−21	+2	−25	−21	−8	+30	0	0.57
38256		07 50 12.00	−00 53 09.3	11.18		H																							
38257		07 50 13.52	+39 46 14.8	6.83	2	H	117.556 334 85	+39.770 784 32		0.55	−17.07	−20.12	0.94	0.50	1.00	1.30	0.68	−5	+10	−3	−10	−13	+9	−8	−30	+10	+12	0	−0.53
38258		07 50 15.96	−64 08 38.1	8.90		H	117.566 480 89	−64.143 903 91		1.32	0.87	7.60	0.76	0.80	0.87	0.92	0.88	−8	+24	+24	−2	−15	−20	−7	+10	+4	−39	0	2.69
38259		07 50 16.35	−80 10 09.9	8.67		H	117.568 113 64	−80.169 424 23		10.48	20.94	21.36	0.64	0.65	0.72	0.75	0.78	−5	+13	+27	+1	+4	+15	−2	−8	−9	−22	0	−0.16
38260		07 50 17.74	+06 43 49.6	9.18		H	117.573 901 01	+06.730 447 37		4.02	−7.70	−3.78	1.20	0.92	1.29	1.41	1.17	+6	+0	−17	−22	−24	−23	−29	+7	−10	−1	0	0.57
38261		07 50 18.12	+28 43 52.8	7.66		H	117.575 495 35	+28.731 346 35		1.60	26.23	−32.37	0.94	0.59	1.12	1.22	0.84	−30	+28	−27	+2	+9	−31	−2	+6	−19	+8	2	−0.07
38262		07 50 20.71	−35 47 26.2	7.21		H	117.586 285 24	−35.790 598 89		1.84	−4.75	4.82	0.45	0.53	0.65	0.54	0.58	+9	−5	−4	+6	−3	−3	−5	−17	+16	+4	0	0.25
38263		07 50 21.67	+10 30 22.0	7.94		H	117.590 281 10	+10.506 102 57		4.09	−8.81	−0.14	0.97	0.76	1.15	1.03	0.85	−25	+30	−38	−12	−11	−32	−31	+28	−17	−11	0	0.04
38264		07 50 21.68	−32 10 00.6	8.90		G	117.590 333 84	−32.166 845 01	A	−0.12	−1.73	−17.10	1.47	2.01	2.04	1.21	1.52	+4	+3	+14	+25	+4	+9	+2	−6	+9	+0	10	2.36
38265		07 50 22.73	+05 45 54.8	7.62		G	117.594 708 53	+05.765 208 38		3.31	−7.62	−9.05	0.88	0.67	1.05	1.07	0.81	−4	+26	−37	−28	−2	−33	−23	+8	−20	+15	0	1.07
38266		07 50 22.84	+45 47 30.7	7.06		H	117.595 153 94	+45.791 858 02		10.82	0.30	7.71	0.91	0.57	1.01	1.33	0.70	+0	+21	−20	+13	−14	+20	−5	−31	+7	+12	2	0.25
38267		07 50 23.88	−50 30 33.7	5.89		H	117.599 519 34	−50.509 364 70		12.59	−66.60	−42.50	0.45	0.45	0.51	0.50	0.50	+6	+21	+10	−6	−1	+3	−1	+2	−3	−11	0	−1.32
38268		07 50 26.02	−36 14 30.9	7.26		G	117.608 405 35	−36.241 926 03		5.80	−22.79	13.09	0.44	0.52	0.64	0.51	0.57	+9	−4	−7	+4	−6	+3	−7	−16	+25	+4	1	−2.21
38269		07 50 26.19	+50 35 22.8	8.53		G	117.609 108 98	+50.589 673 08		3.44	8.62	−17.72	0.84	0.55	1.14	1.08	0.90	+13	+22	+20	−5	−6	+6	−16	−24	−20	−15	0	−1.04
*38270	H	07 50 27.14	+17 28 32.0	8.24		H	117.613 074 08	+17.475 547 38	*	1.09	−6.31	−1.78	1.05	0.66	1.13	0.97	0.63	−53	+55	−42	−22	+11	−15	+10	−33	+13	−54	0	−0.78
*38271		07 50 27.14	−29 15 03.9	9.21		H	117.613 071 23	−29.251 077 56		1.11	−2.57	3.13	1.36	1.75	2.38	1.68	1.80	+7	+5	+1	−4	−1	+1	−2	−21	+5	+0	0	
38272		07 50 27.83	+33 57 46.9	10.60		H	117.615 966 76	+33.963 019 15		6.14	−46.14	1.30	1.79	1.09	1.93	1.96	1.36	−35	+42	−19	+11	+9	−2	+11	−23	−7	−14	2	−0.01
38273		07 50 28.93	+09 45 56.0	7.92		H	117.620 523 37	+09.765 566 32		8.54	23.06	−29.49	1.01	0.75	1.10	1.30	1.02	−13	+23	−20	+21	−2	−5	−7	+26	−21	−5	0	−0.87
38274		07 50 30.64	−03 35 51.8	7.31		H	117.627 659 65	−03.597 710 39		8.00	−22.00	−2.80	0.84	0.64	1.01	1.00	0.70	−13	+40	−44	−20	+6	−27	−14	+1	−17	+25	0	0.90
38275		07 50 31.34	−55 38 29.8	8.47		H	117.630 565 86	−55.641 612 66		2.38	−6.77	19.38	0.70	0.72	0.81	0.90	0.78	+4	+21	+23	+19	+14	+31	+3	−13	−9	−11	0	−0.10
*38276		07 50 31.63	+14 50 29.9	7.29		H	117.631 782 48	+14.841 645 34		17.42	−67.25	−23.57	0.92	0.50	1.05	1.00	0.50	−34	+29	−16	−19	−11	−37	−3	−23	+37	−58	2	1.10
*38277		07 50 31.62	+51 22 09.0	8.35		H	117.631 750 27	+51.369 160 60		10.08	−54.25	−60.68	0.87	0.53	1.12	1.21	0.93	+22	+1	−5	−25	−29	+23	−33	−22	+15	+11	0	−0.07
38278		07 50 33.03	+45 20 26.5	8.06		H	117.637 635 12	+45.340 692 11		2.51	7.41	−4.85	1.17	0.69	1.33	1.87	0.87	−1	+8	−3	+7	+4	+27	+3	−40	−14	−3	0	−0.02
38279		07 50 33.86	+59 03 11.0	8.21		G	117.641 100 87	+59.053 067 22		6.98	2.76	−46.66	0.67	0.62	1.02	0.73	0.87	−17	+20	−5	+50	+6	−4	+3	+11	+15	−41	0	0.24
38280		07 50 34.26	−01 36 35.2	7.99		G	117.642 734 31	−01.609 770 64		4.28	−5.72	−4.53	0.97	0.76	1.08	1.33	0.98	+4	+17	−33	−3	−7	−1	−10	+10	−2	+25	0	−0.66
38281		07 50 35.77	+16 52 46.0	8.02		H	117.649 041 77	+16.879 452 32		4.53	−15.03	−16.71	0.97	0.62	1.04	1.07	0.63	−38	+32	−22	−21	+9	+2	+9	−40	+6	−57	0	0.07
38282		07 50 36.92	−05 48 10.5	7.78		H	117.653 812 85	−05.802 925 59		3.63	−10.33	−5.93	0.88	0.69	1.05	1.16	0.85	−1	+29	−36	−18	−1	−19	−16	+9	−16	+32	0	1.46
38283		07 50 37.20	−07 02 04.0	8.99		H	117.654 982 82	−07.034 433 33		0.87	−7.65	−8.79	0.96	0.89	1.51	1.05	1.02	−49	+36	−54	+0	+27	−23	+13	+19	−21	−19	0	−0.91
38284		07 50 38.38	+15 58 06.0	7.98		H	117.659 900 07	+15.968 326 57		4.81	−0.22	−4.28	1.07	0.66	1.16	1.20	0.67	−32	+18	−13	−14	−19	−18	−12	−14	+24	−57	2	0.72
38285		07 50 39.16	+69 44 20.1	10.01		H	117.663 156 65	+69.738 919 58		6.28	−40.81	−53.17	0.74	1.09	1.52	0.77	1.11	+32	+3	−19	+0	−17	+10	−18	−12	−1	+16	2	0.96
38286		07 50 39.51	−70 29 55.2	9.07		H	117.664 635 21	−70.498 664 24		4.56	−21.82	14.14	0.80	0.73	0.79	1.05	0.87	−7	+8	+6	−10	−17	+3	−10	+11	+3	−34	1	0.07
38287		07 50 39.77	+24 09 39.8	7.07		H	117.665 690 17	+24.161 042 16		10.13	−6.93	−6.48	0.81	0.51	0.90	0.92	0.63	−31	+40	−28	+2	−16	−14	−18	+6	+5	−16	0	0.59
38288		07 50 40.08	+15 57 17.2	8.82		H	117.666 983 45	+15.954 764 68		2.26	−1.26	−3.42	1.35	0.82	1.43	1.45	0.81	−30	+22	−19	−24	−11	−3	−5	−25	+14	−52	0	1.17
38289		07 50 40.62	+38 31 36.0	8.82		H	117.669 249 40	+38.526 656 61		10.74	−52.43	−17.29	1.32	0.80	1.38	1.68	1.22	−15	+37	−9	−23	−6	−2	+1	−61	+8	+1	0	−0.43
38290	H	07 50 40.66	−48 32 35.0	7.91		H	117.669 427 18	−48.543 052 96	A	3.04	−6.13	9.47	1.00	1.12	0.80	0.83	0.77	+16	+6	+1	+9	+1	+16	−3	+0	−9	−6	1	0.06
38291		07 50 41.81	−06 03 38.3	10.25		G	117.674 188 11	−06.060 642 37		−0.33	−2.14	2.60	1.57	1.40	2.04	2.26	1.57	−27	+33	−50	−21	+27	−32	+2	+7	−20	+28	0	1.02
38292		07 50 42.52	−44 34 47.9	6.45	1	G	117.677 152 12	−44.579 978 32		5.81	−9.90	13.61	0.45	0.48	0.55	0.49	0.50	+9	+4	+0	+5	−10	+13	−10	−7	+2	+4	0	1.02
*38293		07 50 45.81	+49 12 19.0	10.83		H	117.690 857 90	+49.205 277 84		8.53	5.93	−12.45	2.20	1.03	2.24	2.91	1.65	+50	+33	+29	−5	−17	+2	−29	−26	−18	+19	0	0.32
*38294		07 50 45.79	−46 19 36.3	8.57		G	117.690 801 78	−46.326 755 82		1.16	−4.24	8.93	0.63	0.63	0.73	0.75	0.69	+0	+14	+1	+6	−5	+0	−6	−6	−3	−11	0	0.18
38295		07 50 46.51	+38 35 17.2	9.02		H	117.693 796 25	+38.588 115 23		6.97	−50.14	−84.48	1.33	0.64	1.41	1.56	0.99	−22	+38	+1	−7	+4	+9	+4	−38	−5	−12	0	−0.27
38296		07 50 46.80	+02 28 09.2	8.24		H	117.694 981 85	+02.469 235 20		17.43	−17.47	−62.66	1.25	1.09	1.55	1.26	1.12	−44	+53	−64	−22	−5	−17	−22	+21	−6	−20	0	0.30
38297		07 50 46.95	−49 22 30.5	9.54		H	117.695 639 85	−49.375 149 76		10.56	−57.19	152.08	0.92	0.92	1.07	1.05	1.01	−8	+23	+7	+9	−7	+9	−12	+12	−10	−8	1	2.90
38298	H	07 50 47.30	−05 05 45.6	8.27		H	117.697 094 32	−05.096 009 05	A	2.70	9.11	−9.08	1.82	1.48	1.47	1.82	1.35	−1	+2	−10	−20	+2	+11	+0	−14	+0	+13	0	0.08
38299	H	07 50 47.33	−70 46 41.7	7.86		H	117.697 196 57	−70.778 242 81	A	7.47	−36.18	40.04	1.42	1.40	1.19	1.40	1.26	+2	+20	−2	−16	−7	−3	−6	−17	+0	−27	1	0.08
38300		07 50 47.36	+03 16 38.4	6.17		H	117.697 339 13	+03.277 324 83		8.48	57.66	−29.54	0.85	0.60	0.94	1.03	0.74	+3	+28	−32	−19	−4	−26	−17	+12	−10	+20	0	−0.27

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
38201	9.878	0.028	7.982	0.012		1.575	0.024	T	1.59	0.03	L	7.9117	0.0015	0.011	75		7.89	7.93		C			1							
38202	9.109	0.013	7.914	0.009		1.023	0.012	T	1.00	0.01	L	7.9696	0.0013	0.011	122		7.95	7.99					1							S
38203						0.000	0.495	G	0.10	0.03	L *	7.3172	0.0016	0.015	97	*	7.30	7.38		U 2	07496−5505	I 1	2 C A	AB	53	3.940	0.005	1.55	0.02	S
38204	10.294	0.032	8.530	0.013	*	1.470	0.028	T	1.48	0.04	L *	8.5141	0.0016	0.014	119	*	8.48	8.54			07496−0957	H 1	2 C C	AB	192	0.965	0.049	3.79	0.25	
38205	9.495	0.016	8.955	0.015		0.513	0.016	T	0.59	0.02	L	9.0229	0.0016	0.015	118		8.98	9.05		C			1							
38206	8.553	0.009	6.550	0.004		1.660	0.008	T	1.68	0.01	L	6.4488	0.0024	0.020	142		6.42	6.48		U 2			1							S
38207	8.673	0.010	7.204	0.006		1.238	0.009	T	1.20	0.01	L	7.2517	0.0011	0.008	99		7.24	7.27		C			1							S
38208	8.920	0.011	7.733	0.008		1.017	0.011	T	0.99	0.01	L	7.7926	0.0013	0.010	124		7.77	7.81		C			1							S
38209	8.099	0.007	6.634	0.004		1.234	0.006	T	1.19	0.01	L	6.6512	0.0010	0.011	171		6.63	6.67					1							S
38210	5.716	0.003	5.769	0.003		−0.040	0.001	G	−0.02	0.00	H	5.7683	0.0006	0.005	113		5.76	5.78		C			1							S
38211	6.859	0.004	5.318	0.002		1.282	0.009	G	1.17	0.04	E	5.3308	0.0005	0.007	181		5.32	5.34					1							S
38212	8.432	0.011	8.405	0.013		0.025	0.015	T	0.04	0.01	L	8.4264	0.0013	0.016	99		8.40	8.45					1							
38213	9.236	0.021	8.553	0.018		0.601	0.015	G	0.67	0.01	H	8.6251	0.0022	0.012	48		8.60	8.65		C			1 G							
38214	8.979	0.011	8.522	0.011		0.453	0.015	G	0.52	0.02	H	8.5800	0.0013	0.012	116		8.56	8.60					1							
38215	8.042	0.008	8.071	0.010		−0.016	0.004	G	0.01	0.00	H	8.0689	0.0017	0.015	111		8.04	8.10					1							S
38216	7.247	0.004	6.606	0.004		0.579	0.002	G	0.65	0.00	H	6.6644	0.0008	0.009	143		6.65	6.68			07498−2012	I 1	1							S
38217	10.194	0.022	8.099	0.008		1.745	0.015	G	2.02	0.05	F	7.9816	0.0021	0.029	156		7.94	8.02		U 2			1							
38218	9.255	0.015	7.917	0.009		1.135	0.014	T	1.10	0.01	L	7.9508	0.0010	0.009	101		7.94	7.97		C			1							S
38219	9.161	0.009	8.709	0.009		0.426	0.012	T	0.49	0.01	L	8.7696	0.0011	0.013	211		8.75	8.80		C			1							
38220	10.599	0.031	8.642	0.012		1.623	0.026	T	1.64	0.03	L	8.5457	0.0015	0.014	117		8.52	8.58		C			1							
38221	8.033	0.009	6.918	0.006	*	0.961	0.009	T	0.95	0.01	L *	6.9799	0.0008	0.007	95	*	6.97	7.00		D	07498+2616	H 1	2 C A	AB	208	0.427	0.010	3.05	0.05	S
38222	8.809	0.012	6.941	0.006		1.553	0.011	T	1.57	0.01	L	6.8845	0.0009	0.011	129		6.87	6.90			07498−3606	I 1	1							S
38223	9.436	0.025	8.928	0.024		0.477	0.031	T	0.55	0.03	L	8.9738	0.0015	0.016	72		8.95	9.00		C			1							
38224	6.992	0.005	7.075	0.006		−0.070	0.015	G	−0.05	0.01	H	7.0655	0.0008	0.006	130		7.05	7.08		C			1							S
38225	8.592	0.010	7.946	0.008		0.601	0.015	G	0.67	0.01	H	8.0101	0.0013	0.014	122		7.98	8.04		C			1							S
38226	8.316	0.010	6.853	0.006		1.239	0.002	G	1.20	0.00	H	6.8867	0.0009	0.007	111		6.88	6.91					1							S
38227	8.692	0.012	8.705	0.015		−0.010	0.017	T	0.01	0.02	L	8.7317	0.0020	0.016	122		8.71	8.76					1							
38228	7.756	0.009	6.996	0.008		0.682	0.000	G	0.74	0.00	H	7.0429	0.0010	0.008	74		7.03	7.06		C			1							S
38229	9.870	0.020	8.231	0.010		1.371	0.018	T	1.34	0.02	L	8.2337	0.0016	0.014	117		8.21	8.26		C			1 G							
38230	8.166	0.008	8.179	0.011	*	−0.010	0.012	T	0.01	0.01	L *	8.1816	0.0012	0.013	120	*	8.16	8.20		D	07499−4209	H 1	2 C A	AB	32	0.209	0.027	2.14	0.43	
38231	6.882	0.004	6.791	0.005		0.089	0.006	T	0.10	0.01	L	6.8090	0.0009	0.007	75		6.80	6.83		C			1 S							S
38232	11.675	0.136	11.035	0.123		0.368	0.072	G	0.43	0.08	R	11.1309	0.0065	0.045	76		11.04	11.19					1							G
38233	10.423	0.030	9.960	0.032		0.460	0.020	G	0.53	0.02	H	9.9504	0.0021	0.026	162		9.91	9.99		C			1							G
38234	8.992	0.013	8.982	0.017		0.014	0.020	T	0.03	0.02	L	9.0153	0.0017	0.014	98		8.99	9.04					1							
38235	7.075	0.005	6.752	0.005		0.310	0.008	T	0.36	0.01	L	6.8040	0.0018	0.014	105		6.78	6.82					1							S
38236						1.686	0.143	G	1.65	0.16	S	11.0409	0.0044	0.045	130		10.99	11.12		R			1							G
38237	8.714	0.010	8.156	0.010		0.543	0.015	G	0.62	0.01	H	8.2197	0.0011	0.014	136		8.19	8.25					1							
38238	11.750	0.094	9.714	0.024		1.686	0.077	T	1.71	0.08	L	9.5985	0.0032	0.023	126		9.55	9.64		C			1							
38239	10.294	0.023	8.825	0.011		1.238	0.020	T	1.20	0.02	L	8.8283	0.0017	0.019	190		8.80	8.86					1							
38240	9.517	0.019	8.175	0.011		1.138	0.017	T	1.10	0.02	L	8.2189	0.0013	0.011	105		8.20	8.24		C			1							
38241	11.845	0.107	10.797	0.064	*	0.910	0.094	T	0.91	0.07	L *	11.0204	0.0531	0.357	184	*	10.46	11.34	7.20	P 1 A	07501−2815	H 1	2 C C	AB	335	0.351	0.061	1.49	0.23	G
38242											T *	9.6940	0.0285	0.162	47	*	9.53	9.97		U 2	07501−0053	H 1	2 C D	AB	118	3.892	0.042	2.00	0.28	D
38243	8.831	0.018	8.809	0.023		0.025	0.027	T	0.04	0.02	L	8.8400	0.0029	0.013	50		8.82	8.87					1							
38244	11.334	0.064	9.367	0.018		1.631	0.053	T	1.65	0.05	L	9.2901	0.0018	0.026	165		9.24	9.33		R			1 S							
38245	11.912	0.103	10.728	0.058		1.015	0.092	T	0.99	0.07	L	10.7907	0.0046	0.035	133		10.73	10.85					1 X S							G
38246	7.749	0.006	6.242	0.004		1.265	0.005	G	1.12	0.04	E	6.2814	0.0006	0.008	173		6.27	6.30		C			1							S
38247	9.612	0.022	7.971	0.011		1.373	0.019	T	1.34	0.02	L	7.9663	0.0014	0.011	83		7.94	7.99		C			1							
38248	9.739	0.037	9.048	0.031		0.638	0.040	T	0.70	0.04	L	9.1048	0.0025	0.019	58		9.08	9.13		C			1							
38249	6.911	0.004	6.789	0.005		0.092	0.004	G	0.10	0.00	H	6.8203	0.0007	0.007	122		6.81	6.83		C			1							S
38250	10.287	0.031	9.348	0.022		0.815	0.029	T	0.84	0.02	L	9.3952	0.0021	0.024	120		9.36	9.44					1							G
38251	10.401	0.028	9.093	0.015		1.111	0.025	T	1.07	0.03	L	9.1461	0.0022	0.025	155		9.11	9.19					1							
38252	8.309	0.010	8.215	0.011		0.092	0.014	T	0.10	0.01	L	8.2478	0.0014	0.013	95		8.22	8.27		C			1							
38253	7.502	0.006	5.773	0.003		1.446	0.003	G	1.33	0.04	E	5.7758	0.0007	0.006	116		5.76	5.79					1							S
38254	9.379	0.022	8.692	0.019		0.635	0.024	T	0.70	0.02	L	8.7639	0.0018	0.013	72		8.75	8.79		C			1							
38255	9.638	0.036	8.561	0.025		0.932	0.033	T	0.93	0.02	L	8.6442	0.0022	0.012	47		8.62	8.66		C			1 G							
38256											T	11.3153	1.3633	0.643	2		10.67	11.96			07502−0053	I 1								G
38257	8.968	0.016	7.040	0.007		1.635	0.014	T	2.12	0.04	O	6.9026	0.0023	0.031	89		6.81	6.94		U 2			1 S							S
38258	8.922	0.012	8.893	0.015		0.027	0.017	T	0.04	0.01	L	8.9199	0.0024	0.020	106		8.89	8.95					1							
38259	9.481	0.017	8.726	0.014		0.674	0.017	T	0.73	0.01	L	8.8064	0.0017	0.014	106		8.78	8.83		C			1							
38260	9.419	0.022	9.192	0.025		0.217	0.031	T	0.24	0.04	L	9.2446	0.0028	0.022	51		9.20	9.28					1							
38261	9.069	0.015	7.765	0.009		1.108	0.014	T	1.07	0.01	L	7.8304	0.0012	0.011	83		7.81	7.85					1							
38262	9.205	0.015	7.366	0.007		1.530	0.013	T	1.57	0.03	L	7.3340	0.0011	0.011	130		7.31	7.35					1							S
38263	9.058	0.025	8.044	0.018		0.885	0.023	T	0.89	0.02	L	8.1001	0.0015	0.008	49		8.08	8.11		C			1							S
38264	9.458	0.025	8.959	0.025	A	0.523	0.015	G	0.60	0.02	H	8.9789	0.0088	0.030	155	A	8.95	9.07		D	07504−3210	I 1	2 C A	AB	326	10.139	0.005	0.55	0.02	
38265	7.648	0.010	7.637	0.014		0.013	0.002	G	0.03	0.00	H	7.6247	0.0018	0.009	50		7.61	7.64		C			1							S
38266	7.293	0.007	7.080	0.008		0.197	0.010	T	0.22	0.01	L	7.1277	0.0013	0.010	87		7.11	7.15		C			1							S
38267	7.306	0.005	6.024	0.003		1.088	0.002	G	1.04	0.04	E	6.0624	0.0008	0.006	114		6.05	6.07		C			1							S
38268	7.165	0.005	7.247	0.008		−0.072	0.008	G	−0.05	0.01	H	7.2429	0.0009	0.010	132		7.23	7.26		C			1							S
38269	9.675	0.015	8.632	0.010		0.910	0.015	G	0.91	0.01	H	8.6877	0.0015	0.015	157		8.67	8.72					1							
38270	8.309	0.010	8.242	0.012	*	0.067	0.015	T	0.08	0.02	L *	8.2710	0.0019	0.013	94	*	8.25	8.29			07505+1729	H 1	2 C S A	AB	69	0.135	0.013	1.01	0.43	
38271	10.606	0.034	9.276	0.018		1.129	0.030	T	1.09	0.03	L	9.3760	0.0046	0.045	156		9.30	9.44		R			1 X S							
38272						0.582	0.107	G	0.65	0.10	R	10.7242	0.0038	0.037	81		10.66	10.79		C			1							G
38273	8.341	0.013	7.965	0.014		0.401	0.015	G	0.47	0.02	H	8.0111	0.0019	0.012	53		7.99	8.03					1							S
38274	7.689	0.011	7.326	0.014		0.344	0.017	T	0.40	0.02	L	7.3889	0.0012	0.008	51		7.38	7.41		C			1							S
38275	9.658	0.020	8.599	0.014		0.918	0.018	T	0.92	0.01	L	8.6324	0.0017	0.014	89		8.61	8.66		C			1							
38276	7.777	0.007	7.343	0.006		0.420	0.015	G	0.49	0.02	H	7.3885	0.0009	0.007	112		7.37	7.40		C			1							S
38277	8.896	0.010	8.402	0.009		0.486	0.015	G	0.56	0.02	H	8.4519	0.0015	0.017	173		8.43	8.48		C			1							S
38278	9.552	0.020	8.196	0.012		1.149	0.018	T	1.11	0.02	L	8.2248	0.0018	0.015	91		8.20	8.26					1							
38279	8.704	0.010	8.270	0.010		0.438	0.015	G	0.51	0.02	H	8.3103	0.0015	0.014	135		8.28	8.33					1							S
38280	7.927	0.014	7.961	0.016		−0.045	0.001	G	−0.02	0.00	H	7.9778	0.0014	0.009	56		7.96	8.00		C			1							S
38281	9.464	0.019	8.149	0.012		1.117	0.018	T	1.08	0.02	L	8.1843	0.0016	0.010	99		8.17	8.20		C			1							S
38282	7.813	0.010	7.780	0.013		0.035	0.015	T	0.05	0.01	L	7.8017	0.0014	0.010	54		7.78	7.83		C			1							S
38283	11.255	0.060	9.218	0.017		1.500	0.040	G	1.50	0.10	R	9.1199	0.0021	0.016	110		9.09	9.15		C			1							
38284	9.311	0.016	8.076	0.010		1.054	0.015	T	1.02	0.01	L	8.1440	0.0012	0.016	101		8.12	8.17					1							S
38285	10.700	0.028	10.060	0.025		0.594	0.033	T	0.66	0.03	L	10.1385	0.0023	0.034	239		10.06	10.20					1 S							
38286	9.530	0.019	9.113	0.019		0.394	0.025	T	0.46	0.03	L	9.1616	0.0025	0.019	87		9.14	9.21		C			1							
38287	7.326	0.008	7.098	0.008		0.220	0.015	G	0.24	0.02	H	7.1368	0.0010	0.006	73		7.12	7.15		C			1							S
38288	10.286	0.029	8.858	0.015		1.205	0.026	T	1.16	0.03	L	8.9857	0.0023	0.018	103		8.95	9.02		C			1							
38289	9.388	0.017	8.864	0.017		0.492	0.022	T	0.56	0.02	L	8.9273	0.0015	0.013	106		8.90	8.95		C			1 G							
38290	7.922	0.007	7.921	0.010	*	0.006	0.011	T	0.03	0.01	L *	7.9256	0.0011	0.013	120	*	7.91	7.95		D	07507−4833	H 1	2 C A	AB	14	0.417	0.014	2.87	0.08	S
38291	10.590	0.053	10.273	0.063		0.200	0.004	G	0.22	0.01	H	10.3050	0.0034	0.026	51		10.27	10.36		C			1							G
38292	7.590	0.006	6.555	0.004		0.899	0.001	G	0.91	0.04	E	6.6142	0.0010	0.008	119		6.60	6.65		U 2			1							S
38293	11.647	0.095	10.898	0.075		0.685	0.096	T	0.74	0.08	L	10.9724	0.0035	0.032	120		10.93	11.02		C			1							G
38294	8.480	0.014	8.588	0.019		−0.059	0.015	G	−0.04	0.01	H	8.5570	0.0015	0.012	105		8.54	8.58		C			1							
38295	9.460	0.018	9.078	0.019		0.362	0.024	T	0.42	0.03	L	9.1072	0.0016	0.013	106		9.09	9.13		C			1							
38296	8.858	0.023	8.275	0.021		0.414	0.015	G	0.48	0.02	H	8.3315	0.0026	0.013	38		8.31	8.35		C			1							S
38297	10.366	0.037	9.690	0.033		0.614	0.037	T	0.68	0.03	L	9.6661	0.0032	0.030	100		9.63	9.73					1 G							
38298	9.627	0.029	8.387	0.018	*	1.058	0.027	T	1.02	0.02	L *	8.4431	0.0021	0.015	51	*	8.42	8.47		D	07508−0506	H 1	2 C D	AB	153	0.330	0.071	3.64	0.45	D
38299	8.166	0.012	7.784	0.013	*	0.322	0.002	G	0.37	0.00	H *	7.9355	0.0014	0.011	83	*	7.92	7.96		D	07508−7047	I 1	2 C A	AB	210	1.953	0.002	0.42	0.01	S
38300	7.612	0.012	6.300	0.007		1.106	0.029	G	1.10	0.02	A	6.3421	0.0012	0.006	42		6.33	6.36		C	07508+0317	I 1	1							S

Number HIP	Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag		Position: epoch J1991.25 α (ICRS) deg	δ deg	Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ	Standard Errors α* mas	δ	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ	Astrometric Correlations (%)	Soln F1 %	F2
1 2	3	4	5	6 7	8	9 10	11	12	13	14	15	16	17	18	19 20 21 22 23 24 25 26 27 28	29	30
38301	07 50 48.59	+05 51 33.3	6.96	H	117.702 441 33	+05.859 242 45	5.36	−36.16	27.96	0.80	0.58	0.91	0.98	0.73	+ 4 +21 −28 −30 − 5 −33 −20 + 2 −17 +16	0	1.04
38302	07 50 50.45	−66 41 44.7	8.72	H	117.710 217 84	−66.695 749 63	7.78	−19.15	62.02	0.65	0.67	0.70	0.62	0.82	− 3 + 2 +12 −26 −12 −10 −12 −10 + 4 −25	0	−0.51
38303	07 50 51.11	+04 27 33.8	6.49	H	117.712 948 38	+04.459 396 01	8.43	−15.07	48.39	0.88	0.60	0.93	0.96	0.71	+10 +29 −30 −30 −12 −27 −25 + 4 −10 +20	0	0.26
38304	07 50 51.29	+42 47 14.1	10.33	H	117.713 728 17	+42.787 257 86	2.97	−15.43	−10.67	1.86	0.96	1.86	2.33	1.23	−14 +28 −13 +30 − 7 + 1 + 0 −14 + 7 + 1	0	2.60
38305	07 50 52.68	−02 29 42.3	8.25	H	117.719 480 38	−02.495 083 30	1.99	−1.31	−1.84	1.04	0.74	1.10	1.35	0.98	+18 +23 −22 −10 − 8 − 6 −11 + 9 + 7 +35	3	0.05
38306	07 50 53.42	+00 04 46.4	6.38	H	117.722 580 06	+00.079 542 61	7.88	17.04	5.47	0.86	0.63	0.95	1.08	0.79	−12 +32 −31 +16 − 1 − 7 − 1 +20 + 8 + 9	0	−0.02
38307	07 50 55.24	−11 07 42.7	6.16	G	117.730 163 85	−11.128 520 84	7.93	−0.88	−33.20	0.54	0.47	0.79	0.70	0.65	−11 +12 −26 − 7 +16 −35 +11 + 5 + 5 −19	0	−0.11
38308	07 50 55.90	+20 25 41.5	8.48	H	117.732 935 15	+20.428 199 26	1.69	−9.40	1.25	1.05	0.68	1.16	1.10	0.75	−48 +46 −23 − 9 − 9 −29 −12 − 1 + 8 −50	0	1.21
38309	07 50 56.66	−62 49 44.5	8.30	H	117.736 102 99	−62.829 024 80	−0.02	−11.87	7.09	0.73	0.65	0.77	1.02	0.87	−13 − 1 − 2 + 1 −15 −20 −12 + 5 +34 −40	0	0.62
38310	07 50 56.83	−59 38 46.5	7.31	H	117.736 804 89	−59.646 244 58	3.12	−4.05	10.87	0.52	0.52	0.55	0.57	0.59	+ 4 + 4 + 7 + 7 −14 +13 −17 − 2 − 2 − 5	0	−0.85
38311	07 50 56.84	−70 05 18.6	8.54	G	117.736 826 43	−70.088 511 35	5.67	−26.90	64.32	0.71	0.69	0.75	0.90	0.85	− 4 + 9 + 7 − 8 − 7 +15 − 8 −14 + 0 −26	0	1.84
38312	07 50 57.63	+25 06 38.4	8.59	G	117.740 126 16	+25.110 657 42	12.05	−21.53	7.07	0.99	0.63	1.07	1.36	0.88	−16 +17 −13 + 3 −18 +16 −16 + 1 + 6 + 5	2	−2.14
*38313 H	07 50 59.24	−03 07 15.5	8.15	H	117.746 832 48	−03.120 982 97 A	4.34	−12.17	7.21	2.06	1.56	2.06	2.15	1.54	−12 +29 −51 −51 −14 + 0 −18 −30 − 2 +23	0	0.28
*38314	07 50 59.21	−59 10 50.4	9.06	H	117.746 718 81	−59.180 658 62	4.15	−15.48	6.71	0.96	0.93	1.00	1.04	1.08	+ 5 − 5 +10 −13 − 6 − 1 − 7 −16 − 7 −15	0	−1.86
38315 H	07 51 00.04	−01 49 46.8	9.45	H	117.750 161 88	−01.829 668 74 A	5.93	−29.11	−35.69	8.51	10.90	5.93	7.15	5.67	−52 +20 −29 −21 + 9 −13 −23 +33 −13 −18	3	0.09
38316 H	07 51 00.08	−24 31 42.6	6.43	H	117.750 341 83	−24.528 486 31 A	6.46	−2.86	−29.17	0.67	0.69	0.92	0.89	0.69	+11 − 3 + 7 − 3 + 6 + 8 + 3 −22 + 4 +21	3	−0.32
38317	07 51 00.21	+31 36 49.1	6.83	H	117.750 854 19	+31.613 634 55	4.68	−13.23	−41.00	0.93	0.51	0.94	1.15	0.79	− 4 +26 −25 −26 −30 +13 −32 − 5 +18 +25	0	−0.67
38318	07 51 01.35	+30 15 42.9	8.06	H	117.755 610 26	+30.261 904 76	3.32	−2.91	−6.58	1.04	0.67	1.11	1.17	0.96	−39 +20 −27 −10 −16 − 7 −22 +10 +11 −37	0	−0.05
38319	07 51 02.37	+33 14 01.1	6.06	H	117.759 872 23	+33.233 636 30	15.69	−17.78	7.02	0.88	0.47	0.97	0.94	0.63	− 9 +56 −10 − 9 − 7 −30 −12 −15 − 6 + 6	0	1.53
38320	07 51 02.48	+53 44 29.8	9.12	H	117.760 315 70	+53.741 622 24	−1.13	−10.19	−16.04	0.98	0.61	1.25	1.52	1.09	+14 +18 + 4 −35 −32 − 5 −34 −34 + 4 +22	0	0.21
38321	07 51 02.48	+22 14 54.2	8.21	G	117.760 352 40	+22.248 399 99	2.14	−7.05	13.09	1.04	0.68	1.12	1.09	0.76	−26 +18 −10 + 4 −34 −19 −32 +13 +19 −49	0	1.62
38322	07 51 02.60	+07 26 16.9	7.44	H	117.760 817 72	+07.438 017 38	3.24	−6.14	4.04	0.88	0.67	1.09	1.05	0.79	+ 3 + 7 −26 − 8 − 2 −39 −15 +16 −23 +13	0	−1.16
38323	07 51 03.18	+00 40 28.8	7.91	H	117.763 241 19	+00.674 664 83	7.07	−3.29	1.89	1.03	0.82	1.17	1.25	1.02	−24 +36 −12 + 2 −14 −31 −17 +34 + 4 −17	0	0.00
38324	07 51 03.47	−50 18 19.4	10.07	G	117.764 473 00	−50.305 400 88	28.51	−140.98	164.46	1.09	1.19	1.33	1.38	1.26	+ 1 +24 +24 − 1 + 6 − 3 + 5 − 6 − 1 −20	0	1.33
*38325	07 51 05.75	+54 07 44.8	6.03	H	117.773 960 83	+54.129 110 93	33.32	−40.30	53.28	0.59	0.36	0.76	0.74	0.57	+15 +42 +10 −30 −21 −16 −24 −23 −10 + 8	0	−1.78
*38326	07 51 05.73	−47 24 06.4	8.43	2 H	117.773 886 57	−47.401 774 57	0.26	0.00	1.48	0.68	0.70	0.79	0.79	0.72	− 1 − 2 +13 + 3 − 6 + 6 − 7 − 7 − 2 −10	0	−1.89
38327	07 51 05.97	+36 48 04.6	8.44	H	117.774 891 26	+36.801 286 71	4.36	5.25	−20.52	1.34	0.58	1.48	1.78	1.14	−13 +36 +25 −11 +10 +30 −14 −40 −35 −24	2	0.05
38328	07 51 06.08	+37 12 42.4	7.37	G	117.775 318 68	+37.211 768 10	9.39	9.08	−12.70	1.07	0.54	1.26	1.49	0.90	−23 +24 +25 +17 +17 +43 + 3 −42 −43 −30	0	0.79
38329	07 51 06.18	+31 36 57.8	7.73	H	117.775 754 20	+31.616 051 31	4.87	−14.67	−40.24	1.04	0.60	1.12	1.36	0.84	− 5 +27 −39 −16 −25 +16 −22 − 9 +14 +35	0	1.31
38330	07 51 06.23	+47 08 03.2	8.43	H	117.775 951 79	+47.134 213 19	0.48	−9.22	−6.96	1.15	0.56	1.16	1.42	0.78	+ 6 +36 − 1 +22 + 0 −13 − 7 −26 − 8 + 0	0	0.08
38331	07 51 06.31	−18 14 50.4	6.59	H	117.776 299 75	−18.247 334 43	6.47	−27.81	17.05	0.52	0.42	0.75	0.57	0.41	+ 9 +12 − 2 −23 + 7 − 6 + 8 −37 + 8 +34	1	−0.41
38332	07 51 06.83	+18 40 12.2	8.94	H	117.778 446 73	+18.670 052 78	3.20	5.39	−26.23	1.21	0.76	1.32	1.26	0.83	−43 +44 − 9 + 0 −12 − 5 − 5 −11 +14 −57	0	−0.20
38333	07 51 07.76	+56 22 31.4	8.49	1 H	117.782 317 85	+56.375 386 21	1.40	7.92	−5.90	0.83	0.64	1.17	1.30	1.18	+ 7 + 6 − 2 − 8 −18 + 8 −17 −21 +20 +16	0	−0.43
38334	07 51 08.06	+49 40 25.6	9.03	H	117.783 566 31	+49.673 786 69	5.67	−16.42	3.83	1.26	0.62	1.42	1.86	1.04	+45 +19 +22 +15 − 3 + 9 −15 −21 −17 +22	0	−1.10
38335	07 51 08.29	−69 27 58.2	10.87	H	117.784 537 63	−69.466 179 78	2.25	34.60	34.10	1.25	1.25	1.32	1.40	1.54	− 5 +16 + 2 − 4 −14 + 3 −14 − 2 + 6 −22	1	0.15
38336	07 51 09.04	−53 20 03.1	12.08	2 H	117.787 657 91	−53.334 199 72	8.59	−3.00	−0.72	1.98	2.01	2.21	2.53	2.44	+ 7 + 9 − 5 − 1 − 7 + 8 − 6 −17 +19 + 3	6	1.86
38337	07 51 09.70	−42 57 22.9	8.99	H	117.790 414 67	−42.956 362 51	3.44	−11.54	11.50	0.61	0.75	0.79	0.66	0.78	− 5 + 3 + 1 −19 + 2 + 0 + 2 −18 − 2 −14	0	−1.14
38338	07 51 10.77	−48 36 51.5	9.35	2 H	117.794 895 12	−48.614 294 08	3.66	2.60	−3.80	0.87	0.87	0.99	1.00	0.95	− 4 +15 + 1 − 9 − 7 + 7 − 7 + 1 − 3 −11	0	−1.06
38339	07 51 12.02	−21 13 10.6	10.26	1 H	117.800 083 83	−21.219 620 94	3.89	−2.79	0.23	1.10	0.96	1.62	1.22	0.89	+ 4 − 7 −11 −25 − 2 −18 − 4 −41 +14 +10	0	1.11
38340	07 51 13.12	+32 58 47.5	9.15	H	117.804 666 89	+32.979 862 04	12.76	−22.44	19.57	1.31	0.68	1.32	1.48	1.13	− 3 +34 + 1 −22 −16 −11 −23 −12 − 8 + 6	0	2.49
38341	07 51 13.29	+27 49 53.1	8.73	H	117.805 391 48	+27.831 426 00	−0.08	−5.28	−0.71	1.01	0.76	1.26	1.22	0.95	−39 +24 −39 −11 +18 −34 + 3 − 3 −16 −17	0	−0.12
38342	07 51 13.49	+26 21 27.4	8.55	H	117.806 211 93	+26.357 613 62	2.50	26.55	−26.21	1.03	0.62	1.14	1.00	0.85	−30 +53 −12 − 1 −16 −11 −11 +11 +11 −36	0	−1.24
38343	07 51 13.69	−23 01 57.4	8.29	H	117.807 035 13	−23.032 623 77	6.53	−20.91	14.86	0.72	0.74	1.08	0.83	0.62	+ 5 +20 +15 + 0 +22 + 8 +18 −33 + 6 +12	0	1.12
38344	07 51 13.86	−62 55 49.1	7.07	H	117.807 749 88	−62.930 297 96	4.16	−26.63	55.15	0.63	0.54	0.65	0.82	0.68	−18 +15 + 6 + 4 −17 −35 −10 +13 +17 −31	0	0.97
38345	07 51 13.98	−47 12 59.2	6.53	G	117.808 238 67	−47.216 434 02	2.16	−2.77	8.87	0.47	0.46	0.53	0.53	0.49	+ 0 − 4 + 7 + 3 −11 + 6 −11 − 1 − 7 −13	0	−0.60
38346	07 51 14.22	−45 42 27.4	9.35	H	117.809 247 34	−45.707 615 93	1.76	−12.10	−11.95	0.78	0.80	0.93	0.95	0.85	+ 6 +22 + 5 − 1 − 6 −10 − 7 −15 − 2 − 3	0	0.54
38347	07 51 14.29	−33 45 01.2	9.14	H	117.809 531 59	−33.750 330 47	3.08	−0.41	−8.96	0.72	0.90	1.12	0.87	0.88	+ 5 + 5 +14 + 4 − 4 +11 − 8 −30 + 6 − 6	0	1.16
38348	07 51 15.16	+34 59 52.8	9.08	H	117.813 177 57	+34.998 008 97	3.07	2.60	−11.78	1.20	0.79	1.32	1.40	1.23	−41 +19 − 4 −19 +22 +16 +16 −38 −26 −48	0	−0.54
38349	07 51 15.34	+37 04 55.8	6.49	H	117.813 935 99	+37.082 153 89	8.29	−2.06	−28.19	0.97	0.47	1.19	1.41	0.82	−30 +19 +24 + 2 +18 +47 + 5 −45 −42 −34	0	−0.56
38350	07 51 17.74	−11 10 18.7	7.74	H	117.823 931 73	−11.171 854 06	4.68	−14.00	2.78	0.60	0.54	0.93	0.81	0.80	−11 +14 −19 − 8 +17 −37 +15 + 0 +11 −25	0	0.58
38351	07 51 17.85	−05 11 49.9	9.12	2 H	117.824 374 38	−05.197 205 01	0.49	−6.06	−0.54	1.43	1.12	1.60	1.90	1.49	− 6 + 9 −10 − 4 −11 + 6 −13 +15 +10 +11	4	0.28
38352	07 51 18.88	+20 50 12.8	8.95	H	117.828 660 63	+20.836 875 91	6.73	−13.39	−11.62	1.18	0.79	1.31	1.19	0.80	−43 +45 −37 − 7 −13 − 7 − 9 − 9 +10 −47	0	−0.32
38353 H	07 51 19.01	+38 49 17.4	8.53	G	117.829 202 13	+38.821 499 23 A	4.23	−0.53	−9.63	2.19	0.99	2.03	2.59	1.47	+ 0 +36 + 8 +27 − 1 −27 + 2 −11 − 3 −15	1	0.44
38354	07 51 19.30	+54 43 56.4	7.08	H	117.830 398 21	+54.732 320 51	2.87	−4.44	−10.23	0.56	0.42	0.76	0.75	0.62	− 2 +23 − 6 −20 −15 + 0 −16 −19 + 2 − 9	0	2.04
38355	07 51 20.34	−43 05 42.9	6.34	G	117.834 762 39	−43.095 246 46	2.06	−5.41	5.88	0.40	0.45	0.51	0.43	0.45	+ 3 + 2 + 7 − 5 − 3 − 2 − 3 − 7 + 4 − 7	0	0.19
38356 H	07 51 20.48	−09 24 16.9	6.83	H	117.835 352 93	−09.404 699 79 *	2.47	−13.29	2.69	0.61	0.51	1.00	0.85	0.70	+ 0 +13 −33 +14 +23 −33 +15 +16 +16 +13	0	1.23
38357	07 51 21.41	−43 46 27.3	8.36	H	117.839 190 32	−43.774 244 24	4.04	−12.58	10.74	0.57	0.67	0.74	0.60	0.75	+ 4 + 6 +14 + 1 − 2 + 7 − 3 + 0 − 6 − 7	0	1.29
38358	07 51 21.42	+62 49 45.5	9.05	H	117.839 237 05	+62.829 295 79	5.85	4.35	−16.69	0.78	0.74	1.26	0.80	0.88	+ 2 +24 − 5 + 8 +25 + 5 +36 −18 +23 +27	0	1.45
38359	07 51 22.79	−46 42 11.7	8.82	H	117.844 976 05	−46.703 244 23	1.51	−2.38	4.73	0.66	0.67	0.77	0.74	0.69	− 3 + 2 − 2 −12 − 7 + 1 − 4 − 1 + 8 −19	0	−0.82
38360	07 51 24.19	+14 10 13.8	7.99	H	117.850 791 02	+14.170 500 16	1.70	0.80	−5.48	1.07	0.53	1.18	1.18	0.55	−36 +47 −18 −26 − 7 −25 + 6 −24 +25 −49	0	1.62
38361	07 51 24.55	+04 54 39.3	10.32	2 H	117.852 294 54	+04.910 909 55	0.28	6.88	−14.46	1.64	1.25	1.94	2.06	1.56	−16 +38 −32 −14 − 2 − 9 − 3 + 0 +11 +11	0	0.80
38362	07 51 25.12	+11 09 56.5	8.10	H	117.854 669 88	+11.165 697 82	4.94	−1.53	3.04	1.04	0.83	1.29	1.22	0.95	−39 +38 −33 −20 −13 −50 −34 +33 + 7 −27	0	1.40
38363	07 51 26.59	+29 10 04.8	7.01	H	117.860 808 98	+29.167 995 20	2.58	−4.52	5.20	0.79	0.52	0.92	1.05	0.73	−27 +11 −23 + 7 + 7 −32 + 1 + 3 −12 − 2	0	0.27
38364	07 51 30.24	+30 31 49.2	8.22	G	117.875 994 99	+30.530 325 70	1.54	−1.93	−1.06	1.12	0.64	1.07	1.21	0.92	−15 +13 −27 −29 −31 + 8 −37 + 8 +11 −10	0	−1.89
38365	07 51 30.67	−37 38 04.3	8.50	H	117.877 803 95	−37.634 526 75	1.54	−7.15	4.98	0.55	0.61	0.77	0.57	0.57	− 2 +21 + 8 + 3 −10 − 8 − 5 − 1 +13 − 9	1	−1.70
38366	07 51 31.71	−06 58 59.6	7.64	H	117.882 130 80	−06.983 231 18	2.95	−8.82	−1.29	0.70	0.64	1.10	0.78	0.73	−43 +34 −50 +16 +25 −26 +10 +32 −18 − 7	2	−0.08
38367	07 51 33.16	−32 42 58.0	7.83	H	117.888 158 04	−32.716 108 60	3.79	−4.55	−15.10	0.47	0.58	0.77	0.52	0.55	− 3 −10 + 1 + 4 + 0 + 7 − 2 −22 +10 − 9	0	−0.50
38368	07 51 36.71	+08 59 38.0	9.32	H	117.902 949 79	+08.993 900 36	0.68	−12.09	−6.07	1.51	1.18	1.76	1.62	1.30	+ 0 +18 −48 −43 − 3 −24 +19 + 2 −27 − 2	0	1.37
38369	07 51 39.51	−40 04 12.2	8.29	H	117.914 636 76	−40.070 056 27	15.00	−61.13	−137.48	0.56	0.62	0.72	0.60	0.66	+ 3 + 6 + 5 + 4 − 2 +14 − 5 −26 − 3 − 4	0	0.22
38370	07 51 40.36	−42 53 17.6	6.05	1 G	117.918 178 64	−42.888 222 05	1.85	−6.44	8.14	0.40	0.45	0.51	0.42	0.43	− 1 + 4 + 1 − 8 − 1 − 2 + 0 − 9 + 8 − 9	0	−0.35
38371	07 51 40.77	+63 56 27.4	8.04	H	117.919 887 10	+63.940 942 28	1.92	−10.56	−0.60	0.69	0.65	1.08	0.76	0.77	+11 +24 −12 +10 +14 + 4 +24 −18 +25 +31	0	1.51
38372	07 51 40.88	−12 49 09.8	6.37	H	117.920 353 59	−12.819 393 32	13.37	8.25	−4.96	0.64	0.50	0.82	0.83	0.69	+ 2 +24 −11 +19 +25 −11 +26 + 9 + 5 +10	4	1.12
38373	07 51 42.00	+01 46 00.8	5.12	H	117.924 986 66	+01.766 877 65	7.76	−13.97	−3.78	0.88	0.66	1.02	1.05	0.78	−32 +45 −47 −18 +13 −35 − 2 + 5 + 4 −14	0	−0.08
38374	07 51 42.04	+09 23 11.4	8.58	G	117.925 178 91	+09.386 510 76	20.06	−76.52	−188.73	1.21	0.88	1.27	1.28	1.06	− 7 +43 −23 −37 −20 −25 −35 + 3 −26 + 2	6	0.02
38375	07 51 43.05	−21 10 25.5	5.62	H	117.929 391 05	−21.173 742 45	11.90	−45.76	33.27	0.50	0.42	0.73	0.55	0.41	+25 − 2 −19 −21 − 6 − 9 − 7 −37 +14 +36	0	−1.45
38376	07 51 44.62	−25 12 24.8	8.41	H	117.935 912 23	−25.206 893 32	0.54	−3.33	2.54	0.50	0.73	1.12	0.55	0.72	− 5 − 1 − 1 +36 +12 −19 + 7 −22 +15 −14	0	0.12
38377	07 51 44.69	−58 39 08.6	9.13	H	117.936 213 12	−58.652 388 86	8.06	−24.39	113.04	0.82	0.89	0.91	0.90	1.02	− 5 + 2 + 9 −20 + 3 −24 + 3 −34 + 6 −22	0	1.10
38378	07 51 44.98	−54 49 11.5	8.77	H	117.937 412 73	−54.819 855 31	5.60	28.52	−35.89	0.72	0.80	0.86	0.97	0.85	+11 +13 +36 − 4 − 1 +14 − 7 −14 −11 + 1	0	0.86
38379	07 51 45.50	−18 21 27.2	7.62	H	117.939 575 55	−18.357 554 11	1.53	−9.49	3.13	0.53	0.46	0.84	0.57	0.41	+ 4 +14 − 4 −16 +11 − 8 +14 −41 + 8 +32	0	0.26
38380	07 51 46.01	−27 22 00.4	8.54	H	117.941 704 21	−27.366 771 13	4.43	3.67	5.59	0.43	0.74	1.16	0.51	0.76	+23 −10 − 2 + 4 + 8 + 7 + 4 −14 + 8 +15	0	−0.35
38381	07 51 46.15	−25 49 00.0	8.93	H	117.942 304 45	−25.816 672 95	0.72	−6.93	6.84	0.65	0.79	1.23	0.68	0.87	+ 3 +19 +14 +33 + 9 − 8 + 9 −14 +11 − 8	0	0.21
38382 H	07 51 46.34	−13 53 49.9	5.16	G	117.943 098 95	−13.897 190 57 A	59.98	−68.46	−344.83	0.96	0.82	0.95	1.11	1.03	−21 − 5 −28 +10 +26 −31 +20 − 5 −12 −16	7	0.19
38383	07 51 47.77	−18 17 23.0	8.56	H	117.949 048 47	−18.289 726 19	3.63	1.55	4.19	0.70	0.62	1.09	0.79	0.54	+ 5 + 9 −10 −19 + 8 − 4 + 9 −41 +12 +33	0	0.25
38384	07 51 47.81	−38 22 56.8	11.09	H	117.949 211 86	−38.382 434 24	−2.66	−3.83	2.68	2.69	3.17	3.77	2.99	3.19	− 3 + 5 +12 − 2 − 2 + 2 − 2 −20 +18 −13	0	
38385	07 51 47.94	+24 49 14.9	7.75	H	117.949 745 09	+24.820 812 98	5.07	3.52	−41.18	0.94	0.58	1.03	1.03	0.69	−28 +31 −10 + 2 −16 −13 −17 − 4 + 1 −29	2	−1.87
38386	07 51 48.45	−26 53 46.9	8.43	2 H	117.951 861 35	−26.896 371 91	1.88	−2.40	4.36	0.50	0.88	1.30	0.60	0.92	+18 − 4 + 4 + 5 − 2 + 2 − 3 −28 + 3 +16	1	−1.14
38387 H	07 51 48.55	−55 42 09.2	7.50	H	117.952 271 96	−55.702 546 60 *	3.25	−12.29	14.09	1.98	1.04	0.79	0.92	0.78	− 6 + 4 − 6 +12 + 5 +25 + 6 −17 + 7 − 5	1	−0.28
38388	07 51 49.16	−20 43 14.1	6.78	H	117.954 824 75	−20.720 572 62	15.31	59.50	−29.37	0.54	0.44	0.77	0.58	0.42	+25 + 5 − 9 −15 + 1 −12 + 1 −37 + 7 +37	0	−1.10
38389	07 51 49.64	+75 19 15.2	9.78	H	117.956 849 70	+75.320 893 28	−1.62	−8.05	−8.55	0.87	0.92	1.37	0.99	1.07	+ 5 +19 − 8 + 8 − 7 + 1 − 7 −14 − 3 + 5	3	1.07
38390	07 51 50.47	+21 39 14.0	10.30	H	117.960 271 71	+21.653 901 20	0.32	−7.89	−6.93	1.56	0.97	1.74	1.74	1.09	−26 +29 − 3 − 2 −26 −21 − 2 +14 −40	0	1.65
38391	07 51 53.73	+29 10 47.4	8.05	H	117.973 893 61	+29.179 822 60	1.89	16.50	−14.23	0.93	0.63	1.09	1.24	0.88	−29 + 9 −25 + 6 +11 −31 + 5 + 0 −14 − 7	0	−2.34
38392	07 51 55.93	−11 01 57.2	7.71	H	117.983 032 79	−11.032 554 49	31.58	−68.46	−173.37	0.60	0.51	0.94	0.79	0.79	− 2 + 5 − 6 − 9 + 8 −34 +10 + 0 + 7 −26	0	0.08
38393	07 51 56.66	−09 39 20.6	7.30	H	117.986 071 15	−09.655 709 48	11.87	−35.75	−19.07	0.62	0.51	0.91	0.80	0.65	− 7 +19 −32 + 1 +22 −30 +15 + 5 + 2 + 7	0	1.47
38394	07 51 56.80	+19 19 30.6	6.03	H	117.986 678 65	+19.325 177 52	7.85	−48.52	−38.20	0.75	0.50	0.81	0.85	0.57	−44 +36 −23 + 4 −14 −12 −12 − 5 +15 −57	2	0.46
38395 H	07 51 57.25	−31 38 11.2	7.82	G	117.988 554 64	−31.636 455 20 A	1.64	−5.56	6.07	0.92	1.14	1.27	0.90	1.11	−18 − 5 − 3 +20 + 2 +17 + 7 +13 +10 −14	1	0.56
38396	07 51 57.86	−24 30 43.3	9.53	H	117.991 087 31	−24.512 025 84	−1.01	−1.88	19.15	1.18	1.09	1.74	1.66	1.32	−13 − 7 + 4 −38 + 8 +16 + 6 −12 +23 −11	3	0.43
38397	07 51 58.81	+05 20 58.8	7.41	G	117.995 054 34	+05.349 655 10	8.96	−18.55	8.84	0.93	0.67	0.99	1.29	0.89	+11 +26 −20 + 5 + 4 − 4 + 3 +11 + 4 +33	0	1.16
38398	07 51 59.86	−28 45 39.5	12.03	H													
38399	07 52 00.02	+78 13 33.2	8.15	G	118.000 064 14	+78.225 898 31	12.87	−10.11	22.55	0.59	0.59	0.87	0.72	0.79	+ 6 +24 + 3 − 8 −10 − 5 −10 −35 −17 +20	1	−0.80
38400	07 52 00.98	−41 47 12.6	7.87	H	118.004 068 84	−41.786 819 72	1.84	−4.60	7.43	0.60	0.63	0.72	0.62	0.63	− 8 +17 + 5 −30 +13 − 3 +15 −26 + 8 −23	0	0.57

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″		ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65		66	67	68-70
38301	6.999	0.007	6.961	0.008		0.040	0.010	T	0.06	0.01	L	6.9779	0.0018	0.008	45		6.96	7.00					1								S
38302	9.195	0.014	8.763	0.014		0.422	0.016	T	0.49	0.02	L	8.8105	0.0019	0.014	106		8.78	8.83		C			1								
38303	7.691	0.011	6.598	0.007		0.944	0.010	T	0.93	0.01	L	6.6548	0.0008	0.007	59		6.64	6.67		C			1								S
38304	10.789	0.065	10.474	0.078		0.400	0.072	G	0.47	0.08	R	10.4254	0.0030	0.024	82		10.36	10.48		C			1								G
38305	8.245	0.015	8.223	0.018		0.010	0.015	G	0.00	0.01	L	8.2522	0.0020	0.013	54		8.23	8.29		C			1								
38306	7.984	0.012	6.516	0.006		1.237	0.011	T	1.20	0.01	L	6.5394	0.0012	0.007	49		6.53	6.56					1								S
38307	7.618	0.007	6.283	0.004		1.128	0.002	G	1.10	0.04	E	6.3324	0.0010	0.008	110		6.32	6.34					1								S
38308	8.493	0.011	8.460	0.013		0.035	0.016	T	0.05	0.01	L	8.4935	0.0014	0.011	81		8.48	8.53					1								
38309	10.028	0.029	8.445	0.014		1.327	0.025	T	1.29	0.03	L	8.4554	0.0017	0.014	91		8.43	8.48		C			1								
38310	7.302	0.006	7.298	0.008		0.008	0.009	T	0.03	0.01	L	7.3184	0.0008	0.008	108		7.31	7.33					1								S
38311	8.986	0.012	8.577	0.012		0.395	0.011	G	0.46	0.01	H	8.6300	0.0014	0.015	105		8.61	8.66					1								
38312	9.143	0.017	8.636	0.016		0.460	0.015	G	0.53	0.02	H	8.6951	0.0014	0.010	73		8.67	8.72		C			1								
38313	9.054	0.034	8.209	0.027	*	0.759	0.032	T	0.80	0.02	L *	8.2913	0.0032	0.014	44	*	8.27	8.32		D	07510−0307	I 1	2 C	A	AB	313	6.079	0.011	1.74	0.05	S
38314	10.581	0.038	9.201	0.020		1.168	0.034	T	1.13	0.03	L	9.2240	0.0021	0.019	91		9.18	9.26		C			1								
38315	10.493	0.049	9.553	0.035	*	0.830	0.045	T	0.85	0.03	L *	9.6020	0.0020	0.017	58	*	9.56	9.64		D	07510−0150	H 1	2 C	C	AB	222	0.453	0.039	2.90	0.62	
38316	6.434	0.005	6.439	0.005	*	−0.003	0.006	T	0.02	0.01	L *	6.4431	0.0010	0.010	122	*	6.43	6.46		D	07510−2432	I 1	2 C	A	AB	60	0.997	0.017	3.33	0.07	S
38317	7.058	0.006	6.849	0.006		0.180	0.015	G	0.20	0.02	H	6.8941	0.0008	0.008	90		6.88	6.91		C	07511+3137	I 2	1								S
38318	9.230	0.016	8.163	0.011		0.924	0.015	T	0.92	0.01	L	8.2196	0.0011	0.011	88		8.20	8.24		C			1								S
38319	6.264	0.003	6.071	0.004		0.150	0.015	G	0.13	0.03	C	6.1068	0.0007	0.006	93		6.10	6.12		C	07510+3314	I 1	1 G								S
38320	10.923	0.044	9.305	0.018		1.355	0.037	T	1.32	0.04	L	9.2704	0.0018	0.018	168		9.24	9.31		C			1								
38321	9.348	0.016	8.310	0.011		0.908	0.015	G	0.91	0.01	H	8.3680	0.0016	0.014	88		8.34	8.40		C			1								S
38322	7.494	0.008	7.448	0.010		0.047	0.012	T	0.06	0.01	L	7.4610	0.0012	0.008	45		7.45	7.48					1								S
38323	9.599	0.030	8.064	0.016		1.289	0.027	T	1.25	0.03	L	8.0714	0.0022	0.012	42		8.05	8.09		C			1								
38324	11.484	0.090	10.251	0.049		1.192	0.006	G	1.37	0.02	A	10.1734	0.0037	0.024	92		10.14	10.22		C			1								G
38325	6.600	0.004	6.082	0.003		0.496	0.004	T	0.57	0.00	L	6.1350	0.0004	0.005	162		6.13	6.14					1								S
38326	10.699	0.044	8.654	0.015		1.731	0.038	T	2.41	0.07	O	8.4667	0.0038	0.031	102		8.41	8.52		U 2			1								S
38327	9.732	0.024	8.571	0.016		0.997	0.022	T	0.98	0.02	L	8.6026	0.0012	0.014	108		8.58	8.63		C			1								
38328	7.891	0.008	7.420	0.007		0.465	0.015	G	0.54	0.02	H	7.4773	0.0011	0.011	113		7.46	7.50		C	07511+3713	I 1	1								S
38329	7.930	0.010	7.732	0.011		0.180	0.015	G	0.20	0.02	H	7.7883	0.0014	0.011	88		7.76	7.82		C	07511+3137	I 2	1								S
38330	9.178	0.018	8.507	0.015		0.621	0.020	T	0.69	0.02	L	8.5596	0.0014	0.012	93		8.54	8.58		C			1								S
38331	7.806	0.007	6.695	0.004		0.958	0.006	T	0.95	0.00	L	6.7556	0.0006	0.008	170		6.74	6.77		C			1								S
38332	10.734	0.052	9.055	0.020		1.403	0.044	T	1.38	0.05	L	9.0760	0.0018	0.016	94		9.05	9.11					1								
38333	10.703	0.041	8.724	0.014		1.641	0.034	T	1.66	0.04	L	8.6018	0.0033	0.026	129		8.55	8.64		U			1								
38334	9.470	0.015	9.054	0.015		0.393	0.020	T	0.46	0.02	L	9.1190	0.0018	0.018	144		9.09	9.15		C			1								
38335	11.899	0.121	10.907	0.085		0.970	0.020	G	0.95	0.02	I	11.0137	0.0034	0.041	121		10.94	11.06					1								G
38336											T	12.1961	0.0114	0.072	105		12.00	12.31		U			1								D
38337	9.091	0.013	8.989	0.016		0.092	0.019	T	0.10	0.02	L	9.0279	0.0014	0.016	128		9.00	9.06					1								
38338	11.040	0.059	9.544	0.025		1.259	0.050	T	1.22	0.05	L	9.5142	0.0041	0.085	118		9.47	9.75	13.56	P 1 A			1								
38339	10.491	0.037	10.257	0.045		0.223	0.055	T	0.25	0.06	L	10.3328	0.0038	0.039	127		10.27	10.38		U			1								G
38340	9.943	0.024	9.206	0.021		0.675	0.025	T	0.73	0.02	L	9.2930	0.0022	0.017	88		9.25	9.32					1								
38341	10.755	0.052	8.893	0.019		1.548	0.044	T	1.61	0.10	L	8.8464	0.0016	0.012	71		8.83	8.87		C			1								
38342	10.391	0.041	8.752	0.019		1.371	0.036	T	1.34	0.04	L	8.6976	0.0025	0.014	81		8.68	8.72					1								
38343	8.919	0.014	8.351	0.013		0.535	0.014	T	0.61	0.01	L	8.4078	0.0019	0.020	110		8.37	8.44					1								
38344	8.376	0.010	7.185	0.006		1.020	0.009	T	0.99	0.01	L	7.2370	0.0010	0.007	88		7.22	7.25					1 G								S
38345	6.391	0.004	6.512	0.005		−0.118	0.006	G	−0.10	0.01	H	6.4950	0.0006	0.006	108		6.48	6.51					1								S
38346	10.747	0.044	9.454	0.024		1.100	0.039	T	1.06	0.04	L	9.5220	0.0029	0.023	103		9.48	9.56					1	S							
38347	10.437	0.031	9.290	0.019		0.986	0.028	T	0.97	0.02	L	9.3084	0.0027	0.024	136		9.26	9.35					1								
38348	10.518	0.039	9.174	0.020		1.140	0.034	T	1.10	0.04	L	9.2485	0.0023	0.016	97		9.21	9.28		C			1								
38349	8.493	0.013	6.678	0.006		1.510	0.011	T	1.54	0.02	L	6.6172	0.0008	0.007	114		6.61	6.63		C			1								S
38350	9.080	0.015	7.844	0.010		1.055	0.014	T	1.02	0.01	L	7.9099	0.0012	0.011	107		7.90	7.93					1								
38351	11.412	0.118	9.352	0.032		1.743	0.101	T	2.50	0.14	O	9.1462	0.0070	0.030	47		9.07	9.22		U			1								
38352	9.370	0.020	8.988	0.021		0.350	0.015	G	0.41	0.02	H	9.0355	0.0023	0.016	79		9.01	9.07		C			1								
38353	8.900	0.014	8.646	0.016	A	0.262	0.015	G	0.29	0.02	H *	8.5914	0.0015	0.013	111	*	8.57	8.62		D	07513+3849	I 1	2 C	A	AB	44	1.379	0.015	1.96	0.05	
38354	9.120	0.012	7.251	0.005		1.553	0.010	T	1.57	0.01	L	7.1982	0.0014	0.012	158		7.18	7.22					1								S
38355	6.113	0.003	6.311	0.004		−0.173	0.003	G	−0.18	0.00	H	6.2882	0.0006	0.008	132		6.26	6.30					1								S
38356	6.921	0.005	6.835	0.006	*	0.084	0.007	T	0.10	0.01	L *	6.8618	0.0008	0.006	105	*	6.85	6.87		D	07513−0924	I 1	2 C	S A	AB	93	0.163	0.006	0.21	0.25	S
38357	8.359	0.010	8.332	0.012		0.025	0.014	T	0.04	0.01	L	8.3723	0.0015	0.013	118		8.35	8.40		C			1								
38358	9.551	0.017	9.085	0.017		0.439	0.022	T	0.51	0.02	L	9.1492	0.0019	0.020	137		9.12	9.18					1								
38359	8.803	0.012	8.822	0.016		−0.013	0.018	T	0.01	0.02	L	8.8257	0.0017	0.016	106		8.80	8.85					1								
38360	9.897	0.020	8.179	0.010		1.434	0.018	T	1.43	0.03	L	8.1228	0.0013	0.011	103		8.11	8.15		C			1								
38361	10.700	0.072	10.339	0.085		0.342	0.104	T	0.40	0.14	L	10.4006	0.0331	0.187	49		10.18	10.67	0.40	P 1 A			1								G
38362	9.030	0.020	8.183	0.016		0.760	0.019	T	0.80	0.01	L	8.2450	0.0012	0.009	44		8.23	8.26					1								S
38363	8.077	0.011	7.103	0.006		0.855	0.009	T	0.87	0.01	L	7.1688	0.0011	0.008	78		7.16	7.18		C			1								S
38364	8.194	0.009	8.197	0.011		−0.016	0.003	G	0.01	0.00	H	8.2253	0.0016	0.013	87		8.20	8.25		C			1	S							S
38365	8.564	0.010	8.502	0.012		0.056	0.014	T	0.07	0.01	L	8.5232	0.0011	0.011	131		8.50	8.54		C			1								
38366	7.547	0.006	7.629	0.007		−0.070	0.008	T	−0.05	0.01	L	7.6255	0.0014	0.011	114		7.61	7.65					1								S
38367	9.616	0.015	7.971	0.008		1.376	0.013	T	1.35	0.02	L	7.9763	0.0012	0.015	161		7.96	8.01		C			1								
38368	10.621	0.059	9.358	0.032		1.076	0.052	T	1.04	0.04	L	9.4929	0.0053	0.026	46		9.46	9.55					1								
38369	8.892	0.015	8.358	0.014		0.490	0.015	G	0.56	0.02	H	8.4018	0.0018	0.014	117		8.38	8.42					1								
38370	5.796	0.002	6.015	0.003		−0.181	0.003	G	−0.19	0.00	H	5.9810	0.0009	0.008	126		5.97	5.99		M			1								S
38371	9.657	0.017	8.181	0.009		1.243	0.015	T	1.20	0.01	L	8.2035	0.0013	0.014	136		8.18	8.24		C			1								
38372	6.816	0.004	6.410	0.005		0.384	0.006	T	0.45	0.01	L	6.4568	0.0008	0.007	79		6.45	6.47		C			1								S
38373	4.975	0.004	5.104	0.004		−0.116	0.012	G	−0.09	0.01	A	5.0892	0.0008	0.004	46		5.08	5.10		C			1								S
38374	9.460	0.027	8.653	0.022		0.726	0.015	G	0.77	0.01	H	8.7215	0.0024	0.011	41		8.70	8.75					1								
38375	6.833	0.004	5.719	0.003		0.956	0.005	G	0.92	0.04	E	5.7800	0.0006	0.007	133		5.77	5.79		C			1								S
38376	8.355	0.006	8.374	0.008		−0.015	0.009	T	0.01	0.01	L	8.4163	0.0014	0.015	200		8.39	8.45		C			1								
38377	10.104	0.027	9.220	0.020		0.788	0.025	T	0.82	0.02	L	9.2824	0.0019	0.014	95		9.26	9.31					1								
38378	10.126	0.032	8.889	0.019		1.056	0.029	T	1.02	0.02	L	8.9369	0.0017	0.018	93		8.91	8.97		C			1								
38379	7.592	0.006	7.600	0.007		−0.003	0.008	T	0.02	0.01	L	7.6293	0.0009	0.010	172		7.61	7.65		C			1								S
38380	9.226	0.009	8.609	0.008		0.571	0.009	T	0.64	0.01	L	8.6649	0.0013	0.019	262		8.63	8.69					1								
38381	8.808	0.010	8.917	0.013		−0.080	0.015	G	−0.06	0.02	H	8.9044	0.0019	0.020	149		8.88	8.94					1								
38382	5.911	0.004	5.232	0.003	*	0.600	0.007	G	0.67	0.02	A *	5.2770	0.0006	0.005	84	*	5.27	5.29		D	07518−1354	I 1	2 C	A	AB	293	0.560	0.002	0.90	0.01	S
38383	9.880	0.017	8.670	0.010		1.035	0.015	T	1.01	0.01	L	8.7263	0.0019	0.019	173		8.69	8.77					1								
38384	11.409	0.091	10.964	0.106		0.420	0.128	T	0.49	0.14	L	11.1933	0.0067	0.051	109		11.12	11.29		C			1 X	S							D
38385	9.091	0.015	7.871	0.010		1.043	0.014	T	1.01	0.01	L	7.9147	0.0008	0.008	85		7.90	7.94		D			1								
38386	11.015	0.041	8.703	0.010		1.907	0.034	T	1.94	0.04	L	8.5227	0.0026	0.030	217		8.48	8.57		U 2			1	S							
38387	8.717	0.011	7.619	0.008	*	0.948	0.011	T	0.94	0.01	L *	7.6624	0.0010	0.010	93	*	7.64	7.68		D	07518−5542	H 1	2 C	A	AB	173	0.233	0.007	1.47	0.12	S
38388	7.261	0.005	6.831	0.005		0.420	0.006	T	0.49	0.01	L	6.8784	0.0008	0.009	140		6.86	6.89		C			1								S
38389	11.516	0.073	9.929	0.029		1.330	0.062	T	1.29	0.07	L	9.9417	0.0033	0.030	143		9.87	9.98					1								
38390	11.698	0.103	10.379	0.054		1.120	0.091	T	1.08	0.09	L	10.4668	0.0032	0.025	87		10.42	10.50		C			1								G
38391	9.223	0.018	8.175	0.013		0.910	0.017	T	0.91	0.01	L	8.2112	0.0016	0.012	78		8.20	8.23		C			1								S
38392	8.596	0.011	7.801	0.009		0.721	0.011	T	0.77	0.01	L	7.8503	0.0011	0.012	125		7.83	7.87		C			1								S
38393	7.609	0.007	7.329	0.010		0.266	0.011	T	0.30	0.01	L	7.3773	0.0013	0.008	90		7.37	7.39		C			1								S
38394	7.467	0.007	6.170	0.004		1.125	0.006	G	1.10	0.04	E	6.2017	0.0008	0.006	88		6.19	6.22		C			1								S
38395	7.830	0.014	7.941	0.016	A	−0.148	0.015	G	−0.15	0.02	H *	7.7296	0.0014	0.016	169	*	7.70	7.76		D	07520−3138	I 1	2 C	A	AB	100	1.258	0.005	0.91	0.02	S
38396	10.939	0.061	9.679	0.032		1.150	0.015	G	1.11	0.01	I	9.6992	0.0030	0.025	117		9.65	9.74		C			1								G
38397	7.846	0.011	7.456	0.011		0.389	0.015	G	0.45	0.02	H	7.5052	0.0015	0.008	52		7.49	7.52		C			1								S
38398						0.590	0.020	G	0.66	0.02	H	12.1594	0.2367	0.777	35		10.89	13.06													G
38399	8.641	0.009	8.201	0.009		0.446	0.015	G	0.52	0.02	H	8.2470	0.0013	0.017	142		8.22	8.28		C			1								S
38400	9.792	0.020	8.028	0.009		1.470	0.017	T	1.48	0.03	L	8.0033	0.0009	0.011	121		7.98	8.03					1								S

Number		Descriptor: epoch J1991.25					Position: epoch J1991.25			Par.	Proper Motion		Standard Errors					Astrometric Correlations (%)										Soln	
HIP 1	2	RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	α (ICRS) deg 8	δ deg 9	10	π mas 11	$\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	F1 % 29	F2 30
38401		07 52 02.25	−33 57 03.3	8.63		G	118.009 367 03	−33.950 914 20		13.77	−17.08	57.23	0.67	0.76	0.97	0.77	0.74	+4	+1	+10	+5	−9	+5	−10	−31	+7	−1	3	−0.44
38402		07 52 03.57	−48 52 05.8	8.37		G	118.014 865 67	−48.868 290 74		2.37	−3.69	8.49	0.65	0.63	0.74	0.73	0.66	−4	+25	+2	+5	−11	+8	−12	+5	−11	−13	1	−0.29
38403		07 52 03.89	+45 55 59.2	6.50		H	118.016 220 73	+45.933 097 67		9.60	−32.72	−44.65	0.82	0.46	0.91	1.18	0.65	+2	+17	−17	+16	−13	+10	−5	−32	+17	+14	0	−0.96
38404		07 52 03.93	+59 30 02.5	7.15		H	118.016 368 69	+59.500 705 18		5.34	8.65	−55.95	0.58	0.51	0.85	0.64	0.75	−11	+14	+9	+48	+8	−1	+3	+7	+5	−37	0	−0.89
38405		07 52 04.53	+33 51 17.5	8.14		G	118.018 894 64	+33.854 857 48		4.03	−23.63	−27.06	1.13	1.07	1.40	1.46	1.49	−28	+40	+20	−10	+39	+12	−2	−56	−51	−45	0	−0.37
38406		07 52 07.16	+03 16 39.1	6.30	2	H	118.029 837 62	+03.277 533 63		7.77	49.07	−79.02	0.94	0.65	0.99	0.97	0.76	+11	+40	−10	−27	−21	−22	−22	+14	+0	+11	0	0.53
38407		07 52 07.32	−64 17 39.2	7.39		H	118.030 492 75	−64.294 219 03		6.18	−1.34	2.81	0.56	0.58	0.66	0.75	0.70	−22	+12	−0	−7	−2	−35	−3	+16	+1	−32	0	−0.45
38408		07 52 07.80	−42 19 25.7	8.43		H	118.032 512 93	−42.323 798 51		3.31	−11.92	5.81	0.56	0.64	0.70	0.64	0.64	−5	−2	+7	−18	+12	+3	+10	−28	+3	−18	0	0.51
38409		07 52 08.46	+36 10 09.3	6.92	1	H	118.035 260 73	+36.169 263 82		2.92	−5.24	−33.10	0.87	0.53	0.99	1.15	0.91	−31	+10	+19	−5	+18	+19	+12	−38	−34	−35	0	2.19
38410	H	07 52 08.48	−03 03 14.9	6.94		G	118.035 352 41	−03.054 151 17	A	8.68	−39.61	7.50	1.41	0.99	1.29	1.54	1.07	−11	+23	−32	−38	−9	−18	−19	−12	−10	+25	3	−0.47
38411		07 52 10.03	−65 17 29.6	9.35		H	118.041 806 19	−65.291 547 73		3.77	−20.37	40.11	0.71	0.85	0.87	0.61	1.03	−13	−6	+8	−22	−23	+8	−17	+18	−6	−46	0	2.65
38412		07 52 10.34	+71 13 35.3	8.55		H	118.043 070 35	+71.226 474 79		6.14	8.53	17.58	0.55	0.71	1.05	0.63	0.76	+33	+9	+5	+7	−12	+17	−10	−14	+0	+39	0	−1.11
38413		07 52 11.05	−43 39 20.1	9.63		H	118.046 055 90	−43.655 573 40		11.00	−29.07	25.24	0.81	0.99	1.11	0.84	1.00	−1	+15	+27	+0	+4	+11	−3	−13	−22	−13	0	0.88
38414		07 52 13.05	−40 34 32.9	3.71		G	118.054 356 22	−40.575 798 89		9.46	−13.89	5.30	0.41	0.44	0.50	0.43	0.49	+12	+14	−1	+3	−1	+6	+1	−10	−11	+6	1	−0.50
38415		07 52 13.24	+41 08 48.2	8.30		H	118.055 157 25	+41.146 712 78		5.61	57.80	−35.55	1.18	0.51	1.11	1.46	0.75	−2	+43	−18	+35	−2	+1	+10	−10	+6	+27	0	0.75
38416	H	07 52 13.32	−59 36 49.3	7.48	1	G	118.055 516 22	−59.613 690 91	A	2.87	−5.22	11.36	0.85	0.89	0.83	0.85	0.89	−18	+5	+0	+11	−15	+13	−15	−11	−3	−24	2	1.10
38417		07 52 13.61	+70 26 11.0	8.89		H	118.056 700 60	+70.436 402 44		3.26	8.10	−14.27	0.67	0.89	1.17	0.83	1.02	+38	−2	−7	−1	−17	+4	−17	−19	−2	+30	1	1.80
38418		07 52 14.05	−36 03 44.3	9.19		H	118.058 540 29	−36.062 310 11		2.07	−14.19	17.70	0.69	0.81	1.00	0.80	0.90	+11	+3	−3	+6	−3	+2	−4	−14	+10	+7	0	−0.37
38419		07 52 14.16	+49 37 36.8	8.41		G	118.058 980 34	+49.626 902 27		5.23	1.74	−30.99	1.00	0.54	1.19	1.40	0.85	+19	+24	+22	+20	+10	+15	−5	−32	−16	−6	0	0.77
38420		07 52 14.47	−42 19 21.1	7.53		H	118.060 296 86	−42.322 539 20		3.54	−12.63	5.15	0.47	0.52	0.58	0.53	0.52	−7	+3	+4	−20	+13	+1	+11	−28	+7	−18	0	−0.21
38421		07 52 15.31	−23 58 28.1	11.49		G	118.063 774 73	−23.974 472 81		5.66	−2.37	5.35	1.76	1.89	2.73	2.60	2.31	+3	+11	+11	−13	+8	−3	+7	−20	+6	−6	2	2.20
38422		07 52 15.53	+36 16 12.0	7.05		H	118.064 719 33	+36.269 988 07		25.43	53.73	−24.72	1.38	1.23	1.08	2.01	1.71	−36	+32	−6	−62	+41	−21	+35	−83	−3	−51	0	1.77
38423	H	07 52 15.80	−34 42 21.7	5.01		G	118.065 846 35	−34.706 021 21	A	55.48	−198.24	238.13	0.40	0.46	0.54	0.43	0.45	+8	+15	+17	+5	+12	+24	+3	−4	+3	+2	4	−1.58
38424		07 52 17.90	−30 50 04.1	9.63		H	118.074 584 53	−30.834 480 34		5.73	41.42	−38.86	0.83	1.03	1.38	1.02	1.09	+5	+15	+15	+5	−7	−4	−8	−28	+2	−4	0	−0.47
38425		07 52 18.18	−48 41 07.2	8.74		H	118.075 753 55	−48.685 340 61		3.12	−5.58	8.04	0.69	0.67	0.78	0.81	0.69	−3	+19	−4	+1	−9	+8	−8	+4	−2	−9	0	−0.16
38426		07 52 18.38	+67 53 26.9	9.00		H	118.076 603 81	+67.890 812 86		1.17	−9.97	−6.58	0.60	0.87	1.23	0.56	0.92	+16	+16	+4	−38	−17	−5	−19	−12	+4	+22	1	0.80
38427		07 52 18.88	−14 50 46.2	5.69		H	118.078 680 58	−14.846 178 33		2.75	−7.73	1.34	0.60	0.56	0.84	0.79	0.71	−16	+18	−2	+10	−15	−33	−10	+12	+1	−7	4	2.09
38428		07 52 19.70	−06 48 15.7	8.26		H	118.082 095 89	−06.804 372 22		5.72	−17.89	2.48	0.79	0.68	1.16	0.90	0.84	−48	+26	−40	+7	+24	−28	+18	+18	−8	−22	3	−0.46
38429		07 52 20.19	−29 37 55.6	9.79		G	118.084 109 93	−29.632 113 12	A	2.07	−3.49	4.16	1.81	2.24	2.86	2.07	2.12	+6	+9	−20	+4	−4	+15	+1	−7	+4	+3	5	1.90
38430		07 52 20.29	−26 25 46.7	9.19	2	H	118.084 523 28	−26.429 639 63		2.41	−3.11	0.56	0.85	1.00	1.52	0.89	1.00	−7	+6	+7	+37	+5	+4	+6	−29	+11	−6	0	2.30
38431		07 52 21.65	−51 48 52.3	9.45		H	118.090 226 25	−51.814 535 80		5.06	6.31	−19.86	0.82	0.93	0.98	0.97	1.09	+4	+15	+9	−15	−4	−19	−1	−18	+18	−18	3	−2.06
38432	H	07 52 21.68	−38 32 44.2	11.68	2	G	118.090 344 66	−38.545 601 59	A	2.43	8.46	19.47	9.49	11.71	12.34	10.66	10.12	−16	−15	+8	−16	−1	−2	−4	−32	+36	−20	5	5.75
38433		07 52 22.28	−59 29 35.3	7.86		H	118.092 814 76	−59.493 138 98		2.73	−3.19	11.84	0.61	0.61	0.64	0.67	0.71	−3	−3	+6	+14	−10	+5	−15	−16	+1	−16	0	0.05
38434		07 52 22.64	+03 50 35.4	7.99		H	118.094 325 45	+03.843 156 79		5.41	−7.39	−4.14	0.93	0.68	1.02	1.08	0.79	+6	+33	−25	−32	−12	−29	−25	+5	−13	+22	0	0.58
38435		07 52 25.51	−23 17 46.8	10.15		G	118.106 308 00	−23.296 326 17		2.97	−7.12	−1.09	1.21	1.14	1.67	1.41	1.24	+1	+5	+11	+0	+22	+4	+22	−12	−3	+19	0	0.49
*38436		07 52 28.35	−13 51 45.3	6.61		H	118.118 113 43	−13.862 583 20		7.69	52.33	−83.68	0.65	0.53	0.83	0.87	0.76	−6	+17	−10	+11	+10	−11	+9	+7	+1	−2	2	1.72
*38437		07 52 28.21	+57 01 03.5	7.34	1	H	118.117 525 09	+57.017 651 27		3.15	20.75	−1.54	0.67	0.54	0.91	0.94	0.79	+0	+21	−2	−13	−5	+0	−4	−28	+3	−1	0	0.41
38438		07 52 29.75	−54 22 01.9	5.70	1	H	118.123 943 82	−54.367 184 32		2.23	−5.44	8.01	0.46	0.44	0.50	0.58	0.50	+10	+10	+7	+7	−14	+9	−11	−2	+16	+15	0	−1.93
*38439		07 52 30.07	−21 59 59.1	9.09	2	H	118.125 297 74	−21.999 753 57		1.91	−3.97	2.03	0.77	0.80	1.28	0.88	0.76	+7	+21	+5	−7	−1	−31	+2	−27	−3	+17	1	1.35
*38440		07 52 30.07	−24 55 36.6	8.35		H	118.125 282 33	−24.926 845 46		2.40	−17.99	5.23	0.52	0.70	1.12	0.62	0.75	−7	+3	+1	+24	+15	−11	+10	−19	+21	−17	0	0.42
*38441		07 52 36.51	−17 23 00.7	12.21	3	H	118.152 144 03	−17.383 531 97		6.90	−0.24	−4.30	2.05	1.56	3.44	2.37	1.64	+6	+5	+11	−27	+7	−5	+7	−33	+0	+10	0	0.71
*38442		07 52 31.10	+29 56 03.1	8.67		H	118.129 580 61	+29.934 197 08		3.22	−0.56	−0.23	1.15	0.75	1.31	1.32	0.99	−37	+34	−39	−7	−3	−22	−18	+9	−9	−24	0	−2.03
*38443		07 52 31.57	+50 10 09.7	9.29		H	118.131 524 71	+50.169 356 10		4.97	−25.30	−42.21	1.17	0.61	1.35	1.67	1.01	+27	+23	+27	+24	+12	+8	−3	−31	−21	+0	0	−0.30
*38444		07 52 33.48	+12 01 29.3	10.36		H	118.139 490 34	+12.024 792 34	B	−1.64	−4.10	−19.19	21.17	16.17	11.15	15.66	12.35	−2	+8	−32	−34	−26	−11	−34	+2	−11	+9	9	1.11
*38445		07 52 33.53	+12 01 09.7	10.23		H	118.139 711 02	+12.019 347 41	A	−1.10	−8.10	−5.56	6.92	5.27	5.35	6.83	5.61	−8	+20	−28	−33	−26	−14	−31	+3	−11	−4	9	1.11
*38446		07 52 33.97	−29 45 59.1	9.82		H	118.141 530 76	−29.766 404 12		−1.30	−4.49	2.98	0.80	1.04	1.51	1.07	1.11	+6	+3	−12	+6	−12	+24	−7	−18	+19	+7	1	2.73
*38447		07 52 35.93	+32 41 56.5	8.59		H	118.149 704 34	+32.699 034 86		1.95	10.65	−3.74	1.17	0.66	1.27	1.99	1.20	−8	+26	−6	−2	−7	−15	−6	−1	−1	+39	0	0.03
*38448		07 52 35.90	−40 46 39.5	9.70		H	118.149 597 24	−40.777 625 14		6.53	−12.65	−4.81	0.80	0.93	1.05	0.86	0.94	+5	+4	+14	−3	−8	−4	−9	−18	−1	−7	0	−0.12
*38449		07 52 36.45	+55 12 34.4	6.36		H	118.151 884 52	+55.209 545 89		7.41	−21.76	−42.20	0.49	0.39	0.67	0.66	0.55	+0	+19	−4	−14	−17	+0	−18	−23	−1	−7	0	1.24
38451		07 52 36.82	−44 22 06.9	9.63		G	118.153 405 14	−44.368 584 50		8.02	−22.10	23.47	0.84	0.88	1.04	1.00	0.92	−4	+0	+8	+11	+1	+15	−1	−5	+6	−10	0	−0.92
38453		07 52 37.93	−15 25 40.6	7.66		H	118.158 041 57	−15.427 954 27		1.51	−0.96	−0.88	0.56	0.53	0.88	0.67	0.75	−10	+20	−2	−24	−2	−25	−1	−11	+2	−31	1	1.05
38454		07 52 38.14	+71 47 03.2	7.47		H	118.158 928 28	+71.784 223 65		2.97	−2.37	−45.45	0.43	0.52	0.73	0.48	0.60	+26	+10	+4	−6	−18	+7	−15	−26	−1	+41	2	0.74
38455		07 52 38.65	−38 51 46.2	4.49	1	G	118.161 055 42	−38.862 822 06		5.09	−9.49	4.02	0.38	0.45	0.52	0.43	0.42	+2	+7	+19	+5	+1	−2	−2	−19	+10	−16	0	−0.39
38456		07 52 38.76	+31 22 04.2	10.42		H	118.161 480 82	+31.367 820 11		3.35	17.41	−1.84	1.70	0.95	1.63	2.83	1.74	+1	+14	−2	−34	−29	−15	−41	−5	+5	+38	0	0.52
38457		07 52 38.84	−19 47 14.4	8.27		H	118.161 825 09	−19.787 321 64		2.80	−8.02	4.22	0.64	0.55	0.98	0.67	0.51	+24	+24	+0	−16	+4	−17	+6	−34	+6	+38	0	−0.24
38458		07 52 40.06	+39 32 18.0	7.41		H	118.166 910 94	+39.538 332 56		4.97	−23.25	−26.05	0.94	0.42	0.96	1.31	0.76	−8	+28	+1	+15	−3	−3	+9	−20	+1	+25	0	−0.15
38459		07 52 41.70	−37 58 46.6	8.44		H	118.173 748 62	−37.979 602 04		9.04	19.43	−60.70	0.58	0.65	0.81	0.68	0.67	+1	+20	+13	+4	−12	−4	−10	−14	+9	−12	0	−0.70
38460	H	07 52 42.11	+03 23 02.0	7.11		H	118.175 451 15	+03.383 902 09	A	6.40	1.82	−24.18	2.48	1.65	2.39	2.60	2.02	+5	+20	−9	−20	−7	−13	−12	+2	−1	+13	0	0.66
*38461		07 52 42.31	−38 36 43.6	10.98	2	H	118.176 273 56	−38.612 104 83		−4.05	−2.61	−2.79	4.28	5.17	5.99	4.80	5.29	−3	+1	+15	−9	−1	−5	−1	−17	+10	−21	0	
*38462		07 52 42.27	−04 42 28.1	8.01		H	118.176 125 38	−04.707 812 39		3.90	−19.71	−51.42	1.08	0.79	1.21	1.37	0.95	+4	+25	−40	−14	−2	+2	−2	−6	+5	+29	3	1.24
38463	H	07 52 44.83	+62 47 20.9	9.78		H	118.186 784 66	+62.789 129 51	A	10.26	109.31	39.58	4.31	2.88	4.08	4.24	3.86	−18	+3	+3	−21	+13	−14	+20	−45	+4	−1	1	1.76
38464		07 52 44.98	−22 13 26.7	7.57		H	118.187 397 89	−22.224 073 13		2.32	−5.94	2.56	0.60	0.57	0.90	0.68	0.60	+16	+18	+6	−7	+6	−14	+8	−21	+0	+26	0	−1.11
38465		07 52 45.60	+18 49 37.4	8.41		G	118.189 987 83	+18.827 059 67		2.29	−12.22	−2.74	1.17	0.73	1.27	1.38	1.04	−42	+40	−25	−7	−22	−14	−24	−3	+12	−11	0	1.80
38466		07 52 45.75	−48 01 51.8	8.92	2	G	118.190 622 19	−48.031 046 93		0.73	−2.97	5.19	0.69	0.69	0.81	0.78	0.70	−4	+2	+3	+3	−11	+21	−11	−3	+0	−12	0	−0.72
38467		07 52 45.99	−28 44 16.6	9.81		G	118.191 645 26	−28.737 956 96		−1.52	−2.29	7.25	0.83	0.94	1.38	0.92	1.03	+11	+4	−1	+18	−6	−2	−8	−14	+4	+5	0	2.52
38468		07 52 46.14	+12 02 08.4	8.99		H	118.192 248 25	+12.035 674 17		3.60	14.60	1.63	1.34	1.10	1.57	1.57	1.24	−20	+23	−49	−24	−26	+2	−30	+16	+8	−2	0	−1.91
38469		07 52 46.19	+33 34 31.5	8.29		G	118.192 477 69	+33.575 407 18		3.90	−8.88	17.87	1.18	0.94	1.26	1.32	1.23	−29	+51	−1	−17	+11	−7	−14	−34	−34	−26	0	−0.34
38470		07 52 46.30	−25 06 07.1	8.27		H	118.192 925 30	−25.101 983 93		0.70	−2.89	1.87	0.51	0.75	1.02	0.53	0.79	−7	−7	−7	+32	+17	−15	+11	−29	+0	−17	2	1.08
38471		07 52 46.55	−41 18 45.6	8.64		H	118.193 974 24	−41.312 672 15		2.60	−23.50	19.66	0.66	0.71	0.82	0.72	0.70	+2	+18	+7	−22	+7	−4	+6	−29	+3	−14	1	0.59
38472		07 52 46.60	+08 00 37.6	9.69		H	118.194 183 84	+08.010 436 69		1.36	−7.98	−13.50	1.46	1.16	1.93	1.84	1.57	−9	+24	−37	−18	+24	−38	+1	+7	−43	+8	0	1.61
38473		07 52 47.19	+01 35 50.5	9.31	2	H	118.196 619 54	+01.597 358 25		8.40	−9.08	−2.28	1.50	1.24	1.73	1.94	1.70	−48	+54	−37	−20	−3	−39	−13	+27	+4	−43	0	−0.95
38474	H	07 52 47.87	−05 25 41.5	5.76		H	118.199 462 78	−05.428 186 93	*	24.45	−21.36	−28.80	1.15	0.55	0.95	1.14	0.82	−39	+28	−19	−25	+21	−22	+0	+0	−18	+20	2	0.73
38475		07 52 49.10	−36 54 43.6	8.15		H	118.204 585 31	−36.912 116 86		5.74	20.74	36.77	0.50	0.57	0.72	0.54	0.58	+0	−4	+7	+3	−5	−7	−6	−9	+7	−12	2	−1.89
38476		07 52 49.71	−39 21 14.9	9.19		H	118.207 106 28	−39.354 129 93		2.48	0.32	16.79	0.72	0.86	0.96	0.90	0.88	+4	+16	+13	−23	+2	−19	+1	−40	+5	−19	3	−0.97
38477		07 52 50.24	−50 31 18.1	7.10		H	118.209 328 36	−50.521 704 05		1.14	−3.78	5.91	0.48	0.53	0.57	0.53	0.55	+2	+19	+16	−5	−5	+4	−3	+12	−1	−13	0	−0.05
38478		07 52 50.90	−76 36 49.6	8.83		H	118.212 085 89	−76.613 775 22		5.83	−0.97	−26.50	0.71	0.63	0.72	0.85	0.71	−2	+22	+11	−5	−11	+3	−8	+16	+2	−12	1	0.48
38479	H	07 52 51.72	−07 58 17.0	9.27		H	118.215 481 25	−07.971 397 62	A	−1.23	−6.50	1.26	1.81	1.90	2.56	1.91	1.87	−55	+44	−52	−8	+15	−33	−17	+38	−23	−20	10	1.15
38480		07 52 51.79	+30 09 58.5	9.79		H	118.215 808 88	+30.166 254 05		6.91	−23.08	−33.10	1.52	0.98	1.68	1.75	1.32	−40	+29	−34	−15	−13	−19	−29	+14	−9	−21	0	−0.40
38481		07 52 52.13	−50 50 27.7	9.42		H	118.217 222 20	−50.841 018 68		−0.41	−0.69	−9.54	0.83	0.98	1.01	0.94	1.12	−3	+25	+9	−17	−2	−4	+1	+0	+1	−23	0	−0.29
38482		07 52 52.28	+62 53 06.8	8.11		H	118.217 849 62	+62.885 210 63		1.82	4.17	1.94	0.76	0.66	1.13	0.79	0.83	+16	+16	−13	+31	+29	−4	+39	+3	+22	+31	4	2.37
38483		07 52 52.39	−26 19 44.6	10.30		H	118.218 306 87	−26.329 066 44		0.84	−4.35	3.76	1.02	1.35	2.12	1.12	1.44	+1	+16	+17	+36	+11	+9	+6	−25	+9	−8	0	1.32
*38484		07 52 53.22	+40 11 15.1	8.99		H	118.221 732 35	+40.187 538 11		9.75	27.10	−19.91	1.31	0.61	1.32	1.90	1.11	+7	+23	−7	+0	−12	+18	−6	−15	+16	+41	0	−0.33
*38485		07 52 52.88	+83 46 51.6	9.97		H	118.220 332 03	+83.780 998 79		7.66	−9.70	−135.17	0.89	0.96	1.14	1.04	1.04	+16	+23	+8	+26	+18	+15	+16	+1	−6	+21	0	0.14
38486		07 52 53.78	−65 01 52.1	8.33		H	118.224 064 57	−65.031 126 02		2.55	9.68	20.74	0.61	0.72	0.73	0.56	0.88	−11	+5	+6	−25	−24	+3	−14	+18	−9	−48	0	1.35
38487		07 52 54.18	−28 47 13.5	9.50		H	118.225 737 67	−28.787 095 86		3.22	−4.38	3.76	0.72	0.92	1.31	0.83	0.98	+14	+1	−7	+14	−4	+7	−4	−7	+18	+8	0	0.26
38488		07 52 55.36	+44 39 05.4	10.11		H	118.230 671 49	+44.651 498 38		4.62	−16.37	−7.48	1.87	0.80	1.60	3.22	1.44	+11	+7	+20	−42	+1	+10	−1	−49	−23	+23	0	−0.13
38489		07 52 55.47	+64 54 13.2	7.45		H	118.231 105 91	+64.903 675 45		−0.49	−9.96	−10.74	0.76	0.65	1.01	0.79	0.81	+10	+27	+12	+5	+16	+8	+22	−3	+17	+22	9	2.76
38490		07 52 57.85	−01 26 14.4	8.38		H	118.241 061 64	−01.437 320 83		5.49	0.47	8.79	1.05	0.81	1.18	1.38	0.98	−16	+27	−38	−15	+14	−7	+11	−16	−1	+14	0	1.05
38491		07 52 59.00	+06 41 54.0	8.41		G	118.245 853 11	+06.698 340 21		4.37	−13.75	−16.00	1.10	0.80	1.23	1.22	0.94	+4	−7	−29	−25	−16	−25	−27	+8	−3	+2	0	0.84
38492		07 52 59.66	+22 33 23.5	10.94		G	118.248 579 13	+22.556 530 22		29.96	−91.60	−59.44	2.01	1.41	2.20	2.20	1.58	−41	+20	−22	−14	−3	−14	−4	−19	+19	−59	0	−0.59
38493		07 53 00.06	−14 03 28.6	7.54		H	118.250 265 70	−14.057 949 86		3.25	−13.28	−9.86	0.98	0.64	1.10	1.06	0.80	−11	+35	−14	+32	+5	−11	−9	+3	−17	−6	0	1.88
38494	H	07 53 00.40	−33 17 49.3	7.69		H	118.251 660 82	−33.297 039 55	A	3.82	−15.84	9.78	1.47	1.49	1.02	0.77	0.76	+10	−3	+11	−1	+5	+18	+1	−13	+10	−11	2	−0.30
38495		07 53 01.01	+22 20 04.3	7.05		H	118.254 213 49	+22.334 537 07		2.52	−3.32	−2.99	0.80	0.50	0.88	0.83	0.59	−30	+42	−13	−7	−17	−19	−12	−2	+17	−49	0	0.89
38496		07 53 01.81	−01 04 51.2	8.69		H	118.257 532 50	−01.080 900 12		2.70	−5.78	−3.41	1.22	0.98	1.44	1.62	1.12	−15	+18	−40	−7	+11	−19	+2	+1	−9	+15	0	1.71
*38497		07 53 03.51	−36 21 49.6	5.44		H	118.264 642 97	−36.363 773 87		4.31	−10.82	1.82	0.37	0.41	0.52	0.39	0.39	+12	−1	+6	+11	−6	+0	−7	−11	+15	+2	1	−2.81
*38498		07 53 03.51	−22 21 54.5	9.69		H	118.264 613 45	−22.365 126 84		0.15	−1.14	1.38	0.98	0.93	1.43	1.17	0.96	+14	+16	+13	+13	+22	−4	+24	−11	+0	+32	0	0.30
38499		07 53 03.57	−43 58 49.4	8.64		H	118.264 856 75	−43.980 401 55		2.69	8.00	3.34	0.72	0.76	0.92	0.78	0.71	+4	+15	+22	+6	+9	+27	+0	−22	−4	−9	0	0.32
38500		07 53 03.64	−49 36 47.1	4.63		H	118.265 176 55	−49.613 079 49		4.53	−8.44	14.65	0.47	0.44	0.52	0.52	0.40	+10	+19	+9	+14	−13	+14	−12	−1	−3	+4	0	−0.63

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
38401	9.303	0.019	8.718	0.018		0.523	0.005	G	0.60	0.01	H	8.7404	0.0020	0.020	125		8.71	8.79					1							G
38402	8.387	0.009	8.388	0.012		0.007	0.005	G	0.03	0.01	H	8.3895	0.0019	0.016	112		8.37	8.42					1							
38403	6.747	0.004	6.524	0.005		0.213	0.006	T	0.24	0.01	L	6.5704	0.0007	0.008	106		6.56	6.59		C			1							S
38404	8.807	0.011	7.279	0.006		1.284	0.010	T	1.24	0.01	L	7.3096	0.0011	0.011	128		7.29	7.32					1							S
38405	8.674	0.013	8.173	0.012		0.438	0.015	G	0.51	0.02	H	8.2464	0.0013	0.010	75		8.23	8.27					1 G							S
38406	8.261	0.015	6.540	0.010		1.464	0.015	T	2.70	0.04	O	6.2747	0.0087	0.047	40		6.21	6.39	34.13	P 1 A			1 S							S
38407	7.545	0.006	7.411	0.007		0.121	0.009	T	0.14	0.01	L	7.4401	0.0012	0.010	109		7.42	7.45		C			1 G							S
38408	8.305	0.010	8.408	0.013		−0.089	0.015	T	−0.07	0.02	L	8.4076	0.0014	0.014	116		8.38	8.43		C			1							
38409	9.018	0.016	7.096	0.007		1.630	0.014	T	1.79	0.05	O	7.0126	0.0024	0.014	95		6.99	7.04		M			1							S
38410	7.257	0.012	6.947	0.010	*	0.276	0.015	G	0.31	0.02	H *	7.0139	0.0007	0.008	57	*	7.00	7.03		D	07521−0303	I 1	2 C A	AB	354	2.754	0.009	2.03	0.05	S
38411	9.798	0.024	9.379	0.024		0.396	0.031	T	0.46	0.03	L	9.4451	0.0023	0.021	91		9.41	9.48					1							
38412	8.910	0.009	8.570	0.009		0.323	0.012	T	0.37	0.02	L	8.6268	0.0014	0.015	188		8.61	8.66					1							S
38413	10.723	0.046	9.740	0.031		0.849	0.043	T	0.86	0.03	L	9.7697	0.0020	0.020	103		9.74	9.80		C			1							G
38414	5.026	0.002	3.829	0.002		1.012	0.043	G	1.04	0.02	A	3.8645	0.0003	0.004	127		3.86	3.87					1 G							S D
38415	8.712	0.011	8.342	0.011		0.351	0.014	T	0.41	0.01	L	8.3885	0.0017	0.013	111		8.37	8.41		C			1							
38416	7.443	0.007	7.443	0.009	*	0.013	0.003	G	0.03	0.00	H *	7.4872	0.0022	0.019	107	*	7.46	7.51	4.01	P 1 A	07522−5937	I 1	2 C A	AB	327	5.075	0.009	2.25	0.04	S
38417	10.631	0.029	9.022	0.013		1.348	0.025	T	1.31	0.03	L	9.0451	0.0019	0.025	178		9.01	9.09					1							
38418	9.439	0.020	9.228	0.023		0.202	0.029	T	0.22	0.03	L	9.2495	0.0025	0.020	133		9.21	9.29					1							
38419	8.780	0.010	8.427	0.010		0.318	0.001	G	0.37	0.00	H	8.4778	0.0015	0.015	148		8.45	8.50		C			1							S
38420	7.384	0.006	7.499	0.008		−0.100	0.009	T	−0.08	0.01	L	7.4970	0.0008	0.008	114		7.48	7.51		C			1							S
38421	11.553	0.114	11.462	0.168		0.000	0.015	G	0.02	0.01	H	11.5696	0.0067	0.051	104		11.48	11.64					1							G
38422	7.739	0.007	7.118	0.007		0.589	0.001	G	0.66	0.00	H	7.1790	0.0012	0.009	94		7.16	7.20		C			1 G							S
38423	5.606	0.006	5.104	0.004	*	0.470	0.022	G	0.56	0.02	A *	5.1108	0.0006	0.005	149	*	5.10	5.12		D	07523−3442	I 1	2 C A	AB	269	3.686	0.010	3.31	0.05	S
38424	10.345	0.028	9.656	0.023		0.624	0.027	T	0.69	0.02	L	9.7621	0.0027	0.034	170		9.70	9.82					1							G
38425	8.657	0.012	8.740	0.016		−0.052	0.011	G	−0.03	0.01	H	8.7353	0.0014	0.018	119		8.71	8.76		C			1							
38426	8.978	0.009	8.984	0.011		−0.001	0.013	T	0.02	0.01	L	9.0107	0.0017	0.023	218		8.97	9.06					1							
38427	6.141	0.005	5.733	0.004		0.368	0.007	G	0.50	0.03	C	5.7850	0.0008	0.005	69		5.77	5.80		C			1 G							S
38428	8.546	0.009	8.271	0.010		0.262	0.013	T	0.29	0.02	L	8.3318	0.0010	0.013	115		8.30	8.35					1							S
38429	9.856	0.019	9.804	0.026	A	0.100	0.015	G	0.11	0.02	H	9.8679	0.0181	0.036	165	A	9.81	9.93			07523−2938	I 1	2 C A	AB	29	15.786	0.041	2.08	0.13	G
38430	9.423	0.017	9.213	0.020		0.222	0.014	G	0.24	0.02	H	9.2537	0.0050	0.043	140		9.19	9.32	0.51	P 1 A			1 S							D
38431	9.989	0.024	9.557	0.025		0.422	0.028	T	0.49	0.03	L	9.5460	0.0020	0.019	96		9.51	9.58					1							
38432						0.350	0.020	G	0.41	0.03	R *	11.3921	0.0168	0.133	117	*	11.23	11.66		U 2	07524−3833	H 1	2 C C	AB	37	1.056	0.072	1.29	0.12	D P
38433	7.960	0.009	7.874	0.009		0.078	0.012	T	0.09	0.01	L	7.8892	0.0014	0.011	100		7.87	7.91		C			1							S
38434	7.867	0.012	7.965	0.013		−0.078	0.002	G	−0.06	0.00	H	7.9723	0.0013	0.006	52		7.96	7.98					1							S
38435	10.312	0.040	10.131	0.054		0.090	0.015	G	0.10	0.02	H	10.2053	0.0040	0.032	108		10.13	10.26					1							G
38436	8.024	0.009	6.739	0.005		1.084	0.015	G	1.14	0.06	F	6.7736	0.0010	0.008	89		6.76	6.79		C	07525−1352	I 1	1 S							S
38437	9.446	0.016	7.533	0.007		1.588	0.014	T	1.61	0.01	L	7.4600	0.0017	0.014	123		7.44	7.49		M			1							S
38438	5.491	0.003	5.664	0.003		−0.151	0.004	T	−0.15	0.01	L	5.6423	0.0011	0.009	103		5.63	5.66	0.12	P 1 A			1							S P
38439	8.992	0.012	9.088	0.017		−0.082	0.003	G	−0.06	0.00	H	9.0687	0.0031	0.035	130		9.01	9.12		U 2			1							
38440	8.317	0.007	8.339	0.009		−0.018	0.010	T	0.00	0.01	L	8.3516	0.0014	0.014	168		8.33	8.39					1							
38441											T	12.2948	0.0551	0.438	171		11.72	12.83	2.02	P 1 A			1 S							D
38442	8.636	0.013	8.668	0.017		−0.025	0.020	T	0.00	0.02	L	8.6711	0.0024	0.017	84		8.65	8.71		C			1							S
38443	9.823	0.020	9.310	0.019		0.482	0.025	T	0.55	0.03	L	9.3943	0.0015	0.019	132		9.37	9.43		C			1							
38444	10.424	0.052	10.156	0.063	B	0.468	0.072	G	0.54	0.08	R	10.5444	0.0534			B				D	07526+1201	I 2	1 C I A							
38445	10.372	0.046	10.119	0.054	A	0.241	0.067	T	0.27	0.08	L	10.2973	0.0476	0.150	46	A	10.03	10.42		D	07526+1201	I 2	1 C P A							G
38446	9.810	0.021	9.778	0.028		0.030	0.015	G	0.05	0.01	H	9.8398	0.0028	0.035	167		9.78	9.91					1							G
38447	10.104	0.032	8.720	0.018		1.171	0.029	T	1.13	0.03	L	8.7521	0.0015	0.016	76		8.73	8.78		C			1							
38448	10.443	0.045	9.812	0.039		0.582	0.044	T	0.65	0.04	L	9.8278	0.0025	0.023	143		9.78	9.86		C			1							G
38449	6.350	0.003	6.356	0.004		−0.003	0.002	G	0.02	0.00	H	6.3704	0.0008	0.008	151		6.36	6.38		C			1							S
38451	10.205	0.025	9.703	0.025		0.530	0.020	G	0.60	0.02	H	9.7445	0.0026	0.022	111		9.70	9.78					1							G
38453	7.621	0.007	7.648	0.009		−0.020	0.010	T	0.00	0.01	L	7.6621	0.0009	0.011	124		7.64	7.68					1							S
38454	9.080	0.010	7.607	0.005		1.241	0.009	T	1.20	0.01	L	7.6358	0.0010	0.012	193		7.62	7.66					1							S
38455	4.265	0.003	4.462	0.003		−0.188	0.008	G	−0.18	0.02	A	4.4289	0.0022	0.018	112		4.40	4.46	1.11	P 1 A			1							S
38456	11.197	0.077	10.497	0.064		0.645	0.082	T	0.71	0.07	L	10.5535	0.0037	0.026	76		10.50	10.58		C			1							G
38457	8.126	0.007	8.253	0.009		−0.109	0.010	T	−0.09	0.01	L	8.2401	0.0013	0.017	167		8.21	8.28		C			1							
38458	7.733	0.009	7.438	0.007		0.309	0.015	G	0.35	0.02	H	7.4874	0.0015	0.012	118		7.47	7.51					1							S
38459	9.708	0.018	8.552	0.012		0.993	0.017	T	0.97	0.01	L	8.6107	0.0011	0.011	130		8.59	8.63					1							
38460	7.385	0.010	7.182	0.016	*	0.194	0.018	T	0.21	0.02	L *	7.1754	0.0015	0.006	48	*	7.16	7.19		D	07527+0323	I 1	2 C A	AB	15	0.979	0.003	0.09	0.01	S
38461	11.234	0.098	10.523	0.083		0.654	0.104	T	0.72	0.09	L	11.0512	0.0089	0.067	114		10.94	11.13		U			1 X S							D
38462	9.531	0.029	8.127	0.017		1.187	0.026	T	1.15	0.02	L	8.1753	0.0015	0.009	50		8.16	8.19		C			1							
38463	10.974	0.051	9.982	0.033	*	0.868	0.045	T	0.88	0.03	L *	9.9345	0.0035	0.036	133	*	9.87	9.99		R	07528+6247	I 1	2 C A	AB	295	0.726	0.005	0.34	0.02	
38464	9.623	0.017	7.723	0.007		1.578	0.015	T	1.60	0.01	L	7.6915	0.0008	0.015	131		7.67	7.72		D			1							
38465	8.753	0.013	8.436	0.014		0.296	0.015	G	0.34	0.02	H	8.4855	0.0019	0.017	88		8.46	8.51		C			1 G							
38466	8.946	0.027	8.879	0.034		−0.018	0.015	G	0.00	0.01	H	8.9368	0.0040	0.031	101		8.90	8.99		U 2			1							
38467	9.794	0.015	9.791	0.022		−0.025	0.005	G	0.00	0.01	H	9.8274	0.0028	0.030	179		9.78	9.88					1							G
38468	9.078	0.020	8.958	0.024		0.116	0.029	T	0.13	0.03	L	9.0311	0.0024	0.014	50		9.01	9.06		C			1							S
38469	8.213	0.009	8.272	0.012		−0.036	0.003	G	−0.01	0.00	H	8.2823	0.0014	0.010	83		8.26	8.30					1 G							S
38470	8.260	0.006	8.266	0.008		0.007	0.003	G	0.03	0.00	H	8.2781	0.0014	0.017	199		8.25	8.31		C			1							
38471	10.040	0.022	8.758	0.013		1.091	0.020	T	1.05	0.02	L	8.8098	0.0017	0.017	132		8.78	8.83		C			1							
38472	11.357	0.131	9.846	0.056		1.271	0.112	T	1.23	0.12	L	9.8529	0.0032	0.020	36		9.82	9.89					1							G
38473	9.735	0.052	9.406	0.055		0.250	0.130	G	0.29	0.01	A	9.3771	0.0408	0.131	37		9.28	9.60	0.12	P 1 A			1							P
38474	6.248	0.004	5.812	0.004	*	0.412	0.006	T	0.48	0.01	L *	5.8573	0.0007	0.005	64	*	5.85	5.87		D	07528−0526	I 1	2 C A	BA	19	0.151	0.005	1.13	0.16	S
38475	9.544	0.016	8.297	0.010		1.064	0.015	T	1.03	0.01	L	8.3192	0.0012	0.012	135		8.30	8.35		C			1							
38476	10.505	0.037	9.349	0.023		0.993	0.034	T	0.97	0.03	L	9.3492	0.0022	0.017	108		9.32	9.39		C			1							
38477	7.116	0.005	7.105	0.007		0.011	0.008	T	0.03	0.01	L	7.1137	0.0009	0.009	110		7.10	7.13					1							S
38478	9.305	0.013	8.872	0.013		0.423	0.015	T	0.49	0.02	L	8.9259	0.0016	0.016	114		8.90	8.96		C			1							
38479	9.315	0.023	9.207	0.031	*	0.105	0.036	T	0.12	0.04	L *	9.3128	0.0027	0.017	91	*	9.29	9.35		D	07529−0758	I 1	2 C D	AB	253	8.209	0.014	2.34	0.07	D
38480	10.445	0.044	9.861	0.040		0.545	0.053	T	0.62	0.05	L	9.9079	0.0036	0.027	79		9.87	9.96		C			1							
38481	10.888	0.043	9.591	0.022		1.103	0.038	T	1.07	0.04	L	9.5882	0.0023	0.020	118		9.54	9.62		C			1							
38482	9.349	0.015	8.223	0.010		0.969	0.014	T	0.95	0.01	L	8.2721	0.0020	0.019	138		8.24	8.31					1							S
38483	10.422	0.041	10.340	0.057		0.160	0.015	G	0.18	0.01	H	10.3506	0.0042	0.039	138		10.28	10.40					1							D
38484	9.598	0.021	9.080	0.020		0.486	0.026	T	0.56	0.03	L	9.0955	0.0024	0.020	121		9.06	9.13		C			1							
38485	10.732	0.043	10.059	0.038		0.623	0.048	T	0.69	0.04	L	10.0961	0.0023	0.026	119		10.05	10.13		C			1							
38486	9.672	0.024	8.435	0.014		1.056	0.022	T	1.02	0.02	L	8.4974	0.0012	0.012	90		8.48	8.52		C			1							
38487	9.490	0.015	9.568	0.021		0.300	0.015	G	0.34	0.02	H	9.5721	0.0025	0.030	180		9.52	9.62					1							G
38488	10.809	0.061	10.169	0.053		0.594	0.070	T	0.66	0.07	L	10.2328	0.0020	0.020	100		10.19	10.28					1							G
38489	9.466	0.016	7.616	0.008		1.538	0.014	T	1.59	0.03	L	7.5641	0.0064	0.041	117		7.50	7.62		R	07529+6454	I 1	1 S							S
38490	8.497	0.015	8.389	0.018		0.095	0.015	G	0.07	0.01	L	8.4033	0.0015	0.015	49		8.38	8.43					1							
38491	9.093	0.020	8.478	0.018		0.559	0.015	G	0.63	0.01	H	8.5256	0.0021	0.014	55		8.50	8.56					1							
38492						1.510	0.015	G	2.15	0.12	I	11.0669	0.0040	0.040	85		11.00	11.11		C			1							G
38493	9.021	0.018	7.659	0.011		1.154	0.017	T	1.12	0.01	L	7.7087	0.0014	0.011	78		7.70	7.73		C	07530−1404	I 1	1 G							
38494	7.894	0.008	7.717	0.008	*	0.170	0.010	T	0.19	0.01	L *	7.7504	0.0013	0.015	148	*	7.73	7.78		D	07530−3318	I 1	2 C A	AB	70	0.343	0.002	0.23	0.02	S
38495	8.339	0.010	7.150	0.007		1.018	0.010	T	0.99	0.01	L	7.2148	0.0011	0.007	83		7.21	7.23		C			1							S
38496	9.871	0.038	8.803	0.026		0.925	0.035	T	0.92	0.03	L	8.8494	0.0035	0.016	44		8.82	8.88					1							
38497	6.927	0.004	5.555	0.002		1.161	0.005	G	1.03	0.04	E	5.6090	0.0006	0.006	140		5.60	5.62		C			1							S
38498	9.673	0.020	9.724	0.029		0.000	0.020	G	0.02	0.02	H	9.6970	0.0034	0.034	129		9.64	9.75					1							G
38499	10.684	0.043	8.819	0.016		1.550	0.036	T	1.62	0.05	L	8.7554	0.0023	0.017	104		8.73	8.78					1 S							
38500	4.344	0.002	4.588	0.002		−0.228	0.012	G	−0.24	0.02	A	4.5444	0.0005	0.004	95		4.54	4.55		C			1							S

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
38501		07 53 04.69	+20 10 43.1	8.44		H	118.269 531 02	+20.178 650 97		1.38	−1.33	−13.41	0.96	0.62	1.06	1.04	0.70	−33	+34	−19	+3	−22	−21	−22	+7	+10	−48	0	0.11
38502		07 53 05.27	−11 37 29.3	7.52	2	H	118.271 970 82	−11.624 801 44	*	3.01	−2.96	−8.25	1.83	1.03	1.11	1.07	0.98	+74	+23	+9	+4	+12	−21	−4	−17	+13	−5	0	−0.58
38503		07 53 05.40	+15 22 38.6	7.97		H	118.272 487 72	+15.377 394 48		3.91	−12.21	−4.52	0.99	0.53	1.01	1.10	0.57	−33	+18	−10	−33	+2	−16	+4	−31	+10	−50	2	1.00
38504		07 53 05.61	−52 40 29.2	7.72		H	118.273 370 37	−52.674 773 02		3.36	0.14	12.23	0.61	0.66	0.67	0.67	0.75	+18	+1	−8	−30	−19	+3	−17	−17	+18	+5	0	0.70
38505		07 53 05.72	+07 29 00.5	8.60		H	118.273 821 51	+07.483 458 79		−0.36	0.28	1.13	1.15	0.94	1.36	1.48	1.06	−21	+28	−43	−35	+15	−32	−2	−16	−7	+7	0	0.69
38506		07 53 07.07	+17 41 25.1	9.45		H	118.279 461 98	+17.690 319 04		2.39	−3.73	−5.05	1.31	0.82	1.45	1.49	0.86	−31	+27	−8	−2	−8	−23	−9	−22	+17	−56	0	−0.43
38507		07 53 09.37	+37 43 29.4	9.47		H	118.289 027 12	+37.724 830 68		4.48	−17.87	6.32	1.44	0.66	1.52	1.76	1.32	−25	+48	−7	−5	+6	−2	+15	−30	+7	−3	0	−1.00
38508		07 53 11.60	−52 45 59.6	9.34		H	118.298 339 93	−52.766 548 76		6.91	−12.55	96.85	0.92	0.99	1.02	1.00	1.19	+21	+3	−6	−33	−20	+7	−17	−11	+20	+13	0	−0.68
38509		07 53 11.80	−49 46 17.5	8.39		H	118.299 147 17	−49.771 534 20		1.08	−2.83	7.11	0.77	0.69	0.84	0.87	0.67	+8	+27	+15	+25	+1	+14	−5	+4	−10	−7	2	0.03
38510		07 53 11.89	−45 13 07.5	8.47		H	118.299 529 08	−45.218 759 20		1.64	−5.92	7.10	0.57	0.57	0.67	0.64	0.56	+1	+10	+3	+3	−11	+2	−10	−15	+8	−3	0	0.36
38511		07 53 12.91	+68 02 42.7	9.37	1	H	118.303 802 49	+68.045 189 84		−0.01	−0.68	−2.41	0.74	0.87	1.28	0.65	1.16	+19	+19	+2	−54	−24	−5	−30	−18	+5	+20	2	1.14
38512		07 53 13.63	−34 56 18.7	6.64		H	118.306 773 06	−34.938 540 86		1.92	−6.91	5.34	0.42	0.49	0.64	0.47	0.51	+10	−4	+2	+11	−1	+13	−2	−12	+8	+10	0	−0.69
38513		07 53 14.06	+32 12 04.7	8.34		H	118.308 563 86	+32.201 309 13		13.73	−100.23	−46.80	1.06	0.60	1.08	1.53	1.02	−2	+12	−3	−26	−22	−1	−30	−3	+14	+31	0	0.03
38514		07 53 14.36	+17 40 51.5	10.15	2	H	118.309 827 10	+17.680 965 04		17.95	−86.07	−209.92	1.63	1.04	1.82	1.91	1.10	−39	+20	+2	−3	−11	−27	−9	−19	+17	−61	0	−0.41
38515		07 53 15.45	+01 58 26.7	8.51		H	118.314 359 90	+01.974 080 83		5.01	−8.42	−1.88	1.28	1.25	1.39	1.69	1.73	−38	+4	−11	+9	−33	−19	−36	+47	−5	−41	0	0.28
38516		07 53 15.99	−34 02 20.0	7.36	1	H	118.316 604 35	−34.038 899 34		2.84	−5.76	4.98	0.52	0.60	0.78	0.63	0.59	+16	+10	+25	+19	+12	+7	+7	−12	+4	+6	0	−0.04
38517		07 53 15.99	+15 35 56.6	8.34		H	118.316 629 59	+15.599 058 44		3.32	−11.61	−20.45	1.08	0.57	1.07	1.20	0.60	−29	+20	−13	−34	+4	−1	+6	−37	+5	−52	0	0.87
38518		07 53 18.16	−48 06 10.6	4.22	1	H	118.325 678 62	−48.102 948 24		1.68	−4.90	5.89	0.46	0.40	0.50	0.53	0.38	−1	+7	+6	+8	−4	+12	−4	−2	+3	−9	2	−1.12
38519		07 53 18.30	+15 43 08.3	8.26		H	118.326 265 71	+15.718 961 27		4.66	3.45	−12.55	1.27	0.63	1.21	1.29	0.65	−40	+35	−20	−47	+13	−11	+15	−40	+7	−54	2	1.61
38520		07 53 19.09	−15 51 45.4	8.64		G	118.329 529 70	−15.862 622 83		0.17	−3.30	−0.29	0.75	0.73	1.09	0.91	1.03	−29	+18	−1	−10	−2	−15	−4	−4	−8	−48	0	0.82
*38521	H	07 53 19.17	−62 18 57.5	8.96		H	118.329 869 54	−62.315 985 47	A	8.08	−29.59	26.56	1.56	1.92	1.22	1.31	1.44	−5	−2	+13	+4	−6	−9	−13	−12	+7	−16	1	0.02
*38522		07 53 19.16	+51 18 12.7	8.16		G	118.329 831 55	+51.303 528 78		15.40	−48.19	−22.66	0.76	0.52	0.97	0.94	0.69	+6	+27	−4	−18	−14	+5	−15	−20	−3	−3	0	0.50
38523		07 53 19.75	−03 02 31.2	9.30	3	H	118.332 295 36	−03.041 990 83		2.73	−4.53	2.83	1.16	0.90	1.25	1.52	1.13	+4	+12	−24	−29	−14	−5	−18	−11	−14	+18	0	0.97
38524		07 53 20.01	+14 55 02.4	7.90		G	118.333 384 84	+14.917 329 36		2.75	−3.20	10.76	0.97	0.52	1.04	1.10	0.56	−34	+38	−20	−22	+2	−5	+5	−30	+8	−37	0	1.63
38525		07 53 21.06	+28 03 07.3	6.92		G	118.337 768 16	+28.052 022 93		4.10	1.05	−13.65	0.71	0.49	0.82	0.80	0.55	−28	+23	−24	−6	+4	−24	−3	−11	−2	−27	2	−1.19
38526	H	07 53 21.16	−52 39 13.6	9.50		G	118.338 151 81	−52.653 785 45	A	9.43	83.83	25.14	6.70	4.31	1.70	1.62	1.87	−25	+3	+1	−19	−13	+1	−9	+4	+21	−3	1	−0.49
38527	H	07 53 22.88	+45 44 28.8	7.36		H	118.345 320 84	+45.741 340 07	A	4.69	15.45	7.86	1.25	0.74	1.33	1.75	0.99	−17	+22	−13	+13	−17	+3	−11	−21	+18	−9	1	−0.57
38528		07 53 23.18	+20 50 14.3	9.81		H	118.346 566 72	+20.837 311 31	B	8.35	−38.24	4.33	7.82	5.45	7.43	9.96	5.79	−25	+24	−4	−11	−31	−24	−31	+13	+7	−35	18	1.18
38529		07 53 24.20	+20 50 12.8	9.72		H	118.350 853 51	+20.836 880 51	A	−14.88	12.64	−5.74	9.58	6.27	6.12	7.47	4.95	−35	+29	−11	−6	−22	−20	−24	+13	+6	−34	18	1.18
38530		07 53 24.26	+39 28 55.1	7.51		H	118.351 084 32	+39.481 959 95		4.43	−15.05	−37.09	1.01	0.47	1.08	1.61	0.95	−5	+28	−12	−5	−14	+24	−4	−20	+20	+42	0	−3.05
38531		07 53 24.86	−35 37 05.8	9.22		H	118.353 584 71	−35.618 286 30		18.20	−22.91	71.97	0.72	0.84	1.04	0.83	0.93	+8	−8	+1	+16	−18	+1	−17	−19	+8	+9	0	−0.56
38532		07 53 25.59	+32 35 43.6	10.35		H	118.356 628 91	+32.595 436 54		2.11	−16.27	−10.46	1.94	1.21	2.19	2.88	1.96	−17	+20	−22	−11	−8	+8	−5	−20	−3	+17	3	−2.07
38533		07 53 25.97	+16 50 45.6	7.42		H	118.358 191 34	+16.845 994 45		6.43	−4.06	−6.13	0.86	0.48	0.93	0.91	0.46	−35	+39	−18	−13	−4	−22	−1	−33	+21	−59	0	1.33
38534		07 53 27.58	−75 46 03.7	12.02		H	118.364 920 94	−75.767 693 07		−0.35	3.72	−11.84	1.94	1.83	2.02	2.19	2.14	+0	+7	+4	+10	−11	+13	−13	−6	+7	−9	1	0.98
38535		07 53 28.30	−29 49 26.8	8.08		H	118.367 933 33	−29.824 124 81		5.00	7.31	−13.01	0.54	0.74	1.02	0.72	0.74	+6	−1	−22	−1	−18	+23	−11	−25	+25	+9	1	0.00
38536		07 53 29.25	−61 03 16.2	7.84		H	118.371 859 44	−61.054 513 77		2.18	−3.77	10.85	0.56	0.55	0.60	0.59	0.63	−5	−6	+11	+10	−11	+14	−15	+4	+8	−15	0	0.76
38537		07 53 29.41	−83 43 18.7	8.18		H	118.372 529 75	−83.721 848 64		5.88	−11.92	35.34	0.62	0.56	0.64	0.74	0.69	−4	+16	+4	+27	−5	+15	−7	+15	−8	−8	1	1.86
38538		07 53 29.84	+26 45 57.1	4.97		G	118.374 318 74	+26.765 858 58	+	12.82	−34.02	−31.17	0.96	0.57	0.94	0.89	0.85	−37	+62	−20	−22	+12	−19	+11	−41	−3	−20	2	0.68
38539		07 53 30.82	−62 57 33.3	10.20		H	118.378 418 92	−62.959 240 56		12.80	−60.11	267.57	1.26	1.25	1.39	1.67	1.41	−1	+7	+17	−2	−18	−23	−13	−7	+26	−34	0	0.29
*38540	H	07 53 32.74	−28 44 07.1	10.36		G	118.386 427 64	−28.735 318 41	A	−2.10	−1.20	0.92	13.60	8.16	8.08	13.90	6.59	+31	−10	+4	−68	−28	+12	−27	−71	+8	+22	15	0.36
*38541		07 53 32.64	+30 36 34.3	8.27		H	118.386 009 20	+30.609 529 19		35.29	705.00	−1834.55	1.02	0.63	1.04	1.15	0.90	−14	+17	−19	−14	−28	+4	−32	+10	+3	−14	0	1.11
38542	H	07 53 33.23	−63 46 11.6	8.98		H	118.388 442 11	−63.769 893 12	*	3.48	−0.61	13.07	1.57	1.51	1.27	1.53	1.40	−16	+15	+5	−2	+2	−15	+4	+1	+17	−18	1	−0.33
38543		07 53 33.29	−29 44 03.5	8.96		H	118.388 717 74	−29.734 311 76		5.29	−29.68	1.86	0.72	0.96	1.27	0.92	0.96	+9	−1	−22	−7	−15	+18	−11	−30	+15	+7	0	1.45
38544		07 53 33.64	−36 56 10.1	7.58		H	118.390 173 29	−36.936 139 47		8.27	−43.56	30.35	0.46	0.49	0.64	0.48	0.48	+0	−1	+2	−1	+1	−15	−1	−14	+17	−15	1	−1.04
38545		07 53 35.26	−27 16 50.6	8.07		H	118.396 897 91	−27.280 709 23		0.96	−6.10	6.47	0.38	0.62	0.98	0.44	0.63	+21	−9	−1	+16	+11	+5	+8	−4	+11	+15	0	0.31
38546		07 53 36.19	+39 04 46.0	10.24		H	118.400 787 54	+39.079 440 18		3.55	−4.40	−14.22	1.77	0.84	1.84	2.28	1.54	−13	+35	+1	+5	−9	+7	−9	−9	+0	+8	0	−0.23
38547		07 53 37.01	+10 41 13.6	7.96		H	118.404 219 86	+10.687 118 62		4.82	−38.78	−66.04	1.00	0.85	1.18	1.23	1.09	−35	+27	−19	+10	−26	−43	−36	+50	+3	−38	0	1.18
38548		07 53 38.21	−26 14 02.6	9.39		G	118.409 189 47	−26.234 065 44		1.09	−1.31	3.55	0.81	0.97	1.56	0.89	1.08	+1	+13	+2	+37	+7	−4	+4	−14	+9	−8	0	−1.05
38549		07 53 38.36	−57 20 56.7	9.07		H	118.409 836 27	−57.349 077 66		0.95	−3.74	11.13	0.63	0.73	0.72	0.70	0.83	−9	−1	−2	+16	−2	+0	−5	−8	+7	−24	0	1.21
38550	H	07 53 38.40	−27 27 49.5	8.59		H	118.409 989 60	−27.463 758 08	A	11.40	43.66	−53.65	0.76	1.09	1.66	0.81	1.06	+18	−8	+1	+18	+13	+1	+13	+3	+0	+5	1	−0.44
38551		07 53 38.56	−23 18 49.4	6.95	1	H	118.410 658 95	−23.313 724 60		2.52	−8.61	2.15	0.56	0.51	0.79	0.60	0.53	+14	+24	+6	−13	+6	+7	+9	−23	+14	+28	0	−1.26
38552		07 53 39.03	−40 47 14.7	8.23		H	118.412 625 90	−40.787 416 02		1.36	−3.20	4.65	0.58	0.62	0.75	0.59	0.62	+1	+7	+14	−3	−2	−1	−2	−7	+11	−9	0	−1.40
38553		07 53 40.08	−23 11 14.1	7.22		H	118.417 015 16	−23.187 240 53		4.92	−17.20	6.12	0.59	0.53	0.82	0.66	0.56	+13	+15	+6	−6	+9	+2	+12	−24	+6	+30	1	−0.03
38554		07 53 40.31	−26 26 51.2	9.95		G	118.417 978 39	−26.447 556 38		0.11	0.39	−5.84	0.96	1.11	1.73	1.00	1.26	−7	−2	−6	+33	+4	+7	+6	−13	+13	−1	0	0.40
38555		07 53 40.67	−19 31 53.4	8.98		H	118.419 438 55	−19.531 511 83		0.96	−5.52	1.41	0.78	0.75	1.25	0.85	0.63	+10	+24	+4	−23	−2	−14	+1	−49	−1	+29	2	0.62
38556		07 53 41.02	−16 51 12.4	8.02		H	118.420 898 22	−16.853 444 95		2.87	−10.98	−5.16	0.61	0.60	1.03	0.72	0.60	−10	+22	+12	−19	+20	−18	+21	−45	−2	−8	1	1.45
38557		07 53 41.26	−09 13 15.2	8.76		H	118.421 921 63	−09.220 886 91		1.16	0.84	−0.10	0.87	0.88	1.39	1.02	0.96	−31	+30	−56	+10	+15	−28	−12	+38	−37	+9	0	1.52
38558		07 53 41.48	−63 38 51.6	7.97		H	118.422 844 89	−63.647 677 69		28.10	−122.12	145.90	0.65	0.65	0.69	0.88	0.77	−16	+18	+2	+12	−15	−15	−9	+20	+17	−38	0	1.24
38559		07 53 43.37	+72 44 27.9	8.69		H	118.430 708 95	+72.741 073 17		2.23	−15.12	−20.46	0.56	0.65	0.92	0.63	0.72	+18	+16	−4	+2	−16	+6	−12	−10	+11	+26	1	−0.10
*38560		07 53 43.47	+58 12 49.8	7.39		G	118.431 145 57	+58.213 832 27		9.61	−56.26	−22.92	0.64	0.49	0.79	0.83	0.63	−5	+21	−9	−9	−21	−11	−20	−10	+5	−4	0	1.08
*38561		07 53 43.46	+19 16 24.2	11.97	3	H	118.431 076 29	+19.273 381 98		2.62	−10.89	−27.66	2.99	1.85	3.25	3.19	2.13	−52	+52	−33	+2	−19	+1	−9	+1	+13	−56	0	−0.78
*38562		07 53 44.70	−21 55 20.6	9.71		H																							
*38563		07 53 44.06	−27 58 52.4	8.40		H	118.433 562 72	−27.981 230 85		1.71	−2.20	−0.93	0.53	0.71	1.05	0.60	0.75	+6	−8	+7	+18	+10	+16	+6	−11	+5	−1	2	1.32
38564		07 53 45.17	+26 33 52.7	7.60		H	118.438 198 58	+26.564 639 25		15.44	88.02	−185.09	1.04	0.64	1.13	0.95	0.71	−48	+57	−27	+2	−2	−2	−7	−11	−10	−41	0	−0.43
38565		07 53 45.87	−68 00 34.1	8.76		H	118.441 134 19	−68.009 482 54		7.13	−34.11	31.65	0.70	0.67	0.74	0.83	0.79	+1	+21	+16	+11	+2	+2	+2	+8	+5	−15	0	−0.38
38566		07 53 45.93	+52 46 44.3	8.09		H	118.441 387 53	+52.778 959 06		1.08	−55.41	−15.41	0.69	0.47	0.95	0.92	0.66	−4	+30	+4	−15	−22	−14	−22	−11	−2	−8	0	−0.20
38567		07 53 48.08	+41 01 20.0	8.57		H	118.450 348 82	+41.022 228 63		7.83	−16.87	−33.17	1.13	0.53	1.13	1.42	0.93	+3	+20	−2	+12	−11	−16	−10	−8	+16	+9	0	−1.60
38568		07 53 48.24	−62 22 48.7	7.80		H	118.450 990 20	−62.380 180 64		11.27	−12.82	47.45	0.61	0.60	0.65	0.74	0.68	−8	−5	+16	+13	−12	−4	−13	+8	+14	−27	1	−0.90
38569		07 53 48.78	−30 27 37.2	11.05	3	H	118.453 263 48	−30.460 331 95		4.28	−3.60	2.95	1.17	1.54	2.02	1.55	1.68	+5	+11	+15	−5	+7	−1	+4	−23	+6	−8	1	1.30
38570		07 53 48.89	−06 03 32.3	8.19		H	118.453 708 40	−06.058 982 94		2.53	−0.98	−8.88	0.76	0.60	1.04	0.97	0.85	−33	+20	−24	+29	+22	−15	+23	+26	−13	−10	0	1.11
38571		07 53 49.29	−26 15 43.6	6.95		H	118.455 354 55	−26.262 102 98		6.57	−31.67	6.82	0.49	0.59	0.92	0.53	0.61	+2	+11	−8	+28	+3	−4	+3	−23	+12	+1	0	1.07
38572		07 53 51.09	+05 24 29.3	8.76		H	118.462 881 40	+05.408 150 57		3.59	0.96	0.06	1.21	0.95	1.42	1.52	1.17	−17	+41	−32	+4	−7	+4	−9	+20	−4	+11	3	0.89
38573		07 53 51.78	+00 19 53.4	8.23		H	118.465 747 10	+00.331 504 93		7.16	10.28	−18.73	1.28	1.14	1.71	1.94	1.65	−30	+28	−53	−12	−35	+29	−13	−1	+38	−1	0	0.91
38574		07 53 54.32	−67 27 18.7	8.91		H	118.476 335 14	−67.455 188 51		10.52	24.88	11.95	0.74	0.73	0.79	0.89	0.86	−2	+12	+14	−2	−6	−8	−6	−9	+3	−20	0	−0.42
38575		07 53 55.54	+04 48 21.7	10.98		H	118.481 420 69	+04.806 030 22		6.63	1.87	−8.46	2.34	1.67	2.41	2.36	2.10	−1	+34	−23	−38	−22	−26	−30	+8	−16	−11	0	0.93
38576		07 53 55.72	−68 54 00.1	9.45		G	118.482 157 44	−68.900 023 85		11.47	−125.60	173.80	0.89	0.87	0.95	1.04	0.98	+5	+20	+20	−3	−11	−17	−8	−18	+5	−11	4	−0.35
38577		07 53 57.36	−40 59 01.9	8.63		H	118.489 010 96	−40.983 870 05		3.00	−9.04	5.53	0.59	0.63	0.76	0.62	0.65	+7	+6	+14	−3	−8	−1	−8	−6	+5	−7	0	0.47
38578		07 53 57.61	+16 02 10.4	7.24		H	118.490 046 82	+16.036 229 31		7.15	−24.73	−17.52	0.98	0.50	0.98	0.98	0.47	−18	+27	−32	−43	−8	−16	−2	−37	+24	−42	0	−1.04
38579		07 53 57.70	−21 01 56.1	8.41		H	118.490 409 28	−21.032 260 71		2.93	−6.24	10.21	0.73	0.65	1.09	0.84	0.67	+32	−18	−26	−23	−8	−3	−11	−34	+14	+43	0	−1.55
38580		07 53 58.70	−26 20 55.7	7.00	2	H	118.494 588 74	−26.348 818 61		3.63	−3.74	2.48	0.54	0.66	0.99	0.57	0.67	−4	+13	−11	+33	+3	+8	+10	−32	+17	+6	0	1.02
38581		07 53 59.89	+03 44 59.7	8.08	2	H	118.499 550 18	+03.749 929 92		3.77	−5.95	−9.53	1.20	0.74	1.41	1.23	0.89	−17	+60	−35	−18	+5	−17	−4	+4	−2	+19	0	−0.98
38582		07 54 00.74	+57 29 04.0	10.71		H	118.503 097 20	+57.484 454 78		5.99	−20.85	10.72	1.37	1.09	1.82	1.88	1.65	−8	+28	−7	−15	−7	+2	−5	−20	+7	−4	0	0.61
38583		07 54 01.89	−55 40 05.3	9.18		H	118.507 886 34	−55.668 131 68		2.02	−3.78	7.51	0.74	0.73	0.81	0.96	0.75	−6	+6	+26	+34	+7	+26	−4	+1	−6	−19	0	0.03
38584	H	07 54 02.21	−41 42 10.6	6.85		G	118.509 222 65	−41.702 937 83	*	2.26	−7.19	7.63	0.94	1.10	0.60	0.54	0.50	+3	+13	+10	−20	+16	+5	+16	−26	+2	−21	2	0.37
38585		07 54 04.09	−52 21 08.4	9.81		H	118.517 024 33	−52.352 330 74		6.44	−43.21	11.02	1.04	1.13	1.21	1.11	1.38	+14	−6	+0	−32	−11	−2	−11	−20	+34	−6	0	−1.71
38586		07 54 04.34	+29 12 41.5	8.24		H	118.518 064 68	+29.211 528 52		0.00	38.43	−55.88	1.73	0.67	1.29	1.84	0.88	−19	+40	−28	+51	+4	−8	+0	−10	−2	−3	0	−0.69
38587		07 54 04.89	−34 01 20.1	7.48		H	118.520 364 20	−34.022 243 12		3.67	−10.42	3.22	0.51	0.54	0.73	0.62	0.59	+3	+13	+11	+15	+8	+6	+6	−9	−4	−1	0	−0.10
38588		07 54 04.97	+80 30 55.2	8.34		H	118.520 702 73	+80.515 336 06		2.68	−6.13	−15.71	0.56	0.59	0.74	0.62	0.67	+14	+17	+3	+8	−9	+3	−7	−16	+2	+20	1	−1.37
38589		07 54 05.09	+84 28 38.7	9.40		H	118.521 197 64	+84.477 414 71		2.91	10.35	27.49	0.80	0.85	0.98	1.08	1.11	+6	+15	−3	+2	+1	+6	+1	−14	−3	+12	0	1.29
*38590		07 54 07.21	+58 56 39.0	8.49		H	118.530 022 66	+58.944 163 09		3.53	−8.71	1.49	0.71	0.63	1.06	0.80	0.83	−22	+11	−3	+32	+9	+1	+3	−17	+0	−39	0	−0.78
*38591		07 54 07.18	−18 19 51.7	6.89	2	H	118.529 936 53	−18.331 033 29		1.97	−5.76	−0.33	0.61	0.52	0.98	0.74	0.50	+17	+4	−6	−9	+4	−14	+6	−43	+5	+35	0	−0.79
38592		07 54 09.35	−45 17 39.2	8.23		G	118.538 959 43	−45.294 219 48		1.03	−1.39	4.49	0.55	0.55	0.66	0.64	0.52	+1	+15	+5	+2	−11	−8	−6	−18	+18	−6	0	−0.71
38593		07 54 11.01	−35 52 38.3	5.48		H	118.545 880 48	−35.877 295 57		4.07	−3.88	3.41	0.37	0.40	0.52	0.40	0.39	+12	−2	+5	+22	−1	+4	−4	−19	+24	+7	1	−1.33
38594		07 54 11.08	−25 18 13.2	9.75		G	118.546 152 76	−25.303 661 57		51.16	−299.79	200.26	0.74	1.03	1.57	0.74	1.19	−8	+13	+16	+36	+15	−3	+10	−19	+9	−28	0	1.47
38595		07 54 11.17	+36 44 29.7	7.15		H	118.546 531 88	+36.741 569 81		6.55	−12.12	−2.03	1.04	0.54	1.09	1.17	0.90	−10	+32	−9	−12	+1	+1	−8	−14	−26	−9	0	−0.59
38596		07 54 11.34	−37 29 16.6	9.53		G	118.547 252 87	−37.487 937 90		30.40	63.23	−155.37	2.96	3.50	4.10	3.24	3.34	+12	+0	+12	−13	−19	−11	−17	−27	+13	+0	0	
38597		07 54 11.43	+13 34 56.9	7.95		G	118.547 639 90	+13.582 468 36		5.39	−9.16	−17.81	1.04	0.74	1.18	1.20	0.94	−14	+27	−16	−30	−9	−38	−17	+11	−2	−16	0	2.16
38598		07 54 11.84	+13 25 16.6	7.20		H	118.549 315 36	+13.421 281 98		6.22	−25.33	−46.11	0.90	0.67	0.99	0.98	0.82	−20	+29	−23	−25	−14	−26	−20	+13	+7	−19	3	2.00
38599		07 54 12.60	−03 32 42.7	7.76		H	118.552 479 87	−03.545 201 22		4.51	−14.41	4.53	0.86	0.73	1.08	1.11	0.90	−11	+27	−35	−8	+3	−21	−13	+26	−24	+13	0	−0.86
38600		07 54 13.15	−58 34 28.2	7.81		G	118.554 809 60	−58.574 495 95		16.16	−28.05	−100.65	0.65	0.64	0.69	0.71	0.77	−10	−1	−5	−21	+11	−22	+9	−27	−1	−23	0	2.26

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
38501	10.231	0.034	8.598	0.016		1.367	0.030	T	1.34	0.04	L	8.5835	0.0016	0.014	88		8.56	8.61					1							
38502	9.817	0.024	7.817	0.010		1.730	0.015	G	2.56	0.05	F	7.5320	0.0155	0.097	113		7.45	7.67		U 2 C			1 V							P
38503	8.037	0.009	7.976	0.010		0.061	0.013	T	0.07	0.01	L	7.9963	0.0010	0.010	105		7.98	8.01		C			1							S
38504	9.197	0.015	7.841	0.009		1.149	0.014	T	1.11	0.01	L	7.8852	0.0014	0.012	106		7.86	7.90		C			1							
38505	10.721	0.065	8.771	0.023		1.618	0.055	T	1.64	0.06	L	8.7099	0.0039	0.020	43		8.68	8.74					1							
38506	10.346	0.037	9.523	0.029		0.742	0.036	T	0.79	0.03	L	9.5909	0.0017	0.015	96		9.55	9.62		C			1							
38507	9.846	0.029	9.464	0.032		0.362	0.040	T	0.42	0.04	L	9.5506	0.0020	0.012	86		9.52	9.58		C			1							
38508	10.098	0.027	9.372	0.022		0.652	0.026	T	0.72	0.02	L	9.4722	0.0024	0.021	108		9.43	9.51		C			1							
38509	9.669	0.036	8.527	0.023		0.982	0.033	T	0.96	0.03	L	8.5499	0.0019	0.015	93		8.53	8.58		C			1							
38510	8.352	0.008	8.433	0.011		−0.097	0.004	G	−0.08	0.01	H	8.4397	0.0015	0.015	117		8.41	8.46		C			1							
38511	11.600	0.065	9.598	0.018		1.696	0.056	T	1.86	0.19	K	9.4624	0.0024	0.030	217		9.41	9.52		U			1 S							
38512	7.665	0.006	6.730	0.005		0.819	0.004	G	0.83	0.04	E	6.7880	0.0009	0.010	144		6.77	6.80					1							S
38513	8.918	0.015	8.377	0.014		0.507	0.018	T	0.58	0.02	L	8.4490	0.0019	0.010	74		8.44	8.47		C			1							
38514	11.386	0.085	10.111	0.042		1.576	0.197	G	2.55	0.45	I	10.1609	0.0040	0.040	102		10.12	10.24		U			1							G
38515	9.711	0.033	8.640	0.022		0.927	0.030	T	0.92	0.02	L	8.6701	0.0023	0.019	44		8.63	8.72		D			1							
38516	9.548	0.018	7.568	0.008		1.641	0.016	T	1.66	0.02	L	7.4693	0.0015	0.017	137		7.44	7.49		U			1							S
38517	9.636	0.018	8.459	0.012		1.009	0.017	T	0.98	0.01	L	8.5015	0.0015	0.011	111		8.48	8.52		C			1							
38518	4.044	0.002	4.218	0.003		−0.130	0.029	G	−0.11	0.02	A	4.1865	0.0009	0.006	104		4.18	4.20		M			1							S
38519	9.636	0.018	8.406	0.011		1.050	0.016	T	1.02	0.01	L	8.4292	0.0021	0.021	109		8.41	8.47		R	07533+1543	I 1	1 S							S
38520	8.541	0.012	8.604	0.016		−0.073	0.002	G	−0.05	0.00	H	8.6219	0.0016	0.019	124		8.59	8.67					1							
38521	9.585	0.019	9.015	0.018	*	0.533	0.023	T	0.61	0.02	L *	9.0813	0.0014	0.017	99	*	9.05	9.11		D	07533−6219	H 1	2 C A	AB	356	0.458	0.024	2.74	0.11	
38522	8.787	0.009	8.223	0.008		0.543	0.015	G	0.62	0.01	H	8.2751	0.0013	0.016	164		8.25	8.31					1							S
38523	9.211	0.021	9.323	0.030		−0.096	0.032	T	−0.08	0.04	L	9.2706	0.0110	0.062	57		9.20	9.39		P 1 A			1 S							G
38524	8.974	0.014	7.972	0.010		0.873	0.015	G	0.88	0.01	H	8.0576	0.0011	0.010	101		8.04	8.07		C			1							S
38525	6.897	0.005	6.925	0.006		−0.006	0.003	G	0.01	0.00	H	6.9213	0.0012	0.007	84		6.91	6.93		C			1							S
38526	10.018	0.026	9.535	0.026	*	0.490	0.015	G	0.56	0.02	H *	9.6021	0.0034	0.023	97	*	9.57	9.65		C	07534−5239	I 1	2 C A	AB	297	0.322	0.022	1.69	0.24	
38527	8.703	0.011	7.498	0.007	*	1.031	0.010	T	1.00	0.01	L *	7.5286	0.0012	0.009	119	*	7.51	7.55		D	07534+4544	M 1	2 C A	AB	10	0.660	0.004	2.18	0.02	S
38528	10.590	0.060	9.859	0.049	B	0.670	0.062	T	0.73	0.05	L	9.9500	0.0327	0.168	91	B	9.78	10.26		D	07534+2050	I 2	1 C P A							
38529	11.008	0.075	9.838	0.044	A	1.004	0.068	T	0.98	0.06	L	10.0053	0.0330			A				D	07534+2050	I 2	1 C I A							
38530	9.054	0.018	7.634	0.010		1.199	0.016	T	1.16	0.02	L	7.6766	0.0013	0.010	104		7.66	7.70		C			1							S
38531	10.338	0.041	9.317	0.027		0.879	0.038	T	0.89	0.03	L	9.3666	0.0025	0.024	139		9.32	9.41					1							
38532	10.920	0.083	10.239	0.067		0.630	0.088	T	0.70	0.08	L	10.4802	0.0034	0.031	70		10.44	10.54					1							G
38533	8.838	0.011	7.532	0.007		1.110	0.010	T	1.07	0.01	L	7.5906	0.0008	0.010	132		7.57	7.61					1							S
38534											T	12.1604	0.0053	0.054	102		12.07	12.26					1							D
38535	8.491	0.008	8.121	0.008		0.364	0.015	G	0.43	0.02	H	8.1676	0.0018	0.018	171		8.14	8.20					1							
38536	7.852	0.007	7.849	0.011		0.004	0.011	T	0.02	0.01	L	7.8529	0.0012	0.010	100		7.83	7.87					1							S
38537	8.448	0.009	8.195	0.010		0.241	0.013	T	0.27	0.02	L	8.2538	0.0013	0.014	117		8.23	8.28		C	07536−8343	I 1	1							S
38538	5.105	0.003	4.988	0.003		0.098	0.008	G	0.14	0.03	C	5.0049	0.0004	0.004	66		5.00	5.01		C			1 O							S
38539	11.247	0.074	10.357	0.053		0.792	0.068	T	0.82	0.05	L	10.3525	0.0034	0.030	100		10.30	10.40		C			1							G
38540	10.942	0.043	10.533	0.047	*	0.455	0.019	G	0.52	0.02	H *	10.4497	0.0058	0.044	109	*	10.37	10.51		D	07535−2844	I 1	2 C B	AB	75	0.725	0.026	1.29	0.16	G
38541	9.031	0.013	8.368	0.012		0.621	0.014	G	0.69	0.01	H	8.4040	0.0013	0.012	90		8.38	8.43		C	07536+3037	I 1	1							S
38542	9.539	0.018	9.034	0.017	*	0.475	0.023	T	0.55	0.02	L *	9.0908	0.0025	0.021	108	*	9.06	9.12		D	07536−6346	I 1	2 C A	AS	48	0.278	0.004	0.10	0.06	
38543	9.848	0.017	9.018	0.014		0.747	0.017	T	0.79	0.01	L	9.1110	0.0022	0.027	169		9.07	9.16					1							
38544	7.849	0.007	7.621	0.008		0.218	0.010	T	0.24	0.01	L	7.6473	0.0010	0.011	141		7.62	7.67		C			1							S
38545	7.884	0.004	8.036	0.006		−0.131	0.001	G	−0.12	0.00	H	8.0233	0.0011	0.015	251		8.00	8.05					1							
38546	11.043	0.066	10.295	0.054		0.684	0.067	T	0.74	0.06	L	10.3802	0.0032	0.026	93		10.34	10.43		C			1							G
38547	9.378	0.025	8.101	0.016		1.087	0.023	T	1.05	0.02	L	8.1307	0.0018	0.009	52		8.11	8.15		C			1							S
38548	9.423	0.014	9.407	0.019		0.058	0.000	G	0.07	0.00	H	9.4157	0.0022	0.024	144		9.38	9.46					1							G
38549	9.192	0.013	9.054	0.015		0.125	0.018	T	0.14	0.02	L	9.1167	0.0020	0.018	117		9.08	9.15		C			1							
38550	9.400	0.010	8.741	0.009	A	0.600	0.495	G	0.69	0.02	L *	8.7192	0.0017	0.022	259	*	8.68	8.76		D	07536−2728	I 1	2 C A	AB	258	1.955	0.006	2.17	0.03	
38551	6.837	0.005	6.929	0.006		−0.079	0.007	T	−0.06	0.01	L	6.9287	0.0021	0.017	121		6.91	6.95		U 2 C			1							S
38552	9.659	0.022	8.392	0.014		1.079	0.020	T	1.04	0.02	L	8.4028	0.0018	0.015	140		8.38	8.43		C			1							
38553	7.129	0.006	7.217	0.008		−0.069	0.015	G	−0.05	0.01	H	7.2058	0.0014	0.013	123		7.18	7.23					1							S
38554	10.073	0.026	9.919	0.034		0.150	0.015	G	0.17	0.01	H	9.9505	0.0033	0.031	137		9.89	10.01					1							G
38555	8.920	0.010	8.953	0.014		−0.026	0.016	T	0.00	0.02	L	8.9766	0.0023	0.026	157		8.94	9.02					1							
38556	9.337	0.014	8.121	0.009		1.039	0.013	T	1.01	0.01	L	8.1901	0.0012	0.018	161		8.17	8.23					1							
38557	8.693	0.015	8.756	0.020		−0.055	0.015	G	0.00	0.01	L	8.7616	0.0024	0.019	86		8.73	8.79					1							
38558	8.804	0.012	8.052	0.010		0.672	0.012	T	0.73	0.01	L	8.1056	0.0016	0.016	112		8.08	8.13					1							S
38559	9.184	0.010	8.730	0.010		0.428	0.013	T	0.50	0.01	L	8.7837	0.0015	0.024	189		8.75	8.82		C			1							
38560	7.732	0.007	7.412	0.007		0.306	0.015	G	0.35	0.02	H	7.4637	0.0009	0.011	120		7.45	7.48		C			1							S
38561											T	12.0544	0.0727	0.413	69		11.14	12.34	0.50	P 1 A			1							D
38562						0.000	0.495	G	0.29	0.09	L	9.7797	0.0547	0.681	128		8.85	11.24		D	07537−2156	I 1	S							G G
38563	10.345	0.021	8.524	0.009		1.515	0.018	T	1.55	0.03	L	8.5247	0.0017	0.020	201		8.49	8.56					1							
38564	8.276	0.011	7.657	0.012		0.573	0.012	T	0.65	0.01	L	7.7223	0.0011	0.008	75		7.71	7.74		C			1							S
38565	9.218	0.014	8.777	0.014		0.430	0.016	T	0.50	0.02	L	8.8551	0.0013	0.015	105		8.83	8.88		D			1							
38566	9.523	0.014	8.223	0.008		1.105	0.013	T	1.07	0.01	L	8.2620	0.0013	0.013	187		8.24	8.29		C			1							
38567	9.113	0.017	8.624	0.017		0.460	0.022	T	0.53	0.02	L	8.6713	0.0015	0.016	115		8.65	8.70		C			1							
38568	9.023	0.015	7.913	0.010		0.957	0.014	T	0.94	0.01	L	7.9659	0.0010	0.012	103		7.95	7.99					1							
38569											T	11.1791	0.0370	0.326	164		10.82	11.64	5.08	P 1 A			1							G
38570	8.239	0.008	8.199	0.010		0.042	0.012	T	0.06	0.01	L	8.2129	0.0010	0.013	116		8.20	8.23		C			1							
38571	8.106	0.008	7.054	0.005		0.913	0.007	T	0.91	0.01	L	7.1139	0.0016	0.014	153		7.10	7.14					1							S
38572	8.861	0.018	8.762	0.022		0.097	0.027	T	0.11	0.03	L	8.7971	0.0020	0.011	52		8.76	8.82		C			1							
38573	9.486	0.027	8.342	0.018		0.983	0.025	T	0.96	0.02	L	8.3960	0.0014	0.010	43		8.38	8.42		C			1							
38574	9.732	0.019	8.948	0.015		0.696	0.018	T	0.75	0.01	L	9.0466	0.0018	0.016	107		9.02	9.08		C			1							
38575	10.928	0.080	11.019	0.153		−0.078	0.155	T	−0.06	0.18	L	10.9420	0.0072	0.046	42		10.87	11.01					1							G
38576	10.234	0.027	9.506	0.023		0.661	0.003	G	0.72	0.00	H	9.5781	0.0019	0.019	116		9.55	9.61		C			1							
38577	8.647	0.011	8.635	0.013		0.012	0.015	T	0.03	0.01	L	8.6429	0.0016	0.016	139		8.62	8.67					1							
38578	7.442	0.006	7.268	0.006		0.167	0.008	T	0.18	0.01	L	7.3023	0.0011	0.010	109		7.28	7.32			07540+1602	I 1	1							S
38579	10.016	0.019	8.551	0.010		1.234	0.017	T	1.19	0.02	L	8.5759	0.0017	0.018	151		8.55	8.61		C			1							
38580	8.809	0.010	7.242	0.005		1.337	0.009	T	3.42	0.03	O	6.7419	0.0102	0.119	140		6.53	6.91		U 2 C			1 S							S
38581	8.120	0.013	8.079	0.016		0.043	0.019	T	0.06	0.01	L	8.0996	0.0018	0.021	52		8.09	8.15		U 2			1							
38582	11.233	0.059	10.706	0.060		0.345	0.072	G	0.40	0.10	R	10.7915	0.0049	0.041	126		10.70	10.85		C			1							G
38583	9.321	0.016	9.196	0.019		0.113	0.023	T	0.13	0.02	L	9.2208	0.0015	0.016	102		9.20	9.24		C			1							
38584	6.723	0.004	6.837	0.005	*	−0.105	0.007	G	−0.09	0.01	H *	6.8265	0.0011	0.008	131	*	6.81	6.84		D	07540−4142	H 1	2 C A	AB	66	0.206	0.020	2.59	0.29	S
38585	10.449	0.036	9.807	0.031		0.590	0.035	T	0.66	0.03	L	9.9347	0.0033	0.023	89		9.91	9.99					1							G
38586	10.021	0.030	8.420	0.015		1.341	0.026	T	1.31	0.03	L	8.3958	0.0014	0.012	75		8.38	8.42		C			1 G							
38587	7.362	0.006	7.455	0.007		−0.088	0.003	G	−0.07	0.00	H	7.4522	0.0012	0.010	142		7.43	7.47		C			1							S
38588	10.363	0.027	8.504	0.011		1.545	0.023	T	1.61	0.05	L	8.4574	0.0018	0.017	143		8.43	8.49					1							
38589	10.521	0.043	9.473	0.028		0.910	0.039	T	0.91	0.03	L	9.5635	0.0020	0.021	106		9.53	9.60					1							
38590	9.675	0.018	8.576	0.012		0.949	0.017	T	0.94	0.01	L	8.6572	0.0017	0.017	123		8.63	8.68		C			1							
38591	9.057	0.010	7.096	0.004		1.662	0.009	T	2.09	0.03	O	6.9649	0.0018	0.021	201		6.93	6.99		U 2	07541−1820	I 1	1							S
38592	8.187	0.008	8.233	0.010		−0.039	0.002	G	−0.02	0.00	H	8.2320	0.0010	0.010	108		8.21	8.25		C			1							
38593	5.241	0.002	5.444	0.003		−0.175	0.003	T	−0.18	0.00	L	5.4164	0.0005	0.005	137		5.41	5.43		C			1							S
38594	11.460	0.069	9.955	0.028		1.385	0.015	G	1.64	0.03	I	9.8322	0.0020	0.022	201		9.79	9.88					1							G
38595	8.384	0.011	7.271	0.007		0.959	0.010	T	0.95	0.01	L	7.3178	0.0014	0.010	85		7.30	7.33					1							S
38596	10.960	0.048	9.619	0.025		1.058	0.015	G	1.11	0.02	I	9.6617	0.0020	0.019	136		9.62	9.69					1 X							G
38597	9.240	0.028	8.046	0.018		0.966	0.015	G	0.95	0.01	H	8.1116	0.0015	0.009	43		8.10	8.14		C			1							S
38598	8.538	0.018	7.329	0.012		1.034	0.017	T	1.01	0.01	L	7.3629	0.0009	0.006	41		7.36	7.38		C			1							S
38599	8.118	0.013	7.791	0.012		0.310	0.017	T	0.36	0.02	L	7.8400	0.0020	0.014	61		7.82	7.86					1							S
38600	8.433	0.012	7.884	0.011		0.524	0.006	G	0.60	0.01	H	7.9291	0.0009	0.012	87		7.91	7.96		D	07542−5834	I 1	1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
38601		07 54 13.30	+21 06 19.1	6.84	1	H	118.555 433 85	+21.105 299 49		1.60	−0.36	−17.12	0.74	0.49	0.83	0.86	0.59	−30	+32	−5	−1	−24	−28	−20	+10	+15	−44	0	1.30
38602		07 54 13.44	+58 45 34.1	9.26		H	118.555 982 90	+58.759 466 48		10.83	153.52	−108.67	0.91	0.77	1.23	1.00	0.93	−18	+16	−10	+26	−2	−6	−7	−3	−3	−28	0	1.21
*38603		07 54 14.27	+23 30 14.1	8.78		H	118.559 468 10	+23.503 922 66		1.75	18.89	−11.02	1.14	0.73	1.25	1.20	0.84	−32	+25	−26	−24	−3	−7	−7	−15	−4	−37	0	0.86
*38604		07 54 14.37	+54 42 54.9	7.25		H	118.559 878 69	+54.715 251 39		16.22	70.09	−91.79	0.59	0.44	0.83	0.85	0.66	+8	+22	+0	−28	−19	+5	−21	−36	−10	+8	0	−0.95
*38605		07 54 14.27	−64 56 29.5	8.97		H	118.559 440 32	−64.941 527 08		0.75	−3.75	0.34	0.70	0.79	0.82	0.62	0.92	−17	−4	+1	−25	−23	+1	−14	+22	−1	−48	0	2.61
38606		07 54 14.95	−19 40 49.6	8.88		H	118.562 272 04	−19.680 449 55		1.97	−10.38	5.19	0.79	0.63	1.18	0.80	0.57	+14	+26	−2	−15	+10	−6	+12	−33	+9	+38	0	−0.59
38607		07 54 18.85	+69 18 37.6	8.96		H	118.578 529 83	+69.310 456 53		2.72	10.49	−2.56	0.53	0.95	1.32	0.63	1.09	+45	−3	−25	+22	−3	+6	−3	−8	+12	+42	2	3.21
38608		07 54 20.54	+71 04 45.6	7.35		H	118.585 597 09	+71.079 325 04		5.61	−33.92	−35.76	0.45	0.56	0.78	0.53	0.64	+38	+6	+2	+10	−9	+18	−8	−4	+7	+44	0	−1.00
38609		07 54 21.54	+61 03 28.2	9.27		H	118.589 768 92	+61.057 833 43		1.64	0.64	−0.44	0.92	0.73	1.26	0.99	0.87	−9	+11	−10	+29	+1	−4	+3	−12	−3	−2	1	1.47
38610		07 54 22.06	−40 51 26.6	8.55		G	118.591 903 33	−40.857 393 82		2.76	−2.46	6.44	0.58	0.62	0.74	0.60	0.65	+4	+1	+16	+1	−5	−5	−6	−10	+7	−7	0	−0.10
38611		07 54 23.66	−09 47 08.1	8.41		H	118.598 578 32	−09.785 573 83		2.92	−4.99	−5.80	0.88	0.85	1.32	1.03	1.01	−39	+38	−48	−8	+9	−22	−18	+35	−31	+2	0	0.66
38612		07 54 24.51	−50 10 14.6	7.47		H	118.602 142 98	−50.170 709 47		1.28	−3.29	5.82	0.55	0.49	0.60	0.63	0.47	+5	+22	+9	+11	−4	+5	−3	+0	+3	+0	0	1.55
38613		07 54 24.57	+48 26 26.0	8.99		H	118.602 381 83	+48.440 561 92		14.55	−144.01	−271.44	1.17	0.58	1.28	1.53	0.93	+36	+31	+28	+37	+18	−9	+3	−14	−22	+5	0	2.73
38614		07 54 24.78	−04 31 41.9	8.91		H	118.603 234 17	−04.528 311 32		2.95	−6.46	1.14	1.11	0.78	1.31	1.45	0.97	−20	+35	−44	−19	+14	−21	−2	+4	−9	+24	2	1.27
38615		07 54 25.53	−28 06 19.3	6.60		H	118.606 380 52	−28.105 362 10		4.80	−15.95	7.08	0.36	0.47	0.71	0.41	0.49	+12	−4	+10	+13	+11	+19	+6	−13	+11	+6	2	2.10
38616		07 54 26.73	+50 44 36.7	9.45		H	118.611 389 11	+50.743 539 07		7.11	−8.68	7.41	1.05	0.70	1.37	1.36	0.94	+3	+26	−16	+17	+0	+6	−5	−16	−9	−4	3	−0.02
38617		07 54 27.18	+05 30 36.9	8.35		H	118.613 243 52	+05.510 238 56		−0.03	−10.07	−1.21	1.17	0.82	1.21	1.53	1.13	+10	+29	+0	+5	−12	+0	−12	+20	+3	+19	0	1.29
38618		07 54 27.44	−41 39 29.4	7.11		H	118.614 336 53	−41.658 176 25		5.68	−5.03	−27.91	0.49	0.49	0.58	0.52	0.50	+8	+6	+4	−18	+3	−1	+2	−22	+3	−5	0	−0.24
38619	H	07 54 28.13	+60 07 59.6	10.88		H	118.617 198 52	+60.133 227 65	A	10.37	−76.05	−72.98	2.32	2.43	3.04	2.39	2.61	−9	+20	+9	+29	+5	+8	+3	−3	+0	−36	0	−0.81
38620		07 54 28.38	+26 10 01.9	7.83	2	H	118.618 248 81	+26.167 184 02		−1.00	−19.81	−12.08	0.98	0.62	1.10	1.09	0.71	−30	+42	−34	+2	−1	−13	−7	−7	−5	−15	4	2.55
38621		07 54 28.78	+62 08 11.5	7.89		G	118.619 923 48	+62.136 535 07		1.75	−45.98	−87.47	0.69	0.57	1.00	0.64	0.61	+11	+24	−8	+5	+22	−7	+30	−13	+20	+29	3	0.41
38622	H	07 54 28.85	−32 29 23.0	8.87		H	118.620 210 74	−32.489 721 47	*	2.27	−5.46	3.83	0.93	1.25	1.08	0.81	0.83	−9	−1	+20	+16	+4	+12	+0	−9	−7	−13	0	−0.11
38623		07 54 29.28	+47 23 09.5	6.25		H	118.621 991 78	+47.385 973 37		5.30	−16.08	3.55	0.85	0.38	0.88	1.13	0.62	+22	+26	+20	+35	−1	−19	−12	−8	−6	−7	2	0.81
38624		07 54 33.08	−40 07 50.7	7.52	1	H	118.637 818 96	−40.130 744 39		2.61	4.73	−6.53	0.49	0.55	0.65	0.54	0.56	−6	+4	+15	+0	+4	+0	+1	−19	+12	−21	0	1.36
38625	H	07 54 34.33	−01 24 43.6	7.43		G	118.643 024 08	−01.412 107 30	A	52.01	−251.57	−62.07	1.90	1.36	1.85	2.07	1.48	−10	+28	−26	−22	−16	+0	−16	−8	+4	+6	2	1.98
38626		07 54 34.55	+01 34 13.7	8.25		H	118.643 939 34	+01.570 460 72		8.40	−13.77	1.13	0.97	0.68	1.03	1.15	0.88	−7	+35	−17	−15	−2	−17	−6	+6	−3	−1	0	1.48
38627		07 54 34.89	−08 20 56.8	8.79		H	118.645 355 16	−08.349 105 50		−0.46	−2.18	3.13	0.89	0.92	1.60	1.20	1.02	−32	+22	−59	+0	+34	−49	+0	+32	−29	+12	0	0.13
38628		07 54 36.39	−39 38 35.5	8.47		H	118.651 609 79	−39.643 202 32		9.50	−58.07	69.90	0.60	0.68	0.79	0.68	0.75	+2	+7	+15	−12	+7	−2	+6	−19	+12	−21	0	0.22
38629		07 54 36.45	−31 37 45.4	8.84		H	118.651 890 14	−31.629 282 23		3.52	9.46	−10.71	0.70	0.74	1.02	0.77	0.70	−2	−10	+17	+46	−4	+8	−9	−8	+7	−7	0	0.93
38630	H	07 54 36.73	+25 12 48.3	9.64		H	118.653 027 68	+25.213 403 06	A	2.27	−59.34	−8.21	3.01	2.16	2.83	2.94	2.32	−35	+16	−22	−3	−8	−26	−16	+1	+16	−55	1	0.48
38631		07 54 37.35	−58 43 55.9	8.36		H	118.655 624 56	−58.732 204 58		10.67	25.77	4.97	0.65	0.68	0.70	0.69	0.80	−10	+4	−4	−14	+8	−15	+4	−32	+9	−26	0	0.32
38632		07 54 38.70	+41 49 06.7	7.61		H	118.661 234 82	+41.818 523 84		3.14	1.86	3.84	1.05	0.51	1.15	1.41	0.95	+1	+38	−1	+8	−7	−21	+2	−9	+14	+20	0	0.75
38633		07 54 39.66	−12 40 50.3	8.17		H	118.665 266 20	−12.680 636 95		1.55	−3.76	−0.02	0.80	0.61	1.07	1.11	0.97	−9	+20	−16	+4	+19	−27	+21	+0	+24	−25	2	−0.19
38634		07 54 39.88	−71 18 12.5	9.26		H	118.666 179 53	−71.303 482 02		2.08	7.02	−0.47	0.88	0.86	0.91	0.99	0.98	+12	+38	+10	−27	−23	−12	−15	−8	−3	−24	0	−1.76
38635		07 54 39.93	−34 50 48.1	6.14	1	G	118.666 364 84	−34.846 683 66		4.81	−16.00	−11.96	0.41	0.45	0.59	0.47	0.48	+3	−2	−1	+2	+9	+8	+8	−19	+9	+2	2	0.89
38636		07 54 40.39	+38 05 58.0	8.35		H	118.668 276 58	+38.099 437 70		18.04	48.51	−50.31	1.11	0.63	1.17	1.52	1.05	−10	+17	−6	+19	−3	−3	+2	+3	+18	+8	0	−0.32
38637		07 54 40.67	+33 08 56.7	8.70		H	118.669 446 62	+33.149 089 86		7.32	29.36	−8.97	1.31	0.77	1.64	1.95	1.61	−22	+21	+10	+6	+9	+5	+6	−21	−46	+4	0	0.32
38638		07 54 42.01	+15 26 07.5	8.16		H	118.675 058 87	+15.435 426 45		1.91	−4.91	−4.46	1.16	0.67	1.26	1.24	0.77	−47	+48	−41	−19	+7	−5	+4	−18	−1	−29	0	0.88
38639		07 54 42.74	+47 33 52.5	5.47		H	118.678 077 60	+47.564 592 25		6.42	−48.40	1.48	0.79	0.39	0.86	1.09	0.65	+22	+24	+27	+32	+11	−6	−6	−17	−20	−16	0	1.56
38640		07 54 43.86	+42 37 20.9	8.95		H	118.682 739 27	+42.622 458 48		1.87	−2.23	−20.81	1.45	0.68	1.55	1.96	1.48	−15	+18	+7	+11	+0	+10	+5	−15	+15	−1	0	−0.56
38641		07 54 45.57	−69 08 25.9	8.91		H	118.689 889 04	−69.140 537 76		2.26	6.66	10.50	0.83	0.73	0.81	0.95	0.84	−2	+18	+2	−18	−10	−7	−8	−15	+9	−19	0	−1.41
*38642		07 54 45.93	+49 47 05.7	7.91		H	118.691 355 20	+49.784 926 52		3.20	−11.31	−10.12	0.97	0.54	1.09	1.37	0.83	+25	+29	+7	+15	+0	+8	−6	−22	−9	+15	0	1.33
*38643		07 54 45.90	+30 20 30.6	7.80		H	118.691 241 45	+30.341 833 44		3.38	−26.98	8.93	0.92	0.56	1.02	1.04	0.66	−19	+33	−23	−9	−7	−21	−16	−6	−12	−6	0	0.39
38644		07 54 46.31	+35 05 52.3	9.81		H	118.692 965 14	+35.097 874 57		4.47	−1.94	−37.80	1.48	0.93	1.64	1.86	1.64	−35	+4	+19	−24	+20	+22	+13	−37	−27	−43	2	−1.42
38645		07 54 46.81	−66 12 44.4	9.26		H	118.695 027 37	−66.212 346 87		11.75	−57.78	155.95	0.75	0.80	0.84	0.71	0.96	−14	+2	−2	−24	−17	−6	−15	+8	+7	−35	0	−0.19
38646		07 54 48.07	−49 50 12.6	9.36		G	118.700 299 10	−49.836 843 69		20.74	−102.36	256.69	0.98	0.86	1.06	1.17	0.82	+4	+27	+17	+24	+0	+6	−2	−3	+1	−8	0	−2.12
38647		07 54 48.58	+34 37 12.8	7.78		G	118.702 418 11	+34.620 208 84		28.33	−121.44	−173.92	0.93	0.62	1.09	1.19	1.15	−27	+26	+20	+4	+18	+7	+10	−30	−34	−35	0	−0.82
38648		07 54 49.31	+18 06 00.9	7.31		G	118.705 469 04	+18.100 262 08		4.24	32.22	−17.93	0.84	0.52	0.94	1.00	0.52	−42	+31	−17	−1	−8	−28	−7	−24	+28	−68	0	−0.61
38649		07 54 49.38	−50 33 51.7	8.11		G	118.705 753 54	−50.564 349 27		11.52	−37.73	−4.09	0.59	0.60	0.67	0.64	0.58	+1	+20	−1	−14	−8	−1	−6	−14	+6	−2	0	1.10
38650		07 54 50.38	−45 39 50.8	7.34	1	G	118.709 905 90	−45.664 115 75		2.80	−12.07	5.09	0.48	0.46	0.55	0.59	0.44	+2	+7	−1	+12	−9	−2	−7	−13	+14	+0	0	−1.56
38651		07 54 51.20	+00 49 12.4	8.52		H	118.713 321 07	+00.820 120 22		4.13	−8.58	−10.20	1.15	0.96	1.33	1.56	1.38	−35	+37	−32	−7	−13	−24	−10	+26	+25	−33	0	−0.52
38652		07 54 51.25	−31 32 05.2	7.19	1	G	118.713 539 84	−31.534 765 16		2.00	−7.21	4.92	0.40	0.48	0.64	0.46	0.45	+7	−4	−1	+29	−2	+17	−4	−24	+12	+4	1	0.46
38653		07 54 52.02	−00 45 23.1	8.35		H	118.716 755 46	−00.756 417 81		5.79	−23.69	19.08	1.20	0.97	1.37	1.45	1.17	−24	+22	−40	+9	−15	−15	−27	+33	+1	−4	0	3.06
38654		07 54 52.65	−38 25 11.9	7.44		H	118.719 360 34	−38.419 981 85		5.20	−4.63	−17.16	0.47	0.54	0.64	0.49	0.51	+2	+1	+5	+14	−11	+3	−10	−17	+14	+1	0	−1.23
*38655		07 54 53.41	−24 20 10.8	10.58		G	118.722 540 60	−24.336 321 01		2.31	−1.07	0.88	1.42	1.31	2.05	2.19	1.44	+6	−5	−2	−22	+11	+9	+6	−24	+13	+10	0	−0.44
*38656		07 54 53.39	−57 18 10.4	5.62		G	118.722 469 13	−57.302 883 38		9.50	−69.25	31.64	0.42	0.45	0.47	0.45	0.52	−3	−3	−5	+3	+0	+1	−2	−10	+11	−19	0	−0.17
38657		07 54 54.01	+19 14 14.8	7.76		H	118.725 040 40	+19.237 444 68		50.05	92.95	−454.52	0.94	0.58	1.05	1.07	0.59	−30	+27	−16	+4	−31	−8	−21	−5	+26	−55	0	0.81
38658		07 54 54.22	+32 17 05.3	7.47		H	118.725 935 87	+32.284 817 00		14.13	−60.71	−45.44	0.95	0.55	1.00	1.36	0.80	−8	+13	−16	−26	−18	+10	−18	−23	−4	+7	0	0.98
38659		07 54 54.87	+43 59 40.0	7.54		H	118.728 620 15	+43.994 441 31		3.40	−14.62	40.79	1.10	0.53	1.08	1.41	0.99	+0	+26	+18	+6	+20	−11	+24	−35	−15	−2	0	0.06
38660		07 54 55.42	−18 04 11.9	8.98		H	118.730 905 84	−18.069 961 30		5.56	3.80	−2.37	0.73	0.67	1.19	0.82	0.61	+2	+4	+1	−27	+2	−3	+4	−48	+7	+19	0	−0.47
38661		07 54 55.61	+17 57 27.0	7.93		H	118.731 696 36	+17.957 495 87		3.65	−0.05	−0.27	0.97	0.53	1.09	1.13	0.58	−45	+38	−17	+0	−8	−28	−7	−20	+27	−70	0	−0.07
38662		07 54 56.43	+65 31 54.2	10.57		H	118.735 121 27	+65.531 717 44		3.05	−0.33	2.25	1.29	1.17	1.69	1.38	1.53	+10	+24	+1	+18	+23	+2	+29	−2	+3	+25	0	−0.17
38663		07 54 58.05	+30 51 30.2	10.16		H	118.741 868 61	+30.858 392 53		3.82	−14.42	−12.47	1.38	0.88	1.48	1.57	1.07	−18	+15	−20	−20	−16	−3	−18	−16	+6	−17	0	−0.44
38664		07 54 58.76	+39 42 48.4	7.75		H	118.744 829 78	+39.713 453 63		5.77	−10.36	−36.78	0.98	0.48	1.01	1.26	0.85	−12	+39	−14	+19	−3	+5	+7	−7	+11	+18	0	−1.25
38665		07 54 59.25	−35 19 31.3	9.08		H	118.746 892 15	−35.325 357 22		2.22	−8.42	6.64	0.70	0.81	1.01	0.79	0.86	+9	−6	+2	+20	−6	+13	−7	−15	+16	+9	0	−0.89
*38666		07 55 00.45	+51 45 31.8	9.00		H	118.751 860 32	+51.758 838 88		2.77	−4.22	−5.29	1.00	0.74	1.41	1.32	0.94	+6	+14	−13	−40	−33	+19	−28	−23	−1	−5	0	−1.58
*38667		07 55 00.44	−52 35 00.1	6.36		H	118.751 824 27	−52.583 357 68		3.25	−13.58	11.49	0.45	0.49	0.51	0.51	0.52	+16	+2	+2	−22	−14	+1	−13	−18	+17	+4	1	2.25
38668		07 55 00.60	−23 27 55.4	6.99		H	118.752 511 96	−23.465 378 18		5.93	−12.30	2.75	0.55	0.52	0.76	0.64	0.55	+17	+9	−6	−22	−4	+4	−1	−36	+17	+34	1	−0.12
38669		07 55 02.00	+12 34 10.2	6.97		H	118.758 319 24	+12.569 506 90		2.91	−7.57	−5.51	0.93	0.70	1.11	1.17	0.87	−15	+28	−48	−21	−9	−7	−14	+1	+14	+10	0	−0.07
38670	H	07 55 02.52	−31 05 56.7	8.60		H	118.760 503 05	−31.099 076 93	A	0.81	9.80	10.14	1.01	1.25	1.54	1.08	1.14	+3	−4	+2	+7	+1	+15	−1	−16	+9	−7	1	−0.09
38671		07 55 03.60	−54 38 29.4	7.81		H	118.765 000 32	−54.641 497 24		4.72	−31.85	8.42	0.60	0.55	0.64	0.75	0.60	+5	+18	+14	+5	−1	+3	−2	+3	−4	−1	0	−1.45
38672	H	07 55 03.76	+10 23 04.9	8.90		H	118.765 667 47	+10.384 695 22	*	2.46	0.30	−13.77	1.30	1.05	1.41	1.65	1.46	−27	+7	−17	+1	−30	−18	−36	+36	+17	−24	0	−0.32
38673		07 55 05.17	+51 51 43.3	10.19		G	118.771 523 70	+51.862 041 62		15.15	10.01	−289.88	2.17	1.13	2.15	2.31	1.68	+16	+22	−27	−68	−32	+5	−39	−56	+21	+28	0	−0.09
38674		07 55 05.35	−02 15 10.0	8.79		G	118.772 271 15	−02.252 765 38		3.06	−13.11	−0.85	1.20	0.87	1.28	1.51	1.04	−15	+26	−39	−39	+1	−6	−4	−18	+4	+12	0	1.22
38675		07 55 07.48	+41 57 37.7	8.11		H	118.781 183 57	+41.960 479 11		4.42	4.60	3.88	1.13	0.50	1.18	1.51	1.05	−12	+38	−5	+23	−4	−3	+16	−9	+27	+18	0	1.15
38676		07 55 07.92	+06 59 45.7	8.00		G	118.783 006 09	+06.996 021 35		5.06	−3.75	−18.12	0.99	0.78	1.19	1.15	0.94	−5	+9	−42	−40	+3	−20	−8	−7	−26	+0	0	0.37
38677		07 55 08.33	+28 23 03.6	7.33		H	118.784 691 24	+28.384 322 52		14.66	−54.23	−58.57	0.82	0.58	0.96	1.01	0.68	−42	+21	−27	+4	+2	−33	−6	−5	+12	−43	0	1.97
38678		07 55 08.59	+21 40 16.8	8.64		H	118.785 799 01	+21.671 324 85		3.03	−15.54	1.56	1.01	0.70	1.09	1.15	0.84	−43	+37	−20	−4	−11	−12	−11	−1	+8	−44	0	1.22
38679		07 55 08.62	+27 04 47.2	8.23		H	118.785 906 20	+27.079 768 97		3.35	−8.42	−1.14	0.98	0.57	1.09	0.97	0.66	−27	+47	−15	−5	−5	−15	−7	−7	+1	−25	0	0.56
38680		07 55 10.38	−04 34 17.2	8.20		H	118.793 255 62	−04.571 440 63		4.36	−15.08	−23.28	1.02	0.68	1.23	1.31	0.88	−35	+49	−48	−13	+16	−24	−9	+23	−13	+28	2	0.13
38681		07 55 10.81	+37 11 40.6	7.92		H	118.795 058 31	+37.194 620 66		11.57	−23.13	−38.80	1.09	0.56	1.15	1.47	0.99	+6	+21	−6	+1	−3	−11	+1	−4	+18	+22	0	−0.98
38682		07 55 11.04	+09 20 59.9	6.81		H	118.795 982 58	+09.349 982 08		2.69	−17.85	−4.92	1.05	0.72	1.23	1.11	0.84	−22	+44	−43	−33	−7	−48	−33	+21	+0	−12	0	0.98
38683		07 55 11.87	−24 13 38.6	10.66		G	118.799 438 76	−24.227 396 09		0.38	−5.24	−0.16	1.55	1.46	2.13	2.07	1.73	+4	+13	+4	−26	+11	−1	+9	−28	+2	+7	0	−2.01
*38684		07 55 12.55	+54 09 45.7	9.72	2	H	118.802 312 28	+54.162 696 72		2.63	−15.02	−8.41	1.01	0.68	1.42	1.52	1.11	+1	+36	+4	−34	−20	−6	−26	−37	−22	+3	0	−0.04
*38685		07 55 12.54	+07 09 54.9	8.47		H	118.802 266 78	+07.165 261 98		3.59	−5.87	3.07	1.09	0.90	1.30	1.25	1.16	−19	+9	−35	−33	+2	−18	−6	+0	−24	−26	0	0.45
38686		07 55 13.87	−30 55 03.8	6.45		G	118.807 777 74	−30.917 710 61		2.52	−25.93	27.60	0.39	0.47	0.65	0.44	0.45	+2	+2	−4	+13	+2	+19	+1	−25	+20	+0	1	0.00
38687	H	07 55 13.88	+48 08 53.5	8.01		H	118.807 813 82	+48.148 186 48	A	1.94	−8.83	−13.82	1.36	0.74	1.30	1.69	1.02	+35	+19	+22	+36	+12	+8	+0	−1	−15	+11	1	−0.06
38688		07 55 14.23	+43 28 11.7	9.15		H	118.809 280 85	+43.469 921 68		1.10	−11.00	15.90	1.41	0.70	1.43	1.99	1.57	−5	+22	+12	+4	+17	+0	+24	−33	−14	+1	0	0.00
38689		07 55 14.56	−42 32 58.0	8.72		H	118.810 670 37	−42.549 444 80		4.97	−19.40	25.76	0.60	0.62	0.71	0.65	0.67	−6	+7	+8	−15	+7	+3	+6	−27	+4	−16	1	−1.68
38690		07 55 15.75	−52 54 08.7	6.99		H	118.815 645 11	−52.902 412 61		8.57	−10.55	38.14	0.47	0.53	0.55	0.55	0.56	+14	+7	+6	−10	−14	−8	−12	−12	+10	+6	0	1.27
38691		07 55 17.16	−11 09 05.3	7.34		H	118.821 482 62	−11.151 474 08		0.89	−0.25	1.32	0.60	0.56	0.91	0.80	0.68	−15	+23	−32	+3	+0	−22	−4	+15	−10	+15	0	1.03
38692		07 55 18.34	−25 55 55.1	7.44		H	118.826 402 21	−25.931 974 52		3.47	−25.22	19.50	0.52	0.58	0.94	0.60	0.61	−4	+10	−5	+24	+8	−15	+7	−20	+17	−9	0	−0.51
38693		07 55 18.62	+38 12 36.3	8.07		H	118.827 587 00	+38.210 082 76		1.53	3.91	−7.85	1.07	0.57	1.10	1.47	0.98	−5	+14	−7	+17	−2	−1	+1	−3	+12	+10	0	0.84
38694		07 55 20.00	−11 46 25.5	8.10		H	118.833 353 24	−11.773 741 88		1.65	−3.51	1.52	0.74	0.55	0.98	0.89	0.66	+0	+27	−26	+11	+16	−9	+15	+12	+5	+2	0	1.04
38695		07 55 20.43	−73 06 35.7	8.40		H	118.835 132 63	−73.109 926 35		4.01	1.55	1.95	0.63	0.65	0.72	0.58	0.65	+15	+17	+16	−31	−6	−5	−4	+2	+0	+7	0	−0.09
38696		07 55 21.31	+40 21 24.2	8.33		H	118.838 791 09	+40.356 717 91		5.57	31.44	−8.03	1.09	0.59	1.22	1.69	1.14	−4	+19	−24	+15	−12	+19	+4	−13	+34	+39	2	−1.09
38697		07 55 22.46	+78 44 15.9	8.92		G	118.843 600 52	+78.737 763 13		6.45	−45.12	−56.31	0.71	0.64	0.94	0.87	0.80	−8	+29	+2	+4	−18	+6	−18	−22	−10	−3	0	−1.06
38698		07 55 23.01	−53 36 49.5	9.22		G	118.845 862 05	−53.613 749 42		1.51	−10.47	9.66	1.07	1.03	1.17	1.32	1.08	+5	+16	+24	+24	−9	−11	−5	+0	+9	−4	0	2.59
38699		07 55 23.77	+63 20 23.5	7.81		H	118.849 041 29	+63.339 860 36		9.17	−38.08	−52.62	0.58	0.55	0.87	0.60	0.61	+9	+24	−14	+13	+14	−4	+22	−19	+19	+22	0	−1.86
*38700		07 55 24.05	−47 18 47.1	7.09		H	118.850 200 38	−47.313 085 12		4.11	6.01	1.32	0.50	0.45	0.55	0.58	0.44	+2	+4	+7	−3	−8	+0	−7	−11	+11	−7	2	−0.48

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
38601	8.993	0.014	7.031	0.006		1.663	0.013	T	1.93	0.04	O	6.9268	0.0022	0.016	88		6.90	6.95		U 2			1							S
38602	10.032	0.027	9.349	0.023		0.631	0.029	T	0.70	0.03	L	9.3952	0.0025	0.021	115		9.36	9.44		C			1							
38603	10.107	0.029	8.893	0.018		1.038	0.027	T	1.01	0.02	L	8.9400	0.0020	0.013	80		8.92	8.97		C			1							
38604	8.395	0.008	7.354	0.005		0.905	0.007	T	0.91	0.01	L	7.4052	0.0007	0.009	154		7.39	7.42		C			1							S
38605	8.942	0.015	8.957	0.020		−0.009	0.023	T	0.01	0.02	L	8.9745	0.0023	0.018	86		8.95	9.01					1							
38606	8.822	0.010	8.850	0.013		−0.021	0.015	T	0.00	0.01	L	8.8810	0.0020	0.020	162		8.85	8.95		C			1							
38607	10.511	0.018	9.082	0.010		1.206	0.016	T	1.17	0.02	L	9.1226	0.0014	0.024	287		9.08	9.16					1	S						
38608	7.330	0.005	7.350	0.005		−0.014	0.006	T	0.01	0.01	L	7.3558	0.0010	0.012	186		7.33	7.37					1							S
38609	9.603	0.023	9.295	0.025		0.293	0.032	T	0.33	0.04	L	9.3441	0.0024	0.025	103		9.29	9.40		C			1							
38610	8.406	0.010	8.540	0.013		−0.122	0.006	G	−0.11	0.01	H	8.5148	0.0015	0.018	140		8.49	8.55					1							
38611	9.419	0.020	8.539	0.015		0.785	0.019	T	0.82	0.01	L	8.5607	0.0013	0.013	78		8.54	8.58		C			1							
38612	7.325	0.006	7.448	0.007		−0.106	0.008	T	−0.09	0.01	L	7.4346	0.0009	0.009	101		7.42	7.45		C			1							S
38613	9.690	0.019	9.058	0.017		0.587	0.022	T	0.66	0.02	L	9.1142	0.0017	0.020	145		9.08	9.15		C			1							
38614	9.072	0.025	8.945	0.030		0.123	0.037	T	0.14	0.04	L	8.9592	0.0019	0.010	55		8.93	8.98					1							
38615	6.694	0.003	6.604	0.004		0.081	0.005	T	0.09	0.01	L	6.6327	0.0007	0.009	201		6.62	6.65		C			1							S
38616	9.961	0.024	9.486	0.024		0.447	0.031	T	0.52	0.03	L	9.5501	0.0024	0.020	137		9.52	9.58		C			1							
38617	8.410	0.014	8.348	0.017		0.062	0.020	T	0.07	0.02	L	8.3723	0.0022	0.018	52		8.34	8.40		D			1	S						S
38618	8.486	0.010	7.236	0.005		1.066	0.009	T	1.03	0.01	L	7.2819	0.0009	0.008	127		7.27	7.30					1							S
38619	12.030	0.132	10.883	0.076	*	0.999	0.047	G	1.04	0.06	I *	11.0257	0.0040	0.031	117	*	10.96	11.08		C	07545+6008	H 1	2	C	C	AB	194	0.578	0.034	2.49	0.13	G
38620	9.622	0.023	8.029	0.012		1.335	0.020	T	1.30	0.02	L	7.9861	0.0033	0.021	79		7.95	8.03		U 2	07545+2610	I 1	1							
38621	9.023	0.011	8.010	0.008		0.884	0.010	T	0.89	0.01	L	8.0434	0.0013	0.014	137		8.01	8.07					1							S
38622	8.890	0.010	8.857	0.012	*	0.030	0.014	T	0.05	0.01	L *	8.8911	0.0013	0.018	167	*	8.86	8.92		D	07545−3229	H 1	2	C	A	AB	275	0.221	0.006	1.19	0.11	
38623	7.711	0.006	6.375	0.003		1.133	0.005	T	1.10	0.01	L	6.4195	0.0006	0.006	143		6.41	6.43					1							S
38624	9.476	0.017	7.701	0.008		1.479	0.015	T	1.50	0.02	L	7.6474	0.0016	0.016	140		7.62	7.67		M			1							S
38625	8.318	0.017	7.494	0.011	A	0.739	0.025	G	0.85	0.02	A *	7.5602	0.0016	0.008	47	*	7.55	7.58		D	07546−0125	H 1	2	C	C	AB	99	4.876	0.103	4.04	0.51	S
38626	8.658	0.019	8.271	0.019		0.300	0.015	G	0.34	0.02	H	8.3220	0.0020	0.010	44		8.31	8.34		C			1							
38627	10.537	0.037	8.936	0.017		1.341	0.032	T	1.31	0.04	L	8.9424	0.0015	0.013	88		8.92	8.96					1							
38628	9.055	0.013	8.514	0.012		0.514	0.013	T	0.59	0.01	L	8.5794	0.0011	0.014	126		8.56	8.61					1							
38629	10.119	0.020	8.937	0.012		1.013	0.018	T	0.99	0.01	L	9.0019	0.0016	0.018	166		8.97	9.04					1							
38630	10.529	0.047	9.892	0.041	*	0.592	0.054	T	0.66	0.05	L *	9.7683	0.0025	0.017	81	*	9.74	9.80		D	07546+2513	I 1	2	C	A	AB	307	0.954	0.007	0.60	0.03	
38631	9.109	0.014	8.421	0.012		0.613	0.007	G	0.68	0.01	H	8.4943	0.0012	0.012	87		8.47	8.51		C			1							
38632	9.473	0.026	7.772	0.012		1.420	0.023	T	1.40	0.04	L	7.7549	0.0013	0.012	96		7.73	7.78		C			1							S
38633	9.537	0.020	8.295	0.013		1.060	0.019	T	1.03	0.02	L	8.3342	0.0018	0.015	102		8.31	8.36					1							
38634	11.138	0.070	9.426	0.025		1.429	0.059	T	1.42	0.09	L	9.3919	0.0032	0.020	90		9.34	9.43					1							
38635	8.151	0.008	6.315	0.003		1.540	0.005	G	1.59	0.01	H	6.2721	0.0010	0.012	150		6.26	6.29		M			1							S
38636	9.248	0.021	8.430	0.017		0.738	0.021	T	0.79	0.01	L	8.5001	0.0019	0.016	85		8.47	8.52		C			1							S
38637	9.304	0.023	8.758	0.021		0.512	0.028	T	0.58	0.03	L	8.8097	0.0018	0.016	69		8.79	8.84					1							
38638	9.262	0.019	8.258	0.014		0.877	0.018	T	0.89	0.01	L	8.3222	0.0017	0.013	77		8.30	8.34		C			1							S
38639	7.388	0.005	5.625	0.003		1.462	0.002	G	1.47	0.00	H	5.6016	0.0009	0.008	140		5.59	5.61					1							S
38640	10.583	0.051	9.111	0.022		1.240	0.044	T	1.20	0.04	L	9.1188	0.0022	0.018	102		9.09	9.15		C			1							
38641	10.436	0.031	9.031	0.017		1.187	0.028	T	1.15	0.03	L	9.0735	0.0023	0.016	119		9.04	9.10					1							
38642	9.247	0.014	8.029	0.009		1.041	0.013	T	1.01	0.01	L	8.0768	0.0015	0.015	116		8.06	8.10					1							
38643	9.182	0.016	7.932	0.010		1.066	0.015	T	1.03	0.01	L	7.9679	0.0015	0.012	88		7.95	7.99		C			1							
38644	10.547	0.055	9.893	0.046		0.607	0.061	T	0.68	0.05	L	9.9455	0.0025	0.026	79		9.89	9.98					1							
38645	10.186	0.027	9.346	0.021		0.739	0.026	T	0.79	0.02	L	9.3993	0.0016	0.016	103		9.38	9.45					1	S						
38646	10.485	0.044	9.462	0.029		0.838	0.002	G	0.88	0.00	H	9.5093	0.0026	0.020	105		9.48	9.55		C			1	S						
38647	8.614	0.015	7.866	0.013		0.659	0.015	G	0.72	0.01	H	7.9187	0.0010	0.011	75		7.90	7.94		D			1							S
38648	9.228	0.015	7.472	0.007		1.460	0.020	G	1.47	0.03	H	7.4421	0.0011	0.011	115		7.43	7.46					1							S
38649	8.724	0.010	8.187	0.009		0.529	0.015	G	0.60	0.02	H	8.2263	0.0013	0.012	113		8.21	8.24		C			1							S
38650	7.201	0.006	7.312	0.007		−0.100	0.000	G	−0.08	0.00	H	7.3101	0.0019	0.019	117		7.28	7.34	1.04	P 1 A			1							S P
38651	8.931	0.024	8.559	0.024		0.260	0.020	G	0.29	0.03	H	8.5877	0.0025	0.012	43		8.57	8.64		C			1							
38652	7.050	0.004	7.174	0.005		−0.108	0.003	G	−0.09	0.00	H	7.1654	0.0013	0.014	179		7.15	7.19		M			1							S
38653	9.808	0.033	8.476	0.019		1.084	0.002	G	1.07	0.02	A	8.5179	0.0027	0.010	44		8.49	8.53		C			1							
38654	7.611	0.006	7.457	0.008		0.140	0.009	T	0.15	0.01	L	7.4905	0.0008	0.010	134		7.47	7.51		D			1	S						S
38655	10.672	0.054	10.520	0.073		0.090	0.015	G	0.10	0.02	H	10.6234	0.0040	0.035	122		10.56	10.69					1							D
38656	7.314	0.005	5.762	0.003		1.298	0.001	G	1.27	0.04	E	5.7790	0.0006	0.007	124		5.77	5.79		C			1							S
38657	9.018	0.013	7.867	0.009		0.950	0.000	G	1.00	0.00	I	7.9016	0.0017	0.012	100		7.88	7.93		C	07549+1914	I 1	1							
38658	8.153	0.012	7.534	0.010		0.566	0.015	G	0.64	0.01	H	7.5972	0.0009	0.007	74		7.58	7.62					1							S
38659	8.788	0.015	7.644	0.010		0.983	0.014	T	0.96	0.01	L	7.7089	0.0012	0.012	107		7.69	7.73		C			1							S
38660	9.048	0.010	9.003	0.014		0.041	0.015	T	0.06	0.01	L	8.9953	0.0017	0.019	173		8.96	9.04					1							
38661	9.297	0.015	8.035	0.009		1.075	0.014	T	1.04	0.01	L	8.0975	0.0010	0.011	128		8.08	8.11		C			1							S
38662	10.883	0.057	10.674	0.073		0.200	0.087	T	0.22	0.10	L	10.6343	0.0034	0.030	109		10.57	10.69					1							G
38663	10.606	0.041	10.216	0.046		0.369	0.057	T	0.43	0.06	L	10.2423	0.0034	0.024	94		10.20	10.31		C			1							G
38664	8.006	0.009	7.752	0.010		0.242	0.013	T	0.27	0.02	L	7.8160	0.0013	0.011	102		7.80	7.83					1							S
38665	9.466	0.015	9.091	0.016		0.366	0.019	T	0.43	0.02	L	9.1677	0.0018	0.023	150		9.13	9.21		C			1	S						
38666	10.746	0.036	9.125	0.016		1.357	0.031	T	1.32	0.04	L	9.1446	0.0020	0.021	144		9.11	9.18		C			1							
38667	6.345	0.004	6.358	0.005		−0.007	0.006	T	0.01	0.01	L	6.3620	0.0010	0.007	110		6.35	6.37					1							S
38668	7.023	0.005	6.991	0.006		0.029	0.007	T	0.05	0.01	L	7.0103	0.0009	0.009	137		7.00	7.02		C			1							S
38669	8.233	0.013	7.078	0.009		0.992	0.012	T	0.97	0.01	L	7.1410	0.0007	0.005	52		7.13	7.15		D			1							S
38670	9.850	0.033	8.681	0.018	*	1.003	0.030	T	0.98	0.02	L *	8.7665	0.0023	0.019	171	*	8.73	8.81		D	07550−3106	I 1	2	C	A	AB	240	3.404	0.013	2.51	0.07	
38671	9.079	0.015	7.924	0.010		0.992	0.014	T	0.97	0.01	L	7.9762	0.0014	0.012	102		7.96	7.99		C			1							
38672	9.457	0.029	8.956	0.028	*	0.471	0.036	T	0.54	0.04	L *	9.0087	0.0025	0.013	49	*	8.97	9.03			07551+1023	H 1	2	C	S A	AB	354	0.168	0.010	0.59	0.42	
38673	11.439	0.067	10.352	0.043		0.941	0.020	G	0.99	0.02	I	10.3472	0.0027	0.023	140		10.31	10.39		C			1	G						G
38674	8.842	0.018	8.790	0.023		0.050	0.015	G	0.06	0.01	H	8.8138	0.0027	0.014	46		8.78	8.84		C			1							
38675	8.367	0.014	8.128	0.015		0.228	0.019	T	0.25	0.02	L	8.1769	0.0016	0.011	93		8.16	8.21		C			1							S
38676	8.282	0.014	8.016	0.015		0.223	0.001	G	0.25	0.00	H	8.0687	0.0016	0.010	50		8.04	8.08		C			1							S
38677	7.838	0.008	7.377	0.008		0.435	0.010	T	0.50	0.01	L	7.4294	0.0009	0.009	79		7.41	7.45		C			1							S
38678	9.050	0.015	8.691	0.016		0.327	0.007	G	0.38	0.01	H	8.7208	0.0017	0.015	88		8.69	8.74			07551+2140	I 1	1	S						
38679	9.473	0.020	8.324	0.013		0.987	0.019	T	0.97	0.01	L	8.3993	0.0011	0.011	89		8.38	8.42		C			1							S
38680	8.482	0.014	8.220	0.015		0.249	0.019	T	0.28	0.02	L	8.2724	0.0009	0.011	72		8.25	8.29					1							S
38681	8.435	0.011	7.978	0.012		0.448	0.015	G	0.52	0.02	H	8.0182	0.0016	0.016	84		7.99	8.05					1							S
38682	8.275	0.014	6.927	0.009		1.143	0.013	T	1.11	0.01	L	6.9767	0.0009	0.007	43		6.96	6.99					1							S
38683	10.790	0.060	10.647	0.081		0.120	0.015	G	0.13	0.01	H	10.7417	0.0049	0.039	119		10.67	10.82		C			1							D
38684	10.128	0.022	9.802	0.024		0.309	0.030	T	0.35	0.04	L	9.7991	0.0040	0.049	177		9.75	10.19	1.59	P 1 A			1							
38685	8.512	0.014	8.477	0.017		0.037	0.020	T	0.05	0.02	L	8.4863	0.0020	0.012	49		8.47	8.51		C			1							
38686	8.364	0.008	6.610	0.004		1.474	0.003	G	1.42	0.04	E	6.5913	0.0008	0.010	174		6.57	6.61					1							S
38687	8.062	0.007	8.030	0.009	A	0.000	0.495	G	0.03	0.01	L *	8.0176	0.0014	0.013	144	*	7.99	8.04		C	07552+4809	I 1	2	C	D	AB	200	4.151	0.034	3.75	0.14	S D
38688	10.362	0.035	9.269	0.022		0.944	0.032	T	0.93	0.02	L	9.3147	0.0027	0.017	104		9.29	9.35					1							
38689	8.819	0.012	8.708	0.014		0.100	0.017	T	0.11	0.02	L	8.7611	0.0013	0.013	129		8.73	8.80					1							
38690	7.440	0.007	7.038	0.006		0.380	0.009	T	0.44	0.01	L	7.0817	0.0010	0.009	116		7.06	7.10					1							S
38691	7.171	0.007	7.304	0.008		−0.116	0.009	T	−0.10	0.01	L	7.3038	0.0011	0.011	93		7.28	7.32					1	G						S
38692	9.164	0.013	7.574	0.007		1.304	0.005	G	1.26	0.01	H	7.5943	0.0011	0.012	152		7.57	7.61					1							
38693	9.442	0.025	8.170	0.016		1.083	0.023	T	1.05	0.02	L	8.2420	0.0014	0.015	81		8.22	8.27		C			1							
38694	8.142	0.010	8.106	0.012		0.038	0.014	T	0.05	0.01	L	8.1245	0.0011	0.013	95		8.11	8.15		D			1							
38695	10.004	0.022	8.520	0.012		1.249	0.020	T	1.21	0.02	L	8.5571	0.0018	0.018	110		8.52	8.59					1							
38696	9.014	0.015	8.389	0.014		0.581	0.018	T	0.65	0.02	L	8.4576	0.0019	0.014	100		8.44	8.48					1							S
38697	9.394	0.013	8.914	0.013		0.400	0.015	G	0.47	0.02	H	8.9912	0.0019	0.019	133		8.96	9.03					1							
38698	11.369	0.109	9.363	0.027		1.586	0.005	G	1.56	0.01	J	9.3280	0.0023	0.026	104		9.28	9.38		D	07554−5337	I 2	1							
38699	8.519	0.008	7.880	0.007		0.594	0.009	T	0.66	0.01	L	7.9361	0.0012	0.015	150		7.91	7.96		C			1							
38700	9.193	0.016	7.283	0.007		1.616	0.020	G	2.01	0.02	A	7.1697	0.0013	0.014	115		7.15	7.19					1							S

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
*38701		07 55 24.28	−53 37 22.7	7.80		G	118.851 152 83	−53.622 959 41		0.91	−4.07	6.31	0.61	0.65	0.70	0.78	0.68	+9	+5	+10	+6	−13	−12	−10	−9	+17	−4	0	0.70
*38702		07 55 23.89	−15 29 54.1	11.16		H	118.849 528 69	−15.498 370 06		25.70	51.99	111.05	1.73	1.73	2.49	1.91	2.21	−44	+19	−20	−18	−13	−7	−15	+13	−7	−52	1	1.77
38703		07 55 24.96	−24 16 50.7	11.39	2	G	118.854 003 50	−24.280 739 27		0.54	−4.25	−2.20	2.05	1.71	2.74	2.91	1.93	+11	−3	−11	−18	+15	+5	+11	−22	+13	+16	0	0.14
38704		07 55 25.76	−46 39 57.1	7.82		H	118.857 315 07	−46.665 868 76		0.94	−0.21	7.06	0.59	0.53	0.64	0.64	0.52	+1	+7	+2	−9	−3	−8	−2	−18	+12	−11	1	−1.30
38705		07 55 27.04	+47 28 19.0	9.16		H	118.862 669 49	+47.471 957 85		2.86	−1.47	−15.83	1.22	0.61	1.32	2.02	1.16	+18	+9	+7	+6	+2	+15	−5	−25	−12	+0	0	0.50
38706		07 55 27.54	+59 46 36.1	8.69		H	118.864 738 51	+59.776 707 49		2.54	−5.37	−9.60	0.78	0.70	1.15	0.88	0.95	−16	+15	+14	+46	+12	+9	−3	−14	−13	−44	0	−0.83
38707		07 55 29.19	−19 02 50.6	6.84		H	118.871 610 42	−19.047 390 28		2.98	−4.12	−4.32	0.53	0.42	0.80	0.59	0.40	+23	+14	+8	−14	+5	−14	+7	−38	+0	+40	2	−0.56
38708		07 55 30.69	+08 43 17.7	7.87		H	118.877 887 15	+08.721 589 68		5.86	−12.05	−8.15	1.02	0.84	1.30	1.14	0.92	−19	+25	−43	−3	−5	−44	−34	+44	−22	−6	0	−0.60
38709		07 55 30.73	+62 02 38.1	7.04		H	118.878 047 76	+62.043 904 79		3.44	0.25	7.73	0.58	0.53	0.90	0.54	0.53	+6	+18	−12	+7	+23	−12	+31	−22	+13	+26	4	0.84
38710		07 55 31.10	−08 17 06.1	9.14		H	118.879 580 10	−08.285 016 67		4.19	−7.23	−15.89	0.95	0.91	1.44	1.15	1.05	−34	+22	−49	−12	+24	−32	+5	+10	−18	−5	0	1.11
38711	H	07 55 31.40	+24 21 47.5	8.51		H	118.880 825 81	+24.363 186 35	*	3.97	−5.43	−6.57	1.07	0.66	1.17	1.24	0.90	−21	+30	−12	−3	−21	−22	−25	+20	+6	−16	0	0.51
38712		07 55 31.44	+08 51 47.0	5.86		H	118.880 990 24	+08.863 057 10		26.21	−6.92	−89.51	0.89	0.61	0.95	0.93	0.75	+5	+16	−29	−14	−17	−34	−32	+25	−11	−6	0	−0.14
38713		07 55 32.09	−10 39 43.9	7.33		G	118.883 726 99	−10.662 200 11		9.35	−16.53	−26.16	0.68	0.77	1.09	0.74	0.75	−40	+30	−59	−4	+12	−34	−19	+37	−23	−11	2	0.48
38714		07 55 33.29	−02 11 23.9	8.02		G	118.888 707 00	−02.189 983 53		3.35	−5.40	−3.91	0.95	0.69	1.09	1.11	0.80	−18	+40	−36	−23	+4	−26	−11	+2	−9	+11	0	0.39
38715		07 55 34.63	−50 42 32.4	9.02		H	118.894 287 22	−50.708 990 99		6.86	−66.11	9.02	0.71	0.78	0.84	0.80	0.82	+5	+25	−6	−11	−8	+1	−5	−20	+10	+3	1	0.14
38716		07 55 35.44	−27 55 32.6	10.73		H	118.897 677 84	−27.925 733 99		2.95	−1.43	3.50	0.84	1.28	1.98	1.00	1.54	+13	+2	+10	−7	+6	+18	+5	−6	+6	+4	2	2.33
38717		07 55 35.66	+03 16 19.2	8.97		H	118.898 582 56	+03.272 002 66		2.59	−10.84	−5.83	1.37	1.00	1.47	1.42	1.06	+15	+20	−47	−48	−19	−8	−25	−21	+3	+21	0	−0.74
38718		07 55 35.84	−15 34 43.4	7.00		H	118.899 316 33	−15.578 730 27		18.02	−109.84	−29.14	0.58	0.53	0.86	0.68	0.66	−21	+14	−1	−6	−14	−22	−15	+2	+3	−36	0	−0.29
38719		07 55 37.15	+35 57 50.5	8.50		H	118.904 775 43	+35.964 019 83		7.17	22.86	18.32	1.13	0.68	1.29	1.30	1.12	−21	+18	−7	−3	−4	+11	−12	−4	−36	−31	0	0.48
38720		07 55 38.57	+40 18 00.7	7.95		H	118.910 710 77	+40.300 186 66		0.81	−3.69	−20.72	1.06	0.57	1.19	1.60	1.07	−5	+22	−31	+17	−15	+22	+2	−12	+35	+39	2	−1.73
38721		07 55 39.30	−27 53 54.4	11.05		G	118.913 732 00	−27.898 432 57		−1.49	−4.03	1.66	0.98	1.50	2.33	1.17	1.82	+12	−1	+7	−8	+6	+16	+6	−4	+4	+4	0	1.52
38722		07 55 39.90	+19 53 02.6	5.38		H	118.916 267 46	+19.884 066 57		9.61	−14.67	−39.79	0.67	0.43	0.73	0.78	0.46	−32	+29	−15	+14	−28	−6	−23	−2	+19	−57	0	0.84
38723		07 55 40.87	+35 24 45.9	6.23		H	118.920 286 80	+35.412 747 81		16.55	−56.04	−26.18	0.83	0.57	0.92	1.03	1.01	−37	+15	+6	−16	+27	+10	+22	−41	−32	−44	0	−0.32
38724		07 55 41.24	−13 43 56.9	7.26		H	118.921 838 65	−13.732 462 32		4.53	−47.68	20.56	0.65	0.50	0.85	0.88	0.71	−5	+22	−14	+4	+11	−24	+11	+9	+12	−3	0	1.79
38725		07 55 41.85	+81 04 14.4	10.60		H	118.924 385 21	+81.070 654 43		0.94	4.82	5.98	1.00	1.07	1.32	1.17	1.16	+13	+22	−3	−1	−5	−1	−5	−5	−6	+21	2	0.07
38726		07 55 42.14	−03 17 39.7	8.59		H	118.925 577 98	−03.294 348 44		0.90	11.39	2.49	1.04	0.79	1.19	1.48	1.02	+4	+14	−30	−5	+18	−30	+6	+3	−25	+28	0	0.21
38727		07 55 43.30	−38 20 12.4	7.99		H	118.930 404 11	−38.336 764 49		2.12	−8.68	2.64	0.52	0.59	0.70	0.53	0.57	−1	+2	+15	+20	−9	+10	−11	−8	+9	−4	0	−1.26
38728		07 55 44.08	−03 11 53.6	10.31	2	H	118.933 661 93	−03.198 223 41		−2.84	−1.74	2.86	1.84	1.44	2.05	2.39	1.77	−12	+30	−27	−5	+14	−13	+7	+1	−12	+8	0	2.47
38729		07 55 44.80	−48 02 30.3	9.42		H	118.936 679 73	−48.041 741 84		11.50	12.99	−4.10	0.79	0.73	0.89	0.89	0.72	+0	−5	+8	+1	−12	+17	−13	−12	+2	−5	0	−0.47
38730		07 55 45.44	+13 19 55.2	7.96		H	118.939 314 54	+13.331 994 64		6.80	−15.77	−48.63	1.04	0.75	1.20	1.15	0.90	−8	+15	−29	−17	−3	−26	−12	+12	−8	−10	0	−0.41
38731		07 55 45.80	+49 16 16.1	8.95		H	118.940 853 73	+49.271 129 85		7.49	−22.01	−32.83	1.40	0.70	1.50	1.68	1.09	+39	+43	+29	+7	−1	+0	−17	−27	−31	+20	0	0.79
38732	H	07 55 46.60	−43 50 42.2	6.02		G	118.944 147 55	−43.845 057 68	A	3.81	−12.42	1.40	0.95	1.21	1.04	0.86	1.01	+5	−5	+9	−3	+2	+6	−1	−19	+12	−4	6	−0.36
38733		07 55 47.23	−27 06 48.2	7.94		H	118.946 786 35	−27.113 378 19		5.36	−13.23	−42.86	0.42	0.62	0.99	0.49	0.66	+10	−3	−8	+11	+10	+5	+9	−6	+14	+8	0	−0.65
38734		07 55 47.65	+10 26 36.5	7.03		G	118.948 561 65	+10.443 468 99		3.79	−15.04	−9.24	0.85	0.62	0.95	1.02	0.78	−15	+34	−31	−9	−18	−24	−31	+32	−3	+6	0	1.89
38735		07 55 48.53	+35 58 22.5	9.18		G	118.952 195 85	+35.972 905 99		2.20	−4.66	−6.94	1.33	0.80	1.41	1.47	1.26	−40	+29	−14	−8	+2	+10	−2	−11	−10	−40	2	−0.66
38736		07 55 49.89	−64 42 36.6	9.15		H	118.957 882 87	−64.710 157 93		4.67	−11.82	58.31	0.81	0.86	0.91	0.74	1.00	−18	+0	+6	−31	−17	−10	−7	+14	+12	−48	2	0.84
38737	H	07 55 50.14	−45 58 48.2	6.74	1	G	118.958 924 33	−45.980 068 88	*	3.17	−11.91	5.52	0.77	0.86	0.56	0.62	0.45	−4	+19	+7	−11	+7	−12	+12	−10	+15	−16	0	0.48
*38738		07 55 50.63	+38 03 12.4	8.70	2	H	118.960 977 63	+38.053 430 63		−0.01	−3.33	−10.83	1.14	0.58	1.22	1.63	1.05	−3	+33	+8	+15	−1	−9	+7	+4	+10	+20	2	−1.47
*38739		07 55 50.62	−61 10 09.2	8.17		H	118.960 932 09	−61.169 225 69		2.51	−4.36	11.26	0.56	0.58	0.61	0.62	0.65	−4	−7	+12	+15	−6	+14	−12	−11	+0	−18	0	1.34
38740		07 55 52.16	−62 20 48.6	9.01		H	118.967 316 28	−62.346 837 18		2.46	−8.12	13.42	0.73	0.68	0.75	0.95	0.79	−6	+0	+12	−4	−5	−5	−5	−9	+12	−33	0	0.44
38741		07 55 52.85	−28 37 46.8	9.97		G	118.970 219 79	−28.629 670 84		1.94	−3.53	1.96	0.90	1.15	1.65	0.97	1.17	+2	−15	−10	+22	−13	+1	−18	−23	+20	−7	5	1.80
38742		07 55 52.93	−43 18 10.2	9.61		H	118.970 536 89	−43.302 833 85		5.58	14.18	−16.37	0.88	0.99	1.09	1.04	1.15	−0	+21	+17	−21	+16	−5	+17	−32	+4	−15	1	0.03
38743		07 55 54.18	−06 31 36.2	7.91		H	118.975 762 52	−06.526 713 15		4.02	19.63	−18.18	0.77	0.65	1.11	0.91	0.83	−24	+22	−40	+21	+21	−21	+15	+29	−11	−3	2	0.82
38744		07 55 54.71	+39 17 12.4	7.25		H	118.977 962 24	+39.286 771 11		2.97	3.71	1.27	0.90	0.47	0.93	1.11	0.77	−5	+41	−10	+12	−1	−1	+6	−4	+11	+18	0	−1.85
38745		07 55 55.11	+34 27 16.3	8.44		G	118.979 638 38	+34.454 521 27		5.86	11.18	−58.56	1.13	0.70	1.34	1.30	1.19	−14	+36	+26	−10	+17	+8	−2	−42	−42	−31	2	1.08
38746	H	07 55 55.78	−44 37 13.7	7.44		G	118.982 397 16	−44.620 475 35	*	1.13	−6.69	6.92	0.49	0.48	0.56	0.55	0.46	−8	+3	+0	+23	−8	+9	−8	−14	+10	−11	0	0.43
38747		07 55 58.21	−09 47 49.7	8.37		H	118.992 560 79	−09.797 144 18		20.69	21.01	−25.39	0.85	0.76	1.15	1.08	0.95	−30	+32	−34	+12	+10	−23	−5	+41	−15	−4	0	0.31
38748		07 55 58.61	−12 36 30.2	6.57		H	118.994 228 11	−12.608 396 02		10.10	−30.53	83.02	0.63	0.46	0.81	0.89	0.66	+16	+9	−23	+17	+30	−25	+26	+8	−8	+17	2	0.21
38749	H	07 55 59.13	+27 41 34.9	8.32		H	118.996 359 34	+27.693 027 35	A	3.84	−12.74	−8.74	2.65	2.63	1.59	1.74	1.15	+5	+11	−6	+4	−10	+12	−9	−6	+4	−29	0	−0.54
38750		07 56 00.52	+06 30 44.9	7.86		H	119.002 155 63	+06.512 481 48		12.64	208.13	−98.18	0.99	0.75	1.13	1.17	0.90	−13	+23	−38	−31	+5	−21	−7	−10	−14	+4	0	0.37
38751		07 56 01.44	+14 20 15.5	8.92		H	119.006 013 23	+14.337 643 68		3.19	−8.43	−0.58	1.43	0.93	1.46	1.66	1.25	−2	+32	−29	−43	−5	−15	−16	−13	−18	+7	0	0.06
38752		07 56 01.50	+24 39 56.5	7.70		H	119.006 258 95	+24.665 703 73	A	1.19	−0.17	6.25	2.45	1.49	2.06	2.14	1.56	−43	+48	−33	−10	−1	−7	−1	−4	+6	−16	1	0.10
*38753		07 56 01.98	+24 39 38.8	10.67		H	119.008 270 82	+24.660 775 19	B	29.46	−30.87	19.04	87.58	55.23	47.62	51.43	38.30	−41	+46	−29	−6	+0	−8	+2	−2	+8	−20	1	0.10
*38754		07 56 01.95	+34 22 10.5	7.57		H	119.008 133 37	+34.369 596 98		4.01	−15.86	−14.41	0.99	0.62	1.18	1.13	1.06	−16	+36	+25	−9	+18	+6	−1	−41	−41	−34	2	−0.94
38755	H	07 56 02.81	+23 41 35.1	7.32		G	119.011 714 28	+23.693 077 62	*	15.93	−138.71	−148.87	0.86	0.55	0.90	0.87	0.60	−17	+18	−11	−12	−30	−7	−27	+0	+11	−45	0	2.19
38756		07 56 02.99	−68 57 17.0	8.87		H	119.012 471 43	−68.954 723 35		1.78	1.99	9.47	0.77	0.74	0.79	0.91	0.89	−7	+5	+4	−9	−7	−7	−6	−8	+4	−21	1	−0.98
38757		07 56 03.34	−34 09 22.7	8.87		H	119.013 927 76	−34.156 304 49		3.53	−19.05	7.67	0.72	0.81	1.04	0.90	0.85	+5	+9	+4	+7	+10	+8	+7	−22	+0	+2	0	0.13
38758		07 56 04.57	−49 00 01.4	8.60		G	119.019 055 96	−49.000 377 78		2.70	−9.47	4.79	0.74	0.62	0.79	0.83	0.60	+4	+33	+9	−9	+2	−3	+3	−14	+6	−10	0	1.52
38759		07 56 04.83	−60 14 33.8	8.87		G	119.020 133 93	−60.242 724 66		2.59	−4.33	10.07	0.75	0.73	0.79	0.88	0.80	+1	+7	+17	+19	−5	+11	−10	−15	−4	−12	0	0.94
38760		07 56 05.41	−26 43 28.1	7.91		H	119.022 523 02	−26.724 480 52		1.30	−3.09	3.39	0.52	0.61	0.93	0.59	0.66	+1	+2	−1	+31	+8	+2	+8	−6	+1	+3	1	2.48
38761		07 56 06.47	+23 37 25.9	6.81		H	119.026 949 76	+23.623 850 15		3.66	−26.42	−18.11	0.77	0.49	0.82	0.77	0.54	−18	+28	−18	−13	−25	−10	−22	−5	+11	−46	0	−0.05
38762		07 56 06.74	+68 15 18.7	7.78	1	H	119.028 099 83	+68.255 208 31		1.18	−2.35	−15.84	0.49	0.71	1.02	0.48	0.85	+27	+15	−1	−43	−25	+3	−27	−22	+7	+33	0	−0.15
38763		07 56 07.69	−01 52 34.3	9.67		H	119.032 051 37	−01.876 193 92		3.96	−5.65	−13.10	1.84	1.38	2.03	2.27	1.80	−15	+34	−32	−21	−26	−12	−38	+16	−9	+11	0	0.60
38764		07 56 09.02	−09 51 47.7	7.87		G	119.037 573 32	−09.863 240 41		2.69	−2.71	0.22	0.81	0.67	1.09	1.08	0.79	−12	+26	−50	+36	+30	−23	+16	+43	−26	+31	0	0.34
38765		07 56 09.17	−71 59 10.3	7.94		H	119.038 224 92	−71.986 185 70		19.73	−21.88	133.29	0.61	0.61	0.65	0.66	0.67	−1	+32	+6	−9	−21	−7	−15	+13	−2	−29	0	−0.48
38766		07 56 09.18	−47 18 59.1	8.35		G	119.038 262 02	−47.316 425 68		2.97	−10.39	5.83	0.60	0.54	0.66	0.71	0.54	+0	+1	+8	+1	−7	−7	−6	−7	+8	−9	0	0.62
38767		07 56 09.66	+12 39 11.5	8.84		G	119.040 259 62	+12.653 198 21		2.30	−8.47	−4.49	1.14	0.77	1.17	1.35	1.02	−2	+23	−23	−34	−18	−14	−22	−2	+8	+3	0	−2.11
38768		07 56 09.93	−34 42 37.8	9.18		H	119.041 373 58	−34.710 501 44		0.86	−12.06	12.20	0.74	0.82	1.05	0.86	0.91	−1	+0	−4	−18	+3	+18	+4	−24	+10	+0	1	0.35
38769		07 56 10.02	+50 32 28.6	8.82		H	119.041 748 64	+50.541 291 29		12.32	196.90	−150.83	1.01	0.59	1.14	1.43	0.88	+13	+28	−9	+24	+4	+1	+6	−10	+7	+14	0	−0.32
38770		07 56 11.55	−51 20 18.4	6.77		H	119.048 135 86	−51.338 444 26		2.23	2.55	11.14	0.48	0.53	0.57	0.53	0.53	+8	+22	+14	−3	−12	−5	−9	−15	+7	−3	0	0.47
38771		07 56 12.05	−22 33 13.9	8.73		H	119.050 215 02	−22.553 858 86		4.32	3.27	−3.23	0.80	0.80	1.17	0.96	0.88	+4	+6	−21	−4	+19	−8	+20	−17	+5	+27	0	1.88
38772		07 56 12.09	−44 08 33.3	9.64	3	H	119.050 383 40	−44.142 590 63		−1.75	−13.26	8.23	1.73	1.26	1.81	1.54	1.27	+7	+52	+19	−56	+6	−8	+25	−44	+35	−11	4	0.42
38773		07 56 12.88	−67 32 36.6	11.04		G	119.053 658 12	−67.543 492 27		0.81	16.20	−40.31	1.37	1.33	1.44	1.66	1.54	−7	+18	+7	−3	−5	+0	−5	+0	−4	−22	0	0.67
38774		07 56 13.01	+36 41 29.4	8.87		H	119.054 217 13	+36.691 487 94		4.82	−8.43	−0.98	1.13	0.68	1.27	1.57	1.26	−10	+25	+11	+13	−13	−15	−6	+14	+26	−13	0	1.08
38775		07 56 14.15	−54 21 46.0	8.12		H	119.058 944 05	−54.362 770 56		4.38	−27.94	29.81	0.55	0.56	0.61	0.71	0.55	+6	+11	+17	+12	−6	+2	−5	−2	+6	+2	0	−2.35
38776		07 56 14.84	−43 13 26.2	8.92		H	119.061 820 26	−43.223 956 27		3.08	−10.66	7.97	0.68	0.74	0.85	0.72	0.77	+3	+19	+13	−16	+10	+9	+8	−33	+12	−15	0	−1.39
38777		07 56 15.07	+20 49 03.2	8.35		H	119.062 784 45	+20.817 554 68		1.84	4.03	−14.72	0.95	0.64	1.10	1.15	0.73	−37	+14	−4	+6	−22	−37	−20	−1	+34	−65	0	0.07
38778		07 56 15.51	+29 51 07.4	6.81		H	119.064 639 27	+29.852 066 18		3.35	−2.78	4.63	0.77	0.49	0.88	1.04	0.59	−15	+16	−28	+18	+3	−26	−3	+2	−11	+4	0	−1.75
38779	H	07 56 15.78	−61 05 58.1	6.73		H	119.065 732 92	−61.099 465 20	*	2.49	−5.14	13.69	0.47	0.46	0.50	0.51	0.49	−1	+2	+18	+22	−5	+17	−13	−5	−9	−17	1	0.17
38780	H	07 56 16.05	+53 45 02.6	9.04		G	119.066 856 92	+53.750 725 75	*	4.75	25.46	−9.71	2.03	1.51	1.51	1.75	1.13	−27	+25	+2	−21	−22	−4	−26	−20	−18	+4	0	0.13
38781		07 56 16.33	+05 49 28.4	8.43		G	119.068 021 22	+05.824 558 37		0.72	−7.61	−1.99	1.15	0.79	1.31	1.38	0.95	−14	+44	−39	−15	+1	−8	−1	−11	+1	+26	0	1.64
38782		07 56 16.48	−69 38 47.4	8.44		G	119.068 664 11	−69.646 489 08		13.35	−101.36	169.81	0.65	0.66	0.69	0.76	0.74	+5	+14	+2	−1	−11	+12	−13	−17	+1	−14	0	−1.11
38783		07 56 18.65	−60 31 35.3	5.74		G	119.077 725 78	−60.526 461 68		2.62	−4.33	10.59	0.50	0.46	0.51	0.53	0.52	+1	+7	+8	+24	−13	+18	−17	+4	+6	−8	0	−0.04
38784		07 56 18.87	+80 15 55.2	6.55		G	119.078 631 16	+80.265 325 26		58.67	−475.70	89.35	0.42	0.44	0.57	0.45	0.52	+6	+20	−5	+10	−8	+7	−6	−8	+1	+19	0	−0.98
38785		07 56 19.68	+22 34 19.3	7.59		H	119.081 982 73	+22.572 036 11		12.40	−9.48	−143.34	0.81	0.52	0.87	0.81	0.57	−27	+40	−13	−7	−15	−4	−16	−8	−1	−44	4	0.95
38786		07 56 20.03	+10 51 53.6	7.82		H	119.083 456 52	+10.864 876 26		4.57	−7.05	−8.58	0.96	0.75	1.15	1.09	0.92	−24	+35	−43	−2	−5	−19	−22	+34	−21	−8	0	−1.20
38787		07 56 20.80	−49 58 55.0	7.72	3	H	119.086 677 89	−49.981 957 21		1.74	5.34	−2.01	0.67	0.58	0.70	0.83	0.56	+4	+16	+6	+22	−6	+11	−5	−18	+0	+4	0	0.26
38788		07 56 21.49	−30 02 48.6	12.19		G	119.089 536 57	−30.046 836 55		−4.18	−4.83	5.45	2.16	2.61	3.82	2.85	3.03	+5	+7	−12	+3	−9	+17	−6	−12	+15	−3	7	1.21
38789		07 56 21.71	−20 27 47.7	6.84		H	119.090 477 57	−20.463 248 58		5.68	−9.56	−11.11	0.52	0.44	0.80	0.60	0.44	+29	−13	−14	−15	+3	−14	+4	−33	−2	+57	0	0.26
38790		07 56 21.72	−07 59 28.3	7.99		H	119.090 518 14	−07.991 195 04		2.29	−2.65	−1.80	0.78	0.81	1.42	1.01	0.90	−34	+22	−59	+1	+40	−46	+12	+27	−31	+7	0	1.49
38791		07 56 21.87	+59 40 35.5	7.72		H	119.091 128 50	+59.676 520 10		12.56	−14.25	−39.86	0.58	0.56	0.87	0.62	0.66	−31	+22	−10	+51	+6	+5	−5	−12	−3	−48	0	0.47
38792		07 56 22.72	−30 17 04.3	6.28	2	H	119.094 680 59	−30.284 534 66		2.67	−1.53	−14.44	0.42	0.50	0.71	0.52	0.48	+6	+15	−3	+6	+5	+17	+4	−29	+19	+0	0	0.91
38793		07 56 22.81	+04 15 14.8	7.72		H	119.095 058 43	+04.254 115 93		0.86	−3.64	−0.74	0.99	0.65	1.09	1.27	0.87	+7	+34	−24	+0	+3	−22	−8	+20	−15	+29	0	−2.05
38794		07 56 23.91	+04 29 08.1	6.16		G	119.099 629 36	+04.485 584 56		3.86	−6.42	−7.32	0.88	0.64	0.98	1.01	0.80	−3	+27	−22	−17	−12	−24	−25	+19	−20	+7	0	−1.12
38795		07 56 24.13	−40 44 10.3	6.78		H	119.100 554 12	−40.736 181 97		2.57	−5.58	9.15	0.42	0.44	0.54	0.43	0.46	+10	+9	+10	+2	−6	−7	−6	−12	+17	−3	0	−0.69
38796		07 56 24.37	+00 32 15.9	8.38		H	119.101 548 17	+00.537 751 32		2.84	−2.39	−1.82	1.17	0.91	1.33	1.76	1.26	−2	+13	−53	−40	−25	+18	−16	−34	+38	+27	0	1.58
38797		07 56 24.57	+31 41 44.2	7.57		G	119.102 367 70	+31.695 606 53		9.89	12.33	−12.80	0.86	0.53	0.91	1.06	0.69	−9	+10	−14	−24	−20	+9	−20	−18	−3	−15	0	1.90
38798		07 56 25.63	−30 05 29.9	12.10	2	G	119.106 786 03	−30.091 649 21		−7.73	0.23	2.15	5.83	6.86	9.78	7.95	7.68	+6	+5	+10	−8	+4	+11	−1	−24	+5	−20	2	
38799		07 56 26.64	−40 34 54.6	8.80		G	119.111 009 09	−40.581 820 47		2.11	0.96	19.60	0.68	0.77	0.92	0.72	0.83	−3	+7	+13	−2	+1	−4	+0	−15	+15	−20	0	−0.21
38800		07 56 26.72	+56 30 16.2	6.71		G	119.111 351 22	+56.504 508 71		4.68	−10.95	−26.66	0.55	0.45	0.73	0.73	0.56	+0	+21	−10	−21	−16	−4	−14	−22	+5	+0	3	−0.87

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
38701	9.379	0.018	7.940	0.010		1.240	0.001	G	1.20	0.00	H	7.9680	0.0013	0.012	104		7.94	8.00		D			1							S
38702						1.617	0.143	G	1.59	0.15	J	11.2818	0.0045	0.046	122		11.20	11.37					1							G
38703						0.120	0.015	G	0.13	0.01	H	11.4870	0.0064	0.064	115		11.38	11.59		U			1							D
38704	9.566	0.017	7.962	0.009		1.344	0.015	T	1.31	0.02	L	7.9743	0.0010	0.011	122		7.96	8.00					1							
38705	10.636	0.036	9.270	0.018		1.157	0.032	T	1.12	0.03	L	9.3290	0.0017	0.017	129		9.30	9.36		C			1							
38706	10.593	0.032	8.829	0.013		1.470	0.027	T	1.48	0.04	L	8.8181	0.0018	0.018	126		8.79	8.85					1							
38707	7.003	0.005	6.864	0.006		0.134	0.007	T	0.15	0.01	L	6.8935	0.0006	0.008	190		6.88	6.91					1							S
38708	7.870	0.015	7.884	0.020		−0.008	0.023	T	0.01	0.02	L	7.8721	0.0015	0.009	41		7.86	7.89					1							S
38709	8.623	0.009	7.168	0.005		1.227	0.008	T	1.19	0.01	L	7.2037	0.0010	0.012	144		7.18	7.23					1							S
38710	9.352	0.018	9.124	0.020		0.218	0.025	T	0.24	0.03	L	9.2035	0.0015	0.016	92		9.18	9.23		C			1							
38711	8.707	0.013	8.540	0.014	*	0.160	0.018	T	0.18	0.02	L	* 8.5705	0.0014	0.013	80	*	8.55	8.60		D	07555+2422	I 1	2 C S A	AS	67	0.150	0.014	0.35	0.45	S
38712	6.283	0.009	5.893	0.006		0.369	0.010	T	0.43	0.01	L	5.9457	0.0008	0.005	41		5.93	5.95					1							S
38713	7.809	0.010	7.382	0.009		0.428	0.015	G	0.50	0.02	H	7.4212	0.0009	0.009	78		7.41	7.44		D			1							S
38714	8.019	0.012	8.008	0.015		0.004	0.015	G	0.02	0.01	H	8.0266	0.0008	0.007	49		8.01	8.05					1							S
38715	9.674	0.018	9.099	0.016		0.540	0.018	T	0.61	0.02	L	9.1416	0.0022	0.017	115		9.11	9.17		C			1							
38716	10.799	0.040	10.746	0.063		0.048	0.066	T	0.06	0.05	L	10.7489	0.0034	0.041	221		10.68	10.82					1							D
38717	9.253	0.024	8.999	0.027		0.242	0.034	T	0.27	0.04	L	9.0320	0.0024	0.014	45		9.01	9.06		C			1							
38718	8.139	0.009	7.098	0.006		0.895	0.008	T	0.90	0.01	L	7.1441	0.0013	0.011	125		7.12	7.16					1							S
38719	9.755	0.029	8.606	0.018		0.987	0.027	T	0.97	0.02	L	8.6687	0.0018	0.016	79		8.64	8.70		C			1							
38720	9.497	0.022	8.082	0.013		1.195	0.020	T	1.15	0.02	L	8.1183	0.0017	0.013	96		8.10	8.15					1							S
38721	11.165	0.055	10.904	0.068		0.240	0.015	G	0.27	0.02	H	11.1566	0.0032	0.049	222		11.08	11.24					1 S							D
38722	5.333	0.002	5.374	0.003		−0.035	0.003	T	−0.01	0.00	L	5.3740	0.0006	0.005	108		5.36	5.38		C			1							S
38723	6.551	0.004	6.259	0.005		0.277	0.007	T	0.31	0.01	L	6.3000	0.0011	0.009	73		6.29	6.32					1							S
38724	7.733	0.009	7.303	0.009		0.406	0.012	T	0.47	0.01	L	7.3555	0.0018	0.014	88		7.33	7.38					1							S
38725	11.065	0.051	10.583	0.052		0.454	0.066	T	0.52	0.07	L	10.6993	0.0041	0.034	134		10.65	10.77		C			1							G
38726	9.857	0.034	8.681	0.022		1.008	0.032	T	0.98	0.03	L	8.7585	0.0016	0.015	56		8.73	8.79		C			1							
38727	7.918	0.007	7.981	0.010		−0.054	0.011	T	−0.03	0.01	L	7.9821	0.0010	0.012	131		7.96	8.01					1							S
38728	13.081	0.570	10.668	0.106		2.579	0.400	G	2.58	0.41	J	10.3193	0.0125	0.065	58		10.24	10.42		U 2			1							G
38729	10.362	0.032	9.462	0.024		0.785	0.031	T	0.82	0.02	L	9.5602	0.0020	0.020	125		9.53	9.60					1							
38730	8.954	0.020	8.072	0.016		0.786	0.019	T	0.82	0.01	L	8.1122	0.0021	0.014	54		8.10	8.14		C			1 S							S
38731	9.370	0.018	9.019	0.019		0.333	0.024	T	0.39	0.03	L	9.0285	0.0024	0.018	97		9.00	9.06		C			1							
38732	5.911	0.005	6.037	0.005	*	−0.111	0.005	G	−0.10	0.01	H	* 5.9948	0.0007	0.005	118	*	5.99	6.00		D	07558−4351	I 1	2 C A	AB	341	0.689	0.002	0.27	0.01	S
38733	9.330	0.011	8.058	0.007		1.083	0.010	T	1.05	0.01	L	8.1054	0.0012	0.016	221		8.08	8.13					1							
38734	6.975	0.008	6.997	0.010		−0.029	0.001	G	−0.01	0.00	H	7.0260	0.0009	0.007	56		7.01	7.04		C			1							S
38735	9.422	0.022	9.203	0.026		0.186	0.015	G	0.20	0.02	H	9.2428	0.0021	0.015	74		9.22	9.27					1							
38736	9.652	0.022	9.192	0.022		0.447	0.024	T	0.52	0.03	L	9.2455	0.0022	0.018	95		9.22	9.27		C			1							
38737	6.591	0.004	6.725	0.005	*	−0.125	0.002	G	−0.11	0.00	H	* 6.7116	0.0013	0.011	119	*	6.70	6.73		M	07558−4559	H 1	2 C A	AB	282	0.207	0.017	2.65	0.27	S
38738	10.922	0.069	8.935	0.024		1.683	0.060	T	2.49	0.11	O	8.7237	0.0123	0.082	78		8.48	8.83		U 2			1							
38739	8.213	0.010	8.175	0.012		0.035	0.014	T	0.05	0.01	L	8.1877	0.0016	0.011	108		8.17	8.21		C			1							S
38740	9.031	0.013	8.987	0.017		0.040	0.019	T	0.06	0.01	L	9.0301	0.0016	0.016	107		9.01	9.06					1							
38741	10.137	0.021	10.094	0.030		0.158	0.004	G	0.17	0.00	H	10.0302	0.0031	0.031	182		9.97	10.09		C			1 S							G
38742	10.281	0.038	9.686	0.036		0.555	0.039	T	0.63	0.04	L	9.7274	0.0027	0.025	125		9.69	9.77		C			1 G							G
38743	9.450	0.018	8.020	0.010		1.207	0.016	T	1.17	0.02	L	8.0753	0.0013	0.013	98		8.06	8.10		C			1							
38744	7.315	0.006	7.241	0.008		0.044	0.005	G	0.06	0.00	H	7.2737	0.0013	0.007	90		7.26	7.29		C			1							S
38745	9.275	0.018	8.538	0.015		0.695	0.015	G	0.75	0.01	H	8.5820	0.0018	0.013	76		8.56	8.60		C			1							
38746	7.314	0.007	7.431	0.008	*	−0.110	0.015	G	−0.09	0.02	H	* 7.4129	0.0020	0.016	128	*	7.39	7.45		D	07559−4437	H 1	2 C S A	AB	333	0.148	0.007	0.82	0.25	S
38747	9.178	0.018	8.446	0.015		0.671	0.019	T	0.73	0.02	L	8.5081	0.0017	0.014	84		8.47	8.53		C			1							
38748	7.787	0.008	6.668	0.005		0.964	0.007	T	0.95	0.01	L	6.7304	0.0007	0.008	111		6.72	6.75		C			1							S
38749	8.472	0.012	8.356	0.015	*	0.112	0.018	T	0.13	0.02	L	* 8.3664	0.0014	0.010	79	*	8.35	8.38		D	07560+2742	H 1	2 C A	AB	34	0.319	0.015	2.27	0.10	
38750	8.628	0.020	7.927	0.017		0.626	0.012	G	0.69	0.01	H	7.9910	0.0016	0.011	40		7.98	8.01		C			1							S
38751	10.854	0.083	9.097	0.030		1.465	0.070	T	1.47	0.10	L	9.0510	0.0025	0.020	49		9.02	9.08		C			1 S							
38752	8.947	0.016	7.803	0.011	A	0.983	0.015	T	0.96	0.01	L	7.8655	0.0188	0.022	68	A	7.82	7.90		D	07560+2440	I 2	1 C P D							S D
38753	10.800	0.066	10.388	0.075	B	0.389	0.092	T	0.45	0.10	L	10.8174	0.2434			B				D	07560+2440	I 2	1 C I D							D
38754	9.063	0.015	7.703	0.009		1.174	0.015	G	1.14	0.01	H	7.7384	0.0010	0.009	81		7.72	7.75		C			1							S
38755	8.052	0.009	7.361	0.007	*	0.629	0.001	G	0.70	0.00	H	* 7.4299	0.0009	0.009	87	*	7.42	7.45		D	07560+2342	I 1	2 C S A	AB	173	0.183	0.003	0.67	0.12	S
38756	10.321	0.028	8.994	0.016		1.126	0.025	T	1.09	0.03	L	9.0334	0.0018	0.017	110		9.01	9.07		C			1							
38757	10.319	0.024	9.001	0.014		1.119	0.022	T	1.08	0.02	L	9.0367	0.0016	0.021	142		9.00	9.08					1							
38758	8.687	0.012	8.588	0.015		0.070	0.015	G	0.08	0.02	H	8.6425	0.0019	0.015	115		8.61	8.66					1							
38759	8.878	0.013	8.865	0.016		0.019	0.032	G	0.04	0.03	H	8.8828	0.0020	0.016	104		8.86	8.91					1							G
38760	7.893	0.008	7.903	0.009		−0.004	0.011	T	0.02	0.01	L	7.9198	0.0015	0.017	157		7.89	7.96					1							S
38761	6.687	0.005	6.779	0.006		−0.079	0.007	T	−0.06	0.01	L	6.7850	0.0011	0.008	84		6.77	6.80					1							S
38762	9.868	0.015	7.985	0.007		1.564	0.013	T	1.58	0.01	L	7.9025	0.0015	0.022	237		7.87	7.94		U			1							
38763	10.298	0.056	9.729	0.055		0.536	0.058	T	0.61	0.06	L	9.7859	0.0046	0.022	42		9.76	9.83		C			1							G
38764	7.817	0.007	7.841	0.013		−0.032	0.006	G	−0.01	0.01	H	7.8643	0.0010	0.009	79		7.85	7.88		C			1							S
38765	8.606	0.010	7.992	0.009		0.569	0.010	T	0.64	0.01	L	8.0640	0.0019	0.014	107		8.04	8.08					1							S
38766	8.324	0.010	8.348	0.013		−0.041	0.007	G	−0.02	0.01	H	8.3507	0.0015	0.012	120		8.33	8.37					1							
38767	8.794	0.017	8.850	0.022		−0.057	0.015	G	−0.04	0.01	H	8.8341	0.0017	0.011	48		8.81	8.85		C			1							
38768	10.961	0.045	9.311	0.018		1.380	0.038	T	1.35	0.05	L	9.3315	0.0026	0.022	155		9.29	9.37					1							
38769	9.466	0.018	8.873	0.017		0.520	0.015	G	0.59	0.02	H	8.9374	0.0017	0.015	110		8.91	8.97		C			1							
38770	8.000	0.009	6.873	0.005		0.970	0.008	T	0.95	0.01	L	6.9332	0.0007	0.008	118		6.92	6.95		C			1							S
38771	10.219	0.035	8.870	0.019		1.143	0.031	T	1.11	0.03	L	8.9025	0.0023	0.023	140		8.86	8.94					1							
38772						1.500	0.510	G	2.75	0.62	K	9.6090	0.2187	1.837	77		7.40	11.73	335.30	P 1 B			1 S							D P
38773	11.928	0.154	11.269	0.133		0.920	0.020	G	0.92	0.01	H	11.1928	0.0045	0.045	100		11.10	11.26		C			1							G
38774	9.359	0.025	8.938	0.026		0.398	0.033	T	0.46	0.04	L	8.9623	0.0022	0.017	74		8.94	8.99		C			1							
38775	8.270	0.009	8.148	0.011		0.118	0.013	T	0.13	0.01	L	8.1707	0.0013	0.012	116		8.15	8.19					1							S
38776	9.048	0.017	8.920	0.020		0.116	0.024	T	0.13	0.03	L	8.9618	0.0019	0.018	131		8.93	8.99		C			1							
38777	10.432	0.034	8.524	0.013		1.584	0.029	T	1.60	0.03	L	8.4667	0.0014	0.014	95		8.44	8.50					1							
38778	8.640	0.013	6.947	0.007		1.414	0.012	T	1.39	0.02	L	6.9507	0.0010	0.011	80		6.94	6.96		C			1							S
38779	6.737	0.004	6.741	0.006	*	0.001	0.006	T	0.02	0.01	L	* 6.7383	0.0008	0.007	112	*	6.73	6.75			07563−6106	H 1	2 C S A	AB	222	0.119	0.020	1.34	0.62	S
38780	9.448	0.013	9.076	0.013	*	0.388	0.015	G	0.45	0.02	H	* 9.1185	0.0017	0.020	179	*	9.08	9.16		D	07563+5345	H 1	2 C A	AB	240	0.215	0.006	0.39	0.15	
38781	8.405	0.017	8.426	0.021		−0.032	0.002	G	−0.01	0.00	H	8.4290	0.0017	0.010	47		8.42	8.45		C			1							
38782	9.251	0.013	8.505	0.011		0.664	0.002	G	0.73	0.00	H	8.5707	0.0016	0.015	118		8.54	8.60		C			1							
38783	7.766	0.011	5.914	0.004		1.554	0.006	G	1.50	0.04	G	5.8870	0.0008	0.007	80		5.88	5.90					1							S
38784	7.460	0.005	6.629	0.004		0.719	0.007	G	0.77	0.01	H	6.6947	0.0008	0.007	166		6.68	6.71					1							S
38785	8.958	0.014	7.716	0.009		1.060	0.013	T	1.03	0.01	L	7.7602	0.0011	0.008	84		7.75	7.78		C			1							S
38786	7.818	0.011	7.808	0.017		0.014	0.019	T	0.03	0.02	L	7.8314	0.0020	0.011	51		7.82	7.86			07563+1052	I 1	1							S
38787	12.124	0.163	8.140	0.010		2.970	0.080	G	2.98	0.08	J	7.6314	0.0248	0.223	104		7.39	8.15		U 2 C			1 S							P
38788						0.410	0.020	G	0.48	0.02	H	12.2915	0.0082	0.092	162		12.13	12.46					1 S							D
38789	6.873	0.004	6.831	0.005		0.038	0.006	T	0.05	0.01	L	6.8581	0.0008	0.009	177		6.84	6.88					1							S
38790	8.117	0.011	7.990	0.012		0.123	0.015	T	0.14	0.01	L	8.0327	0.0011	0.008	71		8.02	8.05		C			1							S
38791	8.281	0.008	7.782	0.008		0.469	0.010	T	0.54	0.01	L	7.8291	0.0008	0.010	151		7.81	7.85		C			1							S
38792	8.296	0.016	6.561	0.015		1.476	0.018	T	3.18	0.06	O	6.1194	0.0187	0.122	149		5.95	6.32		U 2			1 S							S
38793	7.887	0.013	7.741	0.015		0.140	0.019	T	0.15	0.02	L	7.7750	0.0017	0.008	52		7.76	7.79		C	07564+0415	I 1	1							S
38794	7.391	0.008	6.270	0.005		0.957	0.050	G	0.96	0.02	A	6.3225	0.0011	0.006	53		6.31	6.34		C			1							S
38795	6.551	0.004	6.748	0.004		−0.170	0.005	T	−0.18	0.01	L	6.7223	0.0009	0.008	123		6.71	6.74		C			1							S
38796	10.070	0.039	8.509	0.020		1.310	0.035	T	1.27	0.04	L	8.5351	0.0013	0.011	45		8.52	8.55					1							
38797	7.956	0.009	7.618	0.010		0.321	0.013	T	0.37	0.02	L	7.6608	0.0020	0.014	85		7.63	7.68					1							S
38798	11.779	0.173	11.315	0.185		0.510	0.020	G	0.58	0.02	H	12.2508	0.0089	0.096	154		12.10	12.40		U			1 X S							D G
38799	9.976	0.023	8.892	0.015		0.950	0.015	G	0.91	0.02	A	8.9733	0.0015	0.017	130		8.94	9.01		C			1							
38800	6.760	0.004	6.716	0.005		0.050	0.003	G	0.06	0.00	H	6.7325	0.0009	0.009	140		6.72	6.75		C			1							S

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ 13	Standard Errors α* mas 14	δ 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
38801		07 56 27.03	−01 01 28.2	8.48		H	119.112 633 87	−01.024 509 02		2.37	−2.99	1.01	1.33	1.11	1.47	1.74	1.53	−24	+22	−30	+2	−32	+1	−34	+33	+15	−8	0	2.90
38802		07 56 27.75	+11 44 56.5	7.90		H	119.115 640 13	+11.749 015 13		2.96	−0.74	−7.59	1.01	0.72	1.29	1.10	0.82	−31	+48	−43	−37	+7	−51	−23	+18	−8	−11	0	−0.51
38803		07 56 28.41	−41 55 11.3	8.66		H	119.118 392 67	−41.919 815 52		−0.41	−5.31	4.26	0.65	0.68	0.81	0.70	0.75	+0	+13	+9	−20	+7	−5	+8	−13	+0	−11	0	−1.46
38804		07 56 30.30	−23 00 15.5	7.58		H	119.126 268 96	−23.004 300 23		3.13	−3.27	−1.57	0.63	0.59	0.94	0.75	0.65	+18	+16	−10	+4	+7	−2	+12	−18	+13	+40	0	0.97
38805		07 56 31.14	+02 19 19.4	8.31		G	119.129 755 41	+02.322 046 89		4.25	−9.69	−2.82	0.95	0.68	1.09	1.21	0.90	−2	+31	−18	−13	−2	−17	−13	+8	−19	+18	0	0.97
38806		07 56 31.37	−33 07 26.4	9.08		H	119.130 725 88	−33.123 993 35		1.41	−0.03	2.63	0.68	0.83	1.06	0.73	0.87	−7	−8	−6	+12	+0	+3	+0	+8	−6	−15	0	2.28
38807		07 56 31.72	+06 24 23.1	7.72	2	H	119.132 165 86	+06.406 423 27		0.37	−6.08	−0.39	1.07	0.77	1.16	1.27	1.02	−18	+22	−32	−31	+16	−10	+10	−19	−18	−9	3	0.67
38808		07 56 32.09	−15 31 27.7	7.16	1	H	119.133 714 68	−15.524 371 62		1.83	−1.02	6.87	0.58	0.53	0.86	0.65	0.61	−18	+19	−10	−8	−14	−23	−15	−1	+10	−33	0	−0.13
38809		07 56 33.16	−67 46 22.4	8.43		H	119.138 180 40	−67.772 895 84		10.09	−26.68	82.69	0.67	0.65	0.72	0.83	0.75	−2	+20	+19	+6	−2	+6	−5	+4	−7	−18	0	0.61
38810		07 56 33.29	+11 02 45.0	7.81	2	H	119.138 727 62	+11.045 819 63		0.73	−9.03	−4.09	0.97	0.76	1.19	1.11	0.94	−26	+34	−37	−13	+1	−31	−17	+24	−17	−14	0	−0.78
38811		07 56 34.10	+71 50 49.0	7.36		H	119.142 080 00	+71.846 951 79		8.31	38.25	28.83	0.42	0.53	0.71	0.48	0.62	+33	+9	+2	−5	−6	+11	−6	−6	+8	+47	0	−0.15
*38812	H	07 56 35.54	+66 33 48.9	9.03		H	119.148 072 97	+66.563 596 87	A	2.96	63.41	−16.07	3.15	2.86	1.99	1.47	1.63	+67	−8	−9	+5	−6	+19	−4	−2	+28	+76	0	−0.35
*38813		07 56 35.49	+79 31 08.3	7.72		H	119.147 878 85	+79.518 975 96		2.60	−6.73	−4.45	0.51	0.51	0.68	0.59	0.61	−5	+21	+3	+8	−9	+4	−7	−12	+0	+7	0	−0.86
38814	H	07 56 36.49	+19 53 47.0	8.32		H	119.152 028 00	+19.896 386 81	A	3.24	−11.40	−25.94	1.59	1.09	1.56	1.73	0.96	−41	+11	+9	+13	−18	−27	−18	−4	+27	−67	0	−0.10
38815		07 56 38.10	−65 36 50.3	8.84		H	119.158 748 19	−65.613 959 27		2.72	−4.96	13.08	0.65	0.73	0.76	0.58	0.88	−13	+5	−4	−22	−19	−1	−17	+4	+11	−42	1	1.33
38816		07 56 38.90	−43 16 42.1	9.26		H	119.162 098 64	−43.278 350 71		2.99	−8.04	10.04	0.73	0.75	0.88	0.85	0.80	+4	+16	+7	−13	+9	−1	+8	−27	+18	−12	0	−0.49
38817		07 56 39.90	−16 31 53.0	7.23		H	119.166 264 66	−16.531 383 54		13.54	−86.28	−45.49	0.66	0.58	1.01	0.80	0.81	−22	+34	−16	−10	−6	−25	−17	−11	−8	+2	0	0.64
38818		07 56 41.23	−18 54 04.6	8.56		G	119.171 804 15	−18.901 268 07		2.65	0.32	−0.32	0.71	0.59	1.05	0.84	0.60	+21	+13	+5	+2	+19	−14	+21	−22	+2	+39	0	−1.26
38819		07 56 41.71	+14 20 32.0	8.49		H	119.173 806 13	+14.342 209 02		5.72	−0.20	−8.50	1.35	0.85	1.43	1.25	1.01	−6	+47	−41	−55	−4	−26	−30	−11	−38	+10	4	1.72
38820		07 56 43.04	−64 06 00.8	11.52		H	119.179 324 94	−64.100 227 61		1.93	−7.36	0.28	3.04	3.38	3.65	3.36	4.35	−10	+17	−7	−16	−20	−27	−12	+13	+24	−42	0	−0.42
38821		07 56 44.10	−64 06 16.0	11.87		H																							
38822		07 56 44.34	+56 12 23.3	8.77		G	119.184 732 98	+56.206 485 43		17.09	−133.34	−349.67	0.79	0.68	1.07	0.99	0.83	−15	+23	−10	−26	−1	+3	−2	−30	−10	−9	0	0.84
38823	H	07 56 44.66	+07 21 27.1	8.23		H	119.186 097 85	+07.357 535 45	A	3.62	−7.17	−13.13	1.64	1.31	1.67	1.67	1.47	−20	+17	−42	−21	−16	−15	−29	+26	−25	−26	2	−0.70
38824		07 56 44.74	+49 32 39.5	9.79		H	119.186 404 79	+49.544 319 28		8.99	−142.18	−238.60	1.58	0.82	1.67	2.22	1.44	+33	+29	+14	+22	+9	−5	+6	−4	−9	+25	0	−1.10
38825		07 56 44.76	+36 53 47.4	8.02		H	119.186 511 27	+36.896 490 44		4.66	−8.75	−25.46	0.92	0.58	1.06	1.18	0.98	−17	+23	−7	−3	−8	−16	−5	+2	+24	−20	0	−0.05
38826		07 56 45.16	−12 56 07.2	7.17		H	119.188 162 08	−12.935 326 73		6.27	−42.69	−3.93	0.62	0.49	0.87	0.89	0.69	−1	+19	−3	+9	+12	−25	+10	−4	+7	−16	0	−0.98
38827		07 56 46.74	−52 58 56.6	3.46		G	119.194 757 29	−52.982 400 62		8.43	−28.38	16.76	0.47	0.45	0.52	0.59	0.59	+18	+3	+2	−20	−7	−10	−11	−15	+1	+27	2	1.64
38828		07 56 46.92	−70 42 59.2	8.66		G	119.195 503 47	−70.716 436 01		4.28	−7.44	34.13	0.84	0.69	0.81	0.96	0.80	+9	+31	+13	−22	−1	−2	+0	−15	−6	−30	0	1.32
38829		07 56 46.96	+09 02 53.7	7.83		G	119.195 672 92	+09.048 259 41		3.74	−16.42	−9.79	1.18	1.02	1.79	1.59	1.24	−38	+27	−38	−4	−6	−66	−38	+47	+13	−42	0	−0.84
38830		07 56 47.20	+49 34 53.7	8.23		H	119.196 662 64	+49.581 573 21		4.66	20.14	−27.24	1.09	0.58	1.16	1.57	1.02	+31	+25	+11	+23	+10	+6	+8	−3	−6	+28	0	−1.10
38831		07 56 47.30	+85 13 13.2	8.98		H	119.197 075 58	+85.220 330 40		1.64	−3.42	−9.13	0.70	0.71	0.80	0.78	0.82	+26	+11	−8	+6	−1	+2	−1	+9	−3	+39	1	0.61
38832		07 56 47.90	+26 06 19.0	7.59		H	119.199 572 28	+26.105 265 25		4.09	37.07	−0.90	0.85	0.54	0.94	0.92	0.70	−24	+35	−24	−7	−1	−9	−5	−2	−4	−16	0	−0.06
38833		07 56 48.88	−48 38 41.8	8.48		H	119.203 677 94	−48.644 947 03		4.24	−19.44	70.59	0.72	0.67	0.86	0.84	0.76	+2	+16	+2	−6	+1	+7	−2	−5	−19	−4	0	1.28
38834		07 56 50.95	−59 07 32.8	7.06	2	H	119.212 297 31	−59.125 787 95		3.37	−3.41	9.60	0.56	0.58	0.60	0.62	0.68	−9	−10	+11	−16	+6	+9	+2	−29	+1	−28	0	2.06
38835		07 56 51.56	−22 52 48.5	4.20		H	119.214 826 16	−22.880 148 49		6.49	−29.61	12.28	0.49	0.42	0.70	0.55	0.47	+24	+21	−6	+8	+8	−2	+17	−16	+15	+50	0	−1.29
38836		07 56 52.26	−56 28 59.5	8.31		H	119.217 740 33	−56.483 181 79		4.07	−9.67	22.04	0.57	0.56	0.64	0.67	0.68	−8	+11	+2	+11	+4	+10	+6	−18	−2	−10	1	0.13
38837		07 56 52.72	+14 57 58.2	8.41		H	119.219 657 06	+14.966 179 00		3.48	−9.10	14.48	1.15	0.88	1.38	1.31	1.01	−25	+37	−50	−33	+8	−32	−13	+0	−10	−7	0	−0.19
38838		07 56 53.52	−00 48 43.4	8.53		H	119.222 997 75	−00.812 068 70		7.57	52.79	−87.96	1.34	1.11	1.53	2.00	1.67	−29	+24	−39	−14	−5	−19	−9	+15	+19	−27	0	1.95
38839		07 56 54.18	+41 03 49.0	8.53		H	119.225 758 85	+41.063 597 58		1.12	−13.04	−12.78	1.16	0.62	1.28	1.58	1.21	−14	+26	−12	+6	−5	+0	+5	−10	+31	+10	0	−0.22
38840		07 56 54.40	+56 00 31.4	8.38	2	H	119.226 653 00	+56.008 736 08		1.78	−1.41	−8.29	0.72	0.62	1.00	1.01	0.81	−14	+20	+1	−15	−16	−9	−15	−21	−2	−24	0	−1.01
38841		07 56 54.97	+45 27 00.9	8.66		H	119.229 037 18	+45.450 254 65		5.65	−20.89	2.76	1.12	0.55	1.32	1.77	1.26	+9	+18	−7	+16	−20	+14	−14	−1	+40	+32	0	−2.74
38842		07 56 55.12	−36 54 26.3	8.51		H	119.229 653 72	−36.907 305 91		14.67	−80.62	−12.13	0.57	0.65	0.81	0.58	0.62	−5	−13	+18	+9	−4	−8	−7	−19	+9	−15	0	1.20
38843		07 56 56.85	+11 41 18.1	7.73		H	119.236 868 55	+11.688 355 38		2.05	−7.72	−9.64	0.95	0.71	1.19	1.07	0.82	−31	+42	−40	−26	+5	−45	−17	+19	−3	−15	0	0.69
38844		07 56 57.38	−57 25 50.4	7.46		H	119.239 099 65	−57.430 657 28		4.64	18.77	13.08	0.50	0.53	0.56	0.58	0.62	+0	−3	−5	+13	+1	+5	−2	−16	+15	−9	0	0.82
*38845		07 56 57.81	−42 24 23.5	6.09		G	119.240 884 48	−42.406 515 30		4.64	21.49	16.42	0.42	0.43	0.51	0.45	0.40	+4	+2	+7	−15	+2	+9	+0	−33	+19	−3	0	0.12
*38846		07 56 57.81	−43 30 01.5	5.36	1	G	119.240 871 80	−43.500 423 96		2.91	−10.60	5.31	0.40	0.43	0.50	0.47	0.56	+5	+8	−1	−6	+4	+5	+6	−28	+14	+3	0	−0.04
38847		07 56 59.19	−49 15 53.8	7.06		H	119.246 608 34	−49.264 955 45		2.45	−2.11	4.71	0.56	0.47	0.59	0.63	0.46	+8	+26	+11	+7	+4	+13	+4	−11	+10	−2	0	0.57
38848		07 56 59.47	+15 47 25.4	5.80		G	119.247 787 11	+15.790 382 46		7.06	−28.28	−41.64	0.81	0.61	0.90	0.94	0.76	−9	+25	−38	−27	+0	−18	−9	−7	−8	−8	0	−2.25
38849		07 57 00.54	+36 20 20.6	9.54		H	119.252 258 48	+36.339 047 21		6.04	−17.95	−24.44	1.33	0.82	1.41	1.71	1.27	−22	+19	+3	+7	−13	−16	−14	+5	+9	−34	0	−0.23
38850		07 57 00.59	−29 44 46.0	9.78	2	H	119.252 454 60	−29.746 098 26		2.70	−6.94	2.15	0.94	1.16	1.71	1.17	1.25	+1	+5	+10	+2	−6	+20	−7	−15	+15	−2	0	1.08
38851		07 57 03.03	−34 22 42.4	6.86	1	H	119.262 609 24	−34.378 445 43		0.71	−2.17	5.08	0.45	0.52	0.68	0.53	0.55	+6	−1	+3	+1	+5	+17	+3	−19	+7	+2	1	0.21
38852		07 57 03.16	+15 49 32.5	8.76		H	119.263 160 40	+15.825 697 69		3.36	39.27	−116.21	1.14	0.84	1.25	1.32	1.09	−9	+5	−26	−16	+0	−19	−6	−1	−7	−14	0	−1.70
38853		07 57 03.69	+01 30 47.4	8.21		H	119.265 381 59	+01.513 175 74		18.57	−35.97	26.70	1.09	0.77	1.24	1.38	1.00	−1	+22	−29	+2	−2	−11	−11	+26	−14	+21	0	0.21
38854		07 57 03.72	−28 09 41.8	12.13	3	H	119.265 479 60	−28.161 600 58		−0.38	−0.03	4.38	1.64	2.68	3.69	1.97	2.55	+12	−3	+4	−30	−8	+17	−9	−42	+20	+16	0	−0.68
38855		07 57 04.00	+02 57 03.1	7.83	2	G	119.266 646 29	+02.950 847 42		1.65	−3.22	−1.32	0.95	0.68	1.08	1.04	0.78	−7	+36	−45	−34	−1	−22	−13	−7	−3	+14	0	0.69
38856	H	07 57 05.76	+20 58 00.9	7.09		H	119.274 017 76	+20.966 928 31	A	6.29	−18.63	1.00	1.02	0.65	1.01	1.09	0.68	−52	+46	−12	−11	+1	−5	+3	−18	+3	−66	1	−0.03
38857		07 57 07.58	+71 40 48.6	7.65		H	119.281 590 28	+71.680 159 92		3.49	−4.72	3.11	0.44	0.57	0.75	0.50	0.65	+35	+13	+3	+13	+2	+11	+4	+5	+8	+50	0	−0.37
38858		07 57 08.65	−33 14 59.7	7.31		H	119.286 059 17	−33.249 922 75		1.92	−7.80	8.01	0.43	0.48	0.64	0.47	0.46	+4	+1	+1	+15	+8	+7	+6	−21	+8	+3	1	2.71
38859		07 57 09.31	−39 02 16.9	8.87		H	119.288 811 42	−39.038 033 19		2.56	−7.75	2.21	0.65	0.67	0.84	0.86	0.73	−4	−5	+8	+6	+0	+3	−3	−20	+12	−14	0	−0.61
38860		07 57 09.57	−51 05 05.4	9.14		H	119.289 875 62	−51.084 831 63		2.80	8.41	14.44	0.75	0.88	0.89	0.85	0.90	+11	+22	+1	−7	−6	−1	−5	−26	+7	+5	0	0.64
38861		07 57 11.86	−35 22 40.0	8.23		H	119.299 429 31	−35.377 768 46		1.51	−8.70	9.18	0.55	0.62	0.78	0.63	0.64	+11	+10	+13	+13	+4	+9	+2	−15	+10	+3	0	1.04
38862		07 57 12.75	−14 35 29.5	8.00		G	119.303 134 49	−14.591 540 03		21.75	−252.13	201.37	0.66	0.55	1.00	0.78	0.69	−14	+21	−9	−24	+1	−36	+1	−8	+11	−34	0	−0.38
38863		07 57 12.76	−63 17 48.8	6.14		H	119.303 168 82	−63.296 880 70		7.03	−0.61	18.96	0.49	0.43	0.49	0.62	0.51	−3	+16	+1	−3	−9	−14	−5	+7	+12	−29	0	0.91
38864		07 57 12.96	−66 46 06.5	8.79		H	119.304 013 01	−66.768 468 51		3.23	19.01	5.50	0.80	0.73	0.81	0.80	0.83	−8	−3	+3	−31	−13	−8	−9	+3	−3	−25	0	1.59
38865		07 57 13.74	+56 37 20.7	10.28		H	119.307 254 20	+56.622 415 30		1.61	−5.97	−8.90	1.29	1.05	1.73	1.75	1.44	−11	+14	−21	−21	−18	+1	−14	−14	+16	−19	1	1.39
38866		07 57 14.80	−14 31 06.5	8.73	2	H	119.311 654 94	−14.518 478 59		0.59	−0.83	−5.96	0.75	0.61	1.15	0.91	0.80	−12	+18	−7	−22	+4	−38	+4	−10	+11	−36	0	0.55
38867		07 57 15.72	−34 00 39.4	10.35		G	119.315 515 04	−34.010 956 86		1.45	−5.92	1.06	1.06	1.09	1.46	1.28	1.22	−2	+10	+5	+10	+9	+1	+7	−16	−7	−7	0	0.06
38868		07 57 15.88	+08 38 28.6	6.03		H	119.316 173 16	+08.641 276 41		11.08	−3.43	−23.23	0.99	0.81	1.54	1.53	1.02	−37	+26	−37	−6	+0	−69	−38	+44	+13	−28	0	1.79
38869		07 57 16.04	+81 21 08.3	7.16		H	119.316 829 48	+81.352 298 29		4.91	−25.34	−33.78	0.52	0.50	0.66	0.54	0.53	+8	+33	−7	+8	−7	+8	−6	−7	−4	+21	0	−0.88
38870		07 57 16.39	+01 07 37.3	6.35		H	119.318 292 76	+01.127 022 30		17.09	−164.71	2.90	0.91	0.65	1.06	1.48	1.00	+22	−2	−38	−15	−26	+35	−20	−8	+38	+55	0	1.58
38871		07 57 17.56	+21 42 33.4	9.30		H	119.323 175 39	+21.709 286 05		5.55	−20.04	−53.66	1.12	0.76	1.21	1.25	0.82	−37	+28	−9	−8	−6	−4	−8	−19	−4	−54	0	1.35
38872		07 57 18.43	−44 06 35.6	5.08		H	119.326 793 94	−44.109 875 69		2.54	−11.48	6.92	0.42	0.40	0.50	0.46	0.36	−2	+5	+9	+8	+4	+17	+2	−26	+20	+0	0	−1.17
38873		07 57 18.48	−34 04 24.9	10.69		G	119.327 020 01	−34.073 595 13		3.55	−5.21	4.14	1.68	1.75	2.30	2.08	1.94	+0	+6	+4	+0	+6	+1	+5	−20	−2	+0	0	
38874		07 57 18.52	+13 16 09.3	7.55		H	119.327 183 38	+13.269 248 04		6.38	−27.02	−9.33	1.05	0.79	1.19	1.22	1.02	−25	+18	−32	−33	+10	+0	+5	−14	−25	−18	0	−1.22
38875		07 57 19.04	+67 26 36.5	9.17		H	119.329 353 13	+67.443 461 34		4.65	35.55	−37.06	0.70	0.95	1.39	0.71	1.10	+14	+5	−20	−25	−18	+3	−21	−11	+6	+27	0	2.65
38876		07 57 19.06	+02 32 38.6	8.45		H	119.329 407 96	+02.544 063 73		2.70	−19.47	−4.90	1.04	0.78	1.22	1.22	0.95	−20	+37	−35	−30	+8	−26	−5	−3	−5	−1	0	−2.13
38877		07 57 19.22	−71 59 53.6	8.29		H	119.330 096 15	−71.998 213 98		3.08	6.55	−28.72	0.69	0.65	0.74	0.75	0.73	−2	+42	+3	−11	−15	−5	−7	+12	+2	−31	0	0.20
38878		07 57 19.73	−07 47 59.9	7.67		H	119.332 194 40	−07.799 964 74		3.56	−6.99	−2.33	0.70	0.62	1.15	0.86	0.83	−21	+3	−42	+0	+24	−33	+12	+19	−41	+4	0	0.57
38879	H	07 57 20.08	−47 53 26.6	6.21		H	119.333 651 25	−47.890 728 55	A	3.23	−9.12	9.46	1.22	1.08	0.74	0.84	0.71	+25	+3	+14	+4	−8	+13	−8	−3	+5	−18	3	0.08
38880		07 57 21.55	−63 42 44.0	8.18		H	119.339 785 44	−63.712 216 86		2.91	−16.06	13.53	0.69	0.64	0.73	0.91	0.79	−5	+19	+2	+7	−9	−20	−5	+12	+17	−28	0	1.02
38881		07 57 23.61	−34 54 49.3	9.73		G	119.348 356 36	−34.913 703 40		9.46	−25.55	198.65	0.81	0.91	1.19	0.97	1.08	+7	−5	+2	−11	+3	+20	+2	−21	+5	+5	0	0.08
38882		07 57 25.16	−01 36 46.4	8.05		H	119.354 853 65	−01.612 880 50		−1.48	−4.45	7.81	1.17	0.91	1.28	1.45	1.24	−29	+33	−35	−5	−25	−20	−39	+39	+0	−9	0	1.30
38883		07 57 25.44	−10 46 14.2	8.55		H	119.355 985 20	−10.770 603 60		1.39	−4.40	10.89	0.85	0.77	1.16	0.93	0.83	−30	+30	−33	−7	+0	−27	−13	+14	−13	−14	0	−0.35
38884		07 57 25.54	+06 51 06.1	7.22		H	119.356 418 69	+06.851 690 07		5.65	−19.34	−4.04	0.93	0.75	1.14	1.11	0.89	−14	+27	−50	−15	−8	−26	−33	+32	−30	+8	0	1.14
38885		07 57 25.87	−00 38 09.1	7.16		H	119.357 798 63	−00.635 851 85		7.57	−21.32	−8.83	1.03	0.78	1.20	1.40	1.03	−23	+27	−51	−12	+2	−15	−3	+1	+22	−5	0	1.67
38886		07 57 26.69	+65 36 38.1	9.46		H	119.361 226 18	+65.610 595 46		6.23	−9.62	8.62	1.04	0.87	1.37	1.07	1.06	+6	+27	+8	+33	+2	+5	+10	−5	+9	+20	0	0.18
38887		07 57 28.03	−46 19 35.9	7.08		G	119.366 778 14	−46.326 626 47		2.76	−9.33	3.13	0.49	0.46	0.57	0.62	0.56	+3	+9	−10	−1	−3	−7	−6	+3	−10	+14	0	1.08
38888		07 57 28.21	+05 17 06.5	8.22		G	119.367 533 79	+05.285 141 40		3.79	−24.02	−15.48	1.19	0.79	1.26	1.28	0.95	+1	+27	−31	−39	−6	−23	−18	−5	−15	+11	0	0.23
38889		07 57 30.51	−46 00 25.9	9.24		H	119.377 109 73	−46.007 196 58		6.02	−9.39	−2.10	0.80	0.72	0.89	0.94	0.75	−9	+10	−2	+4	+0	−4	−1	−7	+1	−11	0	−0.17
38890		07 57 31.54	+18 06 04.0	8.16		G	119.381 423 87	+18.101 109 03		11.18	−23.21	−51.26	0.99	0.56	1.12	1.18	0.60	−46	+27	−11	+16	−30	−33	−24	+5	+30	−65	0	−0.43
120401		07 57 31.75	−60 37 51.3	9.17		G	119.382 275 44	−60.630 929 36		2.85	−7.27	9.01	8.84	10.58	3.66	8.54	10.69	−16	−29	+28	−93	+20	+36	+19	−96	−32	−23	0	−0.35
38891		07 57 32.65	+32 39 24.3	7.13		H	119.386 042 36	+32.656 745 87		8.61	−37.43	−15.81	0.99	0.57	1.13	1.50	0.84	−19	+1	−2	−39	+0	+42	+0	−34	−36	−26	2	−1.41
38892		07 57 32.80	+40 02 08.4	11.31		G	119.386 671 34	+40.035 678 03		26.63	−103.72	−602.92	3.21	1.82	3.66	4.63	3.22	−8	+27	−21	−9	−17	+9	−7	−27	+28	+15	0	−2.28
38893		07 57 33.26	+34 03 28.1	8.27		H	119.388 601 65	+34.057 803 01		3.73	−6.39	−11.89	1.10	0.68	1.29	1.34	1.04	−19	+22	+24	−17	+15	+11	+3	−43	−39	−30	2	0.62
38894		07 57 35.35	−38 55 29.4	8.37		H	119.397 291 05	−38.924 847 04		2.62	−21.46	7.73	0.61	0.65	0.81	0.60	0.63	+2	−7	+11	+2	−8	+4	−11	−16	+16	−4	0	0.07
38895		07 57 37.60	+40 02 26.6	9.93		H	119.406 686 83	+40.040 716 87		12.84	−65.84	−39.82	2.13	1.21	2.54	3.13	2.18	−8	+33	−29	−2	−16	+10	+2	−29	+33	+31	2	0.10
38896		07 57 38.07	−46 35 35.9	7.23		G	119.408 643 63	−46.593 309 54		1.72	−3.88	8.76	0.77	0.68	0.84	0.83	0.68	−4	+10	+7	−11	−6	−3	−5	−12	+7	−19	0	
38897		07 57 38.35	−19 08 28.0	7.74		H	119.409 799 64	−19.141 117 76		2.41	−3.91	1.61	0.68	0.58	1.02	0.76	0.56	+16	+19	+10	−14	+13	−10	+14	−31	+3	+34	1	0.98
38898		07 57 38.36	−07 11 22.0	9.97	3	H	119.409 835 38	−07.189 456 98		−0.65	−4.83	0.73	1.11	1.18	1.84	1.44	1.55	−47	+16	−39	+20	−3	−36	−20	+47	−19	−36	0	1.36
38899		07 57 38.71	+18 48 08.3	9.22		H	119.411 295 20	+18.802 296 26		10.70	−38.66	−37.27	1.11	0.62	1.25	1.26	0.63	−35	+23	−10	+6	−29	−31	−25	−1	+29	−61	0	−0.83
38900		07 57 39.74	+77 34 35.3	6.87	1	H	119.415 594 51	+77.576 477 86		5.07	3.05	−22.79	0.41	0.44	0.60	0.49	0.57	+1	+5	+1	+18	+0	+3	+2	−24	−13	+8	0	−0.09

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
38801	9.321	0.027	8.548	0.022		0.703	0.027	T	0.76	0.02	L	8.6172	0.0033	0.015	42		8.60	8.65		C			1							
38802	7.978	0.011	7.896	0.011		0.081	0.014	T	0.09	0.01	L	7.9333	0.0012	0.009	52		7.92	7.95		C			1							S
38803	10.022	0.023	8.784	0.014		1.057	0.021	T	1.02	0.02	L	8.8233	0.0016	0.016	139		8.79	8.85					1							
38804	7.535	0.006	7.565	0.008		−0.025	0.009	T	0.00	0.01	L	7.5765	0.0010	0.012	138		7.56	7.60					1							S
38805	8.180	0.013	8.307	0.017		−0.108	0.002	G	−0.09	0.00	H	8.2744	0.0017	0.009	54		8.25	8.29					1							
38806	10.686	0.034	9.227	0.016		1.230	0.030	T	1.19	0.03	L	9.2485	0.0021	0.021	147		9.21	9.29		C			1							
38807	9.975	0.048	7.958	0.019		1.671	0.041	T	1.69	0.04	L	7.8301	0.0062	0.039	43		7.80	7.89		U 2			1 S							P
38808	8.862	0.012	7.305	0.007		1.307	0.011	T	1.27	0.01	L	7.3144	0.0025	0.019	122		7.29	7.34		U 2			1							S
38809	9.055	0.013	8.479	0.012		0.541	0.013	T	0.61	0.01	L	8.5469	0.0020	0.013	104		8.52	8.57					1							
38810	9.909	0.033	8.033	0.014		1.592	0.030	T	2.30	0.07	O	7.8620	0.0054	0.022	52		7.82	7.91		U 2			1							S
38811	7.797	0.007	7.389	0.006		0.386	0.009	T	0.45	0.01	L	7.4463	0.0009	0.011	191		7.43	7.47					1							S
38812	9.975	0.022	9.123	0.017	*	0.764	0.021	T	0.80	0.01	L *	9.1824	0.0022	0.023	144	*	9.15	9.22		D	07566+6634	I 1	2 C	A	AB	234	0.346	0.006	0.59	0.08	
38813	9.434	0.015	7.851	0.008		1.327	0.013	T	1.29	0.01	L	7.8699	0.0012	0.013	146		7.85	7.89					1							S
38814	9.789	0.026	8.493	0.016	*	1.102	0.024	T	1.06	0.03	L *	8.4931	0.0013	0.013	112	*	8.47	8.51		D	07566+1954	I 1	2 C	A	AB	327	0.571	0.009	2.05	0.04	
38815	8.989	0.013	8.847	0.015		0.129	0.019	T	0.14	0.02	L	8.8901	0.0020	0.017	103		8.86	8.92					1							
38816	9.399	0.024	9.330	0.032		1.020	0.020	G	0.16	0.08	S	9.3091	0.0031	0.026	134		9.27	9.36		R			1							G
38817	7.898	0.008	7.294	0.008		0.562	0.008	T	0.64	0.01	L	7.3541	0.0009	0.009	99		7.34	7.37		C			1 G							S
38818	8.526	0.008	8.515	0.011		−0.024	0.004	G	0.00	0.00	H	8.5487	0.0013	0.014	158		8.52	8.57		C			1							
38819	8.659	0.018	8.537	0.021		0.118	0.026	T	0.13	0.03	L	8.5378	0.0025	0.010	44		8.52	8.55		C			1							
38820						1.500	0.495	G	2.07	3.83	I	11.5810	0.0104	0.088	95		11.42	11.74		D	07567−6406	I 2	1							D G
38821											T	12.0152	0.0476	0.407	72		11.61	12.97		D	07567−6406	I 2								G
38822	9.474	0.014	8.837	0.013		0.568	0.003	G	0.64	0.00	H	8.8860	0.0017	0.019	139		8.85	8.91		C			1							
38823	8.349	0.013	8.272	0.016	*	0.076	0.020	T	0.09	0.02	L *	8.2583	0.0023	0.015	54	*	8.23	8.28		C	07567+0721	H 1	2 C	A	AB	266	0.895	0.021	2.89	0.09	
38824	10.443	0.038	9.764	0.033		0.605	0.038	G	0.67	0.03	H	9.9164	0.0035	0.024	93		9.88	9.95		C			1							
38825	9.231	0.019	8.131	0.013		0.949	0.018	T	0.94	0.01	L	8.1785	0.0019	0.013	83		8.15	8.20					1							
38826	8.569	0.011	7.295	0.007		1.085	0.010	T	1.05	0.01	L	7.3353	0.0013	0.010	107		7.31	7.36		C			1							S
38827	3.243	0.002	3.427	0.002		−0.177	0.007	G	−0.17	0.02	A	3.3939	0.0005	0.004	91		3.39	3.40					1 G							S
38828	8.767	0.012	8.671	0.015		0.089	0.002	G	0.10	0.00	H	8.6900	0.0020	0.015	81		8.67	8.71		C			1							
38829	8.072	0.014	7.822	0.016		0.211	0.015	G	0.23	0.02	H	7.8862	0.0018	0.010	37		7.87	7.91					1							S
38830	9.505	0.018	8.340	0.012		1.000	0.017	T	0.98	0.01	L	8.3968	0.0010	0.011	96		8.38	8.42		C			1							S
38831	10.496	0.030	9.095	0.016		1.184	0.027	T	1.14	0.02	L	9.1450	0.0021	0.020	131		9.11	9.18		C			1							
38832	8.861	0.013	7.702	0.009		1.000	0.020	G	0.98	0.02	H	7.7520	0.0012	0.008	75		7.74	7.76		C			1							S
38833	9.816	0.020	8.635	0.013		1.012	0.019	T	0.99	0.01	L	8.6437	0.0018	0.015	119		8.62	8.67					1 G							
38834	9.646	0.019	7.244	0.006		2.025	0.016	T	2.87	0.09	O	7.0094	0.0292	0.169	94		6.65	7.17		U 2 C			1 S							S P
38835	5.084	0.003	4.277	0.002		0.718	0.014	G	0.75	0.02	A	4.3403	0.0006	0.005	134		4.33	4.35					1							S
38836	9.566	0.017	8.419	0.011		0.986	0.016	T	0.97	0.01	L	8.4740	0.0011	0.011	106		8.45	8.50		C			1 G							
38837	8.792	0.015	8.448	0.016		0.326	0.020	T	0.38	0.03	L	8.4888	0.0012	0.011	53		8.47	8.53					1							
38838	9.180	0.028	8.613	0.026		0.530	0.034	T	0.60	0.04	L	8.6476	0.0016	0.013	41		8.63	8.67		C			1							
38839	10.187	0.036	8.656	0.018		1.286	0.015	G	1.25	0.02	H	8.6843	0.0018	0.017	90		8.65	8.71		C			1							
38840	10.488	0.029	8.557	0.011		1.603	0.025	T	1.62	0.03	L	8.4905	0.0022	0.021	147		8.46	8.53		U 2			1							
38841	8.993	0.015	8.693	0.016		0.269	0.016	G	0.30	0.02	H	8.7311	0.0015	0.015	93		8.70	8.75		C			1							
38842	9.226	0.013	8.585	0.012		0.589	0.013	T	0.66	0.01	L	8.6331	0.0020	0.017	148		8.60	8.66					1							
38843	7.716	0.011	7.723	0.015		−0.002	0.017	T	0.02	0.02	L	7.7348	0.0012	0.009	52		7.72	7.75		C			1							S
38844	8.829	0.010	7.582	0.007		1.064	0.010	T	1.03	0.01	L	7.6262	0.0011	0.010	117		7.61	7.65		C			1							S
38845	7.860	0.007	6.237	0.004		1.361	0.000	G	1.26	0.04	E	6.2454	0.0008	0.007	136		6.23	6.26		C			1							S
38846	5.136	0.002	5.323	0.003		−0.166	0.005	G	−0.17	0.01	H	5.3028	0.0008	0.008	133		5.29	5.32		M			1 G							S
38847	9.097	0.021	7.223	0.010		1.557	0.018	T	1.57	0.02	L	7.1751	0.0012	0.009	121		7.16	7.19					1							S
38848	7.472	0.008	5.954	0.005		1.285	0.007	G	1.14	0.04	E	5.9651	0.0011	0.006	48		5.96	5.97		C			1							S
38849	10.092	0.036	9.585	0.035		0.476	0.045	T	0.55	0.05	L	9.6479	0.0029	0.018	73		9.61	9.68		C			1							
38850	9.752	0.016	9.756	0.022		−0.030	0.015	G	−0.01	0.01	H	9.7783	0.0035	0.045	175		9.70	9.85		U			1							G
38851	8.916	0.010	7.013	0.005		1.580	0.009	T	1.60	0.01	L	6.9737	0.0014	0.014	153		6.95	7.00		M			1							S
38852	9.615	0.030	8.818	0.024		0.722	0.030	T	0.77	0.02	L	8.8995	0.0024	0.012	49		8.87	8.93		C			1							
38853	8.955	0.024	8.264	0.021		0.638	0.026	T	0.70	0.02	L	8.3454	0.0026	0.017	43		8.32	8.38		C			1							
38854											T	12.2260	0.0473	0.418	204		11.53	12.61	3.33	P 1 A			1 S							D
38855	7.575	0.010	7.758	0.013		−0.180	0.006	G	−0.13	0.02	A	7.7568	0.0063	0.038	52		7.69	7.80		U 2			1							S
38856	8.281	0.011	7.220	0.008	*	0.920	0.011	T	0.92	0.01	L *	7.2497	0.0010	0.006	99	*	7.24	7.27		D	07571+2058	I 1	2 C	A	AB	149	0.812	0.010	2.58	0.03	S
38857	7.660	0.005	7.645	0.006		0.019	0.007	T	0.04	0.01	L	7.6624	0.0013	0.014	185		7.64	7.68					1							S
38858	7.093	0.004	7.268	0.006		−0.151	0.006	T	−0.15	0.01	L	7.2547	0.0007	0.009	160		7.24	7.28					1							S
38859	10.293	0.036	9.008	0.021		1.093	0.033	T	1.05	0.03	L	9.0381	0.0018	0.017	113		9.01	9.06		C			1							
38860	10.638	0.036	9.274	0.019		1.155	0.032	T	1.12	0.03	L	9.3103	0.0020	0.019	115		9.28	9.35					1							
38861	8.363	0.008	8.237	0.009		0.122	0.011	T	0.14	0.01	L	8.2759	0.0016	0.015	142		8.24	8.30					1							
38862	8.779	0.012	8.092	0.010		0.630	0.002	G	0.70	0.00	H	8.1399	0.0012	0.012	127		8.12	8.16					1							S
38863	6.003	0.003	6.123	0.004		−0.103	0.004	T	−0.09	0.01	L	6.1109	0.0004	0.006	106		6.10	6.12					1							S
38864	10.616	0.041	8.921	0.017		1.416	0.035	T	1.40	0.06	L	8.9249	0.0018	0.014	86		8.90	8.95		C			1							
38865	11.516	0.075	10.406	0.045		0.957	0.068	T	0.94	0.05	L	10.4428	0.0032	0.036	130		10.37	10.50					1							G
38866	8.832	0.013	8.757	0.016		0.068	0.019	T	0.08	0.02	L	8.7640	0.0056	0.064	121		8.71	8.90	1.57	P 1 A			1							
38867	10.552	0.037	10.458	0.056		0.160	0.020	G	0.18	0.02	H	10.4075	0.0033	0.031	135		10.36	10.45					1							G
38868	7.293	0.011	6.137	0.006		1.000	0.000	G	0.94	0.04	E	6.1948	0.0013	0.005	36		6.19	6.20					1							S
38869	8.901	0.010	7.309	0.006		1.334	0.009	T	1.30	0.01	L	7.3172	0.0010	0.012	151		7.30	7.33					1							S
38870	6.948	0.007	6.416	0.007		0.507	0.007	T	0.58	0.01	L	6.4638	0.0011	0.006	47		6.45	6.48		D	07573+0108	I 1	1 S							S
38871	9.986	0.025	9.341	0.022		0.599	0.029	T	0.67	0.03	L	9.4314	0.0022	0.020	94		9.40	9.47		C			1							
38872	4.864	0.002	5.054	0.002		−0.166	0.002	T	−0.17	0.00	L	5.0214	0.0006	0.007	127		5.01	5.03			07573−4407	I 1	1							S
38873	10.714	0.044	10.663	0.066		0.070	0.020	G	0.08	0.02	H	10.7036	0.0044	0.046	135		10.57	10.77					1 X							G
38874	9.077	0.023	7.681	0.014		1.180	0.021	T	1.14	0.02	L	7.7221	0.0015	0.010	58		7.70	7.74		C			1							S
38875	10.413	0.024	9.301	0.015		0.958	0.022	T	0.95	0.02	L	9.3332	0.0020	0.025	189		9.29	9.38					1							
38876	9.663	0.029	8.575	0.019		0.940	0.027	T	0.93	0.02	L	8.6135	0.0015	0.011	57		8.60	8.64		C			1							
38877	10.205	0.027	8.450	0.012		1.463	0.023	T	1.47	0.04	L	8.4232	0.0012	0.016	109		8.40	8.45					1							
38878	7.558	0.008	7.646	0.011		−0.075	0.012	T	−0.05	0.01	L	7.6537	0.0013	0.009	68		7.64	7.67		C			1							S
38879	6.080	0.003	6.196	0.004	*	−0.099	0.004	T	−0.08	0.01	L *	6.1834	0.0008	0.008	133	*	6.17	6.20		D	07573−4753	I 1	2 C	A	AB	71	0.355	0.002	0.78	0.02	S
38880	8.877	0.015	8.249	0.014		0.584	0.018	T	0.66	0.02	L	8.3008	0.0014	0.012	110		8.28	8.32		C			1							S
38881	10.336	0.030	9.698	0.026		0.567	0.015	G	0.64	0.01	H	9.8438	0.0020	0.023	147		9.81	9.88		C			1							G
38882	7.995	0.013	8.048	0.016		−0.044	0.019	T	−0.02	0.02	L	8.0479	0.0023	0.011	40		8.03	8.07		C			1							
38883	9.757	0.025	8.667	0.017		0.942	0.023	T	0.93	0.02	L	8.7133	0.0029	0.020	79		8.68	8.74					1							
38884	8.495	0.018	7.352	0.014		0.983	0.018	T	0.96	0.01	L	7.3808	0.0011	0.007	41		7.37	7.40		D			1							S
38885	7.181	0.009	7.162	0.011		0.005	0.011	G	0.03	0.01	H	7.1742	0.0012	0.007	45		7.17	7.19		C			1							S
38886	10.057	0.030	9.484	0.027		0.536	0.036	T	0.61	0.04	L	9.5737	0.0031	0.022	121		9.54	9.62					1							
38887	6.924	0.004	7.056	0.007		−0.111	0.006	G	−0.10	0.01	H	7.0445	0.0009	0.008	118		7.03	7.06		C			1 G							S
38888	8.764	0.018	8.274	0.017		0.455	0.015	G	0.52	0.02	H	8.3218	0.0017	0.010	47		8.30	8.34					1							S
38889	10.443	0.035	9.334	0.022		0.956	0.032	T	0.94	0.02	L	9.3998	0.0018	0.017	115		9.37	9.43		C			1							
38890	8.636	0.010	8.196	0.010		0.433	0.015	G	0.50	0.02	H	8.2614	0.0011	0.011	123		8.24	8.28					1							S
120401	9.412	0.030	9.354	0.039		0.104	0.007	G	0.12	0.01	H	9.2339	0.0084	0.019	17		9.20	9.27					1							
38891	7.397	0.006	7.151	0.008		0.234	0.009	T	0.26	0.01	L	7.1985	0.0012	0.009	76		7.18	7.22					1							S
38892						1.129	0.020	G	1.22	0.03	I	11.4450	0.0075	0.046	63		11.37	11.54					1							G
38893	9.379	0.017	8.359	0.012		0.889	0.016	T	0.89	0.01	L	8.4288	0.0012	0.013	79		8.41	8.46		D			1							S
38894	9.495	0.021	8.480	0.015		0.885	0.019	T	0.89	0.01	L	8.5315	0.0013	0.013	128		8.51	8.56		C			1							S
38895	10.828	0.065	9.961	0.047		0.760	0.062	T	0.80	0.04	L	10.0709	0.0039	0.026	73		10.03	10.12					1							
38896	7.076	0.005	7.226	0.007		−0.126	0.007	G	−0.12	0.01	H	7.1975	0.0013	0.011	123		7.18	7.21			07576−4636	I 1	1 X	S						S
38897	9.093	0.014	7.880	0.009		1.037	0.013	T	1.01	0.01	L	7.9041	0.0014	0.014	146		7.88	7.93					1							
38898	10.124	0.030	10.020	0.040		0.101	0.047	T	0.11	0.05	L	10.0096	0.0073	0.046	88		9.96	11.02	3.87	P 1 A			1							G
38899	9.796	0.020	9.277	0.019		0.487	0.025	T	0.56	0.03	L	9.3317	0.0017	0.019	140		9.30	9.36		C			1							
38900	7.150	0.006	6.903	0.006		0.235	0.008	T	0.26	0.01	L	6.9398	0.0032	0.025	153		6.90	6.97	0.27	P 1 A			1							S P

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Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
38901		07 57 40.11	−30 20 04.5	4.76		H	119.417 132 37	−30.334 587 03		2.26	−8.11	7.14	0.33	0.42	0.58	0.41	0.45	+3	+4	−4	+10	+0	+19	−2	−17	+14	−9	0	0.64
38902		07 57 41.57	−65 54 31.5	6.69	1	H	119.423 197 82	−65.908 739 24		3.64	8.27	7.88	0.47	0.52	0.55	0.46	0.63	−11	+2	+1	−14	−17	+1	−13	+12	+4	−36	0	0.73
38903		07 57 41.71	+27 29 18.1	7.83		H	119.423 798 82	+27.488 354 96		3.43	12.09	−46.98	0.99	0.59	1.09	1.01	0.82	−27	+50	−12	−9	−8	−20	−6	+7	+8	−36	0	−0.16
38904		07 57 42.48	−57 28 45.0	7.41		H	119.427 000 13	−57.479 177 21		2.01	−6.71	7.94	0.48	0.50	0.53	0.52	0.57	−1	−6	−7	+4	+2	+2	+0	−9	+19	−11	0	0.27
38905		07 57 44.86	+00 17 50.5	8.52		H	119.436 928 13	+00.297 356 14		1.64	−16.66	−1.39	1.02	0.77	1.13	1.36	1.02	−6	+21	−35	−16	−6	−12	−11	+8	+10	+5	0	0.76
38906		07 57 45.23	−60 55 35.4	6.86		H	119.438 437 56	−60.926 490 19		2.91	−4.65	11.61	0.55	0.55	0.57	0.59	0.63	+3	−1	+3	+31	+0	+8	−1	+23	−13	−9	3	−0.87
38907		07 57 45.68	−40 07 24.1	7.36	3	T	119.440 323 76	−40.123 371 27		1.07	−5.59	5.06	0.48	0.55	0.64	0.53	0.57	−5	+6	+4	−4	+5	−3	+3	−24	+18	−19	0	1.30
38908		07 57 46.30	−60 18 12.1	5.59		H	119.442 935 78	−60.303 360 68		61.76	518.38	118.86	0.52	0.45	0.51	0.63	0.51	+1	+10	+13	+28	−9	+12	−11	+3	+5	−5	0	0.06
38909		07 57 47.14	−41 32 08.6	7.22		H	119.446 400 06	−41.535 714 09		4.03	−5.24	−11.95	0.48	0.51	0.62	0.52	0.54	+5	+9	+21	−5	−1	−3	−1	−6	+5	−4	1	0.73
120402		07 57 47.68	−60 36 35.0	8.38		G	119.448 660 83	−60.609 726 37		3.60	−7.61	2.85	6.86	7.90	2.72	6.67	7.89	−18	−29	+30	−93	+23	+32	+19	−96	−28	−27	0	−1.32
38910		07 57 48.40	−33 57 10.5	8.83		H	119.451 663 48	−33.952 926 06		54.62	136.63	304.56	3.26	3.22	4.31	3.93	3.28	+0	+9	+8	+3	+5	+8	+3	−24	+7	−5	0	
38911		07 57 48.48	+54 40 26.0	8.18		H	119.452 008 47	+54.673 893 21		7.87	19.70	9.86	0.75	0.57	1.02	1.09	0.87	+0	+17	+3	−33	−27	+2	−28	−25	+3	+8	1	−0.49
38912		07 57 48.72	+60 04 41.1	8.49		H	119.453 009 61	+60.078 096 75		6.34	−27.30	−47.82	0.78	0.68	1.16	0.85	0.87	−25	+34	−3	+50	+3	+19	−12	−13	−18	−44	3	0.88
38913		07 57 48.90	−34 55 42.1	7.82		H	119.453 737 17	−34.928 363 90		2.86	−5.72	0.61	0.57	0.62	0.81	0.64	0.63	+8	−5	+2	−5	−2	+27	−5	−27	+9	+5	0	−1.23
120403		07 57 49.18	−60 41 01.2	8.55		G	119.454 926 80	−60.683 658 19		1.14	−9.08	9.25	6.99	8.35	2.99	6.45	8.22	−20	−30	+24	−93	+29	+38	+23	−95	−19	−33	0	−0.59
38914		07 57 49.34	−08 50 14.9	9.74		H	119.455 587 34	−08.837 481 78		−0.49	0.60	3.48	1.01	0.91	1.38	1.15	1.05	−45	+31	−36	−19	+25	−25	+13	+0	−14	−28	2	2.02
38915		07 57 51.04	−00 41 22.0	12.52		H	119.462 669 14	−00.689 446 06		−0.24	−2.74	12.02	8.48	7.32	10.14	11.43	9.29	−37	+40	−51	−11	+1	−10	−3	+12	+12	−9	0	1.77
38916		07 57 51.14	−79 37 57.6	7.73		H	119.463 078 87	−79.632 676 74		3.35	−13.09	6.47	0.55	0.53	0.59	0.62	0.66	+4	+15	+17	+8	−1	+3	−3	−5	+6	−13	0	0.08
*38917		07 57 51.73	−45 34 39.9	5.14		G	119.465 556 42	−45.577 744 75		10.87	−17.29	31.33	0.43	0.38	0.47	0.54	0.37	+8	+2	+1	+16	−1	−5	−1	−24	+15	+8	1	1.77
*38918		07 57 51.69	+69 53 05.2	10.05	2	H	119.465 365 90	+69.884 778 13		11.67	−183.52	−24.15	0.81	1.03	1.52	0.86	1.18	+29	+6	−8	−6	−15	+14	−14	−4	+11	+20	0	0.23
38919		07 57 51.83	+39 21 31.7	10.38		H	119.465 945 72	+39.358 796 13		3.09	−25.63	−16.61	1.94	1.03	2.06	2.58	1.72	−13	+46	−20	+18	−6	+3	+5	+0	+14	+23	0	−0.56
38920		07 57 52.39	+04 31 01.9	8.40		H	119.468 299 05	+04.517 188 22		0.88	−12.16	−10.79	1.18	0.76	1.29	1.27	0.93	−3	+42	−20	−26	−5	−16	−16	−2	−16	+16	0	−0.12
38921		07 57 53.92	+29 31 00.6	8.20		H	119.474 673 78	+29.516 844 60		1.83	−16.70	−5.25	0.90	0.57	1.03	1.24	0.75	−11	+19	−29	+11	+9	−28	+2	+1	−14	+17	0	−1.04
38922		07 57 54.05	+03 40 31.9	10.30		H	119.475 199 71	+03.675 518 17		1.02	−2.87	−4.05	2.13	1.40	1.97	2.15	1.62	+25	+14	−35	−50	−28	−5	−32	−19	−7	+18	0	0.08
38923		07 57 54.09	−20 25 43.3	7.28	3	H	119.475 373 66	−20.428 693 55		1.28	0.21	1.52	0.55	0.45	0.81	0.65	0.43	+26	−3	−9	−18	+8	−26	+5	−35	−7	+57	0	0.27
38924		07 57 54.53	−41 38 28.4	7.54		G	119.477 220 43	−41.641 227 64		2.21	−11.12	8.82	0.46	0.50	0.60	0.50	0.50	+5	+4	+20	+0	−4	−2	−4	−10	+5	−6	0	−1.25
38925		07 57 54.79	−40 47 03.7	6.46		H	119.478 295 92	−40.784 361 06		5.69	23.32	3.61	0.41	0.45	0.55	0.44	0.47	+9	+11	+10	−1	−3	−10	−2	−12	+15	−2	2	1.71
38926		07 57 54.82	+40 58 29.4	8.63		G	119.478 396 70	+40.974 823 55		15.73	80.68	−148.79	1.25	0.71	1.41	1.91	1.38	−10	+14	−14	−2	−8	+21	+2	−25	+13	+23	0	−0.06
38927		07 57 55.11	−73 28 23.0	9.02		H	119.479 637 28	−73.473 056 80		5.94	−0.36	−9.37	0.66	0.66	0.74	0.63	0.70	+5	+25	+7	−25	−7	+4	−8	−4	−7	+0	0	1.48
38928		07 57 55.49	+64 19 10.2	8.86		H	119.481 191 15	+64.319 494 92		2.06	14.02	11.67	0.84	0.70	1.11	0.95	0.82	+1	+17	−3	−3	+10	+0	+13	−17	+6	+21	0	0.79
38929		07 57 55.55	−62 03 54.1	9.06		H	119.481 472 05	−62.065 021 54		6.90	−10.42	66.01	0.76	0.70	0.78	0.89	0.81	−11	−1	+10	+15	+1	+11	−3	+0	+0	−28	0	0.45
38930		07 57 56.79	+07 50 03.7	8.92		H	119.486 618 83	+07.834 361 72		3.43	−15.19	1.94	1.23	1.05	1.40	1.48	1.38	−28	+14	−18	−2	−33	−37	−43	+46	−3	−33	0	−1.59
38931		07 57 57.88	−00 48 51.9	8.05		G	119.491 155 89	−00.814 424 73		57.26	−156.43	3.00	1.28	0.96	1.45	1.66	1.24	−25	+37	−45	−18	−4	−9	−1	+0	+25	−3	0	2.12
38932		07 57 58.45	+32 56 27.9	7.74		H	119.493 535 08	+32.941 084 03		2.59	−7.96	−32.37	1.16	0.64	1.28	1.64	0.93	−17	+4	+3	−39	+4	+34	+1	−39	−31	−25	0	−0.52
38933		07 57 58.71	−52 17 38.6	7.61		H	119.494 612 19	−52.294 062 00		6.24	24.17	−23.39	0.56	0.57	0.60	0.63	0.57	+8	+6	−5	−29	−8	−1	−7	−37	+18	−2	1	1.65
38934		07 57 59.83	+43 00 40.7	8.68		H	119.499 283 54	+43.011 317 65		6.30	8.52	−2.59	1.25	0.73	1.24	1.78	1.32	−12	+27	−5	+5	+22	+2	+32	−26	+0	+12	0	−1.54
38935	H	07 58 00.19	+17 41 23.8	8.61		H	119.500 804 92	+17.689 934 86	A	2.18	3.54	−5.09	3.05	1.33	1.96	2.22	1.27	−43	+10	−32	−12	−5	−31	−10	+0	+2	−22	1	0.76
38936		07 58 00.90	−49 01 12.2	8.78		H	119.503 734 00	−49.020 060 72		3.32	−6.90	8.77	0.77	0.67	0.85	0.85	0.65	+10	+34	+17	+1	+6	+6	+5	−5	+4	−3	0	0.39
38937		07 58 01.72	+46 26 15.3	8.72		H	119.507 180 22	+46.437 570 88		1.72	−22.97	−18.96	1.18	0.61	1.30	2.14	1.41	+13	+1	−2	+37	−6	−2	−7	+18	+34	+24	0	−1.25
120404		07 58 02.92	−60 36 53.3	7.62		G	119.512 153 54	−60.614 812 10		1.95	−4.71	10.99	5.35	5.02	2.30	5.00	4.55	−22	−34	+17	−93	+30	+41	+24	−93	−7	−34	0	−0.76
38938		07 58 03.53	−43 52 49.9	8.93		H	119.514 722 23	−43.880 531 40		3.79	−19.12	29.53	0.71	0.67	0.83	0.81	0.87	−7	+8	+6	−6	+7	+3	+8	−29	+4	−9	1	0.16
38939		07 58 04.14	−25 37 33.7	8.42		G	119.517 232 68	−25.626 031 45		54.91	362.78	−245.89	0.60	0.69	1.15	0.64	0.69	+2	+9	+0	+37	+20	−8	+14	−27	+6	−8	0	0.73
38940		07 58 04.32	−32 06 22.6	9.17		H	119.518 019 09	−32.106 282 38		0.02	−1.61	3.85	0.65	0.81	1.08	0.72	0.84	+7	+8	+21	+22	−1	+11	−5	−7	−7	+2	0	−0.13
38941		07 58 04.43	+28 11 04.4	9.07		H	119.518 460 00	+28.184 558 77		5.02	−18.35	−9.54	1.22	0.75	1.38	1.14	0.93	−41	+52	−37	−4	−5	+4	−9	+2	−9	−32	0	0.10
38942		07 58 04.84	−37 34 48.3	7.48		H	119.520 159 49	−37.580 073 44		2.94	−10.29	7.05	0.47	0.53	0.64	0.52	0.49	+12	+14	+18	+4	−3	+3	−4	−28	+15	+3	2	−2.21
38943		07 58 05.04	−26 37 40.7	9.17		H	119.520 995 82	−26.627 978 70		−1.17	−4.75	2.52	0.73	0.92	1.32	0.83	0.98	−1	−7	−4	+41	+12	−5	+14	+4	+3	+7	0	−0.41
38944		07 58 05.14	−24 02 30.4	10.82	3	H	119.521 426 06	−24.041 773 69		0.11	−5.29	3.47	1.44	1.41	2.09	1.63	1.63	−2	−1	−5	−30	+4	+11	+3	−20	+14	+20	0	1.58
38945		07 58 05.90	+07 12 48.8	6.42	2	H	119.524 595 97	+07.213 554 85		3.87	−11.96	−10.26	0.84	0.61	0.95	1.03	0.76	−4	+25	−31	−25	−15	−36	−35	+23	−16	+10	0	−0.01
38946		07 58 06.18	+05 00 40.9	7.20		H	119.525 738 33	+05.011 371 78		5.49	−29.56	13.16	0.99	0.67	1.11	1.06	0.79	−6	+36	−32	−35	−5	−29	−22	+3	−18	+12	0	−0.79
38947		07 58 06.69	−31 15 05.7	8.84		G	119.527 886 19	−31.251 592 46		2.29	−7.60	7.88	0.58	0.71	0.99	0.67	0.70	+0	+2	+8	+18	+6	+14	+3	−10	+10	−4	0	1.27
38948		07 58 07.08	−35 54 51.2	10.45		H	119.529 496 81	−35.914 228 27		5.59	179.10	−235.55	0.99	1.13	1.43	1.10	1.02	+9	+6	+22	+14	+1	−5	−2	−24	+3	−5	2	0.23
38949		07 58 07.16	+33 57 42.6	9.28		H	119.529 818 88	+33.961 847 11		10.46	−50.16	−13.30	1.43	0.92	1.52	1.74	1.27	−42	+29	+1	−35	+29	+3	+23	−52	−15	−41	2	1.29
38950		07 58 07.43	+38 50 23.5	9.15		H	119.530 968 26	+38.839 849 68		11.05	−27.70	−108.40	1.40	0.74	1.47	1.69	1.18	−7	+44	−17	+7	−5	+4	+2	−5	+11	+18	2	0.32
38951		07 58 09.88	+42 39 06.5	8.05		H	119.541 146 93	+42.651 809 64		4.50	−13.46	−58.92	1.02	0.55	1.06	1.53	1.07	−10	+29	−14	+2	+4	−5	+14	−27	+7	+18	0	1.96
38952		07 58 10.36	+52 53 24.1	9.27		H	119.543 182 17	+52.890 034 33		13.71	−0.55	−64.57	0.99	0.65	1.27	1.19	0.97	+18	+38	+6	−27	−22	−12	−23	−14	−4	−3	0	0.47
*38953		07 58 11.12	+51 21 03.8	8.50		H	119.546 325 00	+51.351 066 22		3.81	−0.41	0.57	0.86	0.59	1.08	1.14	0.91	−9	+13	−3	+14	−17	−1	−17	+11	+12	−20	0	0.49
*38954		07 58 11.12	+13 19 46.6	7.48		H	119.546 321 70	+13.329 605 71		4.24	−8.43	−38.29	1.10	0.79	1.29	1.49	0.98	−9	+30	−47	−17	−15	+18	−9	−8	+3	+23	0	−1.18
38955		07 58 12.12	−39 36 47.2	8.00		H	119.550 517 82	−39.613 109 89		3.00	−15.51	10.85	0.54	0.57	0.70	0.60	0.57	−2	+7	+8	−5	+6	+0	+6	−17	+19	−14	0	0.74
38956		07 58 12.53	+41 18 19.3	12.02		G	119.552 223 64	+41.305 371 05		122.53	212.35	−685.10	10.51	6.35	11.52	11.15	9.99	−16	+32	−11	−14	+6	+19	+9	−27	+0	−18	0	
38957		07 58 14.44	−49 14 41.7	4.47	2	T	119.560 183 03	−49.244 928 65		2.80	−7.48	6.91	0.48	0.41	0.51	0.55	0.39	+6	+18	+9	+13	+0	+14	+0	−12	+9	+1	0	−1.20
38958		07 58 15.67	−23 00 33.1	8.31		H	119.565 297 01	−23.009 197 32		4.48	−22.82	6.81	0.66	0.61	0.98	0.83	0.69	+12	+14	−16	−8	+4	+1	+8	−24	+15	+31	0	−1.35
38959		07 58 16.53	+43 58 38.5	6.36		H	119.568 885 65	+43.977 362 14		6.30	38.82	4.94	0.87	0.45	0.93	1.05	0.78	−7	+44	−16	+19	+2	−11	+10	−6	+16	+8	0	0.06
38960		07 58 17.53	−63 07 53.7	8.19		H	119.573 048 68	−63.131 595 45		2.28	−4.31	12.34	0.68	0.59	0.69	0.90	0.77	−10	+8	+8	−6	−6	−18	+0	+7	+18	−37	0	−0.22
38961		07 58 18.93	+34 56 20.8	8.60		H	119.578 880 37	+34.939 123 04		2.67	−1.53	−1.49	1.40	0.66	1.50	1.26	0.90	−27	+63	−13	+2	+0	+3	−20	−16	−31	−26	0	0.88
38962		07 58 20.75	+02 13 28.3	5.30		H	119.586 448 62	+02.224 525 44		12.33	−162.54	99.28	0.90	0.56	0.96	0.91	0.67	−14	+54	−28	−20	+6	−18	+4	−2	+5	+6	0	1.22
38963		07 58 21.47	−51 26 54.9	6.44		H	119.589 468 76	−51.448 578 37		6.29	−42.61	43.90	0.45	0.44	0.50	0.54	0.45	+14	+17	+9	+0	−12	+10	−9	−17	+9	+15	0	0.90
38964		07 58 21.95	−59 41 51.2	7.84		H	119.591 464 75	−59.697 552 36		2.33	−7.37	16.27	0.65	0.61	0.66	0.73	0.68	−13	−9	+1	+12	+5	+4	−1	−21	+10	−27	0	0.50
38965		07 58 22.09	−29 07 48.4	8.54	3	T	119.592 043 62	−29.130 100 28		8.85	1.67	0.17	2.18	2.83	4.03	2.66	2.81	+4	+0	+9	−8	−5	−2	−6	−31	+12	−9	0	
38966	H	07 58 22.31	−60 51 27.9	6.73		H	119.592 963 41	−60.857 745 90	A	4.24	−4.02	12.54	0.90	0.80	0.79	0.88	0.81	−4	+11	−6	+35	−4	+15	−5	+11	−1	−9	6	1.03
38967		07 58 23.48	+38 45 04.3	9.41	2	H	119.597 819 48	+38.751 186 53		8.11	−96.36	−82.39	1.54	0.81	1.63	1.84	1.25	−3	+49	−17	−1	−5	+1	+0	−7	+8	+22	7	0.74
38968		07 58 24.00	−06 24 17.0	8.06		H	119.600 013 80	−06.404 718 69		4.20	−4.69	4.22	0.68	0.65	1.09	0.82	0.79	−32	+11	−39	+23	+14	−38	+0	+41	−19	−15	0	0.46
38969		07 58 25.59	−15 01 11.1	9.31		G	119.606 608 37	−15.019 757 64		30.20	1.63	−271.07	0.86	0.80	1.23	1.01	1.08	−31	+19	−12	−31	−6	−17	−3	−3	+8	−52	1	1.38
38970		07 58 26.35	−24 48 36.9	8.39	1	H	119.609 809 96	−24.810 239 46		2.71	4.41	4.19	0.55	0.66	1.07	0.60	0.71	−8	+6	−8	+28	+20	−10	+15	−24	+2	−15	1	0.44
38971		07 58 28.44	+67 18 54.3	8.83	2	H	119.618 502 85	+67.315 091 26		−0.58	−5.90	−12.06	0.64	0.89	1.29	0.75	1.02	+17	+1	−16	−17	−24	+9	−21	−27	+13	+32	0	0.70
38972		07 58 30.33	+02 56 09.2	6.65		H	119.626 379 92	+02.935 875 85		4.10	1.29	−9.29	0.74	0.55	0.85	0.88	0.67	−3	+28	−31	−11	−1	−18	−11	+16	−13	+13	0	2.94
38973		07 58 30.34	−03 38 16.1	8.11		G	119.626 396 60	−03.637 814 23		1.87	−6.66	−2.17	0.96	0.60	1.16	1.28	0.88	−28	+36	−34	−13	+17	−19	−1	+21	−3	+26	2	0.26
38974		07 58 30.85	−47 23 31.6	8.24		G	119.628 559 25	−47.392 123 29		3.77	−10.78	4.81	0.64	0.56	0.68	0.73	0.59	+6	+8	+11	−3	−18	−7	−16	−4	+7	−10	0	0.20
38975		07 58 31.48	+16 31 07.3	6.05		H	119.631 148 07	+16.518 690 28		2.33	−7.30	−4.35	0.87	0.65	0.96	0.95	0.77	−3	+5	−43	−22	−19	−18	−32	+16	+2	−11	0	0.15
38976	H	07 58 32.39	−66 46 28.4	8.28		H	119.634 939 39	−66.774 557 35	A	5.16	−13.03	18.48	1.14	1.07	0.98	1.05	1.08	−1	+2	+2	−39	−23	−2	−12	−2	+3	−29	2	1.07
38977		07 58 32.77	−36 38 04.5	8.32		H	119.636 531 08	−36.634 570 85		3.69	−11.32	2.11	0.56	0.71	0.84	0.59	0.80	−2	−7	+19	+2	−3	+6	−4	−8	−6	−13	0	0.03
38978		07 58 34.26	−21 29 15.8	8.38		H	119.642 766 65	−21.487 733 84	A	2.00	−2.94	0.40	1.22	1.08	1.67	1.24	0.97	+25	+10	+1	−12	+14	−8	+13	−20	+3	+48	2	0.96
38979		07 58 34.87	+43 30 14.2	7.30		H	119.645 294 00	+43.503 950 31		0.11	−2.13	−10.34	0.94	0.54	1.01	1.19	0.90	−13	+40	−23	+16	+8	−4	+21	−18	+20	+12	0	−0.54
38980		07 58 37.16	−34 56 43.0	7.95		G	119.654 843 16	−34.945 285 76		34.12	−361.23	208.12	0.98	1.10	1.39	1.08	1.11	+3	+5	+0	−5	+1	+11	+1	−31	+9	+1	0	
38981		07 58 37.64	−37 01 12.2	6.99		H	119.656 823 28	−37.020 066 25		8.68	67.50	−186.83	0.42	0.52	0.62	0.43	0.48	+6	+5	+24	+0	−3	+4	−7	−22	−1	−5	0	0.46
38982	H	07 58 38.08	−18 39 50.3	9.02		H	119.658 663 45	−18.663 969 19	A	2.67	−9.01	7.15	1.32	1.36	1.69	1.57	1.73	−18	+19	+11	−10	+38	−6	+34	−36	−12	−29	1	−0.38
38983		07 58 38.45	−27 34 38.9	6.98		H	119.660 202 33	−27.577 485 22		3.10	5.83	−19.44	0.33	0.52	0.83	0.38	0.55	+15	−6	−6	−1	+2	+23	−1	−20	+22	+7	0	0.70
38984		07 58 38.76	+43 40 55.1	10.14		H	119.661 511 56	+43.681 977 15		2.93	−85.90	−53.53	1.69	1.06	1.88	2.25	1.83	−19	+34	−18	+8	+6	−3	+14	−20	+22	−9	2	−0.79
38985		07 58 39.40	+26 01 24.6	8.69		H	119.664 158 67	+26.023 499 45		9.45	−43.92	−36.08	0.99	0.61	1.11	1.11	0.74	−21	+30	−24	−9	−7	−13	−7	−3	+10	−18	2	1.00
38986		07 58 40.11	−10 04 04.1	8.63		H	119.667 106 66	−10.067 812 49		0.07	−4.25	−1.31	0.78	0.72	1.07	0.95	0.87	−27	+7	−20	+3	−13	−36	−23	+21	+8	−29	0	0.13
38987		07 58 45.18	+05 37 23.8	6.95	2	G	119.688 263 15	+05.623 270 36		1.21	−6.85	−0.97	0.91	0.64	1.07	0.96	0.76	−21	+47	−43	−29	+9	−32	−17	+12	−25	+3	3	1.40
38988		07 58 45.56	−48 08 25.7	8.45		H	119.689 840 67	−48.140 475 00		1.73	−2.27	0.82	0.65	0.57	0.71	0.76	0.58	+2	+6	+9	+6	−5	+4	−5	−1	+11	−12	3	−1.72
38989		07 58 45.99	+12 07 14.6	8.44		H	119.691 611 03	+12.120 708 58		2.33	5.95	−23.61	1.09	0.78	1.28	1.29	1.01	−16	+31	−26	−30	+4	−34	−11	+2	−19	−8	0	−1.31
38990		07 58 46.24	−25 43 34.4	9.19		H	119.692 661 53	−25.726 226 07		1.63	0.07	2.51	0.79	0.85	1.35	0.88	0.93	+0	+13	−1	+32	+20	+1	+16	−19	+1	−8	0	0.74
38991		07 58 49.87	−78 48 49.9	9.39		G	119.707 783 69	−78.813 867 00		5.35	−30.40	40.55	0.71	0.71	0.77	0.84	0.86	+9	+21	+12	+2	−11	+9	−12	+7	−2	−7	0	−1.64
38992		07 58 50.12	+10 07 46.9	8.12		H	119.708 827 12	+10.129 699 68		33.43	448.32	23.80	1.20	0.80	1.28	1.32	0.98	+0	+29	−36	−42	−15	−27	−31	+9	−12	+10	0	1.46
38993	H	07 58 50.36	−47 40 58.6	7.28		G	119.709 838 47	−47.682 933 65	A	2.68	−12.12	4.98	0.86	0.75	0.84	0.92	0.73	−7	+5	+11	+26	−12	+16	−16	+4	+3	−25	3	0.46
38994		07 58 50.56	−60 49 28.2	5.77	2	H	119.710 653 87	−60.824 488 38		3.17	−4.54	10.73	0.48	0.41	0.47	0.50	0.43	+0	+12	+10	+33	−6	+16	−10	+1	+7	−12	1	0.95
38995		07 58 51.18	+39 26 49.8	9.15		H	119.713 250 04	+39.447 174 36		6.62	2.92	−22.02	1.50	0.81	1.74	1.93	1.45	−19	+45	−24	+19	−8	−6	+9	−4	+32	+8	0	0.43
38996		07 58 51.55	−56 00 49.5	9.04	1	G	119.714 774 56	−56.013 763 83		2.02	−8.46	−4.31	0.76	0.75	0.83	0.88	0.73	−2	−4	+22	+10	+0	+8	−3	−13	+0	−8	0	1.22
*38997		07 58 52.30	−01 36 55.8	8.92		H	119.717 922 03	−01.615 504 43		3.72	−9.06	−53.56	1.39	1.11	1.50	1.91	1.65	−32	+37	−36	−16	−15	−24	−24	+30	−3	−32	0	2.31
*38998		07 58 52.29	−13 18 53.6	8.81		G	119.717 888 36	−13.314 900 16		28.52	−192.59	−134.29	0.77	0.63	1.08	1.15	0.88	+1	+12	−21	+5	+22	−31	+16	−1	+1	−3	0	−0.91
38999		07 58 52.81	−29 02 35.4	9.30		H	119.720 026 59	−29.043 156 36		0.69	−7.47	3.06	0.71	0.84	1.28	0.80	0.93	+14	−4	−3	−1	−9	+9	−13	−30	+10	+1	0	1.05
39000		07 58 52.91	+08 27 11.7	7.37		H	119.720 458 27	+08.453 255 91		8.38	42.37	11.62	0.97	0.78	1.16	1.12	0.92	+0	−6	−42	−12	−18	−28	−37	+26	+2	−7	0	1.38

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
38901	4.966	0.002	4.804	0.002		0.151	0.012	G	0.24	0.02	A	4.8279	0.0005	0.006	170		4.82	4.84					1							S
38902	8.761	0.011	6.869	0.005		1.605	0.010	T	1.80	0.04	O	6.7837	0.0013	0.011	111		6.76	6.80		M			1							S
38903	9.410	0.018	7.947	0.010		1.233	0.016	T	1.19	0.02	L	7.9894	0.0012	0.008	73		7.97	8.00					1							
38904	7.443	0.006	7.417	0.007		0.044	0.005	G	0.06	0.00	H	7.4341	0.0011	0.010	111		7.42	7.45		C			1							S
38905	8.748	0.019	8.534	0.021		0.179	0.009	G	0.20	0.01	H	8.5784	0.0030	0.012	45		8.56	8.60		C			1							
38906	6.847	0.006	6.862	0.008		−0.009	0.009	T	0.01	0.01	L	6.8661	0.0014	0.008	74		6.85	6.88					1							S
38907	8.346	0.034	7.447	0.024		0.690	0.020	G	0.80	0.02	A	7.4916	0.0322	0.238	127		7.20	7.82	5.08	P 1 A			1							S
38908	6.274	0.004	5.656	0.003		0.573	0.009	G	0.65	0.02	A	5.7112	0.0006	0.007	84		5.70	5.73			07578−6018	I 1	1							S
38909	8.925	0.012	7.363	0.006		1.311	0.011	T	1.27	0.01	L	7.3787	0.0011	0.010	134		7.36	7.40		C			1							S
120402	8.289	0.017	8.365	0.022		−0.022	0.010	G	0.00	0.01	H	8.3699	0.0030	0.014	21		8.35	8.41		D			1							
38910	10.342	0.028	8.976	0.015		1.136	0.014	G	1.23	0.02	I	8.9589	0.0018	0.020	134		8.92	8.99					1 X							
38911	9.498	0.017	8.287	0.011		1.036	0.016	T	1.01	0.01	L	8.3423	0.0017	0.016	163		8.31	8.37		C			1							
38912	9.008	0.013	8.539	0.012		0.442	0.016	T	0.51	0.02	L	8.5853	0.0015	0.017	129		8.56	8.62		C			1							
38913	9.558	0.015	7.926	0.008		1.372	0.014	T	1.34	0.02	L	7.9440	0.0013	0.014	156		7.92	7.97		C			1							
120403	8.627	0.019	8.594	0.024		0.061	0.007	G	0.07	0.01	H	8.5790	0.0039	0.016	20		8.53	8.61					1							
38914	9.516	0.024	9.708	0.038		−0.156	0.010	G	−0.16	0.01	H	9.6851	0.0030	0.021	80		9.63	9.72					1							G
38915						2.564	0.400	G	2.56	0.41	J	12.5247	0.0266	0.144	34		12.08	12.83					1							D
38916	9.926	0.023	7.938	0.009		1.648	0.020	T	1.67	0.02	L	7.8420	0.0013	0.012	102		7.83	7.87					1							
38917	6.780	0.005	5.266	0.003		1.263	0.001	G	1.13	0.04	E	5.3055	0.0005	0.005	123		5.30	5.31		C			1							S
38918	11.035	0.034	10.150	0.026		0.800	0.020	G	0.84	0.02	H	10.1945	0.0028	0.037	218		10.11	10.27		U			1							G
38919	11.034	0.066	10.502	0.064		0.499	0.083	T	0.57	0.09	L	10.4924	0.0038	0.029	80		10.45	10.53		C			1							G
38920	10.093	0.037	8.543	0.019		1.301	0.033	T	1.26	0.03	L	8.5573	0.0022	0.013	51		8.53	8.58		C			1							
38921	10.042	0.028	8.343	0.013		1.419	0.024	T	1.40	0.04	L	8.3351	0.0021	0.013	86		8.32	8.36					1							
38922	11.472	0.132	10.190	0.069		1.091	0.116	T	1.05	0.12	L	10.4629	0.0047	0.027	44		10.42	10.50					1							G
38923	9.853	0.018	7.463	0.006		2.015	0.016	T	2.84	0.14	O	7.2345	0.0493	0.255	196		6.82	7.46		U 2 C			1	S						
38924	7.404	0.006	7.525	0.007		−0.109	0.007	G	−0.09	0.01	H	7.5095	0.0012	0.010	137		7.49	7.53					1							S
38925	7.709	0.007	6.571	0.004		0.979	0.006	T	0.96	0.01	L	6.6263	0.0008	0.007	122		6.61	6.64		C			1							S
38926	9.302	0.021	8.680	0.019		0.594	0.015	G	0.66	0.01	H	8.7535	0.0018	0.016	82		8.73	8.78		C			1							
38927	9.665	0.018	9.073	0.017		0.553	0.018	T	0.63	0.02	L	9.1462	0.0012	0.014	105		9.12	9.17					1							
38928	10.207	0.024	8.943	0.014		1.077	0.022	T	1.04	0.02	L	9.0262	0.0022	0.020	123		8.99	9.06					1							
38929	9.526	0.015	9.114	0.016		0.403	0.018	T	0.47	0.02	L	9.1575	0.0021	0.019	117		9.13	9.19		C			1							
38930	10.152	0.037	8.998	0.022		0.991	0.034	T	0.97	0.03	L	9.0876	0.0014	0.011	50		9.06	9.11		D			1							
38931	9.430	0.027	8.225	0.017		1.065	0.017	G	1.16	0.02	A	8.1757	0.0015	0.013	44		8.15	8.19		C	07580−0049	I 1	1	S						
38932	9.742	0.024	7.930	0.011		1.508	0.021	T	1.54	0.03	L	7.8700	0.0016	0.014	74		7.85	7.89					1							
38933	8.205	0.009	7.669	0.007		0.503	0.010	T	0.58	0.01	L	7.7257	0.0011	0.009	107		7.71	7.74		C			1							S
38934	9.076	0.016	8.702	0.016		0.354	0.021	T	0.42	0.02	L	8.7595	0.0023	0.017	84		8.73	8.79		C			1							
38935	10.660	0.046	8.820	0.018	*	1.237	0.197	G	1.20	0.19	K *	8.7719	0.0017	0.015	84	*	8.74	8.80		D	07580+1741	H 1	2 C	A	AB	279	0.450	0.020	2.24	0.13	
38936	8.757	0.018	8.782	0.024		−0.038	0.015	G	−0.02	0.01	H	8.7769	0.0022	0.017	111		8.75	8.80					1							
38937	9.891	0.021	8.837	0.014		0.915	0.019	T	0.91	0.01	L	8.8790	0.0017	0.019	116		8.85	8.91		C			1							
120404	7.543	0.011	7.585	0.015		−0.062	0.018	G	−0.04	0.02	H	7.6113	0.0023	0.015	21		7.57	7.64					1							
38938	10.146	0.046	9.049	0.028		0.740	0.040	G	0.79	0.03	R	9.0776	0.0017	0.016	128		9.05	9.10		C			1 G							
38939	9.789	0.017	8.576	0.011		1.043	0.001	G	1.14	0.02	A	8.5603	0.0018	0.018	167		8.53	8.60					1							
38940	9.384	0.016	9.180	0.018		0.195	0.023	T	0.21	0.03	L	9.2287	0.0020	0.023	164		9.19	9.26					1							
38941	9.508	0.024	9.116	0.025		0.371	0.032	T	0.43	0.04	L	9.1555	0.0025	0.016	67		9.13	9.19		C			1							
38942	7.335	0.006	7.463	0.008		−0.103	0.004	G	−0.09	0.01	H	7.4520	0.0010	0.010	131		7.44	7.47		C			1							S
38943	11.377	0.070	9.340	0.019		1.687	0.058	T	1.71	0.06	L	9.2713	0.0026	0.028	153		9.22	9.31					1							
38944	11.715	0.114	11.035	0.100		0.629	0.126	T	0.70	0.11	L	10.9465	0.0270	0.239	131		10.41	11.18	5.25	P 1 A			1	S						G
38945	6.410	0.010	6.417	0.010		−0.031	0.008	G	0.01	0.01	L	6.4205	0.0020	0.035	48		6.41	6.51		U 2			1							S P
38946	8.530	0.015	7.334	0.010		1.024	0.014	T	1.00	0.01	L	7.3719	0.0011	0.007	51		7.36	7.38		C			1	S						S
38947	8.813	0.009	8.842	0.012		−0.013	0.015	G	0.01	0.01	H	8.8404	0.0017	0.018	167		8.81	8.87		C			1							
38948	11.110	0.053	10.500	0.047		0.535	0.002	G	0.61	0.00	H	10.5680	0.0036	0.033	136		10.51	10.63		C			1							G
38949	9.935	0.031	9.331	0.028		0.563	0.037	T	0.64	0.03	L	9.3988	0.0026	0.018	75		9.37	9.43		C			1							
38950	9.851	0.027	9.227	0.025		0.577	0.027	T	0.65	0.03	L	9.2679	0.0022	0.021	78		9.23	9.30					1							
38951	9.343	0.021	8.143	0.014		1.064	0.038	G	1.08	0.03	H	8.2128	0.0029	0.019	90		8.18	8.24		R			1	S						S
38952	10.131	0.025	9.343	0.020		0.715	0.025	T	0.77	0.02	L	9.4180	0.0017	0.019	119		9.39	9.45					1							
38953	8.662	0.011	8.540	0.013		0.118	0.016	T	0.13	0.02	L	8.5492	0.0015	0.016	119		8.50	8.58					1							S
38954	8.824	0.018	7.596	0.012		1.049	0.017	T	1.02	0.01	L	7.6434	0.0016	0.008	56		7.63	7.66		C			1							S
38955	7.973	0.009	7.986	0.010		−0.033	0.001	G	−0.01	0.00	H	8.0016	0.0009	0.012	127		7.98	8.02		C			1							S
38956						1.618	0.019	G	2.65	0.05	I	11.9947	0.0087	0.057	72		11.89	12.08					1 X							D G
38957	4.228	0.017	4.436	0.016		−0.180	0.021	T	−0.14	0.02	A	4.3770	0.0215	0.185	108		4.28	4.82	1.45	P 1 A	07582−4915	I 1	1	S						S
38958	8.534	0.011	8.329	0.012		0.189	0.016	T	0.21	0.02	L	8.3741	0.0015	0.015	142		8.34	8.41					1							
38959	7.696	0.009	6.475	0.005		1.043	0.008	T	1.01	0.01	L	6.5258	0.0009	0.006	91		6.52	6.54		C			1							S
38960	8.194	0.010	8.189	0.012		0.006	0.014	T	0.03	0.01	L	8.1897	0.0020	0.017	97		8.17	8.22		C			1							S
38961	8.650	0.012	8.595	0.015		0.056	0.018	T	0.07	0.01	L	8.6194	0.0017	0.015	73		8.59	8.65		C			1							S
38962	6.472	0.005	5.394	0.004		0.933	0.005	T	0.93	0.00	L	5.4568	0.0006	0.004	53		5.45	5.47			07584+0213	I 1	1							S
38963	6.749	0.004	6.476	0.005		0.260	0.006	T	0.29	0.01	L	6.5122	0.0007	0.007	114		6.50	6.52		C			1							S
38964	9.179	0.015	7.977	0.009		1.029	0.014	T	1.00	0.01	L	8.0121	0.0013	0.011	106		7.99	8.03		C			1							
38965	10.030	0.024	8.667	0.012		1.300	0.020	G	1.47	0.02	A	8.7407	0.0530	0.462	173		8.15	9.19	30.12	P 1 A			1 X	S						P
38966	6.646	0.013	6.651	0.016	*	0.000	0.019	T	0.02	0.02	L *	6.7405	0.0013	0.010	86	*	6.72	6.76		D	07584−6051	I 1	2 C	A	AB	357	5.453	0.002	0.86	0.01	S
38967	10.240	0.037	9.541	0.032		0.644	0.040	T	0.71	0.04	L	9.5422	0.0031	0.019	78		9.51	9.56		U			1	S						
38968	8.044	0.009	8.042	0.011		0.007	0.013	T	0.03	0.01	L	8.0733	0.0011	0.010	93		8.06	8.10		C			1							S
38969	10.783	0.044	9.478	0.023		1.123	0.015	G	1.21	0.02	I	9.4314	0.0019	0.019	132		9.40	9.47		C			1	S						
38970	10.492	0.024	8.564	0.009		1.600	0.020	T	1.62	0.02	L	8.5028	0.0014	0.021	215		8.46	8.54		U			1							
38971	10.921	0.038	9.056	0.014		1.550	0.032	T	1.62	0.05	L	8.9454	0.0045	0.042	171		8.88	9.00		U 2			1	S						
38972	6.841	0.006	6.677	0.006		0.157	0.008	T	0.17	0.01	L	6.7058	0.0010	0.006	64		6.70	6.72		C			1							S
38973	7.969	0.010	8.081	0.013		−0.103	0.002	G	−0.09	0.00	H	8.0845	0.0017	0.011	71		8.07	8.10					1							S
38974	8.196	0.008	8.237	0.010		−0.036	0.006	G	−0.01	0.01	H	8.2363	0.0015	0.014	118		8.22	8.25		C			1							
38975	7.984	0.012	6.194	0.006		1.468	0.015	G	1.48	0.02	H	6.1820	0.0011	0.007	41		6.17	6.19		C			1							S
38976	8.348	0.010	8.309	0.012	A	−0.100	0.495	G	0.09	0.03	L *	8.3152	0.0013	0.012	89	*	8.29	8.34		D	07585−6647	I 1	2 C	D	AB	358	1.240	0.050	3.76	0.21	D
38977	9.484	0.014	8.402	0.010		0.936	0.013	T	0.93	0.01	L	8.4827	0.0017	0.017	146		8.46	8.51		C			1 G							
38978	9.744	0.017	8.484	0.011	A	1.074	0.016	T	1.04	0.01	L	8.5482	0.0102	0.041	194	A	8.49	8.63		D	07586−2129	I 1	2 C	A	AB	7	15.411	0.014	2.07	0.07	
38979	7.075	0.005	7.268	0.008		−0.167	0.008	T	−0.17	0.01	L	7.2428	0.0012	0.010	89		7.23	7.27		C			1							S
38980	8.889	0.010	8.041	0.008		0.739	0.002	G	0.79	0.00	H	8.0890	0.0014	0.013	150		8.07	8.11		C			1 X							
38981	8.207	0.009	7.086	0.006		0.979	0.002	G	0.96	0.00	H	7.1332	0.0009	0.011	150		7.12	7.15		C			1							S
38982	9.014	0.018	9.038	0.024	A	0.000	0.495	G	−0.01	0.07	L *	9.0221	0.0031	0.018	78	*	9.00	9.06		C	07586−1840	I 1	2 C	C	AB	140	4.541	0.063	3.63	0.36	
38983	9.064	0.008	7.152	0.004		1.587	0.007	T	1.61	0.01	L	7.0988	0.0010	0.013	260		7.08	7.12					1							S
38984	10.991	0.057	10.146	0.046		0.759	0.055	T	0.80	0.04	L	10.2841	0.0035	0.024	83		10.24	10.33					1							G
38985	9.208	0.020	8.713	0.019		0.466	0.025	T	0.54	0.03	L	8.7933	0.0019	0.013	73		8.77	8.82		C			1							
38986	8.579	0.013	8.613	0.016		−0.026	0.019	T	0.00	0.02	L	8.6323	0.0016	0.015	92		8.61	8.66					1							
38987	6.887	0.009	6.967	0.010		−0.071	0.002	G	−0.05	0.00	H	6.9345	0.0055	0.038	50		6.92	7.03	2.68	P 1 A	07588+0537	I 1	1	S						S
38988	8.466	0.009	8.455	0.011		0.024	0.015	G	0.04	0.01	H	8.4619	0.0015	0.017	125		8.44	8.49					1							
38989	9.735	0.027	8.538	0.018		1.025	0.025	T	1.00	0.02	L	8.6034	0.0016	0.011	52		8.59	8.62		C			1							
38990	11.172	0.060	9.319	0.020		1.541	0.050	T	1.60	0.11	L	9.3020	0.0025	0.025	160		9.25	9.35					1							
38991	9.844	0.020	9.446	0.021		0.389	0.007	G	0.45	0.01	H	9.4749	0.0020	0.015	99		9.44	9.50		C			1							
38992	9.128	0.018	8.204	0.014		0.789	0.009	G	0.83	0.01	H	8.2600	0.0013	0.011	52		8.24	8.28		C			1							
38993	7.394	0.014	7.514	0.015	A	−0.086	0.003	G	−0.07	0.00	H *	7.2610	0.0012	0.011	138	*	7.24	7.28		D	07588−4741	I 1	2 C	A	AB	353	1.706	0.003	1.18	0.02	S
38994	5.652	0.005	5.758	0.006		−0.082	0.024	G	−0.02	0.03	C	5.7620	0.0042	0.036	88		5.69	5.80		U 2			1							S
38995	9.708	0.025	9.162	0.023		0.512	0.030	T	0.58	0.03	L	9.2569	0.0026	0.021	78		9.23	9.29		C			1							
38996	9.563	0.017	9.113	0.017		0.453	0.015	G	0.52	0.02	H	9.1412	0.0028	0.020	105		9.10	9.18		U			1	S						
38997	10.217	0.038	9.018	0.024		1.026	0.035	T	1.00	0.03	L	9.0835	0.0028	0.014	43		9.05	9.10		C			1							
38998	9.876	0.049	8.791	0.034		0.869	0.007	G	0.91	0.01	H	8.9211	0.0015	0.017	112		8.90	8.95					1							
38999	9.245	0.011	9.296	0.016		−0.043	0.017	T	−0.02	0.02	L	9.2966	0.0024	0.027	175		9.26	9.35					1	S						G
39000	8.796	0.017	7.499	0.010		1.103	0.015	T	1.07	0.02	L	7.5390	0.0013	0.011	50		7.52	7.56		D			1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
39001		07 58 53.39	−27 54 25.5	7.44		H	119.722 444 52	−27.907 077 99		3.11	−5.19	2.03	0.36	0.54	0.84	0.43	0.61	+15	−12	−14	−3	−2	+20	−4	−21	+23	+9	0	0.98
39002		07 58 54.36	+21 09 13.6	8.28		G	119.726 512 64	+21.153 783 76		5.89	−4.77	4.29	0.96	0.55	1.06	0.96	0.58	−39	+38	−16	−3	−16	−10	−16	−9	+8	−62	0	0.83
39003		07 58 54.92	−17 03 26.0	7.66		H	119.728 824 21	−17.057 212 47		3.11	0.05	0.88	0.64	0.64	0.97	0.83	0.95	−10	+18	−10	−17	+7	−17	+6	−18	+8	−26	2	−1.15
39004		07 58 54.96	−32 33 27.7	9.50	2	G	119.729 000 17	−32.557 699 00		0.52	−3.78	3.13	0.68	0.85	1.11	0.68	0.89	−1	+0	+12	+5	+4	+16	+2	+11	−4	−3	1	0.28
39005		07 58 57.24	+48 37 32.1	7.35		H	119.738 513 98	+48.625 579 70		7.65	−6.37	−13.93	0.93	0.50	0.92	1.24	0.88	+15	+25	+5	+39	+11	−11	+9	+17	−6	+4	0	−0.86
39006		07 58 57.34	+11 41 43.0	8.66		G	119.738 924 96	+11.695 270 00		3.17	−6.58	−27.90	1.09	0.87	1.32	1.27	1.04	−26	+29	−28	−18	+7	−31	−7	+7	−17	−13	0	−0.68
39007		07 58 58.60	−40 54 03.7	8.50		H	119.744 151 97	−40.901 038 41		11.26	−39.84	53.77	0.62	0.64	0.82	0.69	0.64	+4	+12	+13	−7	−5	−23	−2	−15	+12	−9	0	0.51
39008		07 58 58.73	−11 30 54.3	8.75		H	119.744 711 93	−11.515 092 37		1.63	−0.83	0.67	1.09	0.74	1.36	1.18	0.75	−32	+52	−42	+27	−6	+12	+2	+8	+2	+5	0	0.32
39009		07 58 58.89	+72 47 15.6	11.52	2	H	119.745 358 39	+72.787 654 57		−1.64	−3.03	−16.65	1.25	1.57	2.08	1.48	1.90	+16	+18	−5	+6	−14	+5	−12	−6	+7	+27	1	−0.45
39010		07 58 59.22	−29 18 28.4	10.61	3	H	119.746 754 33	−29.307 886 71		3.90	−1.07	1.67	1.37	1.81	2.71	1.60	1.83	+11	−1	+0	+13	−10	+22	−9	−16	+28	+15	0	−0.68
39011		07 59 00.13	−30 20 25.1	9.14		G	119.750 535 95	−30.340 302 04		1.24	−10.58	5.73	0.68	0.86	1.21	0.81	0.84	+7	+13	+20	+22	+11	+20	+4	−11	+4	−4	0	1.04
*39012	H	07 59 00.80	−00 26 35.6	8.21		H	119.753 336 00	−00.443 212 34	A	5.11	−5.17	−7.26	1.59	1.20	1.59	1.79	1.37	−32	+23	−50	−27	+0	+1	+1	−12	+11	−13	0	0.64
*39013		07 59 00.74	−48 22 34.8	6.84		G	119.753 064 45	−48.376 321 45		1.49	−6.62	4.11	0.50	0.43	0.53	0.59	0.43	+7	+14	+8	+14	−3	+11	−4	−2	+4	+0	3	2.36
39014		07 59 01.81	−45 12 57.1	5.98		G	119.757 548 09	−45.215 863 05		3.03	−11.58	7.92	0.43	0.39	0.49	0.51	0.38	+10	+3	+9	+2	−3	−7	−3	−25	+15	+2	0	0.81
39015		07 59 02.16	+37 34 30.0	8.89		H	119.759 010 90	+37.575 001 47		−0.32	−3.98	−1.19	1.22	0.66	1.24	1.38	0.83	+0	+33	−6	−16	−11	−6	−12	−15	−1	+4	0	1.03
39016		07 59 02.46	+61 21 04.3	8.90		H	119.760 250 68	+61.351 207 55		3.21	2.78	−25.93	0.77	0.73	1.29	0.74	0.73	+0	+28	+5	+3	+14	−5	+21	−35	+10	+13	0	−1.00
39017		07 59 03.93	−04 19 56.3	6.98	2	H	119.766 370 59	−04.332 314 64		16.20	28.16	−41.95	0.74	0.51	1.00	1.06	0.74	−14	+20	−35	+25	+30	−29	+19	+33	−28	+32	0	1.15
39018		07 59 04.50	+24 13 45.2	9.82		H	119.768 751 31	+24.229 226 28		2.01	−7.95	2.40	1.37	0.89	1.48	1.38	0.94	−27	+33	−30	−22	−14	−4	−15	−11	−2	−39	0	−0.81
39019		07 59 04.70	−54 32 48.9	7.82		G	119.769 593 64	−54.546 915 89		2.29	−11.72	7.34	0.59	0.51	0.62	0.71	0.51	+4	+24	+17	+4	+1	+3	+3	−1	+13	+1	0	−0.68
39020		07 59 05.20	−25 16 37.0	9.29	2	H	119.771 672 58	−25.276 946 43		−0.53	−5.52	4.28	0.62	0.69	1.07	0.71	0.89	−1	+4	−3	+33	+21	−14	+14	−20	−4	−17	0	0.99
39021		07 59 05.58	−33 54 45.1	8.30		H	119.773 250 03	−33.912 530 47		2.33	−3.01	−3.87	0.63	0.71	0.91	0.77	0.73	+9	+5	+14	+25	−2	+4	−4	−23	−5	+5	0	−1.06
39022		07 59 05.67	+24 18 52.2	9.40		H	119.773 639 05	+24.314 499 41		5.29	−10.56	−23.86	1.25	0.81	1.36	1.30	0.89	−39	+35	−37	−34	+8	−10	+6	−29	+7	−49	2	1.40
39023		07 59 05.72	−23 18 37.4	5.09		H	119.773 843 63	−23.310 402 64		4.15	−11.74	2.75	0.48	0.41	0.69	0.53	0.45	+23	+15	−16	−14	−1	−4	+2	−22	+11	+42	0	−0.35
39024		07 59 05.89	−19 20 04.8	8.08		H	119.774 536 47	−19.334 662 01		4.64	26.27	−10.09	0.71	0.69	1.03	0.88	0.97	+13	+21	+6	−15	+4	−15	+2	−24	−7	−3	0	0.70
39025	H	07 59 06.04	+06 20 12.4	8.09		H	119.775 146 65	+06.336 781 45	A	2.34	−12.58	−4.68	1.58	1.20	1.56	1.85	1.39	−21	+36	−36	+6	−8	−6	−15	+31	−10	+3	0	0.93
39026		07 59 07.04	−41 35 14.1	8.50		G	119.779 344 49	−41.587 249 27		14.11	22.19	262.84	0.60	0.66	0.78	0.65	0.65	+7	+2	+18	−5	−7	−4	−6	−14	+7	+0	0	−1.41
39027		07 59 07.23	−11 48 05.3	8.37		H	119.780 127 57	−11.801 481 36		2.58	−0.70	1.01	0.98	0.72	1.27	1.06	0.79	−35	+52	−42	+14	+4	+2	+4	−3	−6	+2	0	−0.14
39028		07 59 07.62	−39 25 13.2	7.24		G	119.781 743 67	−39.420 319 65		0.99	−4.75	5.68	0.46	0.49	0.60	0.50	0.47	−6	−2	+10	+8	−2	−1	−3	−12	+16	−13	5	1.55
39029		07 59 07.69	−08 32 47.9	8.75		H	119.782 033 93	−08.546 632 87		3.13	−2.85	5.03	0.89	0.76	1.20	1.06	0.93	−37	+26	−28	+7	+10	−18	+1	+22	−16	−23	0	−0.92
39030		07 59 07.74	−38 03 03.8	7.27		H	119.782 245 81	−38.051 065 96		4.92	−24.18	46.43	0.45	0.52	0.63	0.48	0.48	+11	+10	+19	+20	−4	+11	−6	−18	+14	+6	0	−1.36
39031		07 59 09.98	+30 43 12.4	8.66		H	119.791 570 01	+30.720 098 56		6.61	1.68	1.05	1.05	0.67	1.18	1.36	1.07	−8	+5	−13	+10	+3	−22	+0	+4	−10	−8	0	−0.99
39032		07 59 10.18	+07 57 32.2	8.45		H	119.792 420 40	+07.958 945 72		6.01	−10.11	−10.85	1.23	1.01	1.54	1.66	1.41	−27	+5	−25	−8	−20	−48	−41	+27	+23	−34	0	−0.36
39033		07 59 10.27	−51 27 57.3	7.34		H	119.792 779 54	−51.465 921 92		2.69	−7.48	0.88	0.47	0.48	0.52	0.53	0.48	+17	+18	+10	−5	−16	+4	−14	−23	+5	+11	0	−0.37
39034		07 59 11.94	−31 04 35.5	8.19		H	119.799 739 42	−31.076 534 44		2.74	−10.60	−0.35	0.51	0.59	0.83	0.59	0.57	−7	−3	+12	+8	+17	+13	+12	−22	+11	−8	0	−0.10
39035		07 59 12.31	−49 58 36.7	6.35		H	119.801 290 13	−49.976 869 27	A	2.54	−5.37	7.53	3.37	3.58	2.90	3.73	3.30	+11	+13	+7	+0	−14	+8	−11	−37	+11	+10	2	−1.68
39036		07 59 12.63	+33 52 24.3	7.91		H	119.802 637 27	+33.873 427 61		3.11	13.96	−24.36	1.08	0.63	1.16	1.65	0.83	−19	+16	+0	+6	−8	−11	−7	−13	−23	+2	0	1.11
39037		07 59 12.75	+05 15 05.8	7.23		H	119.803 126 48	+05.251 606 07		3.91	−10.47	−9.59	0.95	0.67	1.06	1.05	0.87	−6	+30	−27	−34	−3	−19	−17	−1	−29	+0	0	−1.20
39038		07 59 13.57	−49 58 25.6	6.37		G	119.806 523 53	−49.973 789 39	B	3.89	−10.57	7.29	12.62	13.25	6.13	7.98	6.97	+11	+15	+14	+20	−19	+7	−13	−22	+12	+13	2	−1.68
39039		07 59 14.02	−52 09 05.6	9.23		H	119.808 431 34	−52.151 547 02		19.00	−21.30	1.80	0.81	0.76	0.85	0.92	0.78	+5	−1	+2	−36	−2	+4	−1	−28	+17	−7	0	1.47
*39040		07 59 15.80	+11 26 01.3	9.43		H	119.815 812 72	+11.433 705 71		0.29	1.01	−10.97	1.36	1.00	1.52	1.67	1.32	−11	+14	−14	−15	+3	−21	−1	−2	−6	−9	0	−0.39
*39041		07 59 15.78	−73 14 38.8	6.33		G	119.815 739 07	−73.244 121 59		7.97	−6.77	−20.33	0.45	0.42	0.49	0.42	0.44	+6	+25	+15	−27	−5	−4	−3	−1	+2	−3	1	−0.29
39042		07 59 16.38	−07 30 17.9	8.42	3	H	119.818 234 56	−07.504 967 00		2.06	−2.25	−0.26	0.78	0.73	1.22	0.98	0.85	−20	+4	−44	+12	+14	−34	−3	+29	−23	−5	2	−0.09
39043		07 59 16.72	−16 50 46.9	8.54		H	119.819 659 18	−16.846 364 77		3.46	−12.24	6.67	0.79	0.80	1.21	0.94	1.08	−4	+15	−27	−3	−20	−12	−23	+12	+12	−17	0	0.23
39044		07 59 16.80	+44 51 05.7	8.44		G	119.820 018 58	+44.851 579 03		16.02	−13.70	81.80	1.15	0.53	1.16	1.64	1.02	+14	+35	+9	+14	−17	−17	−20	+10	−1	+21	0	−0.90
39045		07 59 17.40	−71 26 00.4	8.59		G	119.822 479 46	−71.433 457 24		7.12	−31.34	47.72	0.75	0.68	0.77	0.90	0.81	−5	+31	+10	−16	−7	+1	+0	+1	+4	−39	0	1.13
39046		07 59 17.74	+16 49 08.8	7.50		H	119.823 903 04	+16.819 109 53		9.67	−58.86	−24.07	1.00	0.72	1.18	1.11	0.83	+6	+4	−51	−26	−12	−24	−31	+11	−5	+0	0	2.19
39047		07 59 19.32	+30 26 57.8	8.61		H	119.830 486 17	+30.449 391 57		1.39	1.63	−11.36	1.11	0.70	1.25	1.52	1.15	−22	+18	−16	+19	+0	−26	−3	+9	−13	−3	0	−1.40
39048		07 59 19.71	+45 24 58.8	10.08		H	119.832 145 30	+45.416 335 99		18.93	−135.65	−174.98	1.79	0.88	1.78	2.80	1.98	+31	+13	+16	−8	−26	+6	−34	−3	+14	+29	0	−0.08
39049		07 59 21.18	+50 20 38.4	7.53		H	119.838 264 39	+50.344 011 78		4.41	−21.70	−25.43	1.01	0.53	0.97	1.32	0.88	+34	+31	−1	+40	+21	−4	+18	+27	−6	+38	0	1.66
39050		07 59 21.22	−19 27 58.4	7.49		H	119.838 414 34	−19.466 221 84		3.08	−5.40	2.18	0.59	0.58	0.88	0.77	0.79	+6	+9	−4	−1	+3	−5	+3	−17	+0	+4	0	1.13
39051		07 59 22.40	−52 32 34.4	7.45		H	119.843 352 53	−52.542 899 79		4.11	−9.36	17.94	0.55	0.55	0.60	0.63	0.56	+6	+13	+3	−24	+0	−4	+1	−30	+11	−3	0	1.39
39052		07 59 22.75	+15 21 56.0	7.98		H	119.844 802 34	+15.365 552 35		4.54	−13.88	−12.74	1.02	0.72	1.09	1.19	0.93	−9	+20	−28	−30	−10	−20	−18	+4	−1	−5	0	−0.19
39053		07 59 22.87	+42 17 44.1	8.94		H	119.845 271 31	+42.295 596 73		1.76	−4.04	−4.74	1.31	0.79	1.27	1.80	1.30	−14	+22	−13	+3	+17	+4	+23	−25	−3	+2	0	−1.10
39054		07 59 23.03	−49 07 11.6	8.68		G	119.845 954 56	−49.119 902 04		2.72	−6.55	7.53	0.74	0.70	0.84	0.84	0.76	+5	+25	+6	+4	−3	+13	−5	−11	−2	−1	0	−0.33
39055		07 59 23.27	+58 42 16.5	8.82		H	119.846 954 31	+58.704 588 98		8.76	2.58	−27.79	0.97	0.76	1.21	1.39	1.04	+0	+0	+14	−28	−8	+14	−9	−20	−20	−11	2	0.15
39056	H	07 59 23.89	−10 28 57.3	8.74		H	119.849 548 44	−10.482 589 37	A	1.10	−5.62	4.18	2.03	1.93	2.25	1.79	1.82	−55	+24	−13	+10	−12	−21	−10	+29	+9	−51	2	−0.55
39057		07 59 25.07	+34 40 47.7	7.30	2	H	119.854 461 64	+34.679 928 78		3.49	3.38	−6.43	1.13	0.60	1.25	1.03	0.76	−35	+64	−22	−2	+6	−9	−14	−12	−26	−25	0	0.71
39058		07 59 25.49	+09 56 08.8	7.87		G	119.856 205 36	+09.935 785 83		11.12	−108.28	10.94	1.06	0.75	1.29	1.17	0.89	−11	+32	−41	−31	−1	−42	−26	+23	−17	+0	0	−0.13
39059		07 59 26.74	+03 11 10.4	9.03		H	119.861 408 53	+03.186 217 16		2.81	0.73	−6.32	1.16	0.89	1.31	1.46	1.12	−11	+23	−31	−16	+5	−22	−4	+8	−6	+0	0	1.56
39060	H	07 59 27.81	−69 09 07.4	9.09		H	119.865 879 81	−69.152 060 81	A	−0.01	−6.08	8.61	1.40	1.44	1.32	1.47	1.52	−8	+8	+13	−20	−8	−4	−10	−27	−6	−25	1	0.22
39061	H	07 59 28.43	−39 17 48.6	5.22		H	119.868 438 28	−39.296 837 73	*	17.28	−78.34	−43.68	1.01	0.75	0.58	0.62	0.52	+12	−5	+15	−16	−6	+0	−8	−12	+7	−7	2	1.30
39062		07 59 30.35	−28 25 59.3	7.67		H	119.876 474 12	−28.433 140 32		9.90	11.87	−32.96	0.44	0.61	0.87	0.52	0.96	+11	−16	−7	−10	−4	+13	−4	−43	+13	+8	1	2.63
39063		07 59 30.62	−37 18 08.7	7.43		G	119.877 592 11	−37.302 404 46		2.34	−6.85	7.05	0.45	0.54	0.63	0.50	0.52	+9	+12	+16	−6	−1	+2	−2	−30	+6	+0	0	−0.57
39064		07 59 33.82	+20 50 42.8	7.68		H	119.890 922 54	+20.845 210 31		43.21	180.46	−544.36	0.88	0.51	0.96	0.91	0.50	−41	+40	−19	+1	−15	−7	−14	−18	+11	−68	0	1.76
39065		07 59 34.18	−65 26 10.5	8.97		H	119.892 418 49	−65.436 257 39		6.73	−42.56	57.56	0.73	0.81	0.87	0.66	0.99	−10	+3	−7	−24	−17	+0	−16	−3	+11	−43	0	2.09
39066		07 59 34.29	−40 45 09.4	7.70		H	119.892 865 67	−40.752 608 55		6.96	−20.54	24.47	0.49	0.52	0.65	0.52	0.51	+1	+15	+10	−10	+0	−14	+3	−17	+20	−16	0	1.11
39067		07 59 35.07	+13 14 31.9	6.05		H	119.896 113 15	+13.242 204 92		10.83	−20.60	−16.16	0.94	0.72	1.12	1.00	0.77	−18	+33	−60	−37	−8	−8	−22	+3	−14	+2	0	0.99
39068		07 59 35.77	+12 58 59.4	8.34		H	119.899 061 35	+12.983 173 23		29.46	−237.88	−43.85	1.37	0.91	1.52	1.35	1.07	−25	+50	−48	−46	+2	−20	−23	−3	−27	+0	0	0.00
39069		07 59 36.76	+79 51 41.4	6.84		H	119.903 179 21	+79.861 500 72		2.58	−9.62	−8.48	0.44	0.46	0.61	0.48	0.54	+7	+22	+3	+6	−7	+5	−6	−4	−3	+19	0	−0.47
39070		07 59 37.55	−60 35 13.5	5.19	2	H	119.906 442 86	−60.587 088 57		3.12	−3.52	11.27	0.47	0.43	0.48	0.51	0.48	−5	−5	+13	+22	−5	+10	−9	+2	+3	−15	0	0.20
39071		07 59 37.71	−43 17 58.1	8.28		G	119.907 134 20	−43.299 484 44		17.52	−129.62	227.18	0.57	0.61	0.72	0.68	0.62	−4	+15	+7	−8	+10	−1	+9	−23	+15	−19	3	−0.48
39072		07 59 37.98	+48 46 34.6	8.64		H	119.908 251 55	+48.776 278 74		17.49	−58.39	−63.95	1.14	0.60	1.17	1.50	1.03	+24	+31	−1	+31	+17	−9	+17	+15	−6	+30	0	1.17
39073		07 59 40.09	−60 12 26.6	6.30		H	119.917 050 80	−60.207 376 95		2.39	−4.41	10.68	0.49	0.45	0.50	0.56	0.50	−10	+3	+5	+4	+3	+2	+0	−25	+13	−21	0	−1.14
39074	H	07 59 40.79	+46 37 12.5	7.89		G	119.919 970 36	+46.620 150 23	A	8.63	−32.20	−39.36	1.64	0.92	1.70	2.55	1.64	+33	+24	+9	+26	+11	+11	+13	+15	+19	+37	0	0.83
39075		07 59 41.13	+04 53 13.1	7.76		H	119.921 388 96	+04.886 965 63		1.28	2.61	−3.32	1.15	0.78	1.29	1.28	1.01	−18	+37	−28	−33	+16	−22	+2	−9	−23	−6	0	−0.35
39076		07 59 41.76	−48 16 45.8	7.67		G	119.924 017 58	−48.279 383 12		1.04	−5.14	4.88	0.58	0.53	0.65	0.67	0.52	+11	+9	+17	+7	−3	+8	−4	−3	+11	−4	1	−1.10
39077		07 59 42.62	+23 10 58.7	6.92		H	119.927 574 47	+23.182 959 80		1.73	−17.86	−21.58	0.75	0.47	0.82	0.80	0.49	−28	+37	−14	−6	−16	−18	−16	−6	+2	−38	0	1.94
39078		07 59 44.05	−39 59 02.3	9.00		H	119.933 551 80	−39.983 980 50		0.54	−11.97	−16.21	0.72	0.86	0.98	0.76	0.83	−12	+1	+20	−7	+7	+1	+6	−15	+4	−19	0	2.19
39079		07 59 44.18	−03 40 46.5	4.93		G	119.934 103 03	−03.679 578 35		13.06	−55.17	−1.84	0.80	0.49	0.96	1.08	0.69	−34	+47	−43	−7	+25	−28	+0	+28	−16	+33	0	2.82
39080		07 59 44.93	−46 54 10.6	9.17		H	119.937 204 16	−46.902 955 95		2.85	−2.01	−0.18	0.77	0.71	0.87	0.93	0.72	−4	+0	+16	−4	−8	−10	−6	−11	+1	−8	0	−1.05
39081		07 59 44.97	−12 52 01.6	7.66		H	119.937 361 32	−12.867 120 65		2.61	−1.90	−1.98	0.74	0.59	0.99	0.86	0.64	−22	+40	−34	+19	−3	−17	−11	+17	−11	+1	0	−1.67
39082		07 59 45.05	−35 25 29.5	9.42		H	119.937 728 16	−35.424 851 56		0.94	−3.26	−0.22	0.76	0.87	1.08	0.89	0.94	+9	+6	−5	+0	+3	+2	−1	−29	−6	−2	2	−0.07
39083		07 59 45.48	−47 17 44.3	9.17		H	119.939 514 03	−47.295 644 62		−3.08	−0.05	6.13	11.91	12.37	14.23	14.27	12.53	+2	+5	−4	+3	−3	+12	−3	−29	+13	−2	1	
39084	H	07 59 45.93	−47 18 12.8	6.71	1	G	119.941 380 74	−47.303 547 19	*	2.74	−5.74	9.65	0.85	0.81	0.80	0.82	0.65	−2	+11	+2	−6	−8	+3	−7	−9	+5	−10	4	0.93
39085		07 59 46.23	−09 06 29.5	8.23		H	119.942 619 66	−09.108 194 05		1.98	−0.98	−1.02	0.85	0.67	1.13	1.04	0.80	−17	+30	−38	−7	+13	−30	−9	+7	−26	+15	0	−1.21
39086	H	07 59 46.25	−28 44 03.1	10.93		G	119.942 694 35	−28.734 196 45	A	−1.71	−4.31	2.56	2.17	2.78	3.70	2.41	2.80	+10	−9	+1	−2	−3	+5	−9	−27	+4	−8	0	−0.16
39087		07 59 46.77	+23 05 13.1	8.18		H	119.944 882 49	+23.086 964 40		2.95	−1.05	−18.84	1.03	0.63	1.14	1.08	0.63	−45	+50	−25	−7	−5	−5	+0	−22	+7	−45	4	0.17
39088		07 59 47.64	−59 12 43.5	9.25		H	119.948 480 95	−59.212 096 83		19.52	−32.11	−41.86	0.75	0.89	0.83	0.82	0.90	−16	−3	+12	−12	+5	+4	+1	−42	+11	−26	0	0.43
39089	H	07 59 48.09	−13 51 00.1	8.10		H	119.950 387 41	−13.850 023 20	A	4.47	−4.72	−6.79	1.15	0.95	1.44	1.27	1.06	−19	+18	−19	−21	+11	−18	+9	−10	−7	−31	2	0.37
39090		07 59 48.87	−20 26 54.5	8.36	2	H	119.953 633 95	−20.448 471 67		1.44	−4.98	2.15	0.75	0.60	1.05	0.82	0.61	+22	−8	+1	−22	+2	−33	+4	−31	−22	+38	0	0.06
39091		07 59 49.09	−30 24 44.5	7.63		H	119.954 540 33	−30.412 373 63		3.35	−14.40	2.73	0.46	0.65	0.89	0.56	0.64	+2	+10	+18	+15	+10	+19	+4	−14	+0	−9	0	1.31
39092		07 59 50.39	+53 22 23.1	9.07		H	119.959 973 70	+53.373 072 04		6.35	−5.30	7.86	1.07	0.66	1.31	1.18	0.97	+16	+50	+1	−29	−18	−8	−21	−15	−10	+4	2	0.46
39093		07 59 50.72	+00 28 47.5	9.14		H	119.961 316 24	+00.479 864 45		2.88	−5.21	−3.96	1.19	0.89	1.52	1.70	1.26	+0	+19	−42	−10	+13	−28	−8	+23	−35	+31	0	1.81
39094		07 59 51.39	+36 04 55.5	6.50		H	119.964 136 74	+36.082 095 13		4.01	−26.72	−8.09	0.76	0.48	0.85	0.94	0.61	−14	+23	−8	+6	−5	−26	−8	−4	+4	−19	0	0.23
39095		07 59 52.06	−18 23 56.9	4.61		G	119.966 896 49	−18.399 142 42		13.69	−7.29	−35.07	0.59	0.56	0.81	0.85	0.93	−6	−2	−6	−9	+33	−7	+34	−15	−13	−24	6	0.03
39096		07 59 53.32	+09 53 56.6	7.98		H	119.972 155 75	+09.899 065 60		31.64	123.68	−151.36	1.08	0.78	1.36	1.19	0.90	−9	+29	−46	−27	+3	−44	−25	+25	−18	+2	0	1.13
39097	H	07 59 53.90	+49 30 36.1	10.58		H	119.974 566 63	+49.510 035 33	A	13.15	−6.79	−15.16	10.20	5.42	5.44	8.73	5.47	+41	+9	+2	+12	+5	−7	+6	+3	+0	+25	3	0.92
39098		07 59 54.29	−46 10 04.9	8.02		H	119.976 221 87	−46.168 014 44		6.54	25.14	−78.05	0.61	0.58	0.69	0.66	0.57	−4	+6	+15	−14	+2	−2	+2	−27	+2	−11	0	−0.16
39099	H	07 59 54.99	−31 59 07.2	8.45		G	119.979 135 12	−31.985 339 76	A	7.60	−12.45	6.22	1.28	1.59	1.91	1.32	1.42	+5	+3	+27	+18	−1	−1	−2	−5	+0	−3	2	0.30
39100		07 59 55.16	−22 17 06.9	8.02		H	119.979 839 38	−22.285 252 93		2.63	−3.93	2.27	0.61	0.54	0.87	0.74	0.57	+18	+6	−16	−2	+16	−4	+18	−24	+14	+45	0	0.68

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
39001	9.007	0.009	7.555	0.005		1.224	0.008	T	1.18	0.01	L	7.6075	0.0009	0.013	260		7.59	7.63					1							
39002	8.582	0.010	8.327	0.011		0.240	0.020	G	0.27	0.03	H	8.3547	0.0011	0.013	115		8.33	8.38		C			1							S
39003	9.735	0.024	7.842	0.010		1.572	0.021	T	1.59	0.02	L	7.7780	0.0019	0.015	88		7.76	7.80					1							
39004	9.599	0.017	9.541	0.023		0.110	0.020	G	0.12	0.02	H	9.5415	0.0033	0.038	157		9.48	9.60		U 2			1							G
39005	8.647	0.011	7.459	0.007		1.018	0.010	T	0.99	0.01	L	7.5185	0.0011	0.010	108		7.49	7.54		C			1							S
39006	9.929	0.036	8.796	0.023		0.999	0.015	G	0.98	0.01	H	8.8251	0.0029	0.018	54		8.80	8.85		C			1							
39007	9.313	0.018	8.551	0.015		0.679	0.018	T	0.74	0.01	L	8.6381	0.0017	0.015	118		8.62	8.67					1							
39008	8.770	0.015	8.759	0.019		0.015	0.022	T	0.03	0.02	L	8.7638	0.0021	0.017	65		8.74	8.79		C			1							
39009											T	11.6001	0.0202	0.171	158		11.38	11.84	0.27	P 1 A			1							G P
39010	12.048	0.134	10.782	0.072		1.079	0.119	T	1.04	0.10	L	10.7811	0.0348	0.289	167		10.19	11.14	14.15	P 1 A			1	S						G
39011	9.128	0.016	9.159	0.022		0.000	0.009	G	0.02	0.01	H	9.1407	0.0022	0.027	170		9.10	9.18					1							
39012	8.475	0.016	8.227	0.017	*	0.232	0.023	T	0.26	0.03	L	*	8.2812	0.0021	0.012	50	*	8.26	8.31		D	07590−0027	I 1	2 C	A	AB	287	0.645	0.014	2.31	0.04	S
39013	6.690	0.004	6.829	0.005		−0.125	0.002	G	−0.11	0.00	H	6.7987	0.0010	0.008	119		6.79	6.82		C	07590−4823	I 1	1	S							S
39014	5.793	0.003	5.948	0.003		−0.143	0.004	G	−0.14	0.01	H	5.9337	0.0009	0.007	138		5.92	5.95					1							S
39015	10.625	0.046	9.031	0.020		1.336	0.040	T	1.30	0.05	L	9.0398	0.0016	0.013	84		9.02	9.07		C			1							
39016	10.368	0.027	9.031	0.015		1.134	0.024	T	1.10	0.03	L	9.0629	0.0018	0.018	132		9.03	9.09		C			1							
39017	7.323	0.008	7.010	0.008		0.297	0.011	T	0.34	0.01	L	7.0578	0.0032	0.028	96		7.02	7.10	1.29	P 1 A			1							S P
39018	10.035	0.031	9.805	0.037		0.219	0.045	T	0.24	0.05	L	9.8861	0.0022	0.020	88		9.86	9.92		C			1							
39019	9.181	0.014	7.959	0.009		1.044	0.013	T	1.01	0.01	L	7.9906	0.0013	0.010	126		7.97	8.01		C			1							
39020	9.295	0.013	9.299	0.017		0.001	0.020	T	0.02	0.02	L	9.2987	0.0040	0.051	194		9.20	9.35		U 2 C			1							
39021	10.376	0.029	8.464	0.011		1.587	0.025	T	1.61	0.03	L	8.4100	0.0019	0.017	139		8.38	8.44					1							
39022	10.658	0.047	9.508	0.030		0.988	0.043	T	0.97	0.04	L	9.5622	0.0020	0.018	88		9.54	9.60					1							
39023	6.513	0.003	5.213	0.002		1.111	0.015	G	1.07	0.02	A	5.2613	0.0006	0.005	143		5.25	5.27		C			1							S
39024	9.831	0.029	8.225	0.014		1.345	0.025	T	1.31	0.03	L	8.2298	0.0015	0.014	98		8.21	8.25					1							
39025	8.595	0.015	8.240	0.016	A	−0.100	0.495	G	0.48	0.05	L	*	8.1869	0.0019	0.016	53	*	8.16	8.21		D	07591+0620	I 1	2 C	A	AB	310	2.252	0.008	1.84	0.03	
39026	9.193	0.013	8.558	0.012		0.560	0.015	G	0.63	0.01	H	8.6272	0.0014	0.017	139		8.60	8.67					1							
39027	10.465	0.043	8.565	0.017		1.578	0.037	T	1.60	0.04	L	8.4906	0.0020	0.014	62		8.46	8.52					1							
39028	7.124	0.005	7.220	0.006		−0.090	0.015	G	−0.07	0.02	H	7.2250	0.0009	0.009	120		7.21	7.24		C			1							S
39029	9.482	0.020	8.812	0.017		0.620	0.022	T	0.69	0.02	L	8.8807	0.0019	0.014	91		8.85	8.91		C			1							
39030	7.558	0.005	7.302	0.006		0.240	0.008	T	0.27	0.01	L	7.3376	0.0010	0.011	134		7.32	7.36		C			1							S
39031	9.268	0.023	8.699	0.021		0.532	0.028	T	0.60	0.03	L	8.7770	0.0024	0.015	73		8.75	8.80		C			1							S
39032	9.868	0.033	8.598	0.020		1.082	0.030	T	1.04	0.03	L	8.6212	0.0018	0.013	47		8.60	8.64		C			1							
39033	7.247	0.006	7.329	0.007		−0.070	0.008	T	−0.05	0.01	L	7.3241	0.0007	0.009	128		7.31	7.34		C			1							S
39034	8.192	0.007	8.193	0.009		0.004	0.010	T	0.02	0.01	L	8.2030	0.0014	0.013	166		8.18	8.23					1							
39035	6.112	0.004	6.285	0.005	A	−0.151	0.005	T	−0.15	0.01	L	6.2992	0.0423	0.194	96	A	6.04	6.60		D	07592−4959	I 2	1 C P B							S
39036	8.006	0.012	7.911	0.012		0.093	0.016	T	0.11	0.02	L	7.9518	0.0016	0.013	72		7.93	7.98					1							S
39037	8.436	0.017	7.342	0.013		0.945	0.016	T	0.94	0.01	L	7.3954	0.0015	0.009	44		7.38	7.41					1							S
39038	6.141	0.004	6.304	0.005	B	−0.089	0.007	G	−0.07	0.01	H	6.4313	0.0445			B				D	07592−4959	I 2	1 C I B							S
39039	10.297	0.034	9.292	0.023		0.866	0.032	T	0.88	0.02	L	9.3705	0.0023	0.021	116		9.34	9.40					1							
39040	10.273	0.055	9.438	0.042		0.751	0.052	T	0.79	0.04	L	9.5742	0.0030	0.016	48		9.55	9.61		C			1							
39041	6.510	0.004	6.342	0.005		0.128	0.005	G	0.14	0.01	H	6.3766	0.0009	0.007	108		6.37	6.39					1							S
39042	8.824	0.014	8.456	0.015		0.349	0.019	T	0.41	0.03	L	8.5005	0.0116	0.090	80		8.28	8.74	5.90	P 1 A			1							P
39043	8.627	0.014	8.541	0.016		0.078	0.019	T	0.09	0.02	L	8.5769	0.0019	0.016	87		8.55	8.61		C			1							S
39044	9.061	0.014	8.499	0.013		0.515	0.002	G	0.59	0.00	H	8.5379	0.0009	0.010	94		8.52	8.56		D			1							S
39045	9.175	0.014	8.658	0.013		0.508	0.015	G	0.58	0.02	H	8.7041	0.0012	0.012	110		8.67	8.73		C			1							
39046	8.146	0.012	7.565	0.012		0.541	0.015	G	0.61	0.02	H	7.6217	0.0017	0.009	41		7.61	7.64		C	07593+1649	I 1	1							S
39047	9.912	0.032	8.727	0.021		1.015	0.030	T	0.99	0.02	L	8.7737	0.0018	0.015	74		8.75	8.82		C			1							S
39048	11.264	0.082	10.086	0.042		1.003	0.073	T	1.05	0.09	L	10.2157	0.0022	0.020	87		10.17	10.26		C			1							G
39049	9.169	0.016	7.668	0.009		1.263	0.014	T	1.22	0.01	L	7.6867	0.0011	0.011	98		7.67	7.71					1							S
39050	7.497	0.008	7.489	0.009		0.008	0.011	T	0.03	0.01	L	7.5048	0.0017	0.012	97		7.49	7.53					1							S
39051	8.576	0.011	7.549	0.008		0.894	0.010	T	0.90	0.01	L	7.6103	0.0008	0.009	114		7.59	7.63					1							
39052	9.428	0.027	8.092	0.016		1.133	0.025	T	1.10	0.03	L	8.1503	0.0011	0.012	47		8.14	8.17		C			1							
39053	11.102	0.063	9.101	0.020		1.658	0.053	T	1.68	0.05	L	9.0538	0.0017	0.018	77		9.02	9.09		C			1							
39054	8.644	0.019	8.689	0.024		−0.016	0.015	G	0.01	0.01	H	8.6679	0.0017	0.016	115		8.64	8.70					1							
39055	9.475	0.017	8.876	0.016		0.559	0.021	T	0.63	0.02	L	8.9417	0.0024	0.019	104		8.90	8.99		C			1							
39056	9.010	0.016	8.904	0.021	*	0.103	0.024	T	0.12	0.03	L	*	8.7834	0.0020	0.014	88	*	8.76	8.81		D	07594−1029	I 1	2 C	A	AC	180	0.892	0.004	0.80	0.02	
39057	9.463	0.019	7.512	0.008		1.654	0.017	T	2.17	0.05	O	7.3670	0.0028	0.022	71		7.34	7.40		U 2			1							S
39058	8.418	0.019	7.934	0.019		0.486	0.015	G	0.56	0.02	H	7.9670	0.0014	0.010	52		7.95	7.99		C			1							S
39059	11.086	0.076	9.213	0.025		1.500	0.040	G	1.50	0.10	R	9.1601	0.0021	0.020	66		9.13	9.19		C			1	S						
39060	11.119	0.060	9.377	0.023	A						T	*	9.2496	0.0020	0.023	116	*	9.21	9.28		D	07595−6909	I 1	2 C	A	AB	172	4.182	0.014	2.27	0.07	
39061	5.683	0.004	5.274	0.003	*	0.400	0.004	T	0.47	0.00	L	*	5.3147	0.0005	0.004	119	*	5.31	5.32		D	07595−3918	H 1	2 C	A	AB	23	0.233	0.011	2.34	0.13	S
39062	8.058	0.006	7.709	0.006		0.331	0.008	T	0.39	0.01	L	7.7529	0.0012	0.014	207		7.73	7.78					1 G							S
39063	7.261	0.005	7.400	0.007		−0.126	0.006	G	−0.12	0.01	H	7.3910	0.0012	0.012	131		7.37	7.41					1							S
39064	8.742	0.010	7.761	0.007		0.833	0.008	G	0.88	0.01	H	7.8204	0.0013	0.011	142		7.80	7.84		C			1							S
39065	9.582	0.019	9.042	0.018		0.513	0.020	T	0.59	0.02	L	9.0765	0.0018	0.018	102		9.04	9.10					1							
39066	7.886	0.009	7.724	0.010		0.156	0.013	T	0.17	0.01	L	7.7541	0.0012	0.012	114		7.74	7.77		C			1							S
39067	7.804	0.011	6.210	0.007		1.325	0.001	G	1.19	0.04	E	6.2121	0.0010	0.007	48		6.20	6.22		C			1							S
39068	9.343	0.024	8.432	0.018		0.770	0.015	G	0.81	0.01	H	8.4787	0.0022	0.014	50		8.45	8.51		C			1							
39069	8.607	0.009	6.989	0.005		1.355	0.008	T	1.32	0.01	L	6.9890	0.0011	0.011	165		6.97	7.00					1							S
39070	7.490	0.010	5.412	0.005		1.758	0.055	G	2.12	0.07	G	5.2633	0.0036	0.023	72		5.21	5.31		U 2 C			1	S						S
39071	8.997	0.013	8.333	0.012		0.600	0.015	G	0.67	0.01	H	8.4285	0.0015	0.013	138		8.40	8.45		C			1							
39072	9.375	0.016	8.718	0.014		0.626	0.015	G	0.69	0.01	H	8.7749	0.0017	0.016	104		8.75	8.81					1							
39073	6.233	0.004	6.293	0.004		−0.050	0.005	T	−0.03	0.01	L	6.2934	0.0007	0.006	103		6.28	6.30					1							S
39074	8.433	0.012	7.871	0.012	*	0.553	0.015	G	0.63	0.01	H	*	8.0163	0.0014	0.014	105	*	8.00	8.05		D	07597+4637	I 1	2 C	A	AB	197	2.881	0.005	1.54	0.03	S
39075	9.859	0.037	7.959	0.016		1.578	0.032	T	1.60	0.03	L		7.8743	0.0027	0.014	40		7.84	7.90					1							
39076	8.766	0.011	7.793	0.008		0.854	0.010	T	0.87	0.01	L		7.8072	0.0011	0.011	125		7.79	7.83		C			1							
39077	8.231	0.010	7.032	0.007		1.026	0.010	T	1.00	0.01	L		7.0858	0.0009	0.007	88		7.07	7.10		C			1							S
39078	10.429	0.032	9.172	0.019		1.071	0.029	T	1.04	0.02	L		9.1669	0.0015	0.020	124		9.13	9.20					1							
39079	6.490	0.005	5.070	0.003		1.205	0.003	G	1.22	0.04	E		5.0967	0.0006	0.005	80		5.09	5.11		C			1							S
39080	10.679	0.036	9.293	0.018		1.172	0.032	T	1.13	0.03	L		9.3376	0.0015	0.016	125		9.31	9.37					1							
39081	7.576	0.009	7.641	0.010		−0.055	0.012	T	−0.03	0.01	L		7.6477	0.0013	0.012	83		7.63	7.67		C			1							S
39082	11.677	0.093	9.686	0.026		1.650	0.077	T	1.67	0.08	L		9.5288	0.0020	0.021	139		9.50	9.57		C			1							G
39083	9.404	0.019	9.382	0.025							T		9.3028	0.0158	0.152	123		8.65	9.39		D	07598−4718	I 2	1 X	S						
39084	6.614	0.005	6.701	0.005	*	−0.085	0.004	G	−0.07	0.01	H	*	6.6922	0.0019	0.023	127	*	6.68	6.74	0.88	P 1 A	07598−4718	I 2	2 C	B	AB	4	0.258	0.003	0.43	0.03	S
39085	8.527	0.012	8.261	0.013		0.253	0.017	T	0.28	0.02	L		8.3060	0.0014	0.014	72		8.29	8.33		C			1 G							S
39086	11.399	0.076	10.924	0.077	A	0.290	0.015	G	0.33	0.02	H	*	10.9969	0.0034	0.042	185	*	10.94	11.07		D	07598−2844	M 1	2 C	A	AB	201	3.672	0.024	1.73	0.08	G
39087	9.731	0.021	8.311	0.012		1.199	0.019	T	1.16	0.02	L		8.3472	0.0013	0.010	93		8.33	8.36		C			1							
39088	10.300	0.029	9.336	0.021		0.831	0.002	G	0.87	0.00	H		9.3894	0.0018	0.016	101		9.37	9.42					1							
39089	8.274	0.016	8.074	0.020	*	0.191	0.024	T	0.21	0.03	L	*	8.1657	0.0014	0.016	112	*	8.14	8.20		D	07598−1351	I 1	2 C	A	AB	281	3.325	0.011	2.19	0.04	
39090	10.584	0.032	8.564	0.011		1.710	0.028	T	2.12	0.07	O		8.4325	0.0024	0.027	161		8.38	8.47		U 2			1							P
39091	9.257	0.013	7.753	0.007		1.260	0.015	G	1.22	0.02	H		7.7896	0.0014	0.013	168		7.77	7.81		C			1							
39092	9.493	0.017	9.096	0.017		0.376	0.022	T	0.44	0.02	L		9.1567	0.0017	0.015	115		9.12	9.19		C			1							
39093	9.221	0.024	9.149	0.030		0.071	0.036	T	0.08	0.04	L		9.1728	0.0036	0.020	47		9.14	9.21		C	07598+0029	I 1	1	S						
39094	8.556	0.010	6.677	0.005		1.561	0.009	T	1.58	0.01	L		6.6144	0.0011	0.010	90		6.60	6.63					1							S
39095	4.722	0.003	4.622	0.004		0.087	0.010	G	0.11	0.02	A		4.6427	0.0006	0.005	77		4.64	4.66		C			1							S
39096	8.787	0.018	8.072	0.015		0.657	0.019	T	0.72	0.02	L		8.1198	0.0012	0.007	50		8.11	8.14		D			1							S
39097						0.564	0.072	G	0.64	0.07	R	*	10.6989	0.0036	0.025	94	*	10.65	10.74		D	07599+4931	H 1	2 C	A	AB	302	2.978	0.014	0.04	0.04	G
39098	8.972	0.014	8.104	0.011		0.778	0.002	G	0.81	0.00	H		8.1634	0.0014	0.014	113		8.14	8.19					1							S
39099	8.978	0.011	8.491	0.010	A	0.465	0.015	G	0.54	0.02	H	*	8.5499	0.0013	0.016	164	*	8.52	8.58		D	07599−3159	I 1	2 C	B	AB	209	1.488	0.045	3.26	0.22	
39100	7.998	0.006	7.997	0.007		0.006	0.008	T	0.03	0.01	L		8.0281	0.0013	0.016	176		8.00	8.05					1							

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
39101		07 59 57.11	−30 22 32.3	7.53		H	119.987 974 04	−30.375 639 61		16.68	19.37	4.49	0.46	0.59	0.83	0.56	0.61	+3	+6	+19	+21	+8	+10	+3	−10	+0	−8	0	1.69
39102		07 59 58.78	−41 42 14.1	7.72		H	119.994 904 84	−41.703 928 74		19.48	−3.84	−68.43	0.50	0.53	0.64	0.55	0.53	+8	+2	+14	−7	−6	+0	−6	−21	+13	−1	0	0.08
39103		07 59 58.89	+47 47 07.2	8.66		H	119.995 385 08	+47.785 341 98		13.42	31.14	−41.72	1.17	0.62	1.25	2.04	1.33	+33	+9	+1	+15	+7	+16	+11	+6	+22	+56	0	1.61
39104		07 59 59.03	−01 47 51.5	7.70		H	119.995 953 25	−01.797 649 68		−0.64	−2.36	−3.05	1.03	0.72	1.22	1.39	0.96	−40	+45	−42	−27	+21	−51	+0	+16	+2	−21	3	−0.86
39105		07 59 59.85	−35 29 57.9	8.25		H	119.999 380 44	−35.499 409 78		1.78	−7.34	5.89	0.55	0.64	0.79	0.63	0.64	+8	+10	+2	+21	+10	+10	+5	−21	+1	−2	1	1.45
39106		08 00 00.59	−88 36 21.7	9.14		H	120.002 445 73	−88.606 016 43		4.26	−15.64	22.14	0.85	0.83	0.96	1.11	1.03	−4	+12	+5	−13	−3	−4	−1	−5	+11	−14	0	0.67
39107		08 00 02.98	−45 01 32.7	7.22		H	120.012 397 65	−45.025 746 26		2.19	−7.49	9.76	0.48	0.43	0.53	0.54	0.43	+2	+1	+9	+8	+0	+2	−2	−20	+11	−5	0	1.06
39108		08 00 03.06	−23 21 03.5	7.54		H	120.012 752 38	−23.350 959 16		8.01	−31.86	18.90	0.57	0.50	0.86	0.65	0.54	+13	+19	−19	−12	+3	−6	+6	−22	+17	+33	0	−0.13
39109		08 00 04.50	+31 35 30.4	8.22		H	120.018 754 29	+31.591 783 02		1.79	2.88	−3.88	1.06	0.70	1.15	1.34	1.22	−29	+8	−1	−31	+6	+25	+1	−21	−31	−52	0	−0.71
39110		08 00 05.13	+77 38 45.5	7.72		H	120.021 381 67	+77.645 979 55		7.76	14.65	−53.71	0.49	0.52	0.73	0.61	0.67	+2	+8	+0	+18	−2	+3	−1	−21	−13	+7	0	0.91
39111		08 00 05.58	−48 54 19.6	7.36		H	120.023 245 15	−48.905 446 65		4.79	−10.10	11.68	0.54	0.49	0.59	0.64	0.48	+18	+21	+15	+1	−11	+7	−9	−10	+6	+9	1	−0.51
39112		08 00 07.36	+37 42 45.1	9.33		H	120.030 665 34	+37.712 534 43		6.70	−54.35	−17.84	1.36	0.67	1.40	1.49	0.91	−5	+46	−14	−14	−5	+0	−6	−23	−2	+2	2	−1.63
39113		08 00 08.21	+41 25 22.9	7.50		H	120.034 226 01	+41.423 023 99		2.82	6.03	−21.96	0.94	0.59	1.01	1.31	1.01	−14	+22	−17	+3	+3	+4	+10	−18	+17	+0	0	0.47
39114		08 00 09.97	−56 55 51.0	8.95		H	120.041 560 72	−56.930 833 06		2.61	−29.40	59.64	0.68	0.77	0.78	0.74	0.79	+0	+1	+11	+12	+3	+7	+3	−20	−1	+2	0	0.26
39115		08 00 10.28	−16 57 12.3	7.02		H	120.042 824 84	−16.953 412 83		6.77	−28.80	−13.44	0.58	0.59	0.88	0.73	0.84	−9	+8	−9	+1	−22	−26	−25	+16	+20	−22	2	−0.30
39116		08 00 11.71	+04 12 01.5	10.07		H	120.048 779 51	+04.200 403 97		3.28	−9.50	−2.02	1.91	1.25	1.99	1.89	1.30	−4	+29	−47	−54	−6	−22	−21	−14	−3	+14	0	0.26
39117		08 00 11.76	+73 55 04.8	5.37		H	120.048 983 99	+73.918 010 10		4.66	−8.43	−37.40	0.38	0.40	0.58	0.42	0.48	+12	+18	−4	+4	−3	+21	−1	−5	+3	+20	1	−1.36
39118		08 00 12.22	−04 45 28.5	10.41		G	120.050 910 99	−04.757 908 56		−2.33	4.53	−2.59	2.71	2.23	3.59	3.93	3.53	−43	+13	−15	+40	−7	−22	−6	+48	+0	−38	3	0.30
39119		08 00 12.54	−55 12 57.2	7.11		H	120.052 257 01	−55.215 894 23		5.24	−18.80	24.90	0.53	0.49	0.58	0.66	0.47	+0	+7	+11	+23	−2	+25	−2	−14	+18	+5	0	−0.46
39120		08 00 12.84	+15 58 21.9	9.05		H	120.053 505 99	+15.972 748 55		0.48	−3.21	−0.32	1.36	0.98	1.49	1.78	1.30	−13	+34	−32	−8	−13	−12	−19	+20	+2	+8	0	−2.87
39121		08 00 13.87	−31 11 47.5	7.88		H	120.057 789 57	−31.196 539 77		8.98	−57.22	36.05	0.51	0.75	0.79	0.67	0.87	−20	−9	+13	−4	+27	+17	+27	−34	−6	−25	1	0.27
39122		08 00 14.72	−48 58 53.8	6.01		H	120.061 327 36	−48.981 615 94		8.65	−34.18	43.93	0.45	0.40	0.48	0.53	0.38	+14	+14	+8	+2	−4	+12	−4	−17	+5	+10	0	−0.45
39123		08 00 14.83	−35 59 29.5	7.18		H	120.061 781 23	−35.991 522 03		6.78	−30.31	14.22	0.43	0.50	0.61	0.48	0.53	+9	+8	+10	+16	+2	+4	−2	−18	−3	+0	0	1.50
39124		08 00 15.05	−45 47 36.6	7.06		H	120.062 692 90	−45.793 507 78		4.29	−64.44	76.05	0.52	0.47	0.58	0.60	0.46	+4	+15	+9	−6	+5	−9	+6	−20	+11	−6	0	0.30
39125		08 00 15.23	+15 41 02.2	8.73		H	120.063 471 85	+15.683 937 12		5.24	−22.79	−6.87	1.26	0.83	1.33	1.47	1.13	−11	+43	−23	−19	−15	−22	−22	+19	−4	+1	0	0.09
39126		08 00 15.56	−40 36 18.6	7.71	1	H	120.064 833 72	−40.605 175 87		0.52	−13.82	9.21	0.55	0.55	0.71	0.57	0.56	−7	+14	+5	−7	+2	−16	+5	−13	+24	−20	0	0.09
39127		08 00 15.61	+13 47 48.8	10.34		G	120.065 033 31	+13.796 883 92		28.77	−54.96	−108.52	1.77	1.37	1.98	2.32	1.81	−17	+29	−35	−14	+8	−17	+1	−5	−3	−2	0	1.11
39128		08 00 15.91	−32 42 42.2	8.74	2	H	120.066 272 57	−32.711 726 97		2.69	−0.46	−15.12	0.61	0.67	0.90	0.61	0.66	+7	−4	+1	+7	+3	+4	+2	−1	+6	+1	2	1.42
39129		08 00 16.57	+40 47 35.3	7.89		H	120.069 055 10	+40.793 148 04		5.47	−1.37	−24.10	1.17	0.67	1.35	1.66	1.04	−14	+22	−18	−4	−6	+26	+2	−28	+6	+7	0	2.05
39130	H	08 00 16.72	−13 50 21.3	8.88		G	120.069 671 43	−13.839 238 86	*	−0.57	3.26	4.43	0.77	0.64	1.16	0.95	0.90	−7	+12	−18	−26	+15	−29	+14	−11	−2	−26	0	0.06
39131		08 00 17.43	−37 50 45.5	8.68	2	H	120.072 614 00	−37.845 960 31		0.98	10.11	−24.03	0.64	0.80	0.89	0.75	0.77	+15	+17	+22	+3	+2	+3	−4	−33	−2	−2	0	0.02
39132		08 00 18.40	−26 35 30.0	7.97		H	120.076 653 30	−26.591 661 07		2.78	−19.84	0.90	0.55	0.64	0.99	0.65	0.72	+2	+2	−6	+20	+6	+3	+2	−22	+10	−8	0	1.06
39133		08 00 18.64	−64 38 52.5	9.34		H	120.077 670 63	−64.647 912 19		4.86	−16.49	24.43	0.83	0.82	0.92	0.77	1.02	−9	+13	−9	−29	−22	−19	−15	+9	+18	−47	0	1.85
39134		08 00 18.87	+08 58 27.2	7.21		H	120.078 612 30	+08.974 235 31		9.17	−16.46	17.94	0.95	0.75	1.25	1.10	0.89	−8	+17	−44	−15	−1	−40	−27	+34	−28	+4	0	0.85
39135		08 00 18.87	+42 58 27.1	9.19		H	120.078 639 15	+42.974 195 23		9.40	3.58	−4.11	1.29	0.79	1.47	1.88	1.34	+5	+32	−15	+19	+11	+6	+20	+3	+22	+23	0	0.10
39136		08 00 19.35	−18 00 15.9	7.70		H	120.080 633 88	−18.004 419 13		1.56	−2.73	−2.77	0.74	0.78	1.08	0.98	1.14	−30	+23	−26	−11	+21	−11	+18	−12	−6	−37	0	−0.31
39137		08 00 19.53	−45 27 25.1	6.62		G	120.081 395 00	−45.456 968 14		0.60	−3.52	7.00	0.49	0.44	0.54	0.61	0.43	+10	+4	+13	+4	+1	−9	+0	−24	+6	+4	0	0.21
39138		08 00 19.97	−63 34 03.0	4.81		G	120.083 205 13	−63.567 502 71		6.02	−1.88	19.31	0.48	0.41	0.49	0.61	0.43	+0	+19	+1	+5	+2	−20	+3	+1	+14	−19	0	−0.33
39139		08 00 21.24	−03 28 00.9	9.09		H	120.088 490 13	−03.466 904 04		1.05	−4.50	5.62	1.26	0.87	1.50	1.64	1.38	−44	+28	−24	+5	−4	−27	−26	+52	+0	−3	4	0.44
39140		08 00 21.54	+12 12 49.3	7.90		H	120.089 761 72	+12.213 702 66		2.46	−8.20	2.48	0.98	0.70	1.16	1.12	0.90	−19	+37	−33	−25	+11	−27	−6	−3	−25	−4	0	1.23
39141		08 00 22.54	+03 14 56.3	7.94		H	120.093 936 02	+03.248 962 07		4.13	−25.00	−7.44	0.91	0.67	1.01	1.04	0.83	−5	+19	−19	−13	−4	−14	−11	+11	−19	+1	0	1.07
39142		08 00 22.55	−50 41 27.9	8.38		G	120.093 959 84	−50.691 087 28		1.81	−5.06	6.35	0.62	0.64	0.69	0.64	0.66	+16	+14	+10	−14	−17	−3	−18	−21	+0	+8	1	1.54
39143		08 00 22.69	+32 07 23.7	10.26		H	120.094 554 30	+32.123 262 64		16.97	−24.83	−203.28	1.67	1.06	1.73	2.15	1.72	−24	−7	−4	−42	+1	+29	+0	−21	−22	−37	0	−1.57
39144		08 00 22.91	−23 42 11.5	10.24	3	H	120.095 470 38	−23.703 183 74		−0.55	−2.06	3.77	1.13	1.04	1.77	1.33	1.12	+6	−1	−32	−8	+15	−1	+12	−4	+20	+25	0	−0.06
39145		08 00 23.15	−42 16 29.9	7.98		H	120.096 474 43	−42.274 964 61		1.47	−8.59	3.10	0.52	0.52	0.64	0.55	0.53	+2	−5	+7	−20	−3	+13	−5	−24	+23	−4	0	−0.35
39146		08 00 23.76	−64 50 35.5	8.36		H	120.099 016 65	−64.843 189 85		5.71	−28.62	7.84	0.72	0.67	0.77	0.62	0.85	−7	+0	−7	−34	−24	−12	−21	+5	+26	−42	2	0.53
39147		08 00 23.96	+64 44 50.1	7.24		H	120.099 824 16	+64.747 236 74		6.24	−9.12	−25.25	0.57	0.52	0.78	0.65	0.56	−5	+8	−12	−10	+13	+5	+16	−26	+10	+19	0	1.03
39148		08 00 26.16	+25 02 02.6	7.96		H	120.109 003 22	+25.034 061 54		6.17	−14.06	−32.21	0.96	0.57	1.07	0.92	0.58	−29	+42	−29	−21	−12	−11	−8	−15	+12	−43	0	0.68
39149		08 00 28.10	−34 07 26.1	7.49		H	120.117 080 35	−34.123 912 02		2.81	−10.48	13.96	0.47	0.53	0.67	0.55	0.54	+16	+6	−3	+1	−11	+8	−10	−36	+9	+16	0	−1.77
39150		08 00 28.37	−08 02 16.5	8.82		H	120.118 212 13	−08.037 903 95		−2.05	−4.64	6.19	0.83	0.74	1.23	1.00	0.79	−26	+16	−36	+8	+14	−31	+1	+15	−14	−17	0	0.08
*39152		08 00 28.97	−04 52 47.6	7.27		H	120.120 726 33	−04.879 875 81		7.55	−9.97	11.24	0.78	0.58	1.07	0.97	0.78	−18	+24	−29	+43	+21	−10	+20	+36	−13	+5	2	1.67
*39153		08 00 28.97	−48 52 18.4	6.13	1	H	120.120 688 83	−48.871 774 02		2.16	−5.97	2.57	0.47	0.40	0.50	0.56	0.39	+19	+23	+7	+1	−5	+9	−5	−15	+2	+11	1	0.07
39154		08 00 29.11	+50 39 57.5	9.02		H	120.121 294 70	+50.665 964 08		4.95	−5.45	−3.96	1.24	0.70	1.31	1.97	1.26	+11	+29	−2	+22	−10	+13	−11	+19	−2	+16	0	0.92
39155		08 00 29.33	−17 55 48.4	7.46		H	120.122 211 58	−17.930 105 04		4.14	−5.47	6.80	0.64	0.61	0.92	0.85	0.96	−3	+12	−7	−6	+18	−12	+19	−10	+0	−20	0	−1.15
39156		08 00 30.25	−17 02 01.8	7.65		H	120.126 032 54	−17.033 829 14		2.78	6.34	−39.75	0.68	0.65	1.01	0.80	0.86	−7	+18	−18	−2	−14	−25	−19	+5	+11	−16	0	0.07
39157		08 00 32.24	+29 12 54.7	6.97		H	120.134 347 42	+29.215 185 54		59.52	−171.15	−1164.24	0.68	0.47	0.77	0.80	0.68	−19	+20	−12	+2	−2	−19	−9	+0	−10	−31	0	2.83
39158		08 00 32.42	+18 50 35.4	7.10		H	120.135 093 64	+18.843 153 46		5.47	−10.81	−7.43	0.77	0.53	0.97	1.09	0.73	−28	+22	−33	+6	+12	−47	−6	+21	−8	+3	0	2.41
39159		08 00 32.63	+35 36 49.5	9.38		H	120.135 971 17	+35.613 746 79		6.32	−14.20	−1.95	1.22	0.70	1.33	1.59	0.96	−13	+34	+9	+6	−10	−12	−5	−2	+9	−14	0	−0.34
39160		08 00 32.74	+55 28 37.6	8.95		H	120.136 400 94	+55.477 111 81		3.03	0.95	−20.83	0.78	0.63	1.19	1.17	1.13	−10	+5	+3	−1	−22	−3	−23	+0	+25	−3	0	1.04
39161		08 00 33.78	−38 52 23.1	9.02	2	H	120.140 758 77	−38.873 082 88		5.40	−13.27	10.59	0.65	0.76	0.89	0.70	0.82	+2	−5	+14	+17	−3	−1	−6	−6	+5	−10	1	1.86
*39162		08 00 35.42	−45 20 12.9	7.70	2	H	120.147 583 64	−45.336 928 13		1.96	−9.37	9.38	0.54	0.49	0.60	0.67	0.52	+8	+4	+10	+12	+2	−6	+1	−14	+0	+2	0	0.21
*39163		08 00 35.39	−76 12 49.2	9.13		H	120.147 458 00	−76.213 671 76		2.12	−21.17	28.86	0.75	0.75	0.80	0.87	0.87	+8	+12	+10	+11	−12	+9	−12	+9	+2	−8	0	1.03
39164		08 00 36.43	+12 38 30.5	6.59		H	120.151 775 61	+12.641 809 33		7.54	7.55	−5.97	1.01	0.69	1.22	0.96	0.83	−35	+57	−49	−40	+13	−34	−23	+8	−34	−7	0	0.15
39165		08 00 39.03	−42 24 53.3	8.76		H	120.162 607 70	−42.414 808 22		2.48	−14.18	13.07	0.67	0.65	0.83	0.80	0.83	−4	−1	+14	−15	+7	+13	+6	−18	+9	−10	1	−1.23
39166		08 00 39.24	+01 58 26.3	9.31		H	120.163 496 21	+01.973 969 83		2.58	5.33	−12.49	1.44	0.93	1.46	1.79	1.20	+12	+33	−29	−33	−27	−1	−27	−9	+5	+32	0	−0.36
39167		08 00 40.55	+49 23 42.2	9.17		H	120.168 968 93	+49.395 060 49		6.81	4.14	0.22	1.23	0.65	1.27	1.64	1.16	+25	+34	+2	+18	+7	−3	+7	+18	+5	+29	0	0.31
39168		08 00 41.00	−07 05 26.4	8.48		H	120.170 821 53	−07.090 656 37		0.43	−1.22	−9.96	0.91	0.72	1.27	1.23	0.86	−21	+13	−45	+11	+23	−33	+10	+12	−12	+5	0	0.73
39169		08 00 41.25	+18 14 44.1	7.09		H	120.171 860 33	+18.245 586 02		4.72	−7.50	−9.27	0.82	0.59	0.95	1.03	0.76	−10	+14	−16	−1	−9	−41	−19	+25	−2	−9	3	−0.34
39170		08 00 41.81	−40 11 48.8	7.34		H	120.174 216 75	−40.196 878 63		2.15	−5.34	−0.41	0.48	0.53	0.64	0.51	0.51	−11	+8	+16	−9	+4	−6	+6	−9	+18	−25	1	−0.08
39171		08 00 43.84	+16 35 17.2	8.01		H	120.182 660 03	+16.588 118 88		1.72	−10.67	−15.04	1.08	0.81	1.22	1.27	0.98	−8	+21	−36	−9	−11	−21	−23	+25	−13	−1	0	−0.57
*39172		08 00 44.14	−02 52 54.9	6.41	2	H	120.183 907 45	−02.881 924 76		1.05	−5.69	2.99	0.79	0.55	0.95	1.05	0.81	−33	+32	−20	+12	−1	−36	−14	+48	+0	−5	0	2.62
*39173		08 00 44.05	−79 09 27.5	7.55		H	120.183 524 59	−79.157 630 25		3.63	2.32	19.14	0.51	0.49	0.55	0.57	0.59	+6	+10	+14	+0	−6	+9	−5	+9	+10	−12	1	1.08
39174		08 00 44.75	−33 51 57.7	8.36		H	120.186 459 56	−33.866 033 45		1.75	−7.47	15.99	0.63	0.68	0.87	0.78	0.69	+12	+4	+5	+28	−7	+0	−6	−26	+5	+11	0	−0.25
39175		08 00 45.61	−00 42 29.0	9.52		H	120.190 045 85	−00.708 051 54		9.84	−11.78	−20.28	1.58	1.07	1.63	2.24	1.53	+10	+27	−16	−7	+0	−4	−2	+2	+0	+32	0	0.13
39176		08 00 47.01	−04 45 31.4	8.06		G	120.195 881 28	−04.758 727 81		1.99	−6.46	2.85	0.86	0.66	1.16	1.08	0.82	−26	+30	−35	+35	+23	−16	+19	+29	−5	−7	0	2.44
39177		08 00 47.31	+17 18 31.4	5.60		H	120.197 140 45	+17.308 709 68		4.52	−10.34	−2.73	1.05	0.68	1.01	1.10	0.77	+32	−19	−46	−42	−34	−9	−44	−3	+9	+15	0	1.28
39178		08 00 47.41	+14 38 48.8	8.82		H	120.197 542 01	+14.646 895 79		3.39	−23.88	19.85	1.21	0.86	1.37	1.38	1.16	−11	+11	−21	−18	−12	−37	−21	+17	+2	−26	0	0.49
39179		08 00 47.99	+51 43 32.9	9.13		H	120.199 977 43	+51.725 803 96		7.39	4.74	−30.92	0.94	0.68	1.26	1.19	1.09	−6	+18	−12	−15	−14	+4	−13	−7	+19	−6	0	2.55
39180		08 00 48.10	+19 48 58.4	6.30		H	120.200 404 76	+19.816 235 42		9.45	8.78	−8.03	0.75	0.43	0.82	0.81	0.46	−46	+45	−19	+11	−17	−20	−16	−5	+13	−59	0	0.86
39181		08 00 48.14	+07 55 02.1	8.20		H	120.200 588 30	+07.917 246 89		3.13	0.00	−6.16	1.07	0.80	1.27	1.23	0.96	−5	+20	−39	−26	−15	−39	−40	+29	−13	+1	0	1.29
39182		08 00 48.82	−43 49 00.8	8.31		G	120.203 403 10	−43.816 889 58		2.49	−5.93	8.54	0.50	0.51	0.62	0.57	0.55	−1	+5	+9	−6	+10	+6	+8	−24	+19	−8	0	−0.48
39183		08 00 49.12	+12 40 42.4	6.79		H	120.204 674 41	+12.678 449 14		2.90	−7.25	−3.33	1.00	0.68	1.19	0.95	0.78	−35	+58	−51	−40	+13	−38	−23	+10	−29	−5	0	0.87
39184		08 00 49.96	−54 09 04.7	5.87		G	120.208 182 54	−54.151 295 99		4.66	−26.20	8.56	0.45	0.40	0.48	0.55	0.38	+8	+22	+18	+11	+4	+2	+6	−8	+17	+0	0	−0.43
39185		08 00 53.81	−43 03 36.5	7.35		H	120.224 218 57	−43.060 152 12		3.48	−5.12	9.31	0.46	0.47	0.58	0.51	0.46	−3	+6	+11	−4	+8	+8	+5	−20	+23	−13	0	−1.42
*39186		08 00 54.29	−27 13 35.6	8.50		H	120.226 194 12	−27.226 559 51		15.57	38.87	7.28	0.50	0.69	1.06	0.54	0.71	+1	−3	+9	+9	+8	+17	+6	−15	+15	+2	0	−0.51
*39187		08 00 54.27	−15 44 19.6	7.42		H	120.226 125 55	−15.738 786 04		12.90	20.86	−42.38	0.57	0.50	0.86	0.74	0.75	+0	+12	−13	−13	+7	−16	+7	−12	+16	−21	0	1.56
39188		08 00 54.61	−19 28 56.4	8.40		G	120.227 530 35	−19.482 346 64		7.73	−12.09	−49.05	0.71	0.73	1.01	0.93	1.05	−12	+7	−13	−10	−3	+2	−2	−2	−3	−23	0	1.49
*39189		08 00 55.55	+39 54 36.8	7.60		H	120.231 468 49	+39.910 235 30		3.68	7.85	6.00	1.04	0.65	1.14	1.41	0.85	−16	+23	−6	+5	+6	+3	+7	−32	−4	−8	0	−1.56
*39190	H	08 00 55.38	−36 46 55.5	8.52		G	120.230 763 22	−36.782 097 14	A	4.33	−11.57	25.72	0.90	1.08	1.17	0.88	1.05	−1	+2	+4	−7	−4	+9	−6	−17	−8	−11	2	−0.08
39191		08 00 55.86	+25 23 34.2	5.87		H	120.232 759 32	+25.392 820 19		2.90	17.78	6.49	0.80	0.48	0.89	0.83	0.53	−25	+41	−24	−25	−5	−25	−5	−19	+16	−48	0	1.16
39192		08 00 57.42	−32 21 42.2	8.39		H	120.239 230 57	−32.361 733 42		1.59	−3.68	4.34	0.57	0.65	0.90	0.63	0.67	+1	−6	+9	+18	−4	+8	−5	−1	+4	−1	0	1.45
39193	H	08 00 57.79	+36 52 41.0	9.86		H	120.240 805 29	+36.878 060 60	A	3.21	6.15	−11.62	7.07	3.84	4.13	3.92	2.73	+35	+11	−10	−3	+9	−18	+5	−15	−1	−37	0	2.21
39194	H	08 01 00.79	+23 34 59.4	6.34		G	120.253 306 32	+23.583 161 49	A	11.83	−19.63	−28.17	0.98	0.63	0.98	0.90	0.57	−47	+29	−26	−12	+0	+7	+3	−23	−5	−39	2	0.26
39195	H	08 01 00.88	−61 31 27.3	8.28		H	120.253 659 05	−61.524 253 92	A	2.87	−4.70	12.19	0.79	0.76	0.75	0.82	0.79	−7	−14	−8	+0	−1	+1	+0	−5	−5	−10	1	−0.36
39196		08 01 01.34	−26 27 37.3	10.53		H	120.255 583 51	−26.460 352 40		14.39	−8.25	−117.27	0.95	1.14	1.75	1.07	1.24	+1	+5	−8	+23	+8	+3	+2	−23	+9	−14	0	0.89
39197	H	08 01 02.20	−14 08 17.2	7.34		H	120.259 174 30	−14.138 112 15	A	7.14	9.97	−14.41	0.87	0.72	1.12	0.89	0.89	−20	+30	−13	−34	−5	−16	−10	−5	−16	−47	1	0.57
39198		08 01 03.45	−06 25 08.7	6.45		H	120.264 365 86	−06.419 082 31		15.01	−76.20	−46.23	0.64	0.51	0.92	0.85	0.64	−20	+20	−36	+6	+17	−34	+9	+4	−17	+12	0	3.68
39199		08 01 06.06	−19 08 01.1	8.83		H	120.275 269 64	−19.133 645 91		2.49	−4.93	5.40	0.85	0.86	1.24	1.07	1.30	−24	+25	−15	−20	+5	+13	+4	−9	−22	−43	0	1.78
39200		08 01 06.83	+30 15 24.5	10.16		H	120.278 438 73	+30.256 814 18		3.58	−2.11	−14.58	1.47	1.08	1.87	1.95	1.59	−38	+27	−28	−7	+17	−32	+4	−4	−26	−8	0	1.33

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No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
39101	8.179	0.007	7.589	0.006		0.554	0.006	G	0.63	0.01	H	7.6518	0.0009	0.012	166		7.63	7.68		C	08000−3023	I 1	1						S
39102	8.408	0.010	7.776	0.009		0.582	0.010	T	0.65	0.01	L	7.8479	0.0011	0.010	141		7.83	7.87		C			1						S
39103	9.346	0.017	8.735	0.015		0.569	0.020	T	0.64	0.02	L	8.7788	0.0012	0.014	99		8.75	8.81		C			1						
39104	9.171	0.021	7.818	0.013		1.122	0.015	G	1.08	0.02	H	7.8691	0.0012	0.010	65		7.85	7.89		C			1						
39105	8.216	0.008	8.236	0.010		−0.014	0.012	T	0.01	0.01	L	8.2503	0.0014	0.013	144		8.23	8.27					1						
39106	10.991	0.044	9.342	0.019		1.379	0.038	T	1.35	0.05	L	9.2887	0.0019	0.018	110		9.26	9.32		C			1						
39107	7.066	0.004	7.198	0.005		−0.113	0.006	T	−0.10	0.01	L	7.1869	0.0008	0.008	134		7.17	7.20		C			1						S
39108	7.594	0.006	7.541	0.007		0.048	0.008	T	0.06	0.01	L	7.5584	0.0010	0.013	154		7.53	7.59					1						S
39109	10.244	0.033	8.390	0.013		1.541	0.028	T	1.60	0.06	L	8.3351	0.0021	0.013	84		8.31	8.36		C			1						
39110	9.049	0.012	7.838	0.008		1.036	0.011	T	1.01	0.01	L	7.8872	0.0011	0.011	147		7.87	7.91		C			1						S
39111	7.293	0.006	7.335	0.009		−0.063	0.001	G	−0.04	0.00	H	7.3499	0.0011	0.010	108		7.34	7.37		C			1						S
39112	9.946	0.029	9.384	0.027		0.526	0.035	T	0.60	0.04	L	9.4416	0.0021	0.014	79		9.42	9.46		C			1						
39113	9.495	0.022	7.649	0.010		1.535	0.019	T	1.58	0.04	L	7.6170	0.0023	0.015	78		7.59	7.65					1						S
39114	10.593	0.038	9.099	0.018		1.257	0.033	T	1.22	0.03	L	9.1140	0.0018	0.016	104		9.09	9.15					1						
39115	8.267	0.011	7.127	0.007		0.980	0.010	T	0.96	0.01	L	7.1878	0.0008	0.009	99		7.17	7.21					1						S
39116	10.086	0.048	10.150	0.078		−0.054	0.083	T	−0.03	0.08	L	10.0519	0.0050	0.029	42		10.01	10.11		C			1						G
39117	7.230	0.005	5.516	0.003		1.424	0.001	G	1.41	0.00	H	5.5072	0.0007	0.007	160		5.49	5.52					1						S
39118						1.480	0.040	G	1.45	0.04	J	11.5190	0.0049	0.050	110		11.44	11.60					1						G
39119	8.712	0.011	7.245	0.006		1.236	0.010	T	1.19	0.01	L	7.2750	0.0008	0.008	113		7.26	7.29		D			1						S
39120	10.889	0.082	9.193	0.031		1.416	0.069	T	1.40	0.11	L	9.1997	0.0023	0.015	43		9.18	9.24		C			1 S						
39121	8.151	0.008	7.888	0.008		0.250	0.011	T	0.28	0.01	L	7.9506	0.0014	0.015	168		7.93	7.98					1 G						S
39122	6.060	0.004	6.014	0.004		0.042	0.005	T	0.06	0.00	L	6.0335	0.0007	0.006	114		6.02	6.04		C			1						S
39123	7.371	0.005	7.210	0.005		0.147	0.007	T	0.16	0.01	L	7.2374	0.0010	0.009	145		7.22	7.25					1						S
39124	8.407	0.012	7.194	0.007		1.037	0.011	T	1.01	0.01	L	7.2313	0.0010	0.009	110		7.22	7.25					1						S
39125	9.095	0.022	8.742	0.023		0.358	0.015	G	0.42	0.02	H	8.8118	0.0019	0.011	42		8.80	8.83		C			1						
39126	9.887	0.024	7.905	0.010		1.679	0.021	T	1.97	0.07	O	7.7966	0.0024	0.017	113		7.77	7.82		U			1						
39127	11.991	0.204	10.495	0.085		1.260	0.011	G	1.43	0.02	I	10.4607	0.0036	0.022	48		10.43	10.51		C			1						G
39128	10.534	0.029	8.997	0.013		1.312	0.026	T	3.54	0.05	O	8.4554	0.0097	0.118	155		8.29	8.63		U 2			1 S						P
39129	9.101	0.019	8.006	0.013		0.946	0.018	T	0.94	0.01	L	8.0477	0.0019	0.016	70		8.03	8.07		C			1						S
39130	11.066	0.071	9.016	0.021	*	1.160	0.040	G	1.81	0.09	S	*	8.9255	0.0027	0.023	117	*	8.89	8.97		R	08003−1350	H 1	2 C S C	AB	0	0.130	0.035	2.01	1.37	
39131	10.913	0.046	9.077	0.017		1.527	0.039	T	1.57	0.09	L	8.7933	0.0045	0.034	124		8.74	8.86		U 2			1 S						
39132	9.151	0.012	8.059	0.008		0.944	0.011	T	0.93	0.01	L	8.1381	0.0015	0.016	162		8.11	8.17					1						
39133	9.795	0.021	9.423	0.022		0.352	0.028	T	0.41	0.03	L	9.4179	0.0022	0.017	106		9.39	9.45		C			1 S						
39134	7.480	0.010	7.230	0.009		0.238	0.013	T	0.27	0.02	L	7.2795	0.0022	0.010	51		7.26	7.30					1						S
39135	9.857	0.030	9.228	0.026		0.585	0.035	T	0.66	0.03	L	9.3127	0.0024	0.020	85		9.27	9.35		C			1						
39136	9.656	0.028	7.832	0.013		1.518	0.024	T	1.55	0.04	L	7.8216	0.0014	0.012	78		7.80	7.84		C			1						
39137	8.264	0.011	6.749	0.006		1.272	0.002	G	1.10	0.04	E	6.8046	0.0012	0.010	119		6.79	6.82					1						S
39138	4.606	0.002	4.781	0.003		−0.173	0.007	G	−0.16	0.02	A	4.7573	0.0005	0.005	103		4.75	4.77		C			1						S
39139	10.942	0.060	9.243	0.023		1.419	0.051	T	1.40	0.08	L	9.2322	0.0017	0.016	78		9.21	9.26		C			1						Y
39140	7.951	0.011	7.893	0.015		0.058	0.017	T	0.07	0.01	L	7.9210	0.0016	0.009	53		7.90	7.94					1						S
39141	8.241	0.010	7.973	0.012		0.262	0.015	G	0.29	0.02	H	8.0141	0.0021	0.014	63		7.99	8.04		C			1						S
39142	8.346	0.009	8.347	0.012		−0.013	0.015	G	0.01	0.01	H	8.3756	0.0014	0.014	116		8.35	8.40		C			1						
39143	11.311	0.076	10.389	0.054		0.860	0.040	G	0.90	0.04	R	10.3991	0.0043	0.026	78		10.34	10.43					1						G
39144	11.230	0.065	10.340	0.045		0.792	0.059	T	0.82	0.04	L	10.3943	0.0435	0.340	148		10.02	10.88	5.03	P 1 A			1 S						G
39145	7.899	0.008	7.966	0.010		−0.019	0.004	G	0.00	0.00	H	7.9816	0.0013	0.013	138		7.96	8.00					1						S
39146	8.804	0.012	8.414	0.012		0.369	0.016	T	0.43	0.02	L	8.4469	0.0017	0.014	100		8.43	8.48		C			1						
39147	7.611	0.007	7.280	0.006		0.314	0.009	T	0.36	0.01	L	7.3221	0.0010	0.009	123		7.30	7.34		C			1						S
39148	8.064	0.008	7.970	0.011		0.092	0.013	T	0.10	0.01	L	8.0008	0.0012	0.010	95		7.98	8.02		C			1						S
39149	7.555	0.006	7.500	0.007		0.050	0.015	G	0.06	0.01	H	7.5126	0.0011	0.010	142		7.49	7.53		C			1						S
39150	8.808	0.012	8.811	0.015		0.002	0.018	T	0.02	0.02	L	8.8345	0.0019	0.015	90		8.81	8.87		C			1						
39152	7.862	0.007	7.325	0.007		0.523	0.004	G	0.60	0.00	H	7.3869	0.0010	0.009	105		7.37	7.40		C			1						S
39153	6.006	0.003	6.105	0.004		−0.085	0.004	T	−0.07	0.01	L	6.1045	0.0017	0.014	116		6.08	6.12	6.82	P 1 A			1						S P
39154	9.607	0.023	9.094	0.022		0.482	0.029	T	0.55	0.03	L	9.1265	0.0021	0.017	94		9.09	9.16		C			1						
39155	8.831	0.016	7.569	0.010		1.075	0.015	T	1.04	0.01	L	7.6270	0.0017	0.013	82		7.61	7.65					1						
39156	8.969	0.013	7.765	0.009		1.030	0.012	T	1.00	0.01	L	7.8172	0.0017	0.014	107		7.79	7.84					1						S
39157	7.872	0.011	7.064	0.008		0.716	0.005	G	0.78	0.01	G	7.1126	0.0007	0.008	80		7.10	7.13		C			1						S
39158	7.079	0.008	7.091	0.008		−0.006	0.010	T	0.01	0.01	L	7.1043	0.0010	0.007	61		7.09	7.12		C			1						S
39159	10.065	0.030	9.441	0.027		0.581	0.035	T	0.65	0.03	L	9.5072	0.0018	0.015	75		9.47	9.53		C			1						
39160	9.482	0.015	8.995	0.015		0.458	0.019	T	0.53	0.02	L	9.0533	0.0017	0.022	155		9.01	9.10					1						S
39161	9.609	0.023	9.087	0.022		0.490	0.029	T	0.56	0.03	L	9.1295	0.0022	0.022	123		9.07	9.16		U 2			1						
39162	7.494	0.006	7.673	0.009		−0.156	0.009	T	−0.16	0.01	L	7.6433	0.0030	0.029	128		7.61	7.69	1.59	P 1 A			1						S
39163	10.777	0.039	9.254	0.018		1.280	0.034	T	1.24	0.04	L	9.2902	0.0018	0.022	124		9.26	9.33					1						
39164	7.977	0.013	6.721	0.009		1.071	0.012	T	1.04	0.01	L	6.7577	0.0009	0.007	55		6.75	6.77		C			1						S
39165	9.894	0.023	8.873	0.016		0.890	0.021	T	0.90	0.01	L	8.9219	0.0019	0.016	125		8.90	8.95		C			1 G						
39166	9.748	0.036	9.295	0.036		0.427	0.047	T	0.49	0.05	L	9.4123	0.0033	0.014	41		9.39	9.43		C			1						
39167	9.558	0.018	9.202	0.019		0.337	0.024	T	0.39	0.03	L	9.2550	0.0022	0.016	103		9.23	9.28		C			1						
39168	9.780	0.022	8.554	0.014		1.047	0.020	T	1.02	0.02	L	8.6438	0.0017	0.011	83		8.62	8.67		C			1						
39169	8.330	0.013	7.209	0.008		0.965	0.012	T	0.95	0.01	L	7.2570	0.0009	0.005	50		7.25	7.27					1						S
39170	7.407	0.007	7.339	0.008		0.061	0.010	T	0.07	0.01	L	7.3699	0.0010	0.009	124		7.35	7.39					1						S
39171	10.095	0.038	8.215	0.016		1.562	0.033	T	1.58	0.03	L	8.1261	0.0022	0.016	49		8.10	8.15		C			1						S
39172	6.346	0.006	6.467	0.007		−0.087	0.029	G	0.07	0.03	C	6.4399	0.0029	0.038	81		6.40	6.52		U 2 C			1						S
39173	8.673	0.011	7.663	0.008		0.882	0.010	T	0.89	0.01	L	7.7104	0.0010	0.010	105		7.69	7.73					1						S
39174	9.562	0.017	8.458	0.011		0.952	0.016	T	0.94	0.01	L	8.5241	0.0013	0.016	138		8.50	8.56		C			1						
39175	10.210	0.047	9.599	0.044		0.567	0.048	T	0.64	0.04	L	9.6390	0.0035	0.024	44		9.60	9.67		C			1						
39176	8.056	0.007	8.045	0.009		−0.008	0.002	G	0.01	0.00	H	8.0634	0.0011	0.010	102		8.04	8.08		C			1						S
39177	7.305	0.009	5.744	0.004		1.317	0.015	G	1.11	0.04	E	5.7693	0.0011	0.006	51		5.76	5.78		C			1						S
39178	10.010	0.041	8.864	0.026		0.985	0.038	T	0.97	0.03	L	8.9857	0.0025	0.020	53		8.96	9.02					1						
39179	9.848	0.020	9.207	0.018		0.595	0.023	T	0.67	0.02	L	9.2615	0.0018	0.022	131		9.23	9.31		C			1						
39180	7.722	0.006	6.423	0.004		1.109	0.015	G	0.96	0.04	E	6.4690	0.0007	0.006	125		6.46	6.48		C			1						S
39181	9.347	0.029	8.303	0.020		0.907	0.027	T	0.91	0.02	L	8.3631	0.0012	0.011	49		8.35	8.39		D			1						S
39182	8.187	0.008	8.271	0.010		−0.096	0.015	G	−0.08	0.02	H	8.2828	0.0010	0.010	143		8.26	8.30					1						
39183	6.715	0.006	6.776	0.009		−0.065	0.002	G	−0.04	0.00	H	6.7787	0.0011	0.008	53		6.77	6.80					1						S
39184	5.683	0.002	5.827	0.003		−0.134	0.001	G	−0.13	0.00	H	5.8164	0.0007	0.006	125		5.80	5.83		C			1						S
39185	7.149	0.005	7.317	0.006		−0.147	0.007	T	−0.14	0.01	L	7.3015	0.0011	0.011	139		7.29	7.32					1						S
39186	9.304	0.012	8.597	0.011		0.638	0.012	T	0.70	0.01	L	8.6336	0.0014	0.017	206		8.60	8.67		C			1						
39187	7.779	0.007	7.455	0.008		0.305	0.015	G	0.35	0.02	H	7.4965	0.0013	0.011	116		7.48	7.52					1						S
39188	8.935	0.014	8.461	0.014		0.448	0.016	G	0.52	0.02	H	8.5070	0.0014	0.015	88		8.48	8.54		C			1						
39189	9.319	0.020	7.739	0.010		1.325	0.018	T	1.29	0.02	L	7.7563	0.0020	0.010	77		7.74	7.78		C			1						S
39190	8.850	0.014	8.705	0.017	A	0.160	0.042	G	0.18	0.04	R	*	8.5590	0.0019	0.019	161	*	8.53	8.60		D	08009−3647	I 1	2 C A	AB	135	7.243	0.008	1.96	0.04	
39191	7.167	0.006	5.975	0.004		1.021	0.001	G	0.99	0.00	H	6.0347	0.0007	0.005	90		6.02	6.04		C			1						S
39192	9.965	0.019	8.518	0.010		1.220	0.017	T	1.18	0.02	L	8.5556	0.0017	0.017	167		8.53	8.59					1						
39193	10.556	0.059	9.906	0.054	*	0.603	0.069	T	0.67	0.06	L	*	9.9910	0.0022	0.021	87	*	9.95	10.03		D	08010+3653	I 1	2 C A	AB	228	4.829	0.012	0.22	0.03	
39194	7.644	0.008	6.471	0.005	A	1.160	0.351	G	1.00	0.01	L	*	6.4812	0.0007	0.006	102	*	6.47	6.49		D	08010+2335	I 1	2 C A	AB	326	2.103	0.015	3.29	0.07	S
39195	8.255	0.010	8.235	0.014	*	0.097	0.015	G	0.02	0.01	L	*	8.2855	0.0013	0.012	121	*	8.27	8.31		D	08010−6131	I 1	2 C A	AB	38	4.593	0.007	2.51	0.04	S
39196	11.779	0.125	10.662	0.068		0.962	0.111	T	0.95	0.09	L	10.6972	0.0033	0.040	163		10.62	10.77		R			1						G
39197	7.673	0.005	7.391	0.008	*	0.267	0.009	T	0.30	0.01	L	*	7.4080	0.0010	0.011	139	*	7.39	7.43		D	08010−1408	H 1	2 C A	AB	44	0.798	0.013	3.08	0.05	S
39198	7.498	0.006	6.547	0.005		0.838	0.006	T	0.86	0.00	L		6.6027	0.0009	0.007	88		6.59	6.62		C			1 G						S
39199	8.897	0.015	8.808	0.018		0.087	0.022	T	0.10	0.02	L		8.8685	0.0020	0.018	89		8.83	8.89		C			1						
39200	10.759	0.057	10.212	0.055		0.512	0.071	T	0.58	0.07	L		10.2710	0.0030	0.022	77		10.24	10.32		C			1						G

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
39201		08 01 07.10	+39 22 12.2	9.33		H	120.279 578 52	+39.370 059 39		0.79	−12.22	5.52	1.50	0.88	1.64	1.92	1.17	−16	+35	−3	+7	−5	+2	−7	−23	−6	−16	3	−0.14
39202		08 01 07.65	−29 52 39.5	8.85		H	120.281 862 82	−29.877 645 31		−0.96	−1.29	2.29	0.63	0.86	1.22	0.77	0.80	+15	+15	+36	+16	−5	−6	−5	−15	−4	+3	2	2.27
39203		08 01 09.20	−41 45 30.8	7.88		G	120.288 337 43	−41.758 548 34		4.14	−14.57	4.95	0.48	0.55	0.63	0.52	0.56	+6	+4	+3	−12	−11	+0	−10	−18	+18	−4	0	−0.93
39204		08 01 10.32	−72 10 30.2	8.93		H	120.293 015 55	−72.175 048 93		2.05	−9.21	11.03	0.75	0.65	0.77	0.84	0.71	+5	+36	+20	−12	−13	−13	−6	+1	+5	−27	3	0.32
39205		08 01 11.70	−47 28 23.1	8.48		G	120.298 731 77	−47.473 074 18		2.84	−10.63	4.77	0.65	0.55	0.69	0.72	0.56	+8	+11	+8	−2	−7	−1	−6	−5	+3	−7	0	−0.44
39206		08 01 12.01	−29 33 30.9	8.35	2	H	120.300 047 03	−29.558 584 68		2.49	−8.44	5.83	0.49	0.68	0.98	0.59	0.67	+14	+10	+23	+8	−4	+1	−6	−22	+0	+5	0	0.04
39207		08 01 12.18	+54 27 38.2	7.07		H	120.300 734 36	+54.460 618 52		7.90	−42.49	−33.33	0.63	0.44	0.85	0.86	0.71	−14	+27	−4	−28	−16	−2	−19	−9	+10	+8	1	−2.39
39208		08 01 13.02	+44 48 18.6	9.05		G	120.304 232 22	+44.805 165 58		4.00	−31.02	−10.56	1.15	0.61	1.22	1.58	1.14	+16	+34	+22	+9	−22	−21	−21	+20	+7	−5	0	−1.32
*39209		08 01 13.22	+11 00 28.1	9.65		H	120.305 091 45	+11.007 809 62		0.16	−0.96	4.20	1.97	1.14	1.66	2.18	1.43	+24	−1	−31	−64	−28	+1	−29	−26	−9	+20	0	1.25
*39210		08 01 13.14	+70 06 57.0	9.31		H	120.304 764 16	+70.115 843 80		5.78	57.44	18.02	0.68	0.81	1.17	0.73	0.91	+27	+5	−2	+3	−13	+10	−14	−2	+3	+19	0	−0.31
39211		08 01 13.30	−01 23 32.7	4.69	1	H	120.305 401 55	−01.392 424 18		6.90	65.97	−75.73	0.81	0.52	0.94	0.99	0.72	−36	+46	−29	−16	+5	−40	−12	+34	+2	−6	0	1.44
39212		08 01 13.53	+08 22 35.1	7.52		H	120.306 362 57	+08.376 408 99		13.06	−26.93	−38.64	0.99	0.76	1.20	1.18	0.97	−8	+22	−44	−30	−13	−26	−34	+23	−27	+5	0	2.12
39213		08 01 13.91	+04 52 47.2	5.65		H	120.307 955 69	+04.879 778 49		9.42	−32.14	18.55	1.05	0.62	1.17	1.03	0.73	−22	+61	−46	−6	−15	+6	−20	+17	−11	+18	0	0.91
39214		08 01 14.22	−25 24 48.3	7.17		H	120.309 257 87	−25.413 406 01		7.02	−6.39	14.80	0.45	0.48	0.75	0.50	0.56	+4	+6	−5	+28	+20	−7	+17	−21	−7	−2	1	−1.17
39215		08 01 15.95	+18 23 22.9	8.89		G	120.316 467 80	+18.389 695 03		4.19	−24.06	−13.73	1.06	0.77	1.29	1.38	0.99	−13	+16	−27	−7	−1	−45	−18	+16	−5	−7	0	1.42
39216		08 01 18.39	−61 52 38.2	8.14		H	120.326 618 29	−61.877 268 29		3.28	−15.02	43.73	0.59	0.56	0.62	0.70	0.62	−1	+5	+6	+18	−2	+13	−4	−3	+1	−9	0	1.80
39217	H	08 01 18.57	−22 20 13.1	7.06		H	120.327 379 17	−22.336 960 55	A	5.68	−7.87	0.87	0.89	0.70	1.16	0.94	0.73	+27	−1	−3	−9	+14	+16	+18	−7	+21	+51	2	1.19
39218		08 01 18.93	−12 13 50.6	9.10		H	120.328 858 77	−12.230 731 93		4.44	−6.28	−0.60	1.00	0.79	1.33	1.15	0.85	−29	+43	−33	+11	−7	−9	−6	−2	+1	−3	0	−0.94
39219		08 01 19.59	+40 24 03.2	8.26		H	120.331 633 61	+40.400 879 27		5.42	−14.98	−25.88	1.19	0.70	1.34	1.46	0.95	−28	+45	−14	+9	+5	+3	+1	−29	−15	−15	0	1.15
39220		08 01 20.09	−49 37 14.1	7.24		H	120.333 707 92	−49.620 569 60		1.24	−7.98	10.65	0.55	0.48	0.59	0.70	0.51	+10	+18	+1	+9	−10	+20	−4	−24	+16	+19	0	−1.97
39221		08 01 20.75	+59 02 50.3	5.78		H	120.336 447 85	+59.047 318 36		22.94	25.30	32.64	0.54	0.48	0.78	0.61	0.61	−33	+34	−26	+30	−8	+2	+4	−6	+21	−28	3	−0.69
39222		08 01 21.48	−22 19 58.8	7.60	1	G	120.339 520 35	−22.332 989 11		6.58	−16.15	23.50	0.74	0.60	1.24	1.06	1.02	+30	+17	+2	−17	+9	−21	+15	−20	+14	+10	0	1.28
39223		08 01 22.38	+22 21 30.1	9.01		H	120.343 266 08	+22.358 368 33		2.26	−36.57	−8.30	0.97	0.62	1.07	1.04	0.65	−43	+38	−24	−13	−13	−18	−6	−14	+22	−58	0	0.84
39224		08 01 22.61	+40 51 24.7	7.38		H	120.344 224 45	+40.856 871 45		6.07	−7.49	−10.39	1.13	0.66	1.28	1.61	0.79	−20	+37	−34	+0	−19	+26	−4	−27	+8	+6	0	1.36
39225		08 01 23.05	−54 30 56.0	6.12	2	H	120.346 034 23	−54.515 542 72		2.47	−5.90	5.24	0.47	0.41	0.50	0.59	0.40	+6	+22	+18	+9	+1	+5	+3	−4	+18	+0	3	−2.59
39226		08 01 23.14	+16 56 58.1	8.42		H	120.346 404 80	+16.949 481 63	A	14.19	−31.00	−15.82	2.81	1.92	2.21	2.78	2.14	+15	−2	−38	−33	−24	−9	−28	+5	−8	−1	6	1.55
39227		08 01 23.58	−51 26 22.4	7.67		H	120.348 268 20	−51.439 561 37		2.02	−1.94	8.97	0.51	0.51	0.56	0.52	0.50	+14	+17	+12	−7	−17	−3	−15	−12	+5	+5	0	−1.21
39228		08 01 23.70	+16 57 04.6	10.06		H	120.348 756 50	+16.951 283 86	B	15.91	−24.87	−22.01	13.48	10.12	8.49	10.51	8.62	+13	+1	−37	−35	−25	−14	−32	+8	−5	+0	6	1.55
39229		08 01 24.64	−12 47 35.7	8.81	2	G	120.352 674 63	−12.793 258 78		1.10	1.86	−2.14	0.85	0.70	1.08	1.03	0.80	−27	+30	−30	+12	+6	−13	−1	+12	−11	−6	0	−1.67
39230	H	08 01 25.53	+56 56 37.1	8.58		H	120.356 357 48	+56.943 651 42	A	12.43	−8.50	−75.56	1.17	0.96	1.39	1.44	1.21	−19	+11	−19	−11	−13	−7	−14	−14	+10	−14	0	−0.87
39231	H	08 01 26.21	−48 54 47.8	8.49		G	120.359 188 89	−48.913 270 39	A	2.28	−5.00	7.89	2.21	3.42	1.24	1.36	1.22	+35	+18	+1	−5	−9	+7	−5	−7	+3	+15	5	1.91
39232		08 01 26.25	−56 56 56.6	8.40		H	120.359 364 77	−56.949 046 91		2.16	−6.86	8.29	0.57	0.60	0.63	0.64	0.60	+5	−7	−2	+15	+2	+11	+2	−20	+9	+9	1	−0.49
39233		08 01 27.11	+29 35 50.4	8.85		H	120.362 951 47	+29.597 336 85		4.58	−22.29	−16.01	0.99	0.67	1.09	1.19	0.85	−16	+3	−9	−6	−11	−11	−13	−7	−2	−25	0	1.53
39234		08 01 28.97	−47 18 02.1	8.70		H	120.370 709 71	−47.300 587 35		0.95	−3.42	6.76	0.68	0.60	0.74	0.75	0.60	+3	+5	+11	+0	−7	−1	−8	−7	−2	−10	0	1.75
*39235	H	08 01 30.29	+23 54 46.0	7.27		H	120.376 223 85	+23.912 771 63	A	2.61	−9.31	−16.82	1.57	1.03	1.51	1.46	0.92	−66	+15	−9	+3	−12	+4	−15	−4	+0	−41	1	0.19
*39236		08 01 30.29	+16 27 19.2	5.99		H	120.376 190 77	+16.455 323 09		6.91	4.25	−5.94	0.79	0.58	0.87	0.95	0.72	−7	+16	−31	−11	−13	−22	−22	+24	+0	−3	0	−0.88
39237		08 01 31.08	−01 18 28.7	9.94		H	120.379 479 45	−01.307 972 87		−0.98	−0.14	−5.79	1.67	1.10	1.93	2.23	1.70	−37	+31	−16	−21	+5	−37	−7	+23	−5	−17	0	−1.09
39238		08 01 31.58	−55 27 16.8	6.28		H	120.381 600 67	−55.454 673 67		4.88	−15.41	7.45	0.46	0.41	0.48	0.53	0.40	+6	+1	+14	+14	−5	+20	−7	−7	+11	+5	0	−0.32
39239		08 01 31.78	−04 45 56.1	9.03		H	120.382 396 48	−04.765 588 75		6.63	−10.96	−17.76	1.10	0.85	1.56	1.32	1.01	−46	+37	−34	+36	+8	−9	+4	+25	−1	−33	0	2.59
39240		08 01 31.93	−21 21 52.7	8.95	1	H	120.383 032 26	−21.364 652 18		1.63	−4.21	1.19	0.75	0.63	1.10	0.87	0.69	+22	+5	−10	−5	+8	−8	+13	−24	+6	+50	0	0.07
39241		08 01 32.35	−45 13 53.2	7.98		H	120.384 786 08	−45.231 456 08		1.80	−9.11	10.03	0.57	0.54	0.66	0.71	0.52	+8	+4	+19	+14	+2	−8	+3	−20	+7	+5	0	0.61
39242		08 01 32.51	−70 01 26.9	7.71		H	120.385 466 75	−70.024 133 65		18.55	16.52	104.78	0.63	0.60	0.65	0.77	0.67	+6	+7	+2	+11	−7	+1	−8	−1	−5	−7	0	0.65
39243		08 01 32.57	+41 23 14.5	7.28		H	120.385 697 36	+41.387 349 01		14.25	−32.08	−94.51	0.98	0.67	1.14	1.46	0.84	−15	+15	−33	+2	−1	+20	+12	−31	+19	+10	0	−0.14
39244		08 01 34.70	−09 53 21.6	9.06		H	120.394 587 38	−09.889 326 23		8.41	−15.74	−12.56	0.87	0.76	1.24	0.99	0.82	−41	+20	−28	−14	+12	−35	+2	−7	−1	−36	0	1.15
39245		08 01 34.89	−15 15 19.7	7.45		H	120.395 359 39	−15.255 472 05		3.58	−2.32	−7.23	0.61	0.51	0.88	0.80	0.75	−6	+23	−23	−23	+22	−16	+22	−28	+15	−23	0	2.10
39246		08 01 35.11	−50 36 20.2	7.20	1	H	120.396 280 05	−50.605 615 25		1.91	−6.51	5.39	0.49	0.46	0.53	0.53	0.44	+21	+25	+18	−9	−14	+4	−12	−29	+9	+14	0	0.22
39247		08 01 35.31	+14 02 26.1	8.40		H	120.397 128 38	+14.040 577 80		5.01	−17.20	−10.85	1.13	0.80	1.19	1.50	1.12	−2	+26	−19	−16	−16	−23	−21	+13	+3	+5	0	−1.66
39248		08 01 36.32	−35 47 20.1	7.86		H	120.401 323 57	−35.788 916 47		3.03	−10.62	9.18	0.49	0.57	0.70	0.55	0.58	+5	+8	+14	+7	+6	+3	+3	−17	−3	−5	0	1.64
39249		08 01 36.80	−62 51 22.7	9.29		H	120.403 347 38	−62.856 318 27		5.50	−63.54	29.55	0.88	0.80	0.90	1.07	0.94	−3	+5	+9	+4	−6	−9	−4	+7	+8	−22	0	0.63
39250		08 01 37.20	+38 44 58.1	9.01	2	H	120.404 990 44	+38.749 464 38		2.76	4.43	37.80	1.46	0.75	1.53	1.91	1.03	−1	+39	−1	+7	−13	−13	−12	−17	+1	−2	0	−0.01
39251		08 01 37.53	−37 17 01.4	5.90		H	120.406 366 15	−37.283 732 01		5.48	−2.31	4.97	0.38	0.45	0.53	0.43	0.47	+11	+1	+7	−4	+0	+4	−3	−26	+2	+4	0	−0.88
39252		08 01 38.40	−36 40 16.3	8.45		H	120.410 016 18	−36.671 194 16		6.14	−11.05	9.41	0.56	0.65	0.78	0.60	0.67	+13	+5	+8	−1	−5	+8	−8	−19	−3	+0	0	−1.08
39253		08 01 39.56	+01 28 37.0	8.90		H	120.414 840 08	+01.476 946 37		2.35	4.24	−8.83	1.10	0.84	1.30	1.53	1.05	+0	+24	−45	+7	+1	+3	+0	+18	+4	+34	0	1.27
39254		08 01 39.65	−34 41 41.4	7.56		G	120.415 201 73	−34.694 827 77		15.93	40.99	−96.84	0.50	0.58	0.76	0.56	0.55	+7	−7	+2	−8	+4	+19	+1	−32	+8	+3	0	0.25
39255		08 01 40.40	−79 40 54.9	9.30		H	120.418 350 48	−79.681 924 40		5.48	4.61	−6.74	0.78	0.77	0.85	0.89	1.00	+2	+21	+13	+22	−1	+6	−3	+2	+5	−9	0	−0.60
39256		08 01 40.61	+39 36 57.8	9.17		H	120.419 224 87	+39.616 052 18		13.72	56.57	−17.52	1.28	0.83	1.42	1.69	1.10	−26	+28	−1	+2	+12	+2	+12	−36	−7	−19	0	−0.51
39257		08 01 40.81	−52 25 23.3	8.46		H	120.420 043 32	−52.423 132 78		3.22	−22.44	29.91	0.69	0.59	0.70	0.82	0.62	+5	+9	+4	−10	−7	+9	−6	−20	+11	−4	1	−0.39
39258		08 01 41.42	+09 37 37.5	8.05		H	120.422 593 09	+09.627 087 52		4.70	−3.09	−12.35	1.06	0.86	1.49	1.35	0.95	−16	+27	−51	−31	+24	−55	−9	+6	−16	−1	0	0.49
39259		08 01 42.25	+31 10 21.6	9.32		H	120.426 047 13	+31.172 653 14		5.01	−6.48	−31.47	1.28	0.84	1.72	1.67	1.55	−36	+22	−17	−10	+19	−11	+9	−13	−47	−17	0	1.09
39260		08 01 42.34	+20 26 50.1	9.03		H	120.426 414 27	+20.447 243 95		5.87	−7.93	−9.66	1.13	0.62	1.22	1.32	0.66	−29	+29	−14	+2	−26	+7	−22	−8	−1	−54	0	1.00
39261		08 01 42.49	+60 19 27.9	6.02		H	120.427 056 65	+60.324 407 52		10.16	−33.56	−22.24	0.45	0.44	0.77	0.48	0.66	−14	+17	−12	+22	+18	−26	+5	−24	+30	−38	0	0.10
39262		08 01 43.01	−00 02 07.3	8.91		H	120.429 209 94	−00.035 374 88		2.05	−9.31	3.39	1.30	1.02	1.52	1.74	1.28	+10	+12	−30	−19	−17	+9	−19	+4	−8	+28	0	−0.06
39263		08 01 43.77	+25 05 22.0	6.32		H	120.432 387 78	+25.089 436 85		5.45	−23.32	11.69	0.84	0.50	0.93	0.83	0.55	−32	+45	−22	−28	−7	−27	−3	−16	+20	−56	0	1.45
39264	H	08 01 44.53	−08 35 35.4	7.28	2	H	120.435 547 87	−08.593 172 39	*	3.06	−48.15	8.13	0.94	1.15	1.04	1.16	0.90	−28	+16	−9	+5	−20	−9	−26	+34	−15	−21	8	1.31
39265		08 01 46.19	+55 50 55.3	8.81		H	120.442 473 48	+55.848 688 81		4.53	−13.14	−13.92	0.80	0.62	1.06	1.14	1.01	−15	+21	−14	−11	−22	+0	−23	+4	+8	−2	0	−0.59
39266		08 01 47.26	+32 09 02.2	8.16		H	120.446 921 06	+32.150 618 48		6.43	−17.36	−13.68	1.04	0.63	1.07	1.28	0.98	−21	−7	−8	−38	−5	+15	−7	−9	+0	−27	0	0.76
39267		08 01 47.47	+40 08 42.5	8.04		G	120.447 799 05	+40.145 133 80		3.64	−32.46	−68.88	1.13	0.82	1.25	1.35	1.15	−40	+44	−18	−10	+15	−9	+19	−48	+5	−24	0	2.67
39268	H	08 01 47.83	+05 12 04.0	8.25		H	120.449 300 42	+05.201 123 57	*	3.65	−11.33	−8.30	2.02	2.12	1.23	1.34	1.07	−21	+39	−24	−21	−8	−28	−16	+24	+1	−14	1	−0.69
39269		08 01 49.25	−28 24 28.4	8.46		G	120.455 213 34	−28.407 886 91		1.12	−4.61	2.53	0.52	0.76	1.12	0.59	0.86	+18	−19	−17	−13	−10	+22	−13	−31	+22	+5	3	1.65
39270		08 01 49.33	−49 58 58.6	8.81		H	120.455 546 91	−49.982 952 09		3.69	−29.91	37.45	0.78	0.73	0.86	0.92	0.82	+8	+9	−4	−2	−11	+9	−9	−20	+18	+5	0	−0.29
39271		08 01 50.73	+08 54 50.2	6.22		H	120.461 375 19	+08.913 932 08		16.77	−1.32	24.20	0.81	0.64	1.00	1.01	0.78	−10	+18	−37	−20	−1	−36	−20	+21	−14	−1	0	0.23
39272		08 01 51.26	−44 35 59.7	6.56		H	120.463 578 79	−44.599 920 36		1.87	−2.78	5.70	0.47	0.44	0.54	0.54	0.43	+0	+3	+10	+12	+5	+4	+4	−25	+15	−2	0	0.15
39273		08 01 51.39	+75 27 00.8	8.02		H	120.464 134 80	+75.450 214 06		4.03	−7.94	−4.40	0.55	0.56	0.85	0.67	0.71	−4	+19	−4	+3	+1	−3	+3	−22	+1	+3	0	−0.92
39274		08 01 51.65	−70 01 38.7	8.49		H	120.465 190 26	−70.027 408 12		3.32	−17.92	10.70	0.71	0.69	0.74	0.90	0.81	+10	+10	+0	+4	−6	+0	−6	+0	−5	−2	0	0.54
39275		08 01 52.05	−58 24 16.1	10.11		G	120.466 876 44	−58.404 460 23		−0.07	85.22	−44.04	0.93	1.06	1.01	0.99	1.06	+2	+16	+11	−32	−4	−20	−3	−48	+16	−18	4	2.20
39276		08 01 52.20	+28 38 01.3	8.31		H	120.467 481 43	+28.633 691 82		1.69	−17.59	−18.11	0.93	0.64	1.02	0.99	0.74	−19	+40	−9	+3	+2	−3	−6	−21	−8	−32	5	2.08
39277		08 01 53.61	−20 29 29.7	8.64		H	120.473 372 13	−20.491 576 63		4.97	−17.12	6.01	0.83	0.78	1.15	1.06	0.97	−5	−8	−30	−6	+11	−16	+8	+16	−3	−10	0	0.38
39278		08 01 54.33	−33 17 59.3	8.26		G	120.476 367 53	−33.299 808 29		1.67	−4.36	5.91	0.53	0.61	0.81	0.61	0.62	+15	+11	+9	+18	−4	+13	−4	−12	+10	+12	1	0.10
39279		08 01 55.20	+35 24 47.1	6.34	1	H	120.479 995 82	+35.413 085 17		4.96	−25.04	−6.78	0.87	0.46	0.94	0.88	0.70	−5	+53	+0	+1	−1	−25	+1	+7	+3	−10	0	1.24
39280		08 01 55.61	+04 32 29.3	7.14		H	120.481 700 66	+04.541 459 04		5.78	−28.28	−5.36	1.10	0.77	1.31	1.03	0.83	−34	+57	−56	−30	+1	−28	−30	+28	−25	+2	0	2.09
39281		08 01 56.31	−18 30 25.8	9.11		H	120.484 633 73	−18.507 165 98		1.24	−0.01	2.73	0.92	1.00	1.42	1.14	1.50	−18	+28	−7	−23	+14	−19	+12	−17	−3	−38	0	1.80
39282	H	08 01 57.12	−27 12 53.2	6.82		H	120.488 002 74	−27.214 789 25	A	0.59	−6.20	1.09	0.49	0.63	0.84	0.49	0.66	+4	−5	−2	+5	+8	+17	+10	+0	+3	−3	1	0.17
39283		08 01 57.84	−20 51 33.8	8.80		H	120.490 988 51	−20.859 381 31		3.58	−4.31	2.84	0.77	0.70	1.12	0.96	0.79	+5	−9	−15	−11	+13	−17	+9	−14	+1	+22	0	−0.56
39284		08 01 58.98	−57 52 03.5	10.28		G	120.495 767 68	−57.867 634 31		0.36	−8.95	38.22	0.96	1.08	1.08	1.04	1.05	−1	−14	+1	−10	+0	−1	−3	−29	+12	−13	3	0.54
*39285		08 01 59.92	+58 02 58.2	8.92		H	120.499 676 50	+58.049 503 68		1.48	−1.05	−6.50	0.85	0.81	1.24	1.20	1.21	−9	+9	+12	−21	−15	+7	−16	−10	+10	−9	0	−0.36
*39286		08 01 59.82	−54 39 45.0	6.67		H	120.499 231 80	−54.662 503 82		10.93	−35.12	61.06	0.48	0.44	0.52	0.63	0.44	+4	+17	+11	+7	+0	+8	+2	−9	+18	+4	0	0.68
39287		08 02 00.50	−63 30 34.4	9.18		H	120.502 068 19	−63.509 563 05		2.83	1.32	−25.13	0.84	0.79	0.88	1.19	0.94	−2	+2	−5	+13	+6	−19	+3	+1	+12	−21	0	−0.78
39288		08 02 00.54	−09 21 24.5	7.14		H	120.502 266 83	−09.356 801 39		7.49	−34.43	10.33	0.65	0.52	0.89	0.74	0.57	−27	+23	−35	+1	+10	−25	−3	+13	−18	−12	0	−0.27
39289		08 02 02.18	−35 09 04.7	8.26		H	120.509 103 82	−35.151 302 43		3.39	3.23	−11.75	0.60	0.68	0.88	0.72	0.71	+3	+1	+9	−6	+13	+12	+10	−20	−3	−3	0	1.10
39290	H	08 02 02.48	−42 46 12.6	7.87	1	H	120.510 314 21	−42.770 172 56	A	2.60	−5.31	4.05	0.95	0.99	1.07	0.90	0.92	−5	+0	+24	−13	+13	+20	+8	−17	+6	−14	2	−0.16
39291		08 02 02.69	−02 58 50.0	8.28		H	120.511 198 00	−02.980 556 45		7.59	−42.70	−0.99	1.06	0.67	1.19	1.46	1.06	−35	+29	−28	−10	+12	−25	−2	+27	−8	−7	4	−0.02
*39292		08 02 03.68	−02 16 57.4	8.25		H	120.515 343 67	−02.282 605 89		1.10	−6.88	−6.72	1.19	0.72	1.34	1.74	1.17	−43	+39	−31	−22	+20	−38	+2	+24	+5	−9	0	−0.32
*39293	H	08 02 03.61	−17 10 19.8	11.34		G	120.515 028 81	−17.172 159 70	A	34.66	−345.03	138.00	10.96	5.90	3.79	3.44	3.47	−6	+13	+2	−8	−10	−6	−2	+12	+1	−21	5	1.24
39294		08 02 03.90	−50 31 41.3	8.68		H	120.516 238 33	−50.528 143 87		0.82	−3.41	5.61	0.63	0.65	0.72	0.68	0.67	+10	+19	+16	−11	−9	+0	−9	−28	+5	+0	0	−0.78
39295		08 02 04.23	+51 41 44.4	10.10		H	120.517 605 58	+51.695 670 73		13.94	−4.79	5.57	1.35	0.93	1.72	1.75	1.51	+7	+22	−14	+2	−9	−9	−8	+1	+19	+0	0	0.70
39296		08 02 04.72	+19 44 14.4	7.65		G	120.519 681 87	+19.737 324 90		5.63	−10.35	−18.38	0.85	0.60	1.08	1.01	0.81	−34	+33	−42	−4	+10	−28	−13	+20	−32	−4	0	−0.90
39297		08 02 05.39	+24 58 35.5	8.54	2	H	120.522 445 25	+24.976 519 76		0.73	0.96	−5.02	1.04	0.64	1.19	1.22	0.76	−36	+24	−20	−21	−4	−24	−1	−16	+26	−53	0	1.52
39298		08 02 05.44	−12 48 14.7	8.06		G	120.522 664 02	−12.804 080 27		23.24	−127.69	−223.46	0.83	0.66	1.05	1.00	0.70	−23	+31	−36	+0	+11	−16	+4	+2	−4	−1	0	−1.45
39299		08 02 06.13	−37 03 00.3	6.31	2	H	120.525 548 92	−37.050 075 05		3.96	3.44	13.11	0.42	0.49	0.58	0.44	0.50	+12	+4	+9	−5	−6	+2	−8	−27	−1	+4	0	−0.32
39300		08 02 06.98	−07 34 57.5	9.11		H	120.529 071 11	−07.582 645 40		−1.09	3.85	−6.67	1.00	0.80	1.34	1.15	0.88	−40	+22	−30	−4	+22	−28	+14	−6	−4	−31	0	1.42

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
39201	10.799	0.051	9.500	0.028		1.104	0.045	T	1.07	0.05	L	9.4994	0.0022	0.018	81		9.47	9.54		C			1							
39202	10.224	0.022	8.952	0.013		1.083	0.020	T	1.05	0.02	L	9.0234	0.0019	0.021	170		8.99	9.07		C			1 S							
39203	7.755	0.006	7.863	0.010		−0.098	0.003	G	−0.08	0.00	H	7.8610	0.0011	0.013	144		7.84	7.88		C			1							S
39204	9.045	0.014	8.919	0.016		0.114	0.020	T	0.13	0.02	L	8.9698	0.0014	0.013	108		8.95	9.00		C			1							
39205	8.443	0.009	8.431	0.011		0.012	0.012	T	0.03	0.01	L	8.4655	0.0017	0.014	118		8.44	8.49					1							
39206	8.192	0.007	8.316	0.009		−0.107	0.004	G	−0.09	0.01	H	8.3171	0.0028	0.030	179		8.28	8.36		U 2			1							
39207	7.290	0.005	7.093	0.005		0.188	0.007	T	0.21	0.01	L	7.1267	0.0010	0.013	161		7.11	7.15					1							S
39208	9.403	0.017	9.047	0.018		0.364	0.015	G	0.43	0.02	H	9.1155	0.0014	0.014	107		9.09	9.14		C			1							
39209	11.032	0.082	9.675	0.040		1.150	0.071	T	1.11	0.06	L	9.8147	0.0024	0.018	42		9.78	9.84		D			1							
39210	9.879	0.016	9.368	0.015		0.480	0.020	T	0.55	0.02	L	9.4205	0.0018	0.027	220		9.37	9.47					1 S							
39211	6.630	0.006	4.852	0.004		1.475	0.044	G	1.54	0.02	A	4.8140	0.0009	0.010	64		4.80	4.83		M			1							S
39212	8.262	0.013	7.599	0.014		0.619	0.015	G	0.66	0.01	L	7.6441	0.0014	0.007	50		7.63	7.67					1							S
39213	5.661	0.004	5.647	0.004		0.013	0.005	T	0.03	0.01	L	5.6608	0.0009	0.004	41		5.65	5.67			08012+0453	I 1	1							S
39214	7.439	0.004	7.199	0.005		0.229	0.006	T	0.25	0.01	L	7.2398	0.0008	0.009	164		7.22	7.26					1							S
39215	9.231	0.028	8.908	0.029		0.270	0.015	G	0.30	0.02	H	8.9617	0.0018	0.010	43		8.95	8.99					1							
39216	9.498	0.017	8.257	0.010		1.059	0.015	T	1.03	0.01	L	8.3067	0.0015	0.011	117		8.29	8.33		C			1							
39217	7.205	0.006	7.121	0.008	A						T *	7.0999	0.0010	0.012	216	*	7.08	7.12		D	08013−2220	I 2	2 C A	AB	44	1.587	0.009	2.24	0.03	S
39218	9.063	0.015	9.070	0.020		−0.002	0.023	T	0.02	0.02	L	9.1132	0.0020	0.015	78		9.09	9.14		D			1							
39219	9.428	0.023	8.372	0.016		0.916	0.021	T	0.91	0.01	L	8.4207	0.0019	0.015	73		8.39	8.45		C			1							S
39220	7.088	0.005	7.215	0.007		−0.110	0.008	T	−0.09	0.01	L	7.2042	0.0008	0.009	104		7.19	7.22					1							S
39221	6.254	0.004	5.823	0.004		0.421	0.005	T	0.49	0.01	L	5.8738	0.0008	0.007	108		5.86	5.89					1 G							S
39222	8.941	0.013	7.709	0.008		1.067	0.015	G	1.03	0.01	H	7.7777	0.0018	0.020	196		7.74	7.81		U	08013−2220	I 2	1 G							S
39223	10.563	0.038	9.116	0.018		1.220	0.033	T	1.18	0.03	L	9.1730	0.0017	0.014	114		9.15	9.19		C			1							
39224	8.658	0.014	7.485	0.010		1.006	0.013	T	0.98	0.01	L	7.5446	0.0013	0.011	69		7.53	7.57		C			1							S
39225	6.051	0.004	6.110	0.004		−0.044	0.004	G	−0.02	0.00	H	6.1141	0.0010	0.018	122		6.10	6.18	2.51	P 1 A	08014−5431	I 1	1							S
39226	9.010	0.020	8.487	0.019	A	0.491	0.025	T	0.56	0.03	L	8.5295	0.0064	0.030	50	A	8.50	8.61		D	08014+1657	I 2	1 C P A							S
39227	7.638	0.007	7.676	0.008		−0.030	0.010	T	−0.01	0.01	L	7.6715	0.0011	0.012	137		7.65	7.69		C			1							S
39228	10.930	0.102	9.773	0.056	B	0.993	0.090	T	0.97	0.07	L	10.2685	0.0262			B				D	08014+1657	I 2	1 C I A							
39229	8.762	0.016	8.798	0.020		−0.053	0.005	G	−0.03	0.01	H	8.7935	0.0026	0.021	79		8.77	8.91		U 2			1							
39230	9.290	0.014	8.710	0.013	A	0.500	0.495	G	0.54	0.04	L *	8.6814	0.0021	0.019	127	*	8.65	8.72		D	08014+5657	I 1	2 C A	AB	33	6.222	0.014	2.78	0.07	
39231	8.467	0.011	8.482	0.014	*	−0.024	0.005	G	0.00	0.01	H *	8.4834	0.0021	0.019	114	*	8.46	8.51		D	08014−4855	I 1	2 C A	AB	204	0.346	0.012	1.76	0.14	
39232	8.445	0.010	8.383	0.012		0.056	0.014	T	0.07	0.01	L	8.4213	0.0012	0.011	112		8.40	8.44		C			1							
39233	9.209	0.018	8.886	0.019		0.307	0.024	T	0.35	0.03	L	8.9312	0.0020	0.014	72		8.91	8.96		C			1							
39234	8.650	0.010	8.683	0.013		−0.043	0.015	G	−0.02	0.01	H	8.6925	0.0019	0.019	119		8.67	8.72					1 S							
39235	8.909	0.012	7.413	0.007	A	1.100	0.495	G	1.20	0.02	L *	7.4276	0.0008	0.011	107	*	7.41	7.45		D	08015+2355	I 1	2 C B	AB	170	1.319	0.050	3.51	0.18	S
39236	5.970	0.004	5.982	0.004		−0.024	0.003	G	0.00	0.00	H	5.9951	0.0009	0.006	58		5.99	6.00		C			1							S
39237	11.644	0.165	10.066	0.066		1.323	0.140	T	1.28	0.16	L	10.0954	0.0036	0.024	70		10.05	10.13		C			1							G
39238	6.088	0.004	6.257	0.004		−0.146	0.005	T	−0.14	0.01	L	6.2333	0.0009	0.006	115		6.22	6.25		C			1							S
39239	9.434	0.018	9.068	0.019		0.347	0.024	T	0.41	0.03	L	9.1135	0.0016	0.015	103		9.09	9.14		C			1							
39240	8.808	0.010	8.923	0.014		−0.100	0.015	T	−0.08	0.02	L	8.9179	0.0024	0.026	181		8.88	8.97		U			1							
39241	7.829	0.007	7.960	0.011		−0.104	0.015	G	−0.09	0.02	H	7.9489	0.0014	0.012	132		7.93	7.97					1							S
39242	8.420	0.011	7.771	0.009		0.595	0.011	T	0.67	0.01	L	7.8339	0.0015	0.014	96		7.81	7.85					1							S
39243	7.909	0.009	7.335	0.008		0.563	0.015	G	0.64	0.01	H	7.4003	0.0015	0.012	71		7.38	7.42		C			1							S
39244	9.565	0.021	9.078	0.020		0.458	0.026	T	0.53	0.03	L	9.1641	0.0019	0.015	74		9.14	9.18		C			1							
39245	8.695	0.010	7.552	0.007		0.983	0.010	T	0.96	0.01	L	7.6109	0.0008	0.009	127		7.59	7.63		C			1							S
39246	7.225	0.006	7.215	0.007		0.014	0.008	T	0.03	0.01	L	7.2152	0.0016	0.014	116		7.20	7.24		M			1							S
39247	9.316	0.027	8.432	0.021		0.788	0.026	T	0.82	0.02	L	8.5452	0.0028	0.017	52		8.52	8.57		R			1							
39248	7.791	0.008	7.841	0.010		−0.040	0.015	G	−0.02	0.01	H	7.8585	0.0010	0.013	158		7.83	7.88		C			1							S
39249	9.983	0.024	9.367	0.022		0.574	0.028	T	0.65	0.03	L	9.4178	0.0024	0.018	109		9.39	9.45		C			1							
39250	9.569	0.021	9.132	0.021		0.413	0.027	T	0.48	0.03	L	9.1026	0.0045	0.117	69		9.08	9.46	1.96	P 1 A			1							
39251	6.099	0.003	5.923	0.004		0.147	0.006	G	0.16	0.01	H	5.9568	0.0006	0.006	144		5.95	5.97		C			1							S
39252	8.677	0.009	8.472	0.010		0.189	0.013	T	0.21	0.01	L	8.5103	0.0015	0.016	158		8.49	8.54		C			1							
39253	9.018	0.023	8.898	0.028		0.116	0.034	T	0.13	0.04	L	8.9434	0.0023	0.018	61		8.91	8.98		C			1							
39254	8.078	0.007	7.606	0.008		0.470	0.015	G	0.54	0.02	H	7.6624	0.0011	0.011	143		7.65	7.68		C			1							S
39255	10.096	0.026	9.398	0.023		0.631	0.026	T	0.70	0.02	L	9.4281	0.0019	0.017	101		9.40	9.45		C			1							
39256	9.784	0.025	9.217	0.023		0.530	0.030	T	0.60	0.03	L	9.2882	0.0025	0.020	80		9.26	9.32		C			1							
39257	9.708	0.018	8.559	0.012		0.987	0.017	T	0.97	0.01	L	8.6245	0.0015	0.016	123		8.60	8.66		C			1							
39258	9.403	0.031	8.189	0.020		1.038	0.029	T	1.01	0.02	L	8.2169	0.0029	0.013	39		8.20	8.24					1							S
39259	9.726	0.027	9.328	0.028		0.377	0.036	T	0.44	0.04	L	9.4031	0.0025	0.015	65		9.38	9.43		C			1							
39260	10.196	0.026	9.164	0.018		0.898	0.024	T	0.90	0.02	L	9.1878	0.0015	0.016	132		9.16	9.22		C			1							
39261	6.220	0.003	6.037	0.003		0.158	0.005	G	0.17	0.01	H	6.0763	0.0007	0.008	146		6.07	6.09					1 G							S P
39262	10.244	0.047	8.960	0.028		1.093	0.043	T	1.05	0.04	L	9.0835	0.0020	0.016	47		9.05	9.12		D			1							
39263	6.345	0.004	6.320	0.006		0.023	0.006	T	0.04	0.01	L	6.3331	0.0007	0.005	91		6.32	6.34		C	08017+2506	I 1	1							S
39264	8.112	0.014	7.373	0.011	*	0.677	0.014	T	0.74	0.01	L *	7.4143	0.0015	0.015	79	*	7.40	7.64		P 1 A	08017−0836	I 1	2 C A	AB	270	0.245	0.005	0.88	0.10	S D
39265	8.978	0.012	8.830	0.014		0.142	0.017	T	0.16	0.02	L	8.8653	0.0021	0.020	147		8.84	8.91					1							
39266	8.336	0.010	8.172	0.011		0.157	0.014	T	0.17	0.01	L	8.2155	0.0014	0.015	80		8.19	8.24		C			1							S
39267	8.653	0.014	8.107	0.013		0.524	0.015	G	0.60	0.02	H	8.1476	0.0016	0.011	75		8.13	8.17		C			1 G							S
39268	8.347	0.013	8.274	0.016	*	0.072	0.020	T	0.08	0.02	L *	8.2777	0.0021	0.010	52	*	8.25	8.29		C	08018+0512	H 1	2 C B	AB	280	0.239	0.033	2.23	0.53	S
39269	10.142	0.018	8.601	0.009		1.309	0.005	G	1.16	0.02	A	8.6478	0.0013	0.019	223		8.62	8.68					1							
39270	10.355	0.032	8.944	0.017		1.192	0.028	T	1.15	0.03	L	8.9685	0.0024	0.017	98		8.94	9.00					1							
39271	6.904	0.006	6.290	0.005		0.570	0.003	G	0.64	0.00	H	6.3391	0.0010	0.006	55		6.33	6.35		C			1							S
39272	8.290	0.011	6.694	0.005		1.337	0.010	T	1.30	0.01	L	6.7168	0.0009	0.008	125		6.71	6.73		C			1							S
39273	9.407	0.014	8.145	0.009		1.075	0.013	T	1.04	0.01	L	8.1917	0.0011	0.015	146		8.16	8.22		C			1							S
39274	9.950	0.023	8.602	0.013		1.143	0.021	T	1.11	0.02	L	8.6593	0.0019	0.015	94		8.64	8.69		C			1							
39275	11.127	0.053	10.254	0.037		0.960	0.020	G	0.95	0.02	I	10.2574	0.0028	0.020	116		10.22	10.29					1							G
39276	8.525	0.012	8.337	0.014		0.180	0.017	T	0.20	0.02	L	8.3707	0.0017	0.011	68		8.35	8.40		C			1							S
39277	8.796	0.013	8.655	0.016		0.128	0.019	T	0.14	0.02	L	8.6925	0.0026	0.019	89		8.66	8.73					1							
39278	8.202	0.008	8.244	0.010		−0.040	0.015	G	−0.02	0.01	H	8.2723	0.0013	0.018	164		8.24	8.30					1							
39279	8.408	0.012	6.526	0.006		1.564	0.011	T	1.58	0.01	L	6.4538	0.0015	0.011	80		6.44	6.47		M			1							S
39280	8.770	0.018	7.274	0.010		1.259	0.016	T	1.22	0.02	L	7.2960	0.0013	0.007	38		7.28	7.31		C			1							S
39281	9.886	0.034	9.169	0.029		0.659	0.036	T	0.72	0.03	L	9.2481	0.0024	0.023	78		9.22	9.28		C			1							
39282	6.733	0.003	6.782	0.005	*	−0.040	0.005	T	−0.02	0.01	L *	6.8172	0.0007	0.009	205	*	6.80	6.83		D	08019−2713	I 1	2 C A	AB	161	7.645	0.014	3.37	0.07	S
39283	8.768	0.014	8.791	0.018		−0.018	0.007	G	0.00	0.01	H	8.8028	0.0019	0.020	124		8.77	8.85					1							
39284	11.596	0.081	10.484	0.049		1.430	0.020	G	1.42	0.03	I	10.4162	0.0042	0.030	111		10.38	10.47					1							G
39285	10.188	0.028	8.994	0.017		1.022	0.026	T	1.00	0.02	L	9.0855	0.0023	0.023	110		9.04	9.12					1							
39286	7.071	0.005	6.712	0.005		0.340	0.007	T	0.40	0.01	L	6.7544	0.0008	0.007	117		6.74	6.77		C			1							S
39287	9.984	0.044	9.302	0.039		0.630	0.049	T	0.70	0.04	L	9.3082	0.0028	0.023	106		9.28	9.34		C			1							
39288	7.403	0.006	7.178	0.007		0.215	0.009	T	0.24	0.01	L	7.2097	0.0012	0.008	77		7.19	7.22					1							S
39289	10.114	0.023	8.398	0.010		1.432	0.020	T	1.42	0.03	L	8.3949	0.0016	0.017	140		8.37	8.42		C			1							
39290	7.754	0.014	7.812	0.018	*	−0.049	0.020	T	−0.03	0.02	L *	7.8655	0.0018	0.020	134	*	7.84	7.90	0.85	P 1 A	08020−4246	I 1	2 C A	AB	297	6.047	0.005	1.10	0.02	
39291	8.600	0.013	8.301	0.014		0.284	0.018	T	0.32	0.02	L	8.3494	0.0018	0.013	76		8.33	8.37		C			1							S
39292	10.318	0.037	8.439	0.015		1.561	0.032	T	1.58	0.03	L	8.3683	0.0015	0.014	84		8.34	8.39		C			1							
39293						1.478	0.015	G	1.94	0.09	I *	11.4318	0.0060	0.040	106	*	11.33	11.50			08021−1710	H 1	2 C B	AB	84	0.373	0.032	1.30	0.30	G
39294	8.771	0.011	8.695	0.014		0.086	0.015	G	0.10	0.02	H	8.7188	0.0018	0.014	113		8.70	8.74		C			1							
39295	11.119	0.059	10.137	0.038		0.849	0.055	T	0.86	0.04	L	10.2475	0.0037	0.034	117		10.19	10.31					1							G
39296	7.592	0.008	7.654	0.010		−0.035	0.002	G	−0.01	0.00	H	7.6498	0.0012	0.010	77		7.63	7.67					1							S
39297	10.808	0.053	8.807	0.017		1.658	0.044	T	1.68	0.04	L	8.6508	0.0030	0.035	90		8.60	8.77		U 2 C			1							
39298	8.984	0.017	8.147	0.013		0.721	0.015	G	0.77	0.01	H	8.1980	0.0014	0.010	76		8.18	8.22					1							
39299	8.410	0.011	6.525	0.006		1.599	0.010	T	2.32	0.03	O	6.3499	0.0017	0.021	151		6.31	6.39		U 2			1 S							S
39300	10.948	0.059	9.279	0.024		1.395	0.050	T	1.37	0.06	L	9.2542	0.0031	0.018	82		9.23	9.29					1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
39301	H	08 02 07.40	+54 36 54.8	8.28		H	120.530 840 04	+54.615 234 51	*	5.38	−15.61	−13.66	2.00	1.36	1.36	1.48	1.33	−52	+28	−19	+6	−29	+3	−25	+6	+15	−38	2	0.07
39302		08 02 07.50	+02 57 38.2	6.79		H	120.531 261 57	+02.960 621 29		2.18	−7.11	−2.60	0.83	0.56	0.91	0.97	0.72	−14	+33	−21	−10	−1	−6	−7	+11	−10	+2	0	1.56
39303		08 02 09.12	+26 53 22.5	9.21		H	120.537 989 56	+26.889 591 79		2.87	−2.42	−11.62	1.17	0.78	1.38	1.47	0.89	−34	+28	−28	−2	−10	+27	−5	−11	−11	−29	0	−0.22
39304		08 02 09.19	−41 53 46.3	8.72		H	120.538 275 03	−41.896 189 23		2.62	−8.27	4.18	0.58	0.64	0.76	0.60	0.69	+1	+4	+9	−17	−8	+0	−7	−11	+18	−9	1	−0.90
39305		08 02 11.03	+62 58 18.7	9.17		H	120.545 960 47	+62.971 861 16		3.98	−16.05	−5.09	0.87	0.80	1.29	0.91	0.77	+8	+12	−23	+14	+21	−14	+20	−16	+12	+17	0	−0.76
39306		08 02 11.09	+26 38 16.6	7.70		H	120.546 213 73	+26.637 938 02		6.72	−3.51	−22.31	0.93	0.60	1.06	1.02	0.64	−36	+36	−33	−4	−14	+11	−13	−8	−9	−38	2	−0.24
39307		08 02 12.46	−63 39 27.7	9.53		H	120.551 929 31	−63.657 682 08		6.20	9.78	−27.40	0.85	0.83	0.94	0.96	0.98	−12	+17	−4	−14	−3	−20	−1	−9	+17	−36	1	1.63
39308		08 02 13.90	+28 11 03.2	8.96		H	120.557 935 03	+28.184 224 87		−0.34	−3.30	−13.23	0.96	0.61	1.09	1.19	0.87	−17	+40	+1	−10	+4	−14	−4	−22	−21	−8	0	2.17
39309		08 02 14.88	−03 58 16.2	10.34		G	120.562 019 96	−03.971 162 75		1.17	2.48	−16.98	2.20	1.27	2.00	2.36	1.63	−50	+23	−31	+60	−26	−22	−46	+49	−5	−48	0	−0.61
39310	H	08 02 15.53	−55 32 26.2	6.70	2	G	120.564 718 15	−55.540 605 41	A	2.17	−6.13	4.51	0.90	0.80	0.73	0.82	0.61	+12	−7	+9	+3	−5	+6	−6	−6	+14	−14	7	1.91
39311		08 02 15.95	+02 20 03.5	4.39		G	120.566 472 02	+02.334 314 29		12.49	−28.04	105.49	0.95	0.60	0.98	1.41	0.85	+19	+5	−40	−34	−30	+24	−29	−10	+18	+46	0	1.32
39312		08 02 16.03	+44 01 19.6	7.88		H	120.566 805 53	+44.022 116 20		5.96	−25.15	−1.36	0.93	0.53	1.00	1.26	0.84	−3	+30	+4	+21	−24	−6	−24	+15	+4	−5	0	0.16
39313		08 02 16.59	+60 59 36.3	6.87		H	120.569 106 71	+60.993 418 14		17.41	0.96	23.79	0.50	0.47	0.78	0.46	0.46	−11	+22	−5	+5	+22	−12	+36	−35	+12	+19	0	0.69
39314		08 02 16.92	−44 46 11.3	9.02		H	120.570 489 57	−44.769 800 65		0.01	−6.52	8.42	0.76	0.69	0.86	0.88	0.68	−4	+1	+13	−1	+7	−5	+5	−25	+10	−11	1	−0.88
39315		08 02 17.84	−45 09 10.4	8.68		H	120.574 332 97	−45.152 892 08		1.77	−23.01	19.51	0.72	0.74	0.88	0.89	0.69	+8	+7	+17	+7	+2	−8	+2	−23	+12	+0	0	−0.62
39316		08 02 18.28	−26 03 54.1	7.95		H	120.576 172 15	−26.065 023 44		1.03	−7.83	4.57	0.54	0.57	0.91	0.65	0.59	−2	+4	−19	+11	+15	+1	+10	−28	+12	−11	1	0.82
39317		08 02 20.05	−59 53 57.7	8.23		H	120.583 540 11	−59.899 349 29		6.17	25.54	9.22	0.72	0.63	0.72	0.92	0.66	−11	−2	+1	+22	+7	+1	+2	−22	+21	−18	0	−1.15
39318		08 02 20.25	+74 14 19.3	8.98		H	120.584 388 41	+74.238 691 34		4.76	24.47	46.14	0.75	0.78	1.15	0.89	0.99	+15	+13	−9	+23	+3	+23	+8	+12	+11	+26	0	−1.22
39319		08 02 20.76	−85 41 27.3	9.10		H	120.586 503 09	−85.690 917 86		1.30	−10.76	17.02	0.77	0.84	0.89	0.91	0.93	−4	+6	+9	−12	−2	+3	−3	−24	−17	−8	0	−0.66
39320		08 02 22.20	−34 25 30.2	9.81		G	120.592 506 27	−34.425 044 85		2.07	−9.76	5.16	0.84	0.99	1.26	1.00	0.98	+8	+4	+11	−4	+1	+14	−2	−32	+3	+2	0	−0.51
39321		08 02 22.30	−67 47 41.7	8.57		H	120.592 937 06	−67.794 914 17		2.15	−1.81	10.35	0.70	0.76	0.75	0.90	0.81	−10	+13	+14	+21	−26	−5	−24	+9	−1	−22	2	1.42
39322		08 02 22.38	+06 35 25.3	8.62		H	120.593 259 51	+06.590 370 42		3.42	−12.93	−8.26	1.28	1.07	1.49	1.58	1.40	−30	+29	−9	−4	−33	−38	−31	+46	+26	−34	0	−0.85
39323		08 02 23.34	−51 26 26.6	7.27		G	120.597 270 82	−51.440 718 40		3.28	−26.66	14.96	0.49	0.52	0.57	0.52	0.47	+19	+13	+20	−7	−15	−8	−12	−25	+9	+11	0	−0.53
39324		08 02 25.63	−55 56 11.9	8.85		H	120.606 803 96	−55.936 647 18		1.09	−8.40	10.17	0.76	0.76	0.85	0.93	0.79	+8	+11	+15	+1	−6	+19	−7	−21	+3	+9	0	1.63
*39325	H	08 02 26.03	+04 09 08.4	7.61		G	120.608 473 79	+04.152 327 30	A	23.79	64.40	−105.30	1.73	1.48	1.62	1.43	1.30	−29	+19	−48	−32	−9	−1	−13	+5	−8	−29	1	0.56
*39326		08 02 25.97	−06 20 13.6	6.34		H	120.608 190 24	−06.337 107 92		9.18	6.27	−11.25	0.64	0.50	0.95	0.79	0.66	−15	+6	−27	+12	+20	−27	+14	+13	−22	−5	2	1.27
39327		08 02 26.51	−30 25 04.8	8.56		H	120.610 443 83	−30.418 010 37		10.91	82.15	−80.75	0.60	0.74	1.04	0.72	0.87	+3	−1	+6	+27	+12	+7	+9	+1	−8	−6	0	1.64
39328		08 02 26.51	−55 02 37.1	10.26		H	120.610 477 79	−55.043 646 60		−0.20	−8.01	16.67	10.95	10.59	11.68	14.38	11.30	+0	+3	+9	+6	−12	+15	−13	−24	−6	−5	0	
*39329	H	08 02 27.10	−44 40 01.2	6.54	1	G	120.612 914 84	−44.666 996 91	A	5.09	−13.10	17.39	0.63	0.61	0.66	0.68	0.56	−12	+1	+16	+6	+7	−2	+5	−15	−3	−22	5	0.62
*39330		08 02 27.09	−46 20 12.7	7.52		G	120.612 880 50	−46.336 864 64		27.62	−122.37	231.02	0.52	0.49	0.59	0.57	0.46	−3	+5	+19	−15	−2	−10	+0	−25	+9	−11	0	−0.02
39331		08 02 27.26	−22 12 31.7	8.97		H	120.613 593 06	−22.208 805 46		1.29	−3.47	5.45	0.78	0.63	1.06	0.90	0.71	+11	−2	−8	−20	+14	+5	+15	−26	+14	+51	0	0.19
39332	H	08 02 27.49	−34 33 59.6	9.73		H	120.614 540 52	−34.566 553 14	B	−4.61	−7.52	5.33	2.93	3.27	3.09	2.11	2.74	+15	−2	+6	−8	+3	+29	+1	−13	−2	+9	2	2.03
39333		08 02 28.35	−55 02 12.8	8.76		H	120.618 118 69	−55.036 883 49		1.17	−37.05	31.94	2.01	1.93	2.15	2.57	2.04	−3	+6	+10	+6	−10	+14	−10	−20	−3	−4	0	
39334		08 02 28.42	−65 13 12.9	11.68		H	120.618 405 36	−65.220 240 28		4.38	14.16	−23.15	3.96	4.03	4.41	3.33	4.64	−7	−6	+0	−42	−13	−9	−12	−14	+18	−39	1	
39335		08 02 28.59	+60 24 57.5	8.04		H	120.619 142 66	+60.415 959 23		15.13	−67.87	−33.07	0.60	0.60	0.95	0.56	0.59	−19	+14	−5	+16	+18	−11	+27	−34	+5	−1	0	−0.34
39336		08 02 28.77	−20 19 05.9	7.68		H	120.619 886 96	−20.318 311 71		5.01	−11.79	−4.67	0.68	0.61	0.93	0.91	0.88	+3	−14	−28	−11	+15	−24	+14	+12	−7	−12	0	0.25
39337	H	08 02 28.97	−02 08 08.3	9.14	2	G	120.620 727 65	−02.135 649 53	A	−2.20	0.84	−1.52	5.08	2.95	4.98	6.63	4.50	−40	+40	−22	−31	+23	−30	+9	+18	+3	−6	2	0.86
39338		08 02 29.65	−52 28 13.6	9.20		H	120.623 530 10	−52.470 447 62		12.65	−60.92	43.95	0.75	0.71	0.80	0.84	0.75	+1	+0	+7	−20	−4	−11	−1	+1	+0	−8	1	0.04
39339		08 02 30.56	−56 18 12.8	8.64		H	120.627 333 63	−56.303 564 68		1.63	−1.10	7.32	0.71	0.70	0.76	0.81	0.73	+1	+6	+5	−8	+0	+4	+0	−19	+0	+1	3	−0.50
39340	H	08 02 30.82	+63 05 25.2	6.09		H	120.628 429 41	+63.090 340 05	*	6.24	−12.01	−13.79	0.49	0.47	0.76	0.49	0.46	+3	+25	−23	+4	+11	−5	+16	−29	+12	+21	0	−1.07
39341		08 02 30.90	+15 10 42.0	8.81	2	H	120.628 761 02	+15.178 322 15		1.18	−4.58	−3.59	1.19	0.95	1.40	1.29	1.07	−19	+28	−42	−25	−13	−33	−32	+28	−13	−17	0	1.46
39342		08 02 31.41	−66 01 14.2	7.18		G	120.630 892 55	−66.020 622 00		57.88	−157.34	−130.52	0.50	0.54	0.58	0.47	0.66	−10	+11	−4	−14	−15	−14	−13	+3	+17	−37	0	1.38
39343		08 02 32.77	+12 27 08.1	7.55		H	120.636 524 36	+12.452 239 52		3.58	−13.76	−2.41	0.95	0.72	1.07	1.08	0.90	−25	+39	−34	−31	+17	−27	+2	−17	−14	−13	0	−0.54
39344		08 02 33.48	+21 52 19.3	7.97		H	120.639 500 06	+21.872 032 62		1.75	8.56	−0.63	1.02	0.59	1.17	1.03	0.59	−52	+44	−25	−19	+0	−33	+5	−24	+30	−69	0	0.24
39345		08 02 35.52	+69 50 29.7	9.40	1	H	120.647 997 81	+69.841 570 83		1.03	−1.57	5.93	0.69	0.85	1.25	0.75	0.95	+29	+17	+9	+15	−11	+1	−13	+5	−4	+21	0	−1.95
39346		08 02 35.67	−25 02 12.7	7.40		H	120.648 617 55	−25.036 871 65		12.67	35.50	−24.91	0.41	0.48	0.82	0.44	0.52	−4	+4	−13	+24	+19	−12	+19	−17	−5	+0	2	1.03
39347		08 02 35.71	−15 16 26.3	9.15		H	120.648 782 77	−15.273 963 27		0.95	−7.73	4.90	0.86	0.77	1.23	1.04	1.06	−15	+23	−23	−14	−4	−10	−3	+2	+6	−28	0	0.41
39348		08 02 35.82	+57 16 25.6	6.48	1	H	120.649 262 48	+57.273 770 91		9.84	−38.28	−59.08	0.56	0.47	0.73	0.78	0.63	−10	+13	−9	−12	−19	+2	−18	−14	+2	−5	0	0.42
39349		08 02 36.74	−46 49 21.5	8.12		G	120.653 099 18	−46.822 628 93		2.59	−6.64	5.10	0.58	0.53	0.65	0.69	0.50	−2	−5	+18	+0	−7	−9	−5	−16	+2	−3	0	−0.60
39350		08 02 36.90	−55 15 12.7	8.53		H	120.653 739 29	−55.253 537 69		2.25	3.39	−3.21	0.80	0.70	0.83	0.97	0.73	−1	+10	+11	+14	−3	+14	−3	−10	+7	+0	0	−0.72
39351		08 02 36.94	+15 54 55.0	7.81		H	120.653 912 43	+15.915 274 07		3.34	0.39	1.38	1.08	0.74	1.11	1.19	0.88	+4	+20	−33	−29	−21	−22	−31	+21	−3	+6	0	1.89
39352	H	08 02 37.42	−27 32 39.5	6.89	1	H	120.655 923 46	−27.544 293 06	A	3.12	−10.04	−4.09	0.57	0.81	1.11	0.60	0.84	+14	+2	−1	−13	+0	+17	+0	−9	+9	+7	1	0.54
39353		08 02 37.52	−36 24 04.5	6.59		H	120.656 347 58	−36.401 248 79		6.31	−18.60	8.42	0.39	0.46	0.55	0.43	0.57	+12	+0	+6	+3	−2	+3	−0	−26	−7	+10	1	−0.83
39354		08 02 40.26	−02 23 49.7	7.69		H	120.667 740 13	−02.397 136 12		4.99	23.15	−5.98	1.05	0.60	1.18	1.38	0.95	−34	+47	−27	−16	+19	−37	+11	+22	+9	−9	2	1.82
39355		08 02 40.96	−49 57 02.1	6.61		G	120.670 653 77	−49.950 578 02		7.92	−25.11	48.63	0.53	0.53	0.56	0.69	0.69	+24	+16	+6	−29	−31	+10	−30	−47	−4	+38	0	0.80
39356		08 02 41.02	+71 05 52.4	9.01	1	H	120.670 911 88	+71.097 883 96		5.96	9.90	−4.92	0.72	0.89	1.25	0.79	0.99	+36	+3	−13	+11	−3	+10	−1	+5	−4	+48	1	0.42
39357		08 02 42.49	+48 35 33.3	7.26		H	120.677 033 81	+48.592 572 52		2.50	−8.98	−12.23	0.86	0.50	0.90	1.11	0.82	+14	+34	−3	+23	+2	−6	+4	+20	+9	+11	0	−0.03
39358		08 02 42.69	+14 56 57.6	7.30		G	120.677 868 95	+14.949 319 97		6.32	13.19	−0.20	0.91	0.67	1.05	1.12	0.82	−12	+28	−37	−23	−8	−32	−25	+20	−10	+1	0	−0.10
39359		08 02 43.41	+10 47 17.7	9.10		H	120.680 886 62	+10.788 237 27		−0.76	−4.89	0.43	1.30	0.88	1.37	1.42	1.17	−6	+23	−24	−42	+3	−18	−5	−12	−25	−13	0	1.26
39360		08 02 44.79	−41 18 35.5	5.52	1	H	120.686 620 49	−41.309 865 39		6.71	−6.11	15.23	0.42	0.41	0.54	0.47	0.41	−2	+12	−2	−12	−4	−19	+0	−26	+36	−14	1	−0.54
39361		08 02 45.48	+69 22 03.2	9.30		H	120.689 510 56	+69.367 562 74		10.24	18.82	−200.88	0.70	0.99	1.37	0.82	1.05	+45	+5	−9	+4	−18	+1	−18	−20	−10	+41	1	0.31
39362		08 02 46.43	−06 19 21.0	6.89		H	120.693 446 42	−06.322 496 97		5.05	−30.61	13.65	0.67	0.54	0.99	0.83	0.68	−22	+3	−25	+9	+20	−24	+15	+2	−19	−18	2	−0.21
39363		08 02 46.56	+54 07 52.5	7.54		H	120.694 017 86	+54.131 263 20		9.05	−10.37	0.26	0.67	0.50	0.90	0.88	0.79	−14	+24	−5	−17	−12	−6	−12	−1	+17	−3	0	−0.43
39364		08 02 48.11	−43 17 05.9	9.38		H	120.700 467 75	−43.284 966 25		11.93	−25.27	6.27	0.72	0.81	0.93	0.82	0.86	−8	+3	+16	−6	+10	+5	+9	−13	+6	−17	0	0.64
39365		08 02 50.56	−34 32 44.7	7.26	2	H	120.710 665 53	−34.545 751 06		1.78	−25.02	22.70	0.50	0.58	0.75	0.55	0.56	+10	+1	+5	+3	+6	+13	+3	−25	+12	+4	0	0.34
39366		08 02 51.46	+36 05 08.5	8.70		H	120.714 401 08	+36.085 694 76		4.15	−1.57	−5.97	1.06	0.64	1.16	1.44	1.03	−13	+31	−6	+3	+9	−8	+14	−11	+4	+11	2	−0.65
39367		08 02 53.58	−33 09 12.9	7.35		H	120.723 259 90	−33.153 572 53		1.27	−5.79	6.18	0.43	0.50	0.65	0.47	0.54	+15	+1	+5	+17	−9	+13	−12	−12	+10	+6	0	0.81
39368		08 02 53.82	−53 19 14.9	9.84		H	120.724 244 73	−53.320 807 52		3.97	−12.51	13.91	0.85	0.86	0.96	1.11	0.85	+0	+19	+18	+6	+16	−3	+11	−10	+4	−19	0	−1.60
39369		08 02 54.86	−36 13 11.2	7.73		H	120.728 582 02	−36.219 764 18		3.92	1.26	17.97	0.48	0.53	0.66	0.52	0.54	+8	+8	+7	+3	−1	−2	−3	−27	+0	−1	2	−1.81
39370	H	08 02 54.89	−40 13 34.7	7.74		H	120.728 725 73	−40.226 295 06	*	0.69	−4.05	4.09	0.51	0.54	0.64	0.54	0.59	−14	+8	+3	−11	+2	−3	+4	−7	+11	−32	3	−0.63
39371	H	08 02 55.72	−48 19 30.1	6.64		H	120.732 167 53	−48.325 014 21	A	1.56	−6.64	6.89	0.87	0.86	0.65	0.71	0.56	−1	+7	+1	+21	+2	+22	−1	−3	+8	+3	2	0.38
*39372		08 02 56.39	+70 27 46.5	10.34		H	120.734 954 62	+70.462 921 83		1.57	−3.37	−7.64	1.84	2.24	3.27	2.00	2.37	+29	+0	−7	−12	−15	+2	−14	−9	−1	+24	0	
*39373		08 02 56.22	−40 24 09.3	6.97		H	120.734 263 31	−40.402 571 34		2.67	−20.64	7.32	0.48	0.49	0.61	0.52	0.56	−9	+3	+1	−10	−1	+5	−1	−6	+16	−24	1	0.28
39374		08 02 56.72	−66 12 42.8	8.36	2	H	120.736 352 45	−66.211 899 07		0.54	−1.14	6.40	0.66	0.68	0.73	0.68	0.81	−2	+12	−4	−25	−14	−12	−11	+1	+8	−25	0	−0.60
39375		08 03 01.22	−02 43 49.8	8.69		H	120.755 087 37	−02.730 495 68		3.19	−4.15	0.93	1.13	0.71	1.24	1.55	1.02	−35	+34	−29	−14	+12	−30	+5	+9	+9	−18	0	1.98
39376		08 03 01.65	−36 35 48.1	9.55	3	T	120.756 877 74	−36.596 688 51		2.75	2.30	16.19	0.84	0.92	1.16	1.06	1.11	+14	−1	+1	+0	−4	+9	−6	−12	+9	+1	0	−0.28
39377		08 03 01.66	−31 50 20.3	9.05		H	120.756 914 04	−31.838 969 00		4.23	−9.16	9.84	0.71	0.92	1.17	0.80	0.91	+0	+1	+21	+13	−2	−5	−3	−13	−2	−6	0	−0.37
39378	H	08 03 03.50	+61 37 52.4	8.11		G	120.764 590 80	+61.631 233 89	A	5.91	1.47	−36.98	1.03	0.94	1.39	0.89	0.86	−8	+21	−14	+31	+33	+2	+55	−28	+23	+38	0	−0.32
39379		08 03 03.53	−65 19 33.0	8.99		H	120.764 692 39	−65.325 843 78		5.92	13.61	−22.70	0.72	0.77	0.84	0.62	0.91	−17	−2	+0	−15	−19	−7	−22	+6	+13	−43	0	0.79
39380		08 03 04.17	−32 27 48.9	5.83		G	120.767 374 45	−32.463 570 97		6.29	−13.05	9.61	0.36	0.42	0.56	0.39	0.43	+13	−8	+5	+11	−6	+7	−9	−15	+6	+3	0	−0.12
39381	H	08 03 04.36	−07 26 41.6	9.64		G	120.768 174 05	−07.444 887 39	A	−0.93	−3.11	0.85	1.75	1.46	2.18	1.82	1.48	−46	+32	−30	−16	+25	−27	+17	+11	−8	−31	2	0.51
39382		08 03 06.43	+32 51 51.3	10.20		H	120.776 807 47	+32.864 251 39		5.65	−0.92	−23.64	1.78	1.08	1.78	2.12	1.63	−33	+9	−18	−36	−5	+14	−9	−9	−2	−31	0	0.74
39383	H	08 03 06.62	−06 24 52.1	9.27		G	120.777 571 23	−06.414 466 54	A	18.70	−61.71	43.10	3.23	2.32	3.59	3.63	2.70	−28	+3	−13	+32	+7	−23	+5	+22	−1	−27	2	1.36
39384		08 03 07.03	+45 37 08.7	7.92		H	120.779 301 43	+45.619 079 03		7.81	−43.33	−29.52	1.12	0.54	1.05	1.51	0.97	+35	+37	+22	−26	−23	−6	−25	−8	−8	+16	0	−1.73
39385		08 03 07.20	−41 07 33.9	6.83	1	H	120.780 013 16	−41.126 071 77		4.78	−29.34	22.85	0.44	0.46	0.58	0.49	0.52	−7	+12	−1	−5	−5	−14	−2	−15	+32	−19	0	−0.58
39386		08 03 07.54	−62 07 58.2	8.11		H	120.781 409 30	−62.132 838 41		3.59	−3.70	10.61	0.57	0.50	0.58	0.65	0.52	−2	+5	+5	+13	−3	+12	−4	−2	+11	−8	0	1.76
39387	H	08 03 08.65	+24 35 22.9	8.94		G	120.786 023 67	+24.589 694 55	A	3.31	−14.32	−11.65	1.64	1.26	1.68	1.82	1.08	−52	+7	+3	−6	−1	−23	+2	−14	+25	−59	2	−0.15
39388		08 03 09.51	+65 08 09.3	7.72		H	120.789 624 40	+65.135 920 54		8.77	−7.51	−55.26	0.61	0.60	0.89	0.65	0.62	−2	+17	−13	+14	+7	−2	+12	−17	+3	+17	2	2.04
*39389		08 03 10.84	−24 36 23.8	7.72		H	120.795 148 95	−24.606 618 70		4.08	142.24	−92.59	0.49	0.59	0.94	0.51	0.60	−7	+0	−16	+18	+23	−25	+23	−20	−1	+3	0	0.08
*39390	H	08 03 10.44	−38 11 47.6	9.03	2	H	120.793 505 67	−38.196 557 75	A	0.37	−7.73	3.00	1.74	2.05	1.99	1.68	2.01	+4	+5	+14	−6	+3	−5	+3	−22	+3	−9	5	3.10
39391		08 03 10.94	−54 00 51.2	8.68		H	120.795 587 84	−54.014 216 65		20.90	−1.41	−86.53	0.75	0.72	0.82	0.97	0.71	+0	+12	+14	+14	+3	−4	+1	−15	+0	−11	3	1.59
39392		08 03 11.36	+33 35 46.4	10.16		G	120.797 324 63	+33.596 213 05		29.27	−111.59	109.91	1.92	1.20	2.06	2.57	1.80	−27	+12	−26	−20	−25	+25	−28	+13	−5	−14	0	−0.01
39393		08 03 11.87	+27 55 54.6	8.01		G	120.799 446 50	+27.931 841 57		14.36	−103.67	22.22	0.85	0.56	0.94	0.97	0.67	−27	+38	−8	+1	+0	−2	−5	−22	−9	−32	0	0.55
39394		08 03 12.72	+46 13 03.1	8.37		G	120.803 018 44	+46.217 520 01		5.87	6.55	−13.46	1.05	0.58	1.13	2.05	1.23	+26	+8	+5	+12	+6	+22	+5	+19	+33	+54	0	0.27
39395		08 03 13.32	+66 11 21.0	9.37		H	120.805 481 12	+66.189 175 87		2.51	−1.76	−2.74	0.91	0.91	1.36	0.97	0.97	+18	+12	−2	+44	−8	+1	+4	−1	−9	+43	2	1.69
39396		08 03 13.81	−46 16 57.1	8.10		H	120.807 560 74	−46.282 522 58		5.21	−1.57	24.69	0.58	0.55	0.65	0.65	0.52	−9	+7	+19	−20	+5	−11	+7	−29	+6	−18	0	1.22
39397		08 03 14.06	−16 17 58.3	9.09		H	120.808 575 62	−16.299 535 83		2.64	−5.48	2.21	0.72	0.66	1.08	0.92	0.97	−5	+12	−14	−22	+5	−9	+6	−13	+4	−25	0	0.23
39398		08 03 14.50	+09 56 34.3	7.48	1	H	120.810 420 64	+09.942 850 26		2.19	−3.76	−7.16	1.02	0.75	1.33	1.13	0.93	−5	−4	−28	−21	+5	−42	−5	+5	−28	−8	0	−0.63
39399		08 03 15.17	−27 16 15.9	8.09		H	120.813 211 81	−27.271 073 07		2.30	−12.38	1.69	0.46	0.64	0.98	0.51	0.70	+8	−7	−10	+3	+2	+19	+2	−20	+16	+5	0	−0.12
39400		08 03 17.91	+37 22 12.9	8.73		H	120.824 625 50	+37.370 243 22		20.40	−38.86	22.40	1.05	0.72	1.20	1.24	0.94	−26	+34	−31	−6	−2	−20	−10	−8	−4	−17	0	1.10

No.	Tycho Magnitudes					Colour Indices							Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag			Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3		44	45	46	47	48	49	50	51	52-4	55	56-7 58-61	62	63	64	65	66	67	68-70
39301	8.538	0.009	8.312	0.009	*	0.216	0.012	T	0.24	0.01	L *		8.3436	0.0018	0.017	167	*	8.31	8.38		D	08020+5437	I 1	2 C	A	AB	306	0.287	0.013	1.42	0.13	S
39302	8.806	0.021	6.939	0.010		1.552	0.018	T	1.57	0.02	L		6.9055	0.0015	0.008	47		6.89	6.92		C			1						S
39303	11.131	0.076	9.310	0.027		1.515	0.064	T	1.55	0.10	L		9.3289	0.0026	0.021	82		9.29	9.37					1						
39304	8.618	0.010	8.712	0.013		−0.080	0.014	T	−0.06	0.02	L		8.6967	0.0017	0.017	141		8.67	8.73		C			1						
39305	9.769	0.017	9.227	0.016		0.508	0.021	T	0.58	0.02	L		9.2792	0.0025	0.022	135		9.23	9.33					1						
39306	8.897	0.015	7.813	0.011		0.933	0.002	G	0.93	0.00	K		7.8572	0.0013	0.010	83		7.84	7.87		C			1						S
39307	10.120	0.037	9.556	0.036		0.528	0.046	T	0.60	0.05	L		9.6446	0.0025	0.024	113		9.61	9.68					1						
39308	8.868	0.015	8.945	0.020		−0.066	0.023	T	−0.04	0.02	L		8.9439	0.0009	0.012	71		8.93	8.97		D			1						
39309	10.018	0.029	10.381	0.057		−0.304	0.004	G	−0.33	0.01	H		10.2456	0.0031	0.031	81		10.18	10.30					1 G						G
39310	6.675	0.007	6.707	0.008	*	−0.029	0.002	G	−0.01	0.00	H *		6.7228	0.0067	0.061	111	*	6.65	6.82	1.11	P 1 A	08023−5532	H 1	2 C	B	AB	50	0.412	0.016	3.06	0.10	S
39311	6.029	0.006	4.531	0.003		1.252	0.008	G	1.27	0.02	A		4.5441	0.0010	0.006	42		4.53	4.56		C	08022+0221	I 1	1							S
39312	8.152	0.008	7.908	0.009		0.235	0.015	G	0.26	0.02	H		7.9509	0.0009	0.010	109		7.93	7.97		D			1	S						S
39313	7.317	0.004	6.911	0.005		0.384	0.006	T	0.45	0.01	L		6.9602	0.0006	0.008	167		6.95	6.97		C			1							S
39314	8.907	0.013	9.010	0.018		−0.070	0.015	G	−0.05	0.01	H		9.0041	0.0017	0.017	112		8.98	9.03		C			1						
39315	9.928	0.022	8.803	0.014		0.969	0.020	T	0.95	0.02	L		8.8393	0.0017	0.017	125		8.82	8.86		C			1						
39316	7.887	0.007	7.962	0.008		−0.064	0.010	T	−0.04	0.01	L		7.9348	0.0013	0.013	156		7.91	7.97			08023−2604	I 1	1	S						S
39317	9.519	0.022	8.342	0.014		1.009	0.020	T	0.98	0.02	L		8.3968	0.0017	0.014	94		8.37	8.43					1						
39318	10.094	0.022	9.078	0.015		0.886	0.020	T	0.89	0.01	L		9.1392	0.0016	0.022	143		9.09	9.18					1						
39319	10.816	0.045	9.234	0.019		1.326	0.038	T	1.29	0.04	L		9.2523	0.0024	0.021	107		9.21	9.28					1						
39320	9.904	0.024	9.763	0.029		0.100	0.020	G	0.11	0.02	H		9.8423	0.0022	0.024	135		9.80	9.89		C			1						G
39321	8.508	0.011	8.552	0.014		−0.037	0.015	T	−0.01	0.01	L		8.5652	0.0022	0.015	94		8.55	8.59		C			1						
39322	9.913	0.044	8.736	0.027		1.009	0.040	T	0.98	0.03	L		8.7849	0.0025	0.013	43		8.76	8.82					1						
39323	8.660	0.010	7.390	0.006		1.090	0.015	G	1.05	0.02	H		7.4269	0.0011	0.010	137		7.41	7.45					1						S
39324	10.258	0.027	8.984	0.016		1.085	0.025	T	1.05	0.02	L		9.0218	0.0018	0.014	107		8.99	9.06		C			1						
39325	8.480	0.023	7.728	0.020	A	0.709	0.126	G	0.72	0.03	L *		7.6908	0.0014	0.009	41	*	7.67	7.70		D	08024+0409	I 1	2 C	A	AB	273	1.369	0.008	1.37	0.03	S
39326	7.073	0.006	6.400	0.005		0.615	0.012	G	0.67	0.02	A		6.4631	0.0007	0.006	85		6.45	6.47		C			1						S
39327	9.365	0.014	8.640	0.012		0.651	0.014	T	0.71	0.01	L		8.6972	0.0019	0.023	177		8.66	8.73					1						
39328	10.914	0.055	10.466	0.061							T		10.3931	0.0063	0.056	104		10.23	10.47		D	08025−5502	I 2	1 X	S						G
39329	6.485	0.005	6.498	0.007	*	−0.049	0.011	G	−0.03	0.01	H *		6.5281	0.0026	0.019	121	*	6.50	6.55	2.22	P 1 A	08025−4440	I 1	2 C	A	AB	301	2.382	0.009	2.70	0.04	S P
39330	8.316	0.010	7.590	0.009		0.655	0.005	G	0.72	0.00	H		7.6489	0.0008	0.010	129		7.63	7.67		C			1						S
39331	8.795	0.008	8.940	0.012		−0.130	0.015	G	−0.12	0.02	H		8.9272	0.0015	0.024	207		8.89	8.97					1						
39332	9.396	0.028	9.056	0.028	*	0.323	0.037	T	0.37	0.05	L *		9.8109	0.0022	0.025	142	*	9.76	9.86		D	08025−3434	I 1	2 C	A	BA	338	2.979	0.005	0.17	0.02	G
39333	10.156	0.026	8.893	0.015		1.117	0.134	G	0.96	0.03	L		8.9297	0.0019	0.016	106		8.90	8.96		D	08025−5502	I 2	1 X	S						
39334											T		11.8232	0.0091	0.077	97		11.70	11.96					1 X	S						G
39335	8.783	0.010	8.109	0.009		0.624	0.011	T	0.69	0.01	L		8.1763	0.0013	0.013	148		8.15	8.20					1							S
39336	7.793	0.008	7.699	0.009		0.092	0.011	T	0.10	0.01	L		7.7185	0.0012	0.012	88		7.70	7.75		C	08025−2019	I 1	1							S
39337	11.167	0.082	10.646	0.080	A	2.730	0.015	G	2.73	0.01	J *		10.5916	0.0062	0.048	83	*	10.50	10.66		U	08025−0208	H 1	2 C	C	AB	264	2.521	0.067	2.14	0.25	
39338	9.906	0.020	9.252	0.018		0.598	0.020	T	0.67	0.02	L		9.3313	0.0024	0.021	121		9.30	9.38					1						
39339	9.997	0.024	8.731	0.014		1.079	0.022	T	1.04	0.02	L		8.8073	0.0018	0.016	112		8.78	8.83		C			1						
39340	6.913	0.004	6.154	0.004	*	0.580	0.015	G	0.65	0.01	H *		6.2135	0.0005	0.008	138	*	6.20	6.23		D	08026+6305	I 1	2 C S	A	AC	348	0.159	0.003	0.51	0.12	S
39341	10.807	0.075	9.011	0.028		1.495	0.063	T	1.52	0.09	L		8.9377	0.0263	0.127	49		8.80	9.28	96.64	P 1 A			1	S						
39342	8.284	0.011	7.253	0.006		0.872	0.002	G	0.92	0.00	H		7.3149	0.0012	0.011	114		7.30	7.33					1							S
39343	8.878	0.019	7.672	0.012		1.032	0.018	T	1.00	0.01	L		7.7134	0.0016	0.010	52		7.70	7.73		C	08025+1227	I 1	1	S						S
39344	9.861	0.017	8.118	0.008		1.453	0.015	T	1.46	0.02	L		8.1013	0.0013	0.016	148		8.08	8.13					1						
39345	9.602	0.013	9.421	0.016		0.173	0.019	T	0.19	0.02	L		9.4626	0.0022	0.032	229		9.41	9.51		U			1						
39346	7.801	0.006	7.426	0.005		0.355	0.007	T	0.42	0.01	L		7.4807	0.0007	0.009	212		7.47	7.51					1							S
39347	9.334	0.016	9.162	0.019		0.165	0.023	T	0.18	0.02	L		9.2059	0.0022	0.020	116		9.17	9.24		C			1						
39348	7.249	0.005	6.558	0.004		0.649	0.003	G	0.71	0.00	H		6.6152	0.0012	0.011	122		6.60	6.63		M			1							S P
39349	8.047	0.007	8.126	0.009		−0.061	0.015	G	−0.04	0.01	H		8.1151	0.0011	0.011	125		8.09	8.13		C			1						
39350	10.006	0.025	8.687	0.015		1.120	0.023	T	1.08	0.02	L		8.7034	0.0013	0.014	99		8.68	8.74		C			1						
39351	9.442	0.022	7.945	0.012		1.260	0.020	T	1.22	0.02	L		7.9739	0.0013	0.009	53		7.96	7.99		C			1							S
39352	7.782	0.006	6.946	0.004	*	0.752	0.005	T	0.80	0.00	L *		7.0373	0.0011	0.016	261	*	7.02	7.08		U 2	08027−2733	I 1	2 C	A	AB	244	7.190	0.003	1.40	0.01	S
39353	6.900	0.005	6.627	0.005		0.257	0.007	T	0.29	0.01	L		6.6613	0.0008	0.008	161		6.65	6.67		C			1 G							S
39354	8.223	0.013	7.735	0.011		0.459	0.015	T	0.53	0.02	L		7.7903	0.0011	0.010	77		7.77	7.81		C			1							S
39355	7.048	0.005	6.650	0.005		0.374	0.003	G	0.44	0.00	H		6.6952	0.0007	0.006	109		6.68	6.71		C			1 G							S
39356	10.172	0.021	9.109	0.014		0.921	0.019	T	0.92	0.01	L		9.1732	0.0026	0.029	185		9.14	9.23		U			1						
39357	9.226	0.015	7.416	0.007		1.507	0.013	T	1.54	0.02	L		7.3878	0.0013	0.009	96		7.37	7.41		C			1							S
39358	7.632	0.010	7.312	0.008		0.308	0.015	G	0.35	0.02	H		7.3700	0.0010	0.005	46		7.36	7.39					1							S
39359	9.219	0.021	9.104	0.025		0.111	0.031	T	0.12	0.03	L		9.1427	0.0020	0.014	55		9.11	9.17		C			1						
39360	5.330	0.002	5.481	0.003		−0.152	0.002	G	−0.15	0.00	H		5.4622	0.0016	0.012	126		5.45	5.48	2.00	P 1 A	08027−4119	I 1	1							S P
39361	10.151	0.019	9.393	0.016		0.692	0.020	T	0.75	0.02	L		9.4417	0.0024	0.031	245		9.39	9.51					1							
39362	8.210	0.010	6.985	0.007		1.047	0.010	T	1.02	0.01	L		7.0571	0.0008	0.007	85		7.04	7.07		C			1							S
39363	7.737	0.008	7.574	0.008		0.156	0.011	T	0.17	0.01	L		7.5952	0.0010	0.012	134		7.57	7.61		C			1							S
39364	10.053	0.023	9.406	0.021		0.593	0.023	T	0.66	0.02	L		9.5099	0.0020	0.023	141		9.47	9.55					1							
39365	9.406	0.014	7.481	0.006		1.632	0.013	T	2.34	0.05	O		7.3008	0.0080	0.081	141		7.20	7.45		U 2 C			1	S						S
39366	9.961	0.030	8.828	0.019		0.975	0.028	T	0.96	0.02	L		8.8669	0.0024	0.014	77		8.84	8.90					1							
39367	7.180	0.005	7.320	0.006		−0.130	0.004	G	−0.12	0.01	H		7.3093	0.0009	0.009	169		7.30	7.33					1							S
39368	10.287	0.028	9.889	0.030		0.377	0.038	T	0.44	0.04	L		9.9248	0.0026	0.022	117		9.88	9.97		C			1							G
39369	9.017	0.011	7.833	0.007		1.015	0.010	T	0.99	0.01	L		7.8953	0.0010	0.010	162		7.88	7.92		C			1							
39370	7.680	0.008	7.734	0.008	*	−0.046	0.010	T	−0.02	0.01	L *		7.7362	0.0010	0.011	127	*	7.72	7.76		D	08029−4014	H 1	2 C S	A	AB	280	0.118	0.006	0.68	0.36	S
39371	6.432	0.004	6.606	0.006	*	−0.152	0.006	T	−0.15	0.01	L *		6.5815	0.0010	0.009	116	*	6.56	6.60		D	08029−4820	H 1	2 C	A	AB	352	0.403	0.016	3.32	0.09	S
39372	11.748	0.081	10.422	0.039		1.125	0.070	T	1.09	0.07	L		10.5125	0.0035	0.040	201		10.45	10.58		C			1 X							G
39373	8.468	0.011	7.089	0.007		1.167	0.010	T	1.13	0.01	L		7.1350	0.0010	0.009	119		7.12	7.15		C			1							S
39374	10.605	0.037	8.577	0.013		1.680	0.031	T	1.70	0.03	L		8.4631	0.0026	0.018	104		8.43	8.49		U 2			1							
39375	8.653	0.014	8.679	0.017		−0.029	0.017	G	−0.01	0.02	H		8.6936	0.0016	0.012	68		8.67	8.72		C			1							
39376	10.451	0.034	9.627	0.027		0.743	0.033	T	0.79	0.02	L		9.6606	0.0366	0.281	153		9.32	10.15		U 2 C			1	S						G P
39377	10.435	0.031	9.180	0.017		1.070	0.028	T	1.03	0.02	L		9.2158	0.0024	0.026	158		9.17	9.26					1							
39378	8.548	0.010	8.145	0.010	*	0.401	0.001	G	0.47	0.00	H *		8.1902	0.0016	0.018	149	*	8.16	8.23		C	08031+6138	H 1	2 C	C	AB	100	0.765	0.032	3.79	0.18	S
39379	9.425	0.017	9.014	0.017		0.389	0.022	T	0.45	0.02	L		9.0789	0.0018	0.020	94		9.05	9.11		C			1							
39380	7.407	0.005	5.947	0.003		1.225	0.003	G	1.21	0.04	E		5.9819	0.0006	0.007	177		5.97	5.99		C	08031−3228	I 1	1							S
39381	9.409	0.021	9.477	0.030	A	0.097	0.150	G	−0.10	0.06	L *		9.3212	0.0029	0.020	79	*	9.29	9.36		D	08031−0727	H 1	2 C	A	AB	212	9.392	0.010	2.00	0.06	G
39382	10.853	0.058	10.341	0.055		0.481	0.072	T	0.55	0.08	L		10.3016	0.0034	0.021	73		10.27	10.34		C			1							G
39383	10.508	0.040	9.534	0.027	*	0.793	0.005	G	0.82	0.00	H *		9.4325	0.0023	0.018	84	*	9.40	9.47		D	08031−0625	I 1	2 C	A	AB	295	1.264	0.008	0.32	0.02	
39384	9.301	0.018	8.038	0.011		1.076	0.016	T	1.04	0.01	L		8.0876	0.0010	0.009	91		8.08	8.11		C			1							
39385	8.037	0.008	6.936	0.006		0.950	0.008	T	0.94	0.01	L		6.9923	0.0012	0.012	128		6.97	7.02		U 2			1							S
39386	8.096	0.008	8.119	0.010		−0.016	0.012	T	0.01	0.01	L		8.1138	0.0013	0.012	110		8.09	8.13		C			1							S
39387	9.267	0.021	8.947	0.023	*	0.306	0.015	G	0.35	0.02	H *		9.0137	0.0024	0.016	91	*	8.99	9.05		C	08031+2435	H 1	2 C	A	AB	10	0.555	0.018	3.29	0.10	
39388	8.166	0.008	7.756	0.007		0.388	0.010	T	0.45	0.01	L		7.8058	0.0015	0.015	123		7.78	7.83		C			1							S
39389	8.815	0.008	7.810	0.006		0.878	0.007	T	0.89	0.01	L		7.8730	0.0010	0.015	244		7.85	7.90					1							
39390	9.069	0.014	8.966	0.018	*	0.093	0.021	T	0.11	0.02	L *		9.0675	0.0033	0.031	136	*	9.02	9.15		U 2	08032−3812	I 1	2 C	A	AB	55	8.595	0.006	0.37	0.02	
39391	9.573	0.019	8.747	0.015		0.728	0.019	T	0.78	0.01	L		8.8193	0.0019	0.018	119		8.79	8.85		C			1	S						
39392	11.586	0.106	10.404	0.060		1.100	0.015	G	1.18	0.02	I		10.3524	0.0057	0.036	68		10.31	10.41					1							G
39393	8.545	0.012	8.045	0.011		0.481	0.015	G	0.55	0.02	H		8.1132	0.0011	0.009	89		8.10	8.13		C			1							S
39394	8.900	0.015	8.409	0.014		0.458	0.015	G	0.53	0.02	H		8.4685	0.0013	0.015	95		8.44	8.50					1							S
39395	10.537	0.032	9.446	0.020		0.943	0.029	T	0.93	0.02	L		9.5339	0.0028	0.027	146		9.48	9.59					1							
39396	8.689	0.011	8.165	0.010		0.501	0.011	T	0.57	0.01	L		8.2127	0.0013	0.011	130		8.19	8.23		C			1							
39397	8.952	0.014	9.067	0.019		−0.100	0.015	G	−0.08	0.02	H		9.0567	0.0022	0.020	118		9.03	9.09					1							
39398	9.599	0.036	7.704	0.016		1.574	0.031	T	1.59	0.03	L		7.5985	0.0028	0.019	48		7.56	7.62		U	08032+0957	I 1	1	S						S
39399	9.358	0.011	8.185	0.007		1.006	0.010	T	0.98	0.01	L		8.2519	0.0010	0.016	214		8.22	8.28					1							
39400	9.580	0.022	8.828	0.019		0.672	0.022	T	0.73	0.02	L		8.8661	0.0017	0.017	82		8.84	8.91					1							

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α deg (ICRS) (8)	δ deg (ICRS) (9)	(10)	Par. π mas (11)	μα* mas/yr (12)	μδ mas/yr (13)	σ α* mas (14)	σ δ mas (15)	σ π mas (16)	σ μα* mas/yr (17)	σ μδ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
39401	H	08 03 18.50	+26 16 03.4	7.07		H	120.827 074 39	+26.267 620 80	A	5.31	−11.65	−6.34	1.53	0.98	1.52	1.49	1.00	−41	+35	−15	−2	−4	+24	−8	−11	−23	−31	1	0.94
39402	H	08 03 19.18	+52 50 44.1	11.35		G	120.829 928 24	+52.845 570 72	*	32.07	363.44	−676.96	6.49	4.44	4.26	4.58	3.49	−31	+0	−15	−26	−17	+28	−19	−11	+9	+15	1	−0.75
39403		08 03 19.86	+08 19 13.3	9.19		H	120.832 753 94	+08.320 355 11		1.11	−10.86	−9.77	1.25	1.02	1.69	1.47	1.14	−12	+18	−51	−27	+10	−41	−17	+19	−18	−2	0	0.97
39404		08 03 20.30	+11 20 55.4	8.60		G	120.834 599 27	+11.348 735 75		3.64	−22.19	−8.01	1.59	1.10	1.69	1.70	1.21	+1	+24	−57	−59	−16	−6	−26	−4	−24	+9	0	0.25
39405		08 03 20.66	+07 07 28.2	8.68		G	120.836 081 37	+07.124 506 15		12.22	−26.12	−119.55	1.29	0.98	1.48	1.72	1.29	−19	+33	−32	+15	−10	+1	−14	+37	−3	+6	0	−0.47
39406		08 03 21.18	−69 58 17.8	6.76		G	120.838 242 04	−69.971 616 61		3.35	−11.38	11.70	0.52	0.47	0.52	0.65	0.53	+6	+8	+5	+11	−4	+1	−6	−2	−2	−8	0	−0.22
39407		08 03 21.48	+61 41 40.3	9.35	1	H	120.839 485 58	+61.694 536 38		12.62	−35.09	−19.10	0.82	0.69	1.25	0.86	0.88	+1	+29	+6	+16	+11	+2	+17	−22	+13	+1	1	1.38
39408		08 03 22.91	−38 38 19.2	7.86	2	H	120.845 469 17	−38.638 657 75		0.84	−1.22	−2.08	0.53	0.61	0.72	0.55	0.63	+5	−11	+17	+21	+4	−1	+0	−16	−3	−6	0	0.28
39409	H	08 03 23.90	−13 12 13.2	8.53		H	120.849 569 86	−13.203 660 13	A	15.11	−9.71	−13.47	2.55	2.33	2.71	2.53	2.33	−30	+2	−25	−5	+17	−28	+16	−10	−18	−10	5	0.21
39410	H	08 03 24.20	+21 51 01.1	10.24		H	120.850 825 77	+21.850 302 61	*	−0.93	−14.99	−22.25	4.31	2.83	2.38	2.19	1.22	−63	+30	−25	+2	−9	+2	−11	−2	+8	−50	2	−0.31
39411		08 03 24.53	−30 43 55.8	8.30		H	120.852 224 97	−30.732 179 96	A	5.36	−6.80	2.28	1.34	1.74	1.79	1.46	1.84	+4	−7	+21	+17	+17	+18	+11	+3	+1	+4	2	0.59
39412		08 03 24.58	+13 40 09.2	7.89		H	120.852 397 93	+13.669 211 59		5.84	2.30	−18.20	1.12	0.77	1.16	1.23	0.98	−8	+31	−19	−35	−17	−30	−26	+10	−6	−8	3	3.76
39413		08 03 25.21	−30 43 47.5	10.35		H	120.855 048 07	−30.729 864 20	B	1.04	−10.03	0.10	10.91	15.36	7.97	6.01	9.32	+6	−8	+17	+13	+15	+23	+9	+2	+1	+9	2	0.59
39414		08 03 26.54	+37 08 12.2	6.90		H	120.860 580 27	+37.136 728 75		4.40	−25.15	−18.27	0.78	0.53	0.89	0.91	0.70	−21	+34	−32	−6	+1	−17	−2	−7	+8	−7	0	0.15
39415		08 03 27.02	−37 08 31.2	9.37		H	120.862 568 43	−37.142 004 01		2.17	−33.83	19.80	0.71	0.90	1.04	0.74	0.95	+12	+14	+8	+0	−13	+4	−12	−25	+3	+13	0	−0.70
39416		08 03 27.62	+16 50 51.7	7.43		H	120.865 085 35	+16.847 693 23		4.74	25.07	−58.51	0.93	0.71	1.05	1.18	0.98	−21	+8	−17	+3	−18	−33	−26	+33	+10	−24	0	0.56
39417		08 03 28.71	−01 09 43.9	8.25		H	120.869 605 70	−01.162 204 01		18.17	−68.85	−207.70	0.95	0.62	1.24	1.24	0.98	−32	+28	−24	−3	+16	−30	−5	+34	−39	+11	0	0.44
39418		08 03 28.81	+12 10 53.2	6.74		H	120.870 036 67	+12.181 441 60		23.18	−126.25	−57.91	0.85	0.64	0.98	1.03	0.77	−15	+33	−40	−15	+14	−24	+1	+4	−12	+4	0	−0.21
39419		08 03 29.55	+52 45 26.3	7.92		H	120.873 131 41	+52.757 295 09		5.61	−4.55	−21.46	0.79	0.59	1.01	1.03	0.90	−2	+12	−13	−31	−17	+11	−16	−17	+12	−7	0	0.75
39420		08 03 29.62	−42 56 54.0	6.28		G	120.873 417 34	−42.948 320 58		4.18	−18.55	−2.68	0.44	0.43	0.54	0.47	0.43	+2	+1	+9	−7	−4	+7	−5	−12	+12	−5	0	0.63
39421		08 03 29.74	−49 29 55.0	6.63		H	120.873 902 49	−49.498 623 81		6.34	−57.10	27.99	0.54	0.49	0.59	0.67	0.49	+9	+16	+1	+10	−17	+15	−9	−26	+16	+19	2	0.97
39422		08 03 30.15	+21 18 11.7	11.91		G	120.875 640 23	+21.303 237 16		15.12	175.94	−170.49	3.44	1.96	3.91	4.04	2.22	−55	+45	−20	−7	−10	−31	+0	−12	+32	−71	2	2.03
39423		08 03 30.79	−31 21 26.3	10.29		G	120.878 300 18	−31.357 299 97		3.19	−3.35	2.07	0.97	1.22	1.67	1.32	1.41	−3	+5	+13	−19	+15	+16	+11	−27	−2	−14	1	1.30
39424		08 03 31.10	+27 47 39.9	4.94		H	120.879 579 82	+27.794 417 94		12.66	−28.53	−35.25	0.68	0.46	0.78	0.79	0.68	−30	+40	−12	−4	+8	−26	+3	−29	−10	−21	0	2.09
39425		08 03 32.12	−08 10 24.6	7.43		H	120.883 849 20	−08.173 509 15		19.10	−22.29	42.86	0.68	0.51	0.90	0.84	0.57	−18	+16	−28	+2	+3	−26	−5	+8	−6	−6	4	0.58
39426		08 03 32.40	+54 09 35.7	8.41		H	120.884 995 62	+54.159 907 26		6.34	−20.46	−51.49	0.81	0.56	1.01	1.03	0.90	+2	+27	+5	−22	−13	−5	−15	+2	+3	+4	0	1.08
39427		08 03 33.86	+14 05 25.3	7.62		H	120.891 103 86	+14.090 354 77		6.31	−11.49	−24.96	1.03	0.73	1.11	1.25	0.90	+0	+14	−37	−24	−21	−13	−32	+11	+3	+10	0	0.52
39428		08 03 34.13	+20 20 18.9	7.03		H	120.892 189 74	+20.338 592 50		6.78	13.37	−27.62	0.80	0.58	0.90	0.96	0.76	−25	+26	−19	+8	−10	−29	−20	+31	−7	−14	2	−1.48
39429		08 03 35.07	−40 00 11.5	2.21	1	H	120.896 125 61	−40.003 188 46		2.33	−30.82	16.77	0.41	0.40	0.51	0.44	0.41	−7	+2	+10	−1	+1	+8	+0	−8	+8	−13	1	−1.96
39430		08 03 36.47	+01 46 05.9	8.39		H	120.901 954 77	+01.768 295 49		2.21	4.62	−9.35	1.11	0.79	1.19	1.51	1.08	+3	+7	−17	+1	−15	−2	−19	+25	+7	+19	0	0.63
39431		08 03 37.67	−48 59 17.1	9.05		H	120.906 950 21	−48.988 081 84		2.10	−5.45	8.49	0.72	0.68	0.81	0.89	0.72	+7	+19	+1	−3	−8	+6	−3	−21	+18	+11	1	−0.23
39432		08 03 39.61	+53 12 29.7	8.59		H	120.915 059 67	+53.208 259 18		5.69	16.78	4.87	0.93	0.62	1.15	1.14	0.96	+5	+21	−11	−39	−21	+2	−18	−10	+14	+0	2	−0.84
39433		08 03 39.95	+36 20 41.7	6.89	2	H	120.916 470 78	+36.344 904 61		4.78	−14.17	−12.60	0.86	0.53	0.94	0.99	0.73	−14	+39	−23	−8	+0	−9	+0	−8	+7	+6	2	−0.47
39434		08 03 40.06	+17 43 33.3	7.80		H	120.916 925 26	+17.725 924 32		4.15	−14.03	−30.60	1.02	0.67	1.07	1.13	0.86	+14	−15	−31	−19	−10	−18	−12	+11	−10	−5	0	0.47
39435		08 03 40.18	+72 39 14.0	8.39		H	120.917 400 90	+72.653 886 49		4.67	−26.85	−44.45	0.57	0.71	0.96	0.64	0.76	+11	+23	−11	+8	−7	+1	−4	−5	+4	+26	0	0.13
39436		08 03 40.87	−24 28 35.3	11.28	2	G	120.920 309 83	−24.476 477 33		22.23	−41.43	51.05	1.55	1.83	3.16	1.57	1.90	+0	+7	−2	+20	+23	−16	+23	−14	+1	−2	1	
39437		08 03 41.47	+48 36 42.4	8.22		G	120.922 788 25	+48.611 790 51		8.02	−21.34	−29.17	1.01	0.56	0.99	1.32	0.93	+30	+36	+3	+33	+19	−4	+19	+26	+2	+33	0	1.03
39438		08 03 41.65	−60 54 27.3	8.29		H	120.923 534 75	−60.907 582 87		2.81	−4.25	11.44	0.60	0.60	0.64	0.63	0.58	−15	−17	+17	+10	+5	+0	+2	−11	+6	−20	0	−1.29
39439		08 03 42.03	−29 25 08.3	7.74		H	120.925 143 90	−29.418 967 02		2.23	−3.88	4.83	0.46	0.59	0.86	0.55	0.66	+8	+7	+10	+5	+3	+5	+2	−9	−3	+7	0	−0.59
39440		08 03 44.01	+38 09 34.4	9.74		H	120.933 370 67	+38.159 549 16		7.65	−3.32	−150.44	1.49	0.87	1.57	1.71	1.21	−11	+36	−12	−12	−11	−7	−12	−14	+3	−13	0	−0.26
39441		08 03 46.41	−34 35 31.9	9.42		H	120.943 391 85	−34.592 207 30		0.67	−9.31	−0.56	0.72	0.81	1.06	0.84	0.93	+7	+3	+4	+0	+6	+7	+6	−4	+6	+1	1	−0.54
39442		08 03 47.52	−66 20 36.1	8.72		H	120.948 008 80	−66.343 374 81		7.53	−26.57	40.14	0.68	0.77	0.81	0.80	0.97	−1	+9	+5	+2	−3	−26	−1	−4	−3	−12	0	3.11
39443		08 03 47.79	−31 26 27.9	10.43		H	120.949 130 66	−31.441 071 95		−0.85	−7.16	7.78	1.08	1.38	1.85	1.28	1.49	+5	+5	+21	−2	+12	+4	+7	−23	−12	−14	1	1.08
39444		08 03 48.67	+55 18 35.7	9.68		H	120.952 773 67	+55.309 922 90		11.96	117.05	−110.28	1.04	0.70	1.39	1.60	1.30	−14	+22	−10	−44	−27	+7	−37	−18	+6	+17	0	−1.46
39445		08 03 49.97	−64 37 45.1	8.27		H	120.958 221 21	−64.629 194 20		1.24	−4.54	13.74	0.57	0.57	0.65	0.50	0.64	−7	+21	+2	−31	−17	−24	−11	−5	+21	−42	1	1.79
39446		08 03 50.33	−22 41 53.8	8.57		H	120.959 724 12	−22.698 277 87		2.74	−2.45	−1.46	0.67	0.58	1.07	0.81	0.66	+28	+4	−6	−12	+4	−10	+6	−24	+3	+59	0	0.41
39447		08 03 50.50	+22 04 14.9	6.84		G	120.960 430 31	+22.070 814 59		5.14	−42.36	−3.12	0.79	0.46	0.87	0.80	0.46	−43	+40	−22	−11	−7	−17	−6	−19	+12	−60	0	0.28
*39448	H	08 03 51.07	−35 30 42.4	8.34		G	120.962 797 61	−35.511 784 18	A	0.89	−6.18	7.47	1.03	1.16	1.30	1.05	1.04	−10	−3	+6	+1	−6	−4	−5	−16	−6	−9	2	0.81
*39449		08 03 51.12	+44 12 59.1	8.60		H	120.962 988 17	+44.216 408 29		1.81	−12.45	−22.61	1.07	0.59	1.16	1.64	0.98	+7	+20	+0	+17	−13	+2	−12	+4	+13	+6	0	2.00
*39450		08 03 51.22	−30 58 05.0	9.25		H	120.963 412 76	−30.968 062 01		10.61	8.68	24.09	1.84	2.19	3.04	2.24	2.67	+1	+7	+11	+0	+12	+13	+9	−16	−3	−13	0	
*39451		08 03 51.17	−70 20 14.4	7.22		H	120.963 223 49	−70.337 342 49		4.18	−2.03	23.76	0.53	0.50	0.55	0.62	0.54	+11	+15	+15	−8	−10	+5	−7	−2	+4	−19	0	0.90
*39452		08 03 50.71	−31 33 07.0	9.70	2	H	120.961 296 28	−31.551 939 15		13.36	−70.51	143.46	5.42	6.38	8.63	6.29	7.40	+3	−9	+18	−17	+7	+6	+5	−23	−7	−13	0	
39453		08 03 52.14	+06 19 24.7	7.79		H	120.967 237 74	+06.323 536 70		7.38	0.95	−18.21	1.04	0.75	1.17	1.15	0.91	−11	+29	−30	−26	−21	−32	−38	+33	−7	−1	0	0.81
39454		08 03 52.96	−31 16 22.9	9.47		H	120.970 646 32	−31.273 035 73		0.64	−5.11	4.68	0.84	1.05	1.46	1.14	1.35	−3	+8	+11	−18	+16	+17	+13	−24	−10	−19	0	0.16
39455		08 03 53.25	−68 56 12.7	6.84		H	120.971 892 84	−68.936 873 70		4.79	−15.90	10.75	0.55	0.55	0.58	0.64	0.58	+3	+9	+23	−4	−15	−2	−16	−17	−7	−21	0	0.27
39456		08 03 53.68	+35 25 14.3	8.52		H	120.973 667 84	+35.420 628 73		4.72	3.08	−20.44	1.15	0.64	1.24	1.18	0.93	−10	+47	−15	−6	+0	−15	−3	+3	−2	−3	0	0.00
39457		08 03 53.84	−31 32 40.6	8.72		H	120.974 342 57	−31.544 618 16		12.69	−74.05	148.61	0.77	0.93	1.27	0.95	1.08	−1	−2	+11	+6	+9	+7	+4	−14	−12	−22	0	−0.53
39458		08 03 55.47	+03 23 55.6	7.86		G	120.981 118 60	+03.398 784 23		0.90	−8.48	−2.97	1.03	0.77	1.29	1.17	0.85	−36	+52	−57	−17	+15	−23	−16	+28	−27	+12	0	1.61
39459		08 03 55.70	+30 34 22.7	10.18		H	120.982 063 56	+30.572 965 65		7.08	−13.56	−23.91	1.43	1.13	1.76	1.96	1.33	−38	+9	−32	−6	+23	−27	+14	−22	−13	−31	0	1.46
39460		08 03 55.75	+16 38 43.2	8.72		H	120.982 300 14	+16.645 322 68		5.35	−11.01	−7.43	1.10	0.80	1.16	1.58	1.21	−1	+12	−1	+4	−16	−16	−16	+30	+23	+5	0	−1.09
39461		08 03 56.04	−47 48 57.0	7.43		H	120.983 495 32	−47.815 837 20		0.65	−1.97	11.29	0.56	0.48	0.59	0.66	0.46	+18	+6	+9	+21	−2	+10	−3	−13	+15	+13	3	0.84
*39462		08 03 57.56	−16 20 32.2	8.36		H	120.989 818 55	−16.342 278 15		2.61	−1.50	−18.33	0.70	0.59	1.02	0.87	0.85	−1	+22	−14	−23	+13	−17	+11	−25	+3	−19	0	−0.56
*39463		08 03 57.46	+43 50 22.0	7.44		G	120.989 409 41	+43.839 434 63		5.76	−23.56	−0.66	0.90	0.46	0.93	1.26	0.70	+2	+29	+1	+29	−19	−13	−22	+9	−2	−8	0	−0.58
39464		08 03 58.25	+47 05 49.2	10.45		H	120.992 722 43	+47.096 998 15		2.43	−11.61	−12.85	1.91	1.15	2.16	3.45	2.12	+21	+22	−15	+37	+17	+22	+27	+22	+23	+54	0	0.13
39465		08 03 58.86	+23 24 20.9	8.72		H	120.995 259 96	+23.405 818 10		2.70	−17.51	−4.26	1.09	0.65	1.19	1.07	0.65	−45	+47	−28	−6	−16	−14	−12	−10	+14	−65	0	−0.31
39466		08 04 01.04	+38 38 22.3	8.62		G	121.004 349 63	+38.639 540 93		4.21	−4.54	−17.36	1.24	0.70	1.29	1.42	0.93	−7	+40	−13	−16	−16	−7	−16	−15	+2	+2	0	1.23
39467		08 04 01.14	−15 40 26.0	8.52		G	121.004 731 15	−15.673 892 99		4.14	−6.89	3.14	0.69	0.62	1.08	0.87	0.91	+0	+29	−17	−19	+8	−14	+6	−17	+1	−16	0	1.77
39468		08 04 01.32	−26 58 24.3	7.17		H	121.005 519 18	−26.973 425 38		17.42	−24.55	41.90	0.45	0.52	0.78	0.49	0.53	+8	+0	−21	+31	+4	+18	+3	−28	+18	+2	0	1.56
39469		08 04 01.47	+08 16 10.7	8.13		G	121.006 116 58	+08.269 646 80		2.19	−14.21	−11.19	1.08	0.75	1.26	1.28	0.91	−12	+33	−36	−44	+10	−40	−12	−4	−24	+8	0	0.33
39470		08 04 01.88	−35 16 33.5	10.90		H	121.007 818 44	−35.275 980 57		23.03	9.39	−82.17	1.04	1.15	1.51	1.21	1.18	−1	+3	+13	−5	+7	+5	+4	−22	−3	−8	0	−0.07
39471		08 04 03.26	+04 01 32.7	8.57		H	121.013 565 19	+04.025 754 91		3.32	−8.98	−2.82	1.04	0.87	1.24	1.27	1.09	−19	+18	−30	+1	−9	−33	−23	+42	−10	−14	0	0.70
39472		08 04 04.42	−19 22 02.2	9.23		H	121.018 421 81	−19.367 286 91		2.73	−2.44	6.46	1.03	0.91	1.19	1.41	1.55	−33	+6	−8	−40	+18	+0	+30	−2	−6	−55	0	2.12
39473		08 04 04.89	−29 10 23.9	7.38		H	121.020 377 64	−29.173 303 60		3.88	−3.29	2.82	0.42	0.55	0.84	0.51	0.64	+6	+3	+18	+8	+3	+9	+0	−11	−9	−1	2	0.87
39474		08 04 05.03	−21 22 35.0	7.82		H	121.020 968 58	−21.376 398 70		1.85	12.29	−13.63	0.70	0.68	0.94	0.94	0.97	−3	+7	−18	+11	+16	−8	+16	+9	−6	−2	0	0.85
39475		08 04 05.49	−03 55 01.7	9.05		H	121.022 895 21	−03.917 128 96		−0.87	4.65	1.47	1.07	0.82	1.43	1.45	1.02	−49	+29	−34	+27	+7	−28	+0	+20	+10	−42	0	0.54
39476		08 04 05.77	−21 48 59.2	8.03		G	121.024 056 51	−21.816 456 98		7.93	−6.41	−21.04	0.66	0.60	0.93	0.83	0.71	+12	+2	−8	−5	+12	−10	+13	−18	−4	+30	0	0.47
39477		08 04 06.03	+13 41 14.6	6.72		H	121.025 126 12	+13.687 396 69		8.79	−117.49	50.95	0.82	0.60	0.92	0.95	0.76	−19	+35	−27	−16	−13	−29	−24	+24	−1	−12	0	0.39
39478		08 04 06.12	+42 25 15.6	9.21		H	121.025 520 74	+42.420 999 56		4.47	−14.28	−29.29	1.26	0.64	1.34	1.76	0.98	+0	+30	−7	+24	−7	+1	−13	−2	−16	−5	2	−0.37
39479	H	08 04 07.48	−49 54 32.5	9.18		H	121.031 153 52	−49.909 040 88	B	−0.26	−5.60	8.51	3.39	3.30	2.04	2.43	1.70	+4	+7	+1	−3	−1	+12	+1	−2	+25	−19	1	−0.77
39480	H	08 04 08.39	+33 01 50.7	6.70		H	121.034 972 13	+33.030 736 13	A	6.00	−9.47	3.39	1.68	1.24	1.44	1.71	1.39	−21	+13	−14	−8	−23	+20	−25	+18	+0	−44	0	0.20
39481		08 04 08.55	−36 24 44.7	8.70		H	121.035 613 49	−36.412 413 38		13.20	−23.38	45.01	0.62	0.72	0.86	0.66	0.75	+12	+6	−3	−16	−5	+6	−5	−31	+10	+4	0	0.36
39482		08 04 08.62	−10 25 43.2	7.70		H	121.035 926 92	−10.428 660 16		4.22	−1.61	−25.89	0.83	0.62	1.01	0.99	0.71	−20	+27	−32	+5	+2	−6	+0	+1	−5	+2	0	−0.11
39483		08 04 10.13	−04 49 37.0	7.61	1	H	121.042 227 52	−04.826 941 40		−0.60	−2.87	−1.74	0.77	0.57	0.95	0.99	0.70	−34	+22	−25	+44	−5	−21	−9	+40	+5	−20	0	0.51
39484		08 04 11.29	+67 40 19.8	7.92		H	121.047 035 44	+67.672 170 21		3.27	−23.58	−0.65	0.49	0.64	0.94	0.49	0.72	+21	+10	−6	−35	−26	+7	−29	−13	−1	+29	0	−0.76
39485		08 04 13.06	−42 18 52.4	8.89		H	121.054 398 61	−42.314 553 05		4.57	−1.58	−2.75	0.71	0.73	0.91	0.75	0.86	+5	−5	+8	−16	−6	+10	−6	−2	+17	−7	0	0.01
39486	H	08 04 14.08	−01 51 10.1	8.04		H	121.058 664 07	−01.852 813 12	A	3.81	−4.00	−2.54	1.46	0.91	1.62	1.80	1.28	−24	+37	−14	−13	+9	−1	−7	+16	−19	+7	1	−0.31
39487		08 04 16.19	−32 40 29.4	5.25	2	H	121.067 472 64	−32.674 846 84		1.39	−5.31	7.48	0.36	0.45	0.58	0.39	0.44	+20	−7	+9	+1	−9	+11	−13	−30	+6	+12	0	−0.96
39488		08 04 16.40	+10 51 24.3	8.07		H	121.068 329 85	+10.856 763 60		7.32	−37.50	−2.36	1.22	0.87	1.44	1.23	1.01	−23	+50	−48	−44	+8	−31	−23	+4	−35	+3	0	2.38
39489		08 04 16.77	+47 56 52.6	8.56		H	121.069 883 31	+47.947 937 33		3.04	−26.70	−38.53	1.14	0.66	1.23	1.88	1.28	+30	+23	+15	+11	−3	+19	−1	+22	+30	+37	0	−1.21
39490		08 04 21.13	+10 14 58.5	7.85		H	121.088 024 86	+10.249 584 24		4.19	−8.24	2.65	1.07	0.81	1.36	1.44	1.04	+1	+17	−45	−14	+24	−38	+1	+12	−39	+25	0	0.14
*39491		08 04 22.05	−28 24 59.9	9.34		H	121.091 858 49	−28.416 626 16		17.40	73.79	−55.64	0.53	0.80	1.19	0.65	0.96	+17	+3	+4	−8	−7	+12	−9	−25	−2	+7	0	0.51
*39492		08 04 22.03	−39 24 39.4	8.59		H	121.091 801 06	−39.410 938 46		1.66	−2.95	6.89	0.60	0.66	0.78	0.69	0.67	−8	+4	+8	+10	+5	+7	+3	−23	−4	−12	0	−0.56
39493		08 04 22.51	−44 14 13.1	7.39		H	121.093 781 95	−44.236 975 77		2.26	−6.44	7.12	0.56	0.55	0.67	0.65	0.55	+3	+11	+6	−1	+5	+1	+3	−31	+21	−9	0	−0.44
39494		08 04 22.62	+43 57 42.2	9.83		G	121.094 231 13	+43.961 716 22		39.46	147.84	−15.31	1.47	0.75	1.58	2.18	1.14	+15	+27	+12	+19	−19	−12	−20	+4	+1	−2	0	−0.11
39495	H	08 04 23.10	+12 17 23.8	7.82		G	121.096 233 48	+12.289 947 12	A	32.03	78.69	−147.86	3.22	2.03	1.80	2.51	2.20	−45	+4	−13	−10	−12	+1	−15	+25	+13	−31	0	0.74
39496		08 04 23.33	−54 59 43.5	8.00		H	121.097 201 00	−54.995 404 77		4.25	−8.09	5.37	0.59	0.56	0.64	0.74	0.60	+6	+3	+13	+11	−1	+15	−3	−8	+1	+3	1	−0.29
39497		08 04 24.03	+76 33 12.2	8.48		H	121.100 114 28	+76.553 379 68		2.97	1.00	−0.67	0.62	0.70	0.92	0.63	0.89	−4	+6	−15	−19	+8	+5	+15	−29	+10	+23	1	−0.76
39498	H	08 04 24.98	−36 02 00.4	9.03		H	121.104 083 02	−36.033 443 02	A	5.61	17.28	−45.25	1.35	1.49	1.59	1.20	1.42	−4	−5	−1	−11	−2	+5	+1	−29	+5	−6	1	0.41
39499		08 04 26.56	+19 47 51.0	8.29		G	121.110 667 94	+19.797 505 64		8.96	−42.60	−28.70	0.92	0.68	1.08	1.14	0.83	−12	+12	−33	+10	+1	−31	−14	+30	−14	−1	0	0.30
39500		08 04 26.70	+00 57 39.9	7.55		H	121.111 252 46	+00.961 075 81		1.00	9.81	−9.98	0.93	0.55	1.03	1.39	0.88	+1	+29	−29	−7	+19	−22	+0	+25	−23	+44	0	−0.91

No.	Tycho Magnitudes					Colour Indices							Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag			Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3		44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
39401	7.331	0.013	7.157	0.016	*	0.167	0.020	T	0.18	0.02	L *		7.1235	0.0013	0.008	92	*	7.11	7.14		D	08033+2616	I 1	2 C A	AB	74	0.972	0.003	0.26	0.01	S
39402						1.490	0.015	G	2.01	0.09	I *		11.4223	0.0054	0.039	118	*	11.33	11.49		D	08033+5251	H 1	2 C B	AB	213	0.269	0.013	0.32	0.19	G
39403	10.747	0.067	9.391	0.034		1.149	0.059	T	1.11	0.05	L		9.3630	0.0028	0.014	54		9.33	9.39		C			1							
39404	9.061	0.019	8.627	0.019		0.420	0.015	G	0.49	0.02	H		8.6948	0.0011	0.012	46		8.67	8.72		D			1							
39405	9.392	0.025	8.742	0.022		0.579	0.015	G	0.65	0.01	H		8.8048	0.0030	0.018	48		8.77	8.85					1							
39406	6.646	0.005	6.723	0.006		−0.072	0.002	G	−0.05	0.00	H		6.7320	0.0008	0.006	98		6.72	6.74					1							S
39407	10.016	0.025	9.411	0.023		0.564	0.030	T	0.64	0.03	L		9.4699	0.0036	0.026	131		9.43	9.52		U			1							
39408	9.994	0.021	8.064	0.009		1.602	0.018	T	1.62	0.02	L		7.9765	0.0021	0.020	159		7.95	8.01		U 2			1							
39409	9.345	0.029	8.556	0.023	*	0.716	0.029	T	0.77	0.02	L *		8.6714	0.0019	0.019	65	*	8.64	8.71		R	08034−1312	I 1	2 C A	AB	329	5.138	0.006	0.05	0.02	
39410	10.975	0.042	10.309	0.037	*	0.617	0.047	T	0.69	0.04	L *		10.3664	0.0028	0.032	145	*	10.32	10.41		D	08034+2151	I 1	2 C A	AS	63	0.239	0.014	0.63	0.20	G
39411	9.332	0.013	8.378	0.010	A	0.827	0.012	T	0.85	0.01	L		8.4418	0.0065	0.035	162	A	8.40	8.52		D	08034−3044	I 2	1 C P A							
39412	9.293	0.024	8.031	0.015		1.075	0.022	T	1.04	0.02	L		8.0561	0.0017	0.009	47		8.04	8.07		D	08034+1340	I 1	1 S							S
39413	10.777	0.051	10.280	0.050	B	0.467	0.064	T	0.54	0.07	L		10.5377	0.0396			B				D	08034−3044	I 2	1 C I A							
39414	8.825	0.013	7.046	0.007		1.482	0.012	T	1.50	0.02	L		7.0281	0.0016	0.010	79		7.01	7.04					1							S
39415	9.759	0.021	9.436	0.023		0.310	0.034	T	0.36	0.05	L		9.4425	0.0020	0.028	152		9.40	9.51					1							G
39416	8.961	0.021	7.562	0.012		1.183	0.019	T	1.14	0.02	L		7.5955	0.0014	0.008	52		7.58	7.62		C			1							S
39417	9.122	0.016	8.333	0.013		0.715	0.002	G	0.76	0.00	H		8.3910	0.0014	0.011	86		8.37	8.41		C			1							
39418	7.400	0.008	6.784	0.008		0.571	0.008	T	0.64	0.01	L		6.8630	0.0007	0.006	46		6.85	6.87		D	08035+1211	I 1	1							S
39419	9.414	0.016	8.041	0.009		1.162	0.014	T	1.12	0.01	L		8.0874	0.0013	0.013	138		8.06	8.11		C			1							
39420	7.555	0.005	6.389	0.004		1.008	0.002	G	0.97	0.04	E		6.4413	0.0007	0.007	122		6.43	6.45					1							S
39421	7.957	0.008	6.750	0.005		1.032	0.007	T	1.00	0.01	L		6.7991	0.0007	0.007	97		6.79	6.81		C			1							S
39422						1.412	0.007	G	1.70	0.02	I		12.0364	0.0081	0.061	103		11.94	12.14					1							G
39423	10.519	0.041	10.262	0.049		0.190	0.020	G	0.21	0.02	H		10.3469	0.0027	0.034	153		10.28	10.40					1 S							G
39424	6.410	0.004	5.065	0.003		1.130	0.010	G	1.09	0.04	E		5.1084	0.0006	0.005	87		5.10	5.12		C	08036+2747	I 1	1 G							S D
39425	8.028	0.009	7.482	0.009		0.508	0.015	G	0.58	0.02	H		7.5379	0.0008	0.008	83		7.53	7.56			08035−0810	I 1	1							S P
39426	9.650	0.022	8.516	0.014		0.976	0.020	T	0.96	0.02	L		8.5783	0.0014	0.015	123		8.55	8.62					1							
39427	9.083	0.022	7.751	0.013		1.130	0.020	T	1.09	0.02	L		7.7865	0.0017	0.012	49		7.77	7.81		C			1							S
39428	8.298	0.010	7.132	0.008		1.000	0.010	T	0.98	0.01	L		7.1972	0.0010	0.008	64		7.18	7.21		C			1							S
39429	1.957	0.003	2.189	0.003		−0.269	0.018	G	−0.22	0.02	A		2.1364	0.0010	0.007	102		2.12	2.15		M			1							S
39430	9.587	0.028	8.484	0.019		0.951	0.026	T	0.94	0.02	L		8.5530	0.0021	0.014	58		8.54	8.58		C			1							S
39431	8.998	0.015	9.048	0.020		−0.037	0.015	G	−0.01	0.01	H		9.0416	0.0016	0.015	112		9.02	9.07		C			1							
39432	9.606	0.019	8.692	0.014		0.810	0.018	T	0.84	0.01	L		8.7435	0.0021	0.015	105		8.72	8.76					1							
39433	8.844	0.014	7.160	0.007		1.434	0.013	T	3.23	0.05	O		6.7074	0.0169	0.215	71		6.52	7.05		U 2			1 S							S
39434	9.095	0.021	7.899	0.014		1.024	0.020	T	1.00	0.02	L		7.9680	0.0012	0.010	43		7.95	8.00					1							S
39435	8.724	0.008	8.416	0.009		0.284	0.015	G	0.32	0.02	H		8.4666	0.0017	0.017	169		8.44	8.50					1							S
39436						1.639	0.218	G	1.65	0.24	R		11.0318	0.0029	0.041	227		10.94	11.09		U			1 X S							G
39437	8.644	0.012	8.244	0.013		0.385	0.015	G	0.45	0.02	H		8.3068	0.0015	0.012	97		8.29	8.33		C			1							S
39438	8.243	0.009	8.280	0.011		−0.029	0.013	T	−0.01	0.01	L		8.2902	0.0013	0.009	106		8.27	8.31		C			1							
39439	7.703	0.006	7.732	0.008		−0.044	0.006	G	−0.02	0.01	H		7.7378	0.0016	0.016	169		7.71	7.77					1							S
39440	10.583	0.056	9.838	0.044		0.681	0.056	T	0.74	0.05	L		9.8786	0.0038	0.022	68		9.84	9.92		C			1							
39441	9.610	0.018	9.426	0.022		0.140	0.020	G	0.15	0.02	H		9.4708	0.0021	0.020	142		9.43	9.51					1							G
39442	9.240	0.015	8.774	0.015		0.452	0.017	T	0.52	0.02	L		8.8205	0.0016	0.014	97		8.80	8.84		C			1 G							
39443	10.650	0.046	10.317	0.052		0.316	0.065	T	0.36	0.09	L		10.5086	0.0031	0.035	145		10.44	10.57					1							G
39444	10.554	0.030	9.760	0.024		0.720	0.030	T	0.77	0.02	L		9.8289	0.0017	0.022	163		9.79	9.86		C			1							
39445	8.307	0.009	8.261	0.011		0.042	0.013	T	0.06	0.01	L		8.2887	0.0011	0.010	107		8.27	8.30		C			1							S
39446	8.468	0.007	8.539	0.009		−0.061	0.010	T	−0.04	0.01	L		8.5602	0.0016	0.021	209		8.53	8.61					1							
39447	8.354	0.007	6.966	0.004		1.190	0.015	G	1.15	0.01	H		7.0043	0.0008	0.010	149		6.99	7.02					1							S
39448	8.379	0.009	8.432	0.012	A	−0.050	0.015	G	−0.03	0.01	H *		8.3442	0.0014	0.017	155	*	8.32	8.37		D	08038−3531	I 1	2 C A	AB	341	1.477	0.010	1.77	0.04	
39449	9.956	0.024	8.719	0.015		1.056	0.022	T	1.02	0.02	L		8.7644	0.0016	0.014	104		8.74	8.79		C			1							
39450	10.049	0.024	9.343	0.019		0.637	0.023	T	0.70	0.02	L		9.3824	0.0025	0.026	155		9.33	9.42		D	08039−3058	I 1	1 X S							G
39451	7.291	0.006	7.223	0.007		0.061	0.008	T	0.07	0.01	L		7.2485	0.0010	0.008	105		7.24	7.26		C			1							S
39452	10.541	0.046	9.706	0.032		0.735	0.043	T	0.78	0.03	L		9.8398	0.0052	0.056	149		9.76	10.02		U 2	08039−3133	I 2	1 X S							G Y
39453	8.164	0.012	7.811	0.014		0.335	0.017	T	0.39	0.02	L		7.8753	0.0018	0.009	49		7.86	7.90					1							S
39454	11.716	0.103	9.787	0.028		1.598	0.078	T	1.62	0.08	L		9.5795	0.0033	0.034	146		9.51	9.62					1 S							G
39455	8.024	0.009	6.953	0.006		0.950	0.015	G	0.96	0.02	A		7.0078	0.0008	0.006	103		6.99	7.02					1							S
39456	10.264	0.031	8.668	0.015		1.337	0.027	T	1.30	0.03	L		8.6706	0.0021	0.017	81		8.64	8.70					1							
39457	9.530	0.016	8.755	0.013		0.689	0.016	T	0.75	0.01	L		8.8575	0.0020	0.021	156		8.82	8.90			08039−3133	I 2	1							
39458	7.753	0.011	7.846	0.013		−0.073	0.002	G	−0.05	0.00	H		7.8322	0.0015	0.007	40		7.82	7.85		C			1							S
39459	10.564	0.047	10.178	0.053		0.365	0.066	T	0.43	0.07	L		10.2637	0.0034	0.028	68		10.22	10.31					1							G
39460	9.049	0.021	8.757	0.023		0.288	0.015	G	0.33	0.02	H		8.7925	0.0044	0.016	46		8.76	8.81					1							
39461	7.281	0.006	7.406	0.008		−0.109	0.009	T	−0.09	0.01	L		7.3947	0.0011	0.010	109		7.38	7.41		C			1							S
39462	9.762	0.019	8.475	0.011		1.095	0.017	T	1.06	0.02	L		8.5270	0.0014	0.016	131		8.50	8.55		C			1							
39463	7.776	0.007	7.481	0.008		0.308	0.015	G	0.35	0.02	H		7.5106	0.0012	0.009	107		7.50	7.53		C			1							S
39464	11.121	0.064	10.488	0.058		0.484	0.072	G	0.56	0.08	R		10.5556	0.0038	0.031	92		10.50	10.62		C			1							G
39465	10.337	0.028	8.852	0.014		1.250	0.025	T	1.21	0.03	L		8.8823	0.0017	0.016	133		8.86	8.91					1							
39466	8.754	0.015	8.623	0.017		0.130	0.015	G	0.14	0.01	H		8.6730	0.0016	0.013	65		8.65	8.69		C			1							
39467	8.395	0.010	8.474	0.013		−0.092	0.015	G	−0.07	0.02	H		8.4989	0.0023	0.014	110		8.47	8.52					1							
39468	7.702	0.006	7.220	0.006		0.466	0.007	T	0.54	0.01	L		7.2742	0.0011	0.011	174		7.26	7.30					1							S
39469	8.370	0.015	8.154	0.017		0.189	0.015	G	0.21	0.02	H		8.1800	0.0015	0.012	49		8.16	8.20		C			1							S
39470	12.071	0.170	10.892	0.086		1.017	0.157	T	2.07	0.14	S		10.9773	0.0041	0.038	157		10.92	11.06		R			1							G
39471	9.174	0.017	8.608	0.016		0.529	0.021	T	0.60	0.02	L		8.6828	0.0021	0.015	56		8.66	8.71		C			1							
39472	9.298	0.019	9.207	0.024		0.082	0.028	T	0.09	0.03	L		9.2679	0.0019	0.024	94		9.23	9.32					1							
39473	7.484	0.005	7.393	0.005		0.082	0.006	T	0.09	0.01	L		7.4135	0.0012	0.011	175		7.40	7.43					1							S
39474	7.891	0.010	7.835	0.009		0.056	0.012	T	0.07	0.01	L		7.8497	0.0018	0.017	103		7.83	7.88					1							S
39475	10.400	0.032	9.175	0.019		1.047	0.029	T	1.02	0.02	L		9.2117	0.0020	0.016	98		9.18	9.24		C			1							
39476	8.483	0.010	8.064	0.010		0.400	0.015	G	0.47	0.02	H		8.1200	0.0017	0.016	142		8.10	8.15		C			1							
39477	7.946	0.011	6.828	0.008		0.963	0.011	T	0.95	0.01	L		6.8888	0.0009	0.006	56		6.88	6.90					1							S
39478	9.751	0.019	9.270	0.019		0.453	0.024	T	0.52	0.03	L		9.3087	0.0020	0.016	96		9.29	9.34		C			1							
39479	9.335	0.016	9.243	0.020	*	0.083	0.024	T	0.10	0.03	L *		9.2164	0.0027	0.018	100	*	9.18	9.24		D	08041−4955	I 1	2 C A	BA	109	0.417	0.005	0.16	0.03	
39480	6.789	0.005	6.717	0.006	*	0.071	0.007	T	0.08	0.01	L *		6.7271	0.0012	0.007	69	*	6.72	6.74		D	08041+3302	I 1	2 C A	AB	350	0.374	0.002	0.28	0.01	S
39481	9.394	0.015	8.769	0.013		0.577	0.015	T	0.65	0.01	L		8.8274	0.0010	0.015	151		8.81	8.86		D			1							
39482	9.059	0.017	7.810	0.011		1.065	0.016	T	1.03	0.01	L		7.8703	0.0012	0.009	62		7.85	7.90					1							
39483	7.458	0.008	7.602	0.011		−0.124	0.012	T	−0.11	0.02	L		7.5760	0.0023	0.017	98		7.56	7.60		U 2			1							S
39484	9.409	0.011	8.051	0.006		1.150	0.010	T	1.11	0.01	L		8.0899	0.0014	0.016	221		8.07	8.12		C			1							
39485	9.229	0.018	8.941	0.019		0.273	0.027	T	0.31	0.03	L		8.9663	0.0018	0.019	131		8.94	8.99		C	08042−4219	I 1	1 S							
39486	8.167	0.012	8.184	0.015	A	−0.100	0.495	G	0.00	0.01	L *		8.0369	0.0019	0.011	72	*	8.02	8.06		D	08042−0151	I 1	2 C A	AB	33	1.655	0.005	1.68	0.02	
39487	7.676	0.008	5.448	0.006		1.882	0.008	T	2.58	0.03	O		5.2527	0.0065	0.069	162		5.14	5.35		U 2 C			1 S							S
39488	8.349	0.015	8.094	0.017		0.215	0.015	G	0.24	0.02	H		8.1412	0.0011	0.010	47		8.12	8.15		C			1							S
39489	9.889	0.025	8.681	0.016		1.033	0.023	T	1.01	0.02	L		8.7263	0.0021	0.013	90		8.70	8.76		C			1							
39490	9.074	0.032	7.982	0.022		0.944	0.030	T	0.93	0.02	L		8.0155	0.0020	0.013	44		8.00	8.03					1							S
39491	10.317	0.024	9.414	0.017		0.787	0.023	T	0.82	0.02	L		9.4786	0.0017	0.023	224		9.45	9.52		C			1							G
39492	11.200	0.067	8.887	0.016		1.908	0.055	T	1.94	0.06	L		8.6809	0.0023	0.022	137		8.65	8.71		R			1 S							
39493	8.637	0.011	7.497	0.008		1.010	0.015	G	0.99	0.01	H		7.5548	0.0009	0.010	104		7.54	7.57					1							S
39494	11.590	0.092	10.012	0.035		1.270	0.015	G	1.44	0.03	I		9.9466	0.0028	0.021	106		9.91	9.98		C			1							
39495	8.911	0.024	7.896	0.018	–	0.845	0.019	G	0.89	0.02	R *		7.9171	0.0018	0.010	47	–	7.90	7.95		D	08044+1217	I 1	3 C C							S G
39496	7.973	0.009	7.984	0.010		−0.008	0.012	T	0.01	0.01	L		8.0095	0.0017	0.012	108		7.99	8.03					1							S
39497	9.725	0.016	8.598	0.011		0.970	0.015	T	0.95	0.01	L		8.6477	0.0016	0.020	148		8.61	8.69					1							S
39498	9.857	0.019	9.233	0.017	A	0.600	0.495	G	0.63	0.06	L *		9.1470	0.0022	0.020	154	*	9.11	9.19		D	08044−3602	I 1	2 C A	AB	264	1.284	0.009	1.41	0.04	
39499	8.692	0.018	8.348	0.019		0.355	0.015	G	0.42	0.02	H		8.3737	0.0018	0.013	61		8.35	8.40		C			1							S
39500	9.379	0.022	7.695	0.011		1.407	0.019	T	1.39	0.02	L		7.6949	0.0013	0.010	70		7.68	7.72					1							S

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ 13	Standard Errors α* mas 14	δ 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
39501		08 04 27.12	+33 39 48.0	8.39		H	121.112 989 45	+33.663 328 63		4.95	−1.25	−5.88	1.14	0.66	1.23	1.58	1.07	−21	+14	−22	−35	−10	+20	−12	−9	+1	−6	2	1.28
39502		08 04 27.67	−01 35 42.5	8.06		G	121.115 281 86	−01.595 132 93		6.26	−42.26	0.37	0.97	0.61	1.17	1.26	0.83	−8	+28	−25	−10	+1	−11	−11	+8	−28	+21	0	−0.70
39503		08 04 28.08	+21 00 29.3	7.51		H	121.116 997 59	+21.008 134 20		6.14	−21.19	8.59	0.94	0.59	1.04	1.13	0.77	−23	+43	−30	−1	+4	−14	−3	+17	+0	+14	2	1.48
39504		08 04 28.42	−13 08 09.4	8.05		H	121.118 432 89	−13.135 935 26		1.92	−4.60	1.84	0.74	0.62	0.97	0.79	0.73	−19	+34	−33	−22	+2	−25	−13	+8	−16	−7	2	1.87
39505		08 04 29.52	+44 59 25.7	9.30		G	121.123 000 31	+44.990 484 42		1.18	−11.90	−15.38	1.21	0.63	1.27	1.82	1.02	+14	+28	+2	+23	−8	−1	−11	+12	−3	−8	0	−1.23
39506		08 04 29.69	+09 16 04.4	7.26		G	121.123 690 19	+09.267 887 22		33.88	268.59	16.08	0.92	0.73	1.17	1.08	0.89	−20	+16	−37	−25	+6	−30	−10	+11	−26	−9	0	−0.21
39507	H	08 04 30.03	+13 46 28.0	7.75		H	121.125 122 90	+13.774 436 53	A	5.04	2.71	9.01	1.57	1.07	1.53	1.56	1.27	−30	+40	−44	−40	−10	−27	−34	+19	−16	−17	1	0.39
39508	H	08 04 30.20	−42 45 31.5	7.43	2	G	121.125 812 71	−42.758 744 75	A	0.64	−0.52	4.27	0.91	0.92	1.02	0.92	0.86	−11	+8	+17	+8	−2	+4	−3	+4	−4	−19	3	2.39
39509		08 04 30.53	−62 50 26.6	7.71		H	121.127 195 81	−62.840 716 04		4.29	10.78	−46.13	0.61	0.53	0.61	0.72	0.51	+1	−2	+17	+13	−4	−10	−4	−3	+4	−11	1	0.64
39510		08 04 31.41	−67 12 29.8	7.66		H	121.130 867 02	−67.208 288 16		8.74	−16.05	25.98	0.59	0.59	0.63	0.66	0.66	−11	+10	+13	+10	−21	−14	−18	+13	+13	−31	1	0.55
39511		08 04 31.41	−18 59 01.3	7.39		H	121.130 871 27	−18.983 698 97		3.80	−1.74	−12.49	0.62	0.61	0.89	0.79	0.88	−13	+24	−8	−3	+5	−10	+8	+18	−3	−25	0	−0.04
39512		08 04 32.01	−32 59 53.6	8.69		H	121.133 383 79	−32.998 208 35		0.30	−18.45	10.48	0.66	0.80	1.03	0.70	0.77	+14	−4	−1	+5	−14	+15	−14	−29	+17	+15	0	−0.03
39513		08 04 32.51	−17 39 55.9	6.54		H	121.135 478 33	−17.665 525 75		3.32	−5.06	−7.25	0.56	0.49	0.80	0.66	0.68	+5	+25	−12	+0	−3	−22	−3	+12	+15	−3	0	−0.06
39514	H	08 04 32.65	−25 41 58.9	6.35	1	H	121.136 037 87	−25.699 698 07	A	3.96	−16.32	−16.01	0.65	0.69	0.94	0.64	0.66	−7	−1	−19	+28	+20	−4	+19	−8	−8	−9	2	0.93
39515		08 04 34.78	+15 21 53.5	8.48		G	121.144 911 79	+15.364 853 87		28.03	−172.85	−246.91	1.11	0.80	1.22	1.26	0.99	+4	+17	−29	−24	−16	−33	−27	+19	−13	−4	0	0.79
39516		08 04 35.28	+66 31 11.3	8.74		H	121.146 990 50	+66.519 804 31		4.84	10.25	4.71	0.73	0.70	1.06	0.79	0.77	+14	+12	+5	+28	−12	−1	−5	−13	−18	+34	1	−0.84
39517		08 04 35.95	+53 40 42.8	7.05		G	121.149 773 44	+53.678 551 00		10.00	15.09	−11.87	0.63	0.47	0.81	0.78	0.70	+0	+26	+1	−23	−17	−7	−17	+3	+7	−2	0	−0.18
39518	H	08 04 37.01	+54 44 46.1	7.64	2	H	121.154 212 23	+54.746 149 25	A	3.39	−18.39	−18.17	1.05	0.78	1.27	1.33	1.14	−21	+13	−5	−4	−11	+0	−11	−5	+19	−16	1	0.39
39519	H	08 04 37.13	−56 51 28.3	10.31		H	121.154 720 77	−56.857 851 03	A	2.24	0.12	5.72	2.20	1.91	1.75	1.94	1.65	+5	−3	−3	+23	−1	+15	−3	−10	+10	−7	2	−0.60
39520		08 04 38.46	−24 21 49.9	7.85		G	121.160 270 46	−24.363 865 77		9.31	−24.48	24.80	0.47	0.55	0.96	0.48	0.55	+3	+15	−12	+8	+15	−14	+16	−23	+11	+6	0	−0.56
39521		08 04 38.77	−29 57 57.6	7.35	2	H	121.161 536 90	−29.965 992 97		2.71	−12.56	−0.99	0.48	0.61	0.85	0.60	0.65	+8	+2	+10	+20	+11	−5	+9	−6	−2	+3	0	1.51
39522		08 04 40.07	+09 28 01.0	8.26		H	121.166 948 70	+09.466 957 48		4.39	−8.81	−1.90	1.07	0.80	1.21	1.40	1.09	−15	+7	−23	−34	+16	−15	+10	−18	−28	−2	0	1.01
39523		08 04 40.20	+39 44 26.9	6.89		H	121.167 501 51	+39.740 800 18		5.04	−30.37	−22.56	0.95	0.66	1.11	1.18	0.86	−37	+41	−29	+1	−3	−9	+5	−24	+14	−10	0	3.21
39524		08 04 41.42	−19 43 41.4	6.12		H	121.172 588 28	−19.728 156 12		2.07	−5.35	3.36	0.59	0.50	0.75	0.79	0.83	−5	−4	−10	−29	+10	−13	+21	+10	+1	−32	4	−0.15
39525		08 04 41.52	+50 56 07.6	8.68		H	121.172 998 22	+50.935 439 59		5.13	−8.14	−19.12	1.04	0.58	1.06	1.34	0.94	+27	+39	+3	+10	+3	−3	+2	+4	−1	+23	0	2.64
39526		08 04 42.09	+50 26 43.5	9.09		H	121.175 362 00	+50.445 404 67		2.56	10.13	1.92	1.20	0.66	1.27	1.67	1.18	+30	+29	+9	−1	+1	−2	−1	−13	−14	+32	0	1.45
39527		08 04 42.41	−50 35 25.4	5.96		H	121.176 698 01	−50.590 399 98		2.40	−8.61	1.70	0.43	0.40	0.46	0.47	0.38	+13	+11	+2	−2	−19	+7	−15	−28	+14	+14	0	−1.23
39528		08 04 42.77	+24 19 48.5	8.43		H	121.178 226 56	+24.330 147 27		22.65	−34.16	37.02	1.05	0.63	1.17	1.03	0.68	−48	+50	−28	−7	−2	−18	−5	−15	+10	−61	0	0.84
39529		08 04 42.88	−81 59 38.2	9.35		H	121.178 659 29	−81.993 941 58		3.80	−11.49	34.06	0.77	0.68	0.77	1.00	0.83	−12	+12	−1	−16	−2	−2	−1	+5	−2	−15	0	0.38
39530		08 04 42.94	−62 50 10.9	6.25	2	H	121.178 912 87	−62.836 374 55		2.61	−5.60	11.37	0.48	0.39	0.46	0.57	0.38	+1	+5	+16	+18	−5	−6	−6	−2	+4	−12	1	1.96
39531		08 04 43.64	−12 01 45.6	8.37		H	121.181 820 20	−12.029 341 21		3.46	−4.95	−6.56	0.88	0.77	1.08	1.08	1.03	−32	+33	−18	+27	−7	−7	−11	+29	−14	−22	0	0.25
39532		08 04 43.84	−55 54 27.2	9.22		H	121.182 659 03	−55.907 550 03		1.58	−0.02	18.89	0.87	0.86	0.95	1.08	0.93	+4	−3	+5	+7	−12	+13	−12	−4	+8	+0	0	−0.94
39533	H	08 04 44.45	+47 17 23.6	8.38		H	121.185 198 62	+47.289 876 70	A	3.31	−13.65	−8.01	1.98	1.19	1.80	2.82	1.80	+7	+27	−2	+23	+6	+19	+11	+13	+15	+16	2	−0.25
39534		08 04 44.62	+41 10 08.4	8.98		H	121.185 928 24	+41.168 996 37		1.71	6.13	−2.73	1.26	0.71	1.44	2.10	0.99	−1	+19	−11	−10	−4	+24	−1	−20	+0	+2	0	0.83
39535		08 04 45.32	+18 50 31.4	6.21		H	121.188 828 13	+18.842 067 57		10.92	−25.73	−19.63	0.79	0.57	0.94	0.90	0.69	−5	+21	−36	−7	+2	−37	−16	+24	−23	−1	0	−0.50
39536		08 04 45.43	−42 13 46.4	9.08		H	121.189 274 07	−42.229 562 52		2.51	−8.15	25.96	0.66	0.69	0.82	0.68	0.80	−1	+2	+1	−18	−5	+7	−2	+4	+14	−14	0	−0.24
39537		08 04 45.97	−23 50 26.1	8.56		H	121.191 536 78	−23.840 592 22		4.59	5.94	−10.47	0.68	0.64	1.17	0.66	0.65	+17	−11	−29	−13	+13	−11	+12	−22	+6	+28	3	1.43
39538		08 04 47.19	+79 28 47.1	5.39		H	121.196 609 15	+79.479 742 68		9.88	−36.46	−53.75	0.39	0.36	0.52	0.44	0.47	+5	+25	+5	+5	−15	+6	−13	−17	−1	+20	1	1.30
39539		08 04 47.80	+55 29 05.9	7.71		H	121.199 168 85	+55.484 981 87		4.85	−2.79	−3.26	0.65	0.52	0.92	0.88	0.79	−18	+25	−17	−23	−14	+10	−15	−15	+7	+10	0	−1.21
39540		08 04 47.85	+06 11 09.8	7.85		H	121.199 386 74	+06.186 056 04		−0.91	−3.06	2.08	1.05	0.76	1.19	1.19	0.97	−17	+33	−29	−23	−16	−34	−30	+33	−5	−12	3	0.08
39541		08 04 49.16	−05 24 42.4	7.34	2	H	121.204 838 15	−05.411 780 52		1.72	−11.66	9.52	0.69	0.59	1.05	0.85	0.63	−29	+17	−43	+15	+14	−44	−6	+26	−1	−16	4	0.91
*39542		08 04 50.93	−28 11 38.6	9.97		H	121.212 220 84	−28.194 043 12		2.93	−5.62	10.37	0.75	1.14	1.62	0.88	1.22	+17	−1	+1	−5	−4	+12	−6	−29	−2	+6	1	2.84
*39543		08 04 50.91	−42 06 37.9	8.43		H	121.212 129 05	−42.110 519 48		2.79	−23.64	3.86	0.62	0.67	0.79	0.64	0.77	+2	+13	+7	−13	−4	+0	+0	+2	+15	−13	0	−0.98
39544		08 04 51.73	+04 08 29.2	7.74		H	121.215 521 70	+04.141 443 64		1.14	−10.21	−2.97	0.90	0.76	1.00	1.07	0.98	−30	+24	−18	+7	−25	−29	−30	+51	+0	−31	0	−0.88
39545		08 04 51.89	−28 10 53.5	9.84		H	121.216 187 74	−28.181 525 81		2.40	−6.64	7.32	0.65	1.03	1.45	0.77	1.08	+17	−2	−2	−8	−4	+13	−6	−30	+0	+7	0	0.38
39546		08 04 52.32	+23 36 49.9	8.36		H	121.218 002 32	+23.613 871 95		26.60	−128.38	−85.51	0.95	0.53	1.08	1.06	0.61	−52	+46	−21	−23	+2	−28	+9	−23	+27	−73	3	−0.08
39547		08 04 52.59	−01 00 26.9	9.01		H	121.219 145 39	−01.007 461 17		−0.62	−1.06	2.85	1.07	0.67	1.37	1.38	1.00	−29	+29	−23	−7	+10	−29	−9	+27	−33	+5	0	0.96
39548		08 04 52.65	+20 13 59.1	8.94		H	121.219 364 78	+20.233 080 37		3.62	−0.05	−2.27	1.07	0.79	1.26	1.31	0.95	−19	+27	−34	+1	+2	−29	−13	+24	−11	+0	0	−0.92
39549		08 04 54.02	+52 09 34.2	9.11		H	121.225 070 35	+52.159 513 47		5.47	−2.46	1.90	1.00	0.71	1.24	1.27	1.09	+0	+22	−16	−7	−15	+6	−15	+3	+5	−4	0	−0.19
39550		08 04 54.07	+12 10 43.4	7.82		H	121.225 289 90	+12.178 713 82		0.64	−2.14	−5.75	1.03	0.77	1.15	1.27	1.02	−12	+22	−27	−14	−12	−28	−24	+23	−6	−6	0	0.56
39551		08 04 55.51	−26 30 56.4	8.66		H	121.231 297 23	−26.515 664 30		2.64	−9.64	3.34	0.61	0.69	1.04	0.68	0.66	+3	+3	−23	+22	+10	+8	+9	−32	+18	+1	0	0.82
39552		08 04 55.99	−57 46 48.1	8.48		H	121.233 282 44	−57.780 034 73		3.97	−16.81	29.57	0.64	0.59	0.67	0.72	0.60	+1	+7	+9	+22	−6	+18	−9	−8	+8	−7	2	2.02
39553		08 04 56.20	+04 01 56.8	8.10		H	121.234 151 73	+04.032 432 70		10.90	−13.73	29.68	1.11	1.06	1.15	1.29	1.21	−39	+34	−16	+13	−34	−26	−38	+64	−6	−32	0	0.36
39554		08 04 56.24	+38 43 19.7	8.86		H	121.234 350 41	+38.722 150 62		0.70	−10.22	−9.13	1.31	0.79	1.41	1.56	1.19	−13	+30	−11	−20	+4	−11	+5	−16	+7	−1	0	0.82
39555	H	08 04 58.31	+58 25 26.2	8.65		H	121.242 963 41	+58.423 956 32	*	6.02	−25.89	−40.38	1.55	1.12	1.38	1.54	1.52	−19	+16	+1	−24	−11	+12	−11	−15	−12	−38	1	0.02
39556		08 04 58.65	−03 29 45.0	6.98		H	121.244 364 55	−03.495 838 81		1.84	−24.61	12.04	0.76	0.56	1.04	1.11	0.75	−36	+24	−32	+19	+21	−44	+13	+17	+19	−34	0	0.46
39557		08 04 59.14	−58 21 32.5	7.98	1	H	121.246 418 45	−58.359 021 14		1.16	−3.57	4.99	0.58	0.60	0.65	0.65	0.59	+0	−2	+9	−13	−1	−18	−2	−29	+19	−17	0	0.55
39558		08 05 00.91	+10 30 00.1	7.28		H	121.253 801 32	+10.500 022 34		5.41	−7.87	−8.65	1.06	0.79	1.46	1.27	0.97	−27	+48	−59	−39	+25	−45	−24	+18	−45	+22	0	0.03
39559		08 05 01.21	−22 26 04.1	7.67		H	121.255 041 19	−22.434 463 49		1.35	−2.33	4.79	0.66	0.54	0.97	0.73	0.57	+23	+8	+4	−19	+7	+4	+7	−23	+9	+50	0	−1.62
39560		08 05 01.97	−15 55 07.5	8.75		G	121.258 193 09	−15.918 756 93		6.97	−30.90	−2.59	0.88	0.96	1.23	1.10	1.16	−31	+34	−21	−25	−12	−19	−20	+0	−19	−5	0	1.67
39561	H	08 05 02.14	−34 18 45.0	7.64		G	121.258 927 71	−34.312 493 89	A	10.76	−30.65	72.76	1.29	1.32	1.48	1.19	1.13	−8	+7	+16	−4	+5	+0	+3	+2	+6	−19	4	−0.30
39562	H	08 05 02.45	−60 23 16.8	7.25		H	121.260 191 65	−60.388 011 02	A	2.48	−4.29	10.31	0.89	0.88	0.84	0.82	0.78	−1	+15	+15	−7	−3	−2	+1	−17	+13	−21	3	0.12
39563		08 05 02.68	+41 49 12.4	9.03		H	121.261 179 39	+41.820 116 04		5.50	3.28	−15.99	1.21	0.71	1.35	2.06	0.97	+7	+6	−16	+0	+0	+18	+3	−20	+6	+14	2	−2.51
39564		08 05 02.79	−08 53 24.8	8.01		H	121.261 631 95	−08.890 220 44		1.41	−2.76	0.71	0.72	0.56	0.94	0.85	0.65	−12	+17	−26	+3	+4	−27	−4	+12	−9	−4	0	1.54
39565		08 05 03.32	−33 35 28.9	6.62		H	121.263 842 42	−33.591 370 63		12.17	−31.17	19.84	0.42	0.49	0.65	0.48	0.49	+20	+11	+11	+5	−8	+11	−8	−21	+8	+18	0	−0.93
39566		08 05 03.71	−53 06 28.5	5.52		G	121.265 444 52	−53.107 913 60		8.29	2.46	−3.08	0.44	0.40	0.47	0.55	0.36	+13	+4	+16	+5	+4	+6	+2	−16	+13	+10	0	0.16
39567		08 05 04.51	+13 07 06.1	5.14		H	121.268 790 80	+13.118 370 53		15.49	−35.20	−63.86	0.78	0.58	0.94	0.91	0.72	−23	+30	−30	−10	−9	−39	−24	+33	−4	−18	0	0.07
39568		08 05 04.86	+42 26 20.1	9.27		H	121.270 260 26	+42.438 925 92		1.32	5.12	−7.10	1.37	0.66	1.38	1.96	0.98	+9	+19	−4	+27	−9	−11	−13	+4	−10	+8	0	−1.04
39569		08 05 04.98	−28 04 50.5	9.46		H	121.270 738 61	−28.080 705 91		−0.24	−6.40	5.26	0.60	0.96	1.42	0.72	1.02	+20	−3	−4	−19	−6	+14	−7	−27	+9	+13	0	1.72
39570		08 05 06.60	−30 04 12.8	8.75		H	121.277 482 83	−30.070 227 75		3.59	−14.26	7.99	0.60	0.77	1.05	0.73	0.87	+4	+6	+9	+13	+3	−9	+2	−6	−5	−4	0	0.22
39571		08 05 10.30	−45 24 50.6	8.38		H	121.292 912 50	−45.414 044 78	B	0.74	−7.49	9.81	2.83	2.95	1.68	2.00	1.63	−2	−3	+30	+16	−2	−18	+1	−15	−7	−8	5	0.51
39572		08 05 10.49	+57 46 23.7	7.07		H	121.293 710 81	+57.773 254 06		15.79	−84.51	−96.42	0.62	0.51	0.82	0.87	0.81	−13	+8	−12	−26	−13	+9	−15	−15	−6	−11	0	0.38
39573		08 05 11.07	−45 24 24.7	8.68		H	121.296 125 26	−45.406 869 09	A	3.14	−9.27	6.66	2.00	2.03	1.90	2.26	1.78	−3	−3	+32	+13	−6	−19	−2	−15	−2	−11	5	0.51
39574		08 05 11.84	−28 07 42.6	9.62		G	121.299 318 23	−28.128 501 82		0.77	−6.24	9.31	0.63	0.98	1.45	0.72	1.03	+19	−3	+3	−12	−4	+6	−5	−22	+4	+15	0	1.63
39575		08 05 12.97	−19 23 54.6	8.56		G	121.304 047 34	−19.398 501 68	A	0.93	−6.20	1.92	1.34	1.19	1.49	1.57	1.66	−19	−2	−30	−16	+19	−2	+30	−5	−9	−29	2	0.47
39576		08 05 12.99	−47 02 44.0	8.50		G	121.304 127 33	−47.045 561 50		2.97	−6.55	9.44	0.67	0.59	0.73	0.75	0.59	+8	−1	+11	−11	−4	+3	−5	−18	+7	+3	0	−0.78
39577		08 05 13.11	−59 14 42.3	9.06		H	121.304 629 47	−59.245 077 28		6.27	−10.51	48.78	0.81	0.78	0.87	0.92	0.79	−10	+4	+24	−1	+5	+3	+2	−20	+15	−22	0	−1.36
39578		08 05 14.34	+14 45 17.7	8.75		H	121.309 765 33	+14.754 926 99		4.62	−7.61	−12.64	1.22	0.89	1.31	1.37	1.13	−18	+38	−33	−13	−24	−23	−37	+40	−17	−10	0	0.45
39579		08 05 14.68	+31 56 02.1	9.23		H	121.311 174 11	+31.933 915 85		1.96	−30.61	−27.84	1.24	0.88	1.44	1.57	1.09	−47	+34	−25	−4	+0	−23	−3	−4	+5	−41	2	0.86
39580		08 05 15.18	−39 03 12.8	7.73	1	G	121.313 238 03	−39.053 547 70		0.46	−4.47	5.00	0.53	0.52	0.67	0.55	0.50	+5	−9	+10	+19	+3	−11	+1	−20	−1	−2	2	1.01
39581		08 05 17.14	−44 19 41.5	8.54		H	121.321 434 99	−44.328 188 72		3.93	−12.47	4.51	0.66	0.66	0.80	0.81	0.70	−4	+12	+17	+10	+9	+1	+6	−13	+14	−20	0	−0.12
39582		08 05 18.42	+05 25 07.3	8.54		H	121.326 733 48	+05.418 705 57		2.74	−4.91	−4.26	1.39	1.01	1.55	1.60	1.35	−32	+38	−20	−16	−33	−31	−39	+44	+19	−19	0	0.85
39583		08 05 19.99	−38 46 36.1	8.48	2	H	121.333 286 41	−38.776 693 68		−0.67	−3.75	2.63	0.68	0.75	0.90	0.72	0.72	−1	−12	+10	+21	+4	−4	−1	−26	+2	−11	0	0.45
39584		08 05 20.31	−46 58 42.3	6.18	2	H	121.334 618 27	−46.978 426 67		1.69	−6.07	6.43	0.45	0.39	0.50	0.51	0.38	+11	−4	+13	−2	−9	+1	−9	−17	+13	+10	0	−0.08
39585		08 05 20.36	−44 13 28.7	8.23		H	121.334 853 40	−44.224 627 33		4.63	−2.43	5.62	0.58	0.60	0.72	0.72	0.62	+1	+13	+17	+7	+10	+5	+6	−13	+8	−18	0	1.55
39586		08 05 21.28	−14 40 27.6	8.78		H	121.338 670 64	−14.674 323 15		−0.73	−3.13	4.07	0.92	0.88	1.24	1.02	1.10	−18	+12	−14	−5	−25	−11	−29	+26	−4	−19	0	1.73
39587		08 05 21.86	+17 37 18.6	7.89		G	121.341 068 80	+17.621 831 98		2.14	−5.61	−4.24	0.98	0.73	1.17	1.11	0.83	−9	+13	−49	−25	+6	−22	−5	+3	−6	−9	0	0.12
39588		08 05 23.62	−14 17 04.6	8.63		H	121.348 410 82	−14.284 598 34		−0.36	−4.04	3.54	0.83	0.80	1.11	0.84	0.96	−33	+27	−7	+0	−37	−15	−39	+33	+0	−37	0	1.11
39589		08 05 23.86	−74 24 38.2	9.11		H	121.349 424 99	−74.410 605 86		12.22	−78.17	79.37	0.76	0.70	0.78	0.77	0.81	−3	+26	−2	−16	−12	+0	−11	−3	+2	−12	0	−1.38
*39590	H	08 05 24.56	+08 11 58.8	7.93		H	121.352 328 72	+08.199 657 44	A	1.87	6.16	−11.75	1.90	1.39	2.02	2.12	1.49	−12	+27	−22	+5	+2	−38	−2	+23	−10	+6	0	1.46
*39591	H	08 05 24.44	+05 49 39.0	7.23		H	121.351 841 62	+05.827 508 30	A	1.36	−9.78	−9.03	1.48	0.98	1.41	1.45	1.14	−24	+43	−34	−39	−12	−37	−28	+22	−5	−6	5	0.43
39592	H	08 05 25.19	−09 55 39.2	8.01		H	121.354 977 76	−09.927 554 87	A	1.24	6.14	−3.86	1.21	1.08	1.39	1.29	1.19	−35	+20	−26	−5	−8	−16	−15	+14	−3	−33	3	0.57
39593		08 05 25.24	+41 11 24.5	7.79		H	121.355 156 98	+41.190 136 02		2.74	3.40	−12.48	0.89	0.51	1.01	1.32	0.76	−1	+21	−1	+8	+10	+6	+6	−14	−13	−5	0	0.07
39594	H	08 05 27.96	+76 47 36.6	9.57		H	121.366 519 68	+76.793 502 13	A	4.11	−14.57	−58.49	1.45	1.66	1.98	1.42	1.89	−2	+13	−14	+4	+10	+2	+12	−20	−6	+10	1	−0.35
39595		08 05 29.17	−10 07 23.0	6.97		H	121.371 562 12	−10.123 042 63		3.17	0.34	−1.90	0.72	0.60	0.89	0.83	0.77	−8	+18	−27	−14	−9	−23	−20	+23	−17	−2	0	0.24
39596	H	08 05 30.48	−69 51 49.2	7.81		H	121.376 989 70	−69.863 680 27	A	2.62	2.64	−14.38	1.58	1.58	1.43	1.82	1.50	+4	+6	+2	+8	+3	+18	+2	−2	−6	−10	4	0.65
39597		08 05 31.46	−46 39 15.2	8.22		G	121.381 074 54	−46.654 211 11		2.20	−3.85	5.73	0.69	0.62	0.77	0.84	0.65	−1	+1	+7	−14	+1	−18	+2	−21	+8	−6	0	0.56
39598		08 05 31.70	−13 34 21.1	7.48		G	121.382 094 58	−13.572 539 97		4.33	−21.65	4.76	0.66	0.62	0.92	0.65	0.68	−31	+32	−39	−19	−13	−12	−23	+13	−7	−25	7	3.81
39599		08 05 31.77	−30 48 04.7	8.35		G	121.382 393 63	−30.801 297 98		4.53	3.93	5.10	0.57	0.76	0.97	0.69	0.80	+0	−5	+8	+21	+13	+22	+7	−20	−1	−10	0	−0.98
39600		08 05 33.01	−25 13 17.8	8.18		H	121.387 555 62	−25.221 613 37		5.17	2.33	21.76	0.55	0.61	1.00	0.54	0.64	−3	+9	−11	+23	+20	−3	+22	−20	+11	−2	0	0.95

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
39501	9.208	0.019	8.470	0.016		0.676	0.020	T	0.74	0.02	L	8.5258	0.0020	0.012	71		8.50	8.55		C			1							S
39502	8.411	0.014	8.130	0.014		0.276	0.015	G	0.31	0.02	H	8.1392	0.0018	0.011	72		8.12	8.16					1							S
39503	7.686	0.010	7.528	0.010		0.150	0.020	G	0.17	0.02	H	7.5667	0.0013	0.012	66		7.55	7.60					1							S
39504	7.861	0.009	8.004	0.012		−0.125	0.013	T	−0.11	0.02	L	8.0061	0.0022	0.015	76		7.99	8.03					1							S
39505	9.888	0.026	9.333	0.024		0.475	0.015	G	0.55	0.02	H	9.4012	0.0014	0.016	99		9.37	9.44		D			1							
39506	7.988	0.010	7.335	0.007		0.632	0.015	G	0.70	0.01	H	7.3816	0.0011	0.007	56		7.37	7.40		C			1							S
39507	8.101	0.017	7.837	0.014	A	0.324	0.072	G	0.28	0.05	L *	7.8247	0.0014	0.011	49 *		7.81	7.86		D	08045+1346	I 1	2 C	B	AB	118	5.485	0.033	3.08	0.11	S
39508	7.605	0.007	7.715	0.009	A	0.270	0.351	G	−0.10	0.02	L *	7.7139	0.0045	0.042	132 *		7.64	7.77		U 2 C	08045−4246	I 1	2 C	D	AB	301	4.402	0.065	4.26	0.30	S D
39509	9.479	0.019	7.848	0.009		1.390	0.017	T	1.61	0.07	O	7.8185	0.0015	0.014	110		7.80	7.84			08046−6250	I 2	1							
39510	7.918	0.008	7.686	0.009		0.216	0.012	T	0.24	0.01	L	7.7245	0.0016	0.015	90		7.70	7.75					1							S
39511	9.014	0.016	7.529	0.009		1.250	0.014	T	1.21	0.01	L	7.5514	0.0014	0.011	105		7.53	7.57		C			1							
39512	9.944	0.020	8.796	0.013		0.986	0.019	T	0.97	0.01	L	8.8528	0.0016	0.019	165		8.82	8.89					1							
39513	8.599	0.013	6.702	0.006		1.576	0.011	T	1.59	0.01	L	6.6537	0.0014	0.010	94		6.64	6.67					1							S
39514	8.260	0.017	6.507	0.007	*	1.461	0.014	T	1.47	0.02	L *	6.4803	0.0012	0.012	167 *		6.46	6.50		U 2	08045−2542	I 1	2 C	A	AB	24	1.853	0.016	3.36	0.08	S
39515	9.495	0.027	8.497	0.019		0.850	0.015	G	0.89	0.01	H	8.5920	0.0037	0.016	50		8.57	8.62					1							
39516	8.957	0.012	8.761	0.013		0.187	0.017	T	0.21	0.02	L	8.8008	0.0020	0.020	130		8.76	8.84					1							
39517	7.433	0.007	7.074	0.006		0.333	0.002	G	0.39	0.00	H	7.1259	0.0007	0.008	113		7.11	7.14		C			1							S P
39518	7.835	0.008	7.815	0.010	A						T *	7.7161	0.0025	0.024	169 *		7.68	7.75		U 2	08046+5445	I 1	2 C	A	AB	244	1.698	0.005	1.80	0.02	S
39519	11.693	0.102	10.431	0.048	*	1.075	0.088	T	1.04	0.07	L *	10.4859	0.0031	0.030	115 *		10.43	10.53		D	08046−5651	H 1	2 C	A	AB	256	0.496	0.010	1.59	0.06	G
39520	8.183	0.006	7.876	0.007		0.299	0.015	G	0.34	0.02	H	7.9234	0.0011	0.014	239		7.90	7.95					1							S
39521	9.418	0.013	7.566	0.006		1.572	0.012	T	2.38	0.03	O	7.3775	0.0040	0.041	180		7.32	7.47		U 2 C			1	S						P
39522	9.407	0.024	8.378	0.017		0.896	0.022	T	0.90	0.02	L	8.4207	0.0018	0.012	53		8.40	8.44		C			1							
39523	8.241	0.012	7.001	0.007		1.058	0.011	T	1.02	0.01	L	7.0584	0.0012	0.010	74		7.04	7.08					1	G						S
39524	5.904	0.004	6.080	0.004		−0.154	0.005	T	−0.15	0.01	L	6.0693	0.0014	0.009	83		6.06	6.09					1							S
39525	9.261	0.017	8.744	0.017		0.486	0.022	T	0.56	0.02	L	8.7879	0.0022	0.018	85		8.76	8.81		C			1							
39526	10.864	0.056	9.200	0.023		1.391	0.048	T	1.36	0.06	L	9.2295	0.0026	0.017	77		9.20	9.25		C			1							
39527	7.502	0.005	6.088	0.003		1.213	0.005	G	1.15	0.04	E	6.1211	0.0006	0.006	123		6.11	6.13		C			1							S
39528	9.260	0.015	8.456	0.012		0.727	0.015	T	0.78	0.01	L	8.5724	0.0017	0.015	114		8.55	8.59		C			1							
39529	9.788	0.020	9.398	0.021		0.381	0.025	T	0.45	0.03	L	9.4373	0.0022	0.017	112		9.41	9.47		C			1							
39530	6.122	0.003	6.234	0.005		−0.093	0.006	G	−0.07	0.01	H	6.2267	0.0042	0.032	115		6.16	6.27	1.02	P 1 A	08046−6250	I 2	1							S
39531	10.384	0.044	8.551	0.018		1.525	0.038	T	1.56	0.06	L	8.4919	0.0023	0.014	70		8.47	8.52		C			1							
39532	10.692	0.040	9.361	0.021		1.129	0.035	T	1.09	0.04	L	9.3928	0.0022	0.019	101		9.35	9.42		C			1							
39533	8.829	0.017	8.317	0.017	*	0.481	0.022	T	0.55	0.02	L *	8.4828	0.0021	0.016	92 *		8.46	8.52		D	08047+4717	I 1	2 C	D	AC	214	5.860	0.003	0.36	0.02	S D
39534	10.308	0.033	9.088	0.020		1.043	0.030	T	1.01	0.03	L	9.1513	0.0020	0.016	86		9.12	9.18		C			1							
39535	6.163	0.004	6.203	0.006		−0.042	0.004	G	0.00	0.00	L	6.2065	0.0012	0.007	56		6.20	6.22		C			1							S
39536	9.254	0.014	9.103	0.017		0.145	0.021	T	0.16	0.02	L	9.1306	0.0017	0.017	134		9.11	9.17		C			1							
39537	9.948	0.016	8.685	0.010		1.076	0.015	T	1.04	0.01	L	8.7323	0.0017	0.025	201		8.70	8.78					1	S						
39538	5.340	0.002	5.387	0.002		−0.040	0.002	T	−0.02	0.00	L	5.3833	0.0004	0.005	155		5.37	5.39		D	08048+7929	I 1	1	S						S
39539	8.795	0.009	7.807	0.007		0.865	0.008	T	0.88	0.01	L	7.8700	0.0012	0.015	172		7.85	7.89		C			1							S
39540	7.516	0.010	7.788	0.012		−0.248	0.012	G	−0.27	0.01	H	7.7557	0.0015	0.008	48		7.74	7.77		C			1							S
39541	9.526	0.019	7.527	0.008		1.693	0.017	T	1.97	0.06	O	7.4198	0.0061	0.036	76		7.37	7.46		U 2			1	S						S P
39542	10.092	0.023	9.926	0.029		0.240	0.020	G	0.27	0.03	H	10.0371	0.0023	0.030	238		9.99	10.09		C			1	S						G
39543	10.085	0.022	8.558	0.011		1.285	0.020	T	1.24	0.02	L	8.5582	0.0017	0.017	132		8.53	8.58		C			1							
39544	7.622	0.009	7.719	0.011		−0.084	0.013	T	−0.06	0.01	L	7.7153	0.0011	0.009	58		7.70	7.75		D			1							S
39545	9.995	0.020	9.755	0.023		0.229	0.029	T	0.25	0.04	L	9.9009	0.0022	0.031	239		9.85	9.95					1							G
39546	9.377	0.015	8.450	0.011		0.806	0.014	T	0.83	0.01	L	8.5031	0.0011	0.010	148		8.49	8.52		C			1							
39547	9.244	0.018	9.046	0.021		0.189	0.026	T	0.21	0.03	L	9.0731	0.0015	0.013	90		9.05	9.09					1	S						
39548	9.083	0.019	8.918	0.023		0.158	0.028	T	0.17	0.03	L	8.9916	0.0025	0.014	55		8.96	9.03					1							
39549	10.650	0.036	9.224	0.018		1.204	0.032	T	1.16	0.03	L	9.2788	0.0023	0.022	122		9.24	9.31		C			1							
39550	9.351	0.027	7.941	0.016		1.191	0.025	T	1.15	0.02	L	7.9827	0.0018	0.012	49		7.96	8.00		C			1	S						
39551	8.678	0.009	8.609	0.011		0.062	0.013	T	0.07	0.01	L	8.6823	0.0015	0.019	164		8.66	8.72					1							
39552	8.846	0.011	8.545	0.012		0.286	0.015	T	0.33	0.02	L	8.5533	0.0013	0.016	122		8.52	8.59		D	08049−5747	I 1	1	S						
39553	8.812	0.016	8.148	0.014		0.615	0.018	T	0.68	0.02	L	8.2255	0.0016	0.012	58		8.20	8.24		C			1	G						S
39554	9.944	0.034	8.965	0.024		0.859	0.031	T	0.87	0.02	L	9.0125	0.0023	0.015	63		8.99	9.04		C			1							
39555	9.255	0.015	8.712	0.014	*	0.509	0.019	T	0.58	0.02	L *	8.7617	0.0016	0.015	110 *		8.74	8.79		D	08050+5825	I 1	2 C	A	AB	159	0.253	0.005	0.65	0.08	
39556	6.989	0.005	6.979	0.006		0.011	0.002	G	0.03	0.00	H	6.9919	0.0006	0.005	98		6.98	7.00					1							S
39557	10.221	0.024	8.190	0.009		1.682	0.020	T	1.71	0.02	L	8.0812	0.0016	0.015	131		8.05	8.10		M			1							
39558	8.415	0.023	7.382	0.017		0.899	0.021	T	0.90	0.01	L	7.4364	0.0018	0.009	39		7.43	7.46					1							S
39559	8.609	0.010	7.749	0.008		0.770	0.010	T	0.81	0.01	L	7.8225	0.0013	0.015	163		7.79	7.85		C	08050−2226	I 1	1							
39560	9.263	0.016	8.788	0.016		0.461	0.015	G	0.53	0.02	H	8.8596	0.0023	0.019	113		8.82	8.90					1	G						
39561	8.351	0.015	7.799	0.014	*	0.546	0.015	G	0.62	0.01	H *	7.7576	0.0010	0.012	142 *		7.74	7.78		D	08050−3419	I 1	2 C	A	AB	318	0.951	0.002	0.07	0.01	S
39562	7.512	0.022	7.563	0.022	A						T *	7.2857	0.0011	0.009	113 *		7.27	7.30		D	08050−6023	I 1	2 C	A	AB	353	1.599	0.003	0.91	0.01	S
39563	9.736	0.022	9.089	0.020		0.600	0.026	T	0.67	0.02	L	9.1618	0.0019	0.018	96		9.13	9.20		C			1							
39564	8.156	0.010	8.012	0.011		0.139	0.014	T	0.15	0.01	L	8.0558	0.0017	0.009	77		8.04	8.07		C			1							S
39565	7.136	0.005	6.660	0.004		0.448	0.006	T	0.52	0.01	L	6.7162	0.0007	0.009	163		6.70	6.73		C			1							S
39566	7.265	0.005	5.666	0.003		1.347	0.007	G	1.25	0.04	E	5.6742	0.0007	0.007	123		5.66	5.68		C			1							S
39567	5.167	0.004	5.148	0.004		0.018	0.005	T	0.04	0.01	L	5.1590	0.0007	0.004	52		5.15	5.17		C			1							S
39568	10.551	0.035	9.368	0.020		1.014	0.031	T	0.99	0.03	L	9.4396	0.0018	0.016	94		9.41	9.47		C			1							
39569	9.655	0.015	9.459	0.017		0.180	0.022	T	0.20	0.03	L	9.5223	0.0021	0.028	246		9.47	9.57		C	08051−2805	I 1	1							G
39570	8.818	0.009	8.726	0.011		0.083	0.013	T	0.10	0.01	L	8.7808	0.0021	0.022	181		8.75	8.83					1							
39571	8.294	0.010	8.352	0.014	B	−0.015	0.015	G	0.01	0.01	H	8.3814	0.0084	0.019	122	B	8.33	8.41		D	08052−4525	I 2	1 C P	D						D
39572	7.528	0.006	7.108	0.006		0.399	0.009	G	0.46	0.01	H	7.1565	0.0011	0.012	109		7.14	7.18		C			1							S
39573	8.596	0.012	8.631	0.016	A	−0.050	0.015	G	−0.03	0.01	H	8.6816	0.0099			A				D	08052−4525	I 2	1 C I	D						D
39574	9.838	0.016	9.571	0.018		0.238	0.006	G	0.27	0.01	H	9.6994	0.0020	0.028	248		9.65	9.76					1							G
39575	8.511	0.012	8.518	0.015	A	−0.039	0.002	G	−0.02	0.00	H	8.5715	0.0093	0.022	85	A	8.54	8.61			08052−1924	I 1	2 C	C	AB	59	10.323	0.049	3.74	0.29	
39576	8.401	0.010	8.465	0.013		−0.070	0.015	G	−0.05	0.01	H	8.4832	0.0014	0.012	105		8.46	8.51					1							
39577	9.951	0.025	9.122	0.020		0.730	0.024	T	0.78	0.02	L	9.1955	0.0017	0.017	103		9.17	9.22		C			1							
39578	8.936	0.020	8.809	0.025		0.123	0.030	T	0.14	0.03	L	8.7993	0.0028	0.013	54		8.78	8.83		C			1							
39579	9.740	0.030	9.224	0.028		0.485	0.037	T	0.56	0.04	L	9.3424	0.0027	0.016	70		9.32	9.38		C			1							
39580	8.572	0.010	7.844	0.008		0.668	0.010	T	0.73	0.01	L	7.8793	0.0014	0.014	151		7.85	7.90		M			1							S
39581	8.454	0.010	8.509	0.014		−0.046	0.016	T	−0.02	0.02	L	8.5286	0.0017	0.015	109		8.50	8.55					1							
39582	8.618	0.021	8.561	0.026		0.057	0.031	T	0.07	0.02	L	8.5641	0.0019	0.012	35		8.55	8.59					1							
39583	11.681	0.097	8.741	0.013		2.336	0.071	T	2.39	0.07	L	8.4882	0.0087	0.091	144		8.36	8.61		U 2			1							
39584	5.989	0.003	6.149	0.004		−0.138	0.004	T	−0.13	0.01	L	6.1349	0.0022	0.019	111		6.09	6.16		U 2 C			1							S
39585	8.218	0.009	8.235	0.011		−0.018	0.015	G	0.00	0.01	H	8.2364	0.0014	0.012	112		8.22	8.26		C			1							
39586	10.828	0.058	8.956	0.021		1.556	0.049	T	1.57	0.05	L	8.9067	0.0019	0.017	85		8.88	8.95					1							
39587	10.037	0.036	8.065	0.014		1.590	0.020	G	1.60	0.09	H	8.0450	0.0020	0.011	52		8.03	8.06		C			1							
39588	8.714	0.011	8.631	0.013		0.082	0.016	T	0.09	0.02	L	8.6635	0.0016	0.015	105		8.64	8.69		C			1							
39589	9.887	0.021	9.150	0.018		0.660	0.021	T	0.72	0.02	L	9.2445	0.0021	0.017	107		9.21	9.27					1							
39590	8.891	0.026	7.928	0.019	*	0.847	0.024	T	0.86	0.02	L *	8.0821	0.0024	0.015	49 *		8.06	8.10		D	08054+0812	I 1	2 C	A	AB	141	5.170	0.006	1.28	0.04	S
39591	7.195	0.014	7.167	0.018	*	0.031	0.021	T	0.05	0.02	L *	7.2499	0.0012	0.008	47 *		7.24	7.27		D	08054+0550	I 1	2 C	A	AB	74	4.684	0.004	1.42	0.02	S
39592	10.084	0.031	8.208	0.013	A	−0.300	0.495	G	1.63	0.07	M *	8.1238	0.0026	0.019	72 *		8.09	8.15			08054−0956	I 1	2 C	D	AB	185	4.206	0.054	3.93	0.24	D
39593	7.999	0.008	7.809	0.011		0.182	0.013	T	0.20	0.01	L	7.8534	0.0021	0.014	99		7.83	7.88					1							S
39594	9.941	0.026	9.378	0.025	*	0.527	0.032	T	0.60	0.03	L *	9.6891	0.0023	0.023	150 *		9.63	9.74		R	08055+7648	I 1	2 C	A	AB	222	3.659	0.007	1.07	0.03	
39595	6.944	0.007	6.969	0.008		−0.018	0.010	T	0.00	0.01	L	6.9778	0.0013	0.009	66		6.96	6.99		C			1							S
39596	9.400	0.029	7.876	0.014	*	1.281	0.025	T	1.24	0.03	L *	7.9698	0.0022	0.013	93 *		7.95	7.99		D	08055−6952	I 1	2 C	A	AB	191	5.828	0.004	0.04	0.01	S
39597	10.354	0.031	8.413	0.012		1.527	0.015	G	1.57	0.03	H	8.3517	0.0014	0.012	105		8.33	8.37		C			1							
39598	7.529	0.006	7.489	0.007		0.031	0.002	G	0.05	0.00	H	7.4946	0.0010	0.009	116		7.48	7.51			08055−1334	I 1	1							S
39599	8.773	0.010	8.394	0.010		0.396	0.015	G	0.46	0.02	H	8.4451	0.0016	0.019	160		8.41	8.48		C			1							
39600	9.872	0.016	8.320	0.008		1.303	0.014	T	1.26	0.01	L	8.3344	0.0015	0.019	197		8.30	8.37					1							

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion μα* mas/yr 12	μδ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	μα* mas/yr 17	μδ mas/yr 18	Astrometric Correlations (%) δ α* 19	π α* 20	π δ 21	μα* α* 22	μα* δ 23	μα* π 24	μδ α* 25	μδ δ 26	μδ π 27	μδ μα* 28	Soln F1 % 29	F2 30
39601		08 05 33.20	+13 30 15.0	6.79		H	121.388 336 93	+13.504 172 07		3.89	0.27	−10.24	0.84	0.65	1.02	0.97	0.78	−24	+32	−35	−15	−6	−39	−24	+31	−8	−17	0	−0.73
39602		08 05 33.92	−28 08 58.4	9.52		G	121.391 323 08	−28.149 550 19		3.51	−5.05	7.63	0.68	1.14	1.61	0.80	1.23	+20	−3	−7	−13	−5	+12	−5	−23	+5	+15	0	2.01
*39603		08 05 34.01	+26 06 57.3	8.12		H	121.391 728 86	+26.115 903 41		3.66	0.78	−4.47	0.87	0.54	0.96	0.89	0.62	−32	+38	−14	−20	−1	−2	−6	−24	−6	−56	0	0.89
*39604		08 05 34.01	+00 41 35.7	8.33		G	121.391 690 93	+00.693 249 91		0.42	−9.17	−0.81	1.07	0.63	1.15	1.52	0.98	−7	+27	−25	−17	+0	−7	−13	+19	−7	+30	0	−3.17
39605		08 05 36.16	+31 18 56.7	8.18		H	121.400 655 20	+31.315 747 73		2.84	3.94	−0.71	1.06	0.71	1.33	1.54	0.88	−34	+16	−21	−6	+14	−37	+5	−21	−5	−30	0	−0.30
39606	H	08 05 36.53	−29 59 32.9	8.91		H	121.402 200 43	−29.992 462 10	*	3.38	−7.88	8.00	1.66	2.13	1.89	1.48	1.76	+9	+7	+11	+9	+12	+1	+9	+0	−6	−12	1	0.78
39607	H	08 05 37.05	+27 31 47.1	6.21		G	121.404 390 59	+27.529 762 78	A	3.49	5.34	−11.11	1.08	0.72	1.09	1.09	0.76	−35	+11	−18	−7	−3	+0	−8	−10	−5	−43	6	1.05
39608		08 05 38.04	+64 53 05.0	9.06		H	121.408 482 54	+64.884 726 31		2.53	17.70	5.35	0.84	0.95	1.35	0.96	1.05	+1	+0	−13	+6	+17	+5	+23	−16	+20	+33	0	0.96
39609		08 05 39.10	−08 27 00.6	8.09		H	121.412 936 04	−08.450 179 87		3.60	−18.48	19.07	0.87	0.67	1.10	1.16	0.78	−29	+23	−29	−4	+16	−23	+9	+2	+3	−10	0	0.79
39610	H	08 05 39.85	−29 59 31.2	8.22		G	121.416 043 48	−29.991 992 47	A	3.10	−8.07	7.19	1.06	1.44	1.72	1.22	1.63	+8	+8	+7	+18	+12	+0	+13	+7	−5	+5	2	0.31
39611		08 05 40.06	−59 25 26.6	10.38	2	H	121.416 902 08	−59.424 049 58		27.56	−19.34	59.32	1.33	1.22	1.39	1.55	1.45	−16	−8	+18	+3	+11	+5	+13	−18	−1	−22	3	3.33
39612		08 05 42.03	+34 04 41.2	10.16		G	121.425 110 82	+34.078 114 31		36.50	147.12	−227.46	1.92	1.09	1.87	2.72	1.73	+3	+14	−11	−36	−19	+0	−24	−13	+6	+21	3	2.23
39613		08 05 43.07	−45 10 16.4	7.05		H	121.429 458 81	−45.171 214 08		2.03	−5.89	6.92	0.50	0.48	0.60	0.62	0.47	+0	+4	+23	+11	+0	−15	+1	−10	+12	−9	3	3.61
39614		08 05 43.99	+29 16 40.9	10.20		H	121.433 275 21	+29.278 028 79		2.27	−8.42	−1.93	1.48	0.94	1.73	1.65	1.20	−34	+41	−16	+1	+6	+15	−6	−20	−27	−42	4	−0.06
39616		08 05 44.35	+68 22 55.7	8.16		H	121.434 806 05	+68.382 132 22		16.92	−213.62	−223.11	0.42	0.64	0.87	0.45	0.69	+50	+7	−3	−36	−35	+3	−36	−46	−7	+46	0	0.45
39617		08 05 44.89	−33 34 10.0	6.15		G	121.437 040 92	−33.569 445 72	A	0.96	−7.62	4.24	0.90	1.00	1.04	0.92	0.91	+8	+9	+16	+14	−7	+3	−4	−12	+10	+8	1	1.22
39618		08 05 46.21	−16 21 46.9	9.67		G	121.442 533 98	−16.363 038 05		−0.17	0.02	7.08	0.89	0.82	1.32	1.09	1.14	−10	+26	−18	−15	+1	−15	+1	+12	+2	−14	0	1.14
39619		08 05 46.47	−33 19 59.2	7.90		H	121.443 606 18	−33.333 105 75		3.37	−12.65	−0.07	0.51	0.61	0.82	0.59	0.66	+14	+7	+10	+15	−10	+10	−10	−13	+3	+13	0	−1.67
39620		08 05 46.65	−33 34 09.3	8.66		G	121.444 394 50	−33.569 244 11	B	0.96	−7.62	4.24	37.53	39.71	1.04	0.92	0.91	+8	+4	−1	−5	−4	+3	−2	−1	+10	+8	1	1.22
39621		08 05 47.71	+02 09 54.4	6.82		H	121.448 782 31	+02.165 112 10		2.23	−0.86	−9.64	0.97	0.66	1.09	1.15	0.85	−39	+46	−46	−16	+7	−6	+0	+16	+6	−1	0	−0.43
39622		08 05 47.93	+03 10 20.3	7.67		H	121.449 727 27	+03.172 311 96		4.74	29.22	−34.09	1.04	0.73	1.08	1.43	0.99	+13	+15	−25	−21	−18	−9	−25	+20	+1	+28	0	0.49
39623		08 05 48.48	−45 59 45.6	8.31		G	121.451 996 16	−45.995 986 74		1.87	−6.23	7.21	0.58	0.52	0.64	0.64	0.53	−8	+0	+18	−17	+3	−3	+4	−15	+1	−15	0	−0.31
39624		08 05 49.19	+20 48 13.2	9.36		H	121.454 965 96	+20.803 661 93		17.13	4.92	38.10	1.27	0.98	1.46	1.46	1.16	−29	+28	−32	+3	−6	−24	−19	+29	−10	−14	0	−0.85
39625		08 05 49.64	−00 34 24.0	6.40		G	121.456 838 95	−00.573 322 66		4.58	−13.47	1.09	0.80	0.47	0.95	0.91	0.59	−32	+51	−35	−19	+14	−28	−7	+17	−15	+10	2	1.68
39626		08 05 49.93	−06 26 41.7	9.03		H	121.458 048 15	−06.444 927 86		4.66	−13.68	3.38	1.00	0.80	1.39	1.18	0.88	−30	+26	−33	+6	−6	−33	−19	+22	−1	−23	0	0.15
39627		08 05 50.90	+62 32 39.9	8.92		H	121.462 091 50	+62.544 427 12		0.60	−4.44	3.26	0.93	0.78	1.27	0.96	0.88	+13	+18	−10	+7	+20	+3	+30	−16	+16	+42	0	−0.76
39628		08 05 54.39	+36 53 03.8	9.00		H	121.476 632 63	+36.884 379 26		7.67	−35.90	−30.23	1.18	0.74	1.29	1.49	1.13	−18	+39	−21	+5	−10	−14	−11	+8	+6	+5	0	−1.02
39629		08 05 55.28	−56 09 59.8	8.88		H	121.480 314 75	−56.166 617 63		4.03	−9.76	6.79	0.76	0.67	0.77	0.89	0.73	+6	+3	−3	+2	−13	+7	−12	−7	+11	+2	0	−1.69
39630		08 05 55.39	+32 25 27.1	8.27		G	121.480 788 89	+32.424 199 92		6.66	−12.33	−29.59	0.96	0.75	1.11	1.17	0.81	−41	+17	−33	−13	+1	−1	+1	−12	−5	−38	0	1.84
39631		08 05 56.90	−26 49 10.4	9.69		H	121.487 103 10	−26.819 551 64		7.77	10.10	−54.01	0.86	1.00	1.45	0.95	1.03	+2	+6	−1	+30	+1	+17	−4	−26	+13	−7	1	−0.92
39632		08 05 58.27	+09 19 50.5	9.13		H	121.492 811 18	+09.330 697 43		4.10	−1.55	−4.02	1.30	0.93	1.45	1.56	1.28	−9	+19	−31	−45	+2	−21	−9	−9	−30	−7	0	−0.28
39633		08 05 58.68	−66 05 04.9	9.25		H	121.494 513 33	−66.084 707 74		7.80	−26.27	74.58	0.76	0.83	0.90	0.73	0.93	+0	+12	−4	−26	−14	−17	−11	−8	+20	−25	0	−1.04
39634		08 05 58.84	−19 53 33.2	6.97		H	121.495 149 30	−19.892 550 20		4.90	−15.70	15.23	0.68	0.50	0.76	0.87	0.77	+0	−1	−19	−30	+8	−10	+14	−6	−3	−26	0	−0.18
39635		08 05 59.04	+06 00 00.6	8.98	2	H	121.495 995 72	+06.000 154 07		0.29	0.27	2.03	1.46	1.00	1.76	1.63	1.28	−23	+48	−37	−22	−6	−26	−30	+32	−26	+8	0	−1.15
39636		08 05 59.32	+71 47 24.9	7.43		H	121.497 151 27	+71.790 242 21		5.60	−4.95	−38.08	0.47	0.57	0.78	0.52	0.62	+33	+13	−8	+10	+0	+4	+1	+3	−5	+44	0	−0.26
39637	H	08 05 59.52	−31 50 25.6	11.15	2	H	121.497 986 17	−31.840 455 28	*	−0.12	−2.99	7.40	9.72	15.80	3.28	2.26	2.85	−82	+1	−1	−3	+2	−2	+4	−9	−13	−22	1	1.48
39638		08 06 02.06	+36 16 21.1	7.07		G	121.508 590 59	+36.272 539 92		10.66	−15.24	−43.87	0.89	0.52	0.99	1.04	0.78	−4	+53	−4	+2	+12	−28	+14	−9	−3	+14	0	0.17
39639		08 06 02.55	+59 14 55.5	6.69		H	121.510 609 32	+59.248 736 20		4.23	−3.78	10.32	0.59	0.48	0.79	0.73	0.63	−12	+25	−7	−30	+3	−4	+0	−11	+15	+23	2	2.19
39640		08 06 03.24	−34 45 18.2	8.07		G	121.513 493 33	−34.755 060 31		2.80	−9.48	7.67	0.50	0.55	0.70	0.54	0.58	+3	+5	+6	+6	+2	+2	+1	−5	+10	−6	0	−1.61
*39641	H	08 06 03.47	−00 46 35.0	8.51		H	121.514 457 22	−00.776 395 94	A	9.86	89.03	−59.05	3.71	2.03	3.72	4.47	2.90	−22	+37	−23	−23	+10	−34	−3	+2	−10	−6	1	0.90
*39642		08 06 03.44	−64 22 37.0	7.58		H	121.514 342 66	−64.376 939 87		5.04	−22.77	25.96	0.53	0.51	0.58	0.49	0.54	+5	+23	+6	−41	−16	−28	−7	−20	+21	−32	0	2.88
39643		08 06 03.85	+58 09 50.3	8.51		G	121.516 035 78	+58.163 973 55		6.58	−3.70	5.38	0.86	0.66	1.11	1.29	1.09	−11	+2	−11	−16	−24	+21	−25	−8	+7	−12	0	−0.51
39644		08 06 04.16	+18 44 47.1	8.82		H	121.517 319 44	+18.746 409 21		5.44	−4.41	−2.09	1.10	0.76	1.19	1.23	0.87	+11	+5	−39	−26	−12	−25	−24	+13	−13	+6	0	0.81
39645		08 06 04.39	+71 12 45.2	9.24		H	121.518 305 61	+71.212 558 82		7.75	−26.30	−78.35	0.73	0.88	1.24	0.75	0.92	+31	+10	−8	+13	−2	+9	−3	+12	−14	+35	0	−0.56
39646	H	08 06 06.53	−02 46 47.6	9.01		H	121.527 194 91	−02.779 877 54	A	9.47	32.38	−7.73	10.64	2.74	2.06	2.19	1.65	−49	+0	−25	+7	+16	−36	+5	+17	−15	−27	1	−0.71
39647		08 06 07.28	−20 31 24.4	8.85		H	121.530 317 48	−20.523 454 98		1.82	−1.04	4.47	0.83	0.89	1.20	1.17	1.27	−16	−7	−22	−18	+5	−7	+7	+3	+3	−31	0	−1.31
39648		08 06 07.33	+25 29 37.9	8.10	2	H	121.530 539 84	+25.493 870 54		1.75	−2.39	7.64	0.87	0.59	0.95	1.00	0.72	−46	+19	−6	−27	+15	+9	+10	−34	−17	−66	0	0.44
39649		08 06 08.99	+34 39 44.7	9.46		H	121.537 473 90	+34.662 413 62		2.27	11.28	−24.08	1.54	1.00	1.74	2.11	1.42	−11	+23	−27	−17	+1	−17	−5	−13	−8	+20	0	2.31
39650		08 06 09.10	+15 20 48.1	7.58		G	121.537 909 43	+15.346 696 36		16.03	−47.18	−3.38	0.97	0.69	1.08	1.20	0.90	−5	+16	−9	−10	−24	−40	−28	+32	+8	−14	0	0.32
39651		08 06 09.13	−36 24 22.9	8.19		H	121.538 055 85	−36.406 369 24		2.71	−14.30	−9.25	0.62	0.66	0.85	0.62	0.78	+10	−21	−13	−3	−8	+5	−10	−16	+6	+1	1	−1.63
39652		08 06 11.11	−40 21 01.6	8.69		H	121.546 278 86	−40.350 441 43		1.55	−0.84	−2.54	0.63	0.67	0.82	0.66	0.67	−6	+1	+8	−10	+1	+11	+0	−20	+14	−14	0	−0.13
*39653	H	08 06 15.09	+02 00 46.8	10.28		G	121.562 884 34	+02.012 991 09	A	−6.17	3.30	3.50	10.21	10.39	5.36	10.84	10.23	−24	+33	−30	−59	+5	−9	+11	−53	−1	−17	35	0.95
*39654		08 06 13.79	−07 45 27.8	8.49		H	121.557 449 03	−07.757 718 04		1.86	−1.10	3.14	0.77	0.68	1.12	0.95	0.79	−28	+12	−30	+0	+1	−18	−6	+18	−16	−22	0	0.17
*39655		08 06 14.00	+01 10 38.6	7.32		H	121.558 350 63	+01.177 388 83		−0.37	9.40	−5.12	0.97	0.53	1.05	1.27	0.88	−16	+24	−17	−10	+11	−8	−5	+32	−14	+19	0	−0.59
39656		08 06 15.23	−40 20 37.2	8.16		H	121.563 455 21	−40.343 658 18		2.46	0.12	−0.04	0.56	0.58	0.72	0.60	0.56	−8	−4	+12	−5	+9	+17	+4	−25	+13	−14	1	−0.89
39657	H	08 06 15.67	−40 05 58.8	7.27		H	121.565 285 94	−40.099 653 25	A	3.56	−9.28	1.58	0.93	0.86	0.92	0.76	0.75	+1	−7	+10	−24	+3	+1	+3	−18	+6	−16	1	0.36
39658		08 06 17.29	−18 22 23.3	7.59		H	121.572 047 31	−18.373 132 42		4.87	−15.74	−15.15	0.60	0.54	0.84	0.74	0.72	−4	+26	−9	+10	−3	−26	−3	+27	+6	−12	0	−2.38
39659		08 06 18.40	+22 38 07.8	5.96	2	H	121.576 664 69	+22.635 511 63		5.21	−7.43	−9.03	0.71	0.44	0.78	0.76	0.45	−41	+39	−24	−19	+0	−17	+2	−27	+18	−62	0	0.95
39660		08 06 18.45	−61 32 04.0	9.00		H	121.576 869 41	−61.534 438 21		5.19	−23.07	75.98	0.79	0.81	0.86	0.88	0.81	−12	−12	+18	+10	+7	+9	+3	−17	+7	−11	0	1.25
39661		08 06 18.84	+07 06 05.7	9.49		H	121.578 507 42	+07.101 571 10		3.53	−3.33	−11.35	1.57	1.04	1.65	1.72	1.26	−9	+34	−35	−48	−4	−24	−15	−4	−9	+0	0	0.59
39662		08 06 19.18	−38 53 48.6	6.91		H	121.579 935 60	−38.896 837 85		6.03	1.24	48.28	0.46	0.47	0.58	0.50	0.44	+2	−6	−2	+17	+4	−10	+0	−27	+6	−6	1	−0.19
39663		08 06 19.47	−34 02 30.2	8.96	2	H	121.581 117 55	−34.041 726 39		7.46	17.00	−66.32	0.69	0.71	0.99	0.80	0.72	+8	+3	+20	+31	+5	+3	+2	+6	+15	+0	0	1.72
39664		08 06 20.24	+00 18 20.4	8.39		H	121.584 346 18	+00.305 655 66		1.18	−4.97	2.31	0.96	0.55	1.05	1.23	0.81	−14	+34	−10	−6	−2	−7	−10	+18	−11	+4	0	0.09
39665		08 06 20.28	−54 02 45.9	7.97		H	121.584 517 23	−54.046 093 34		6.46	−9.48	−19.40	0.61	0.59	0.66	0.84	0.59	−1	+13	+18	−2	+10	−8	+9	−33	+5	−8	0	−0.38
39666		08 06 21.48	−30 05 48.8	9.98	3	H	121.589 484 27	−30.096 886 58		4.88	0.02	1.69	1.00	1.26	1.72	1.36	1.61	+14	+20	+17	+1	−5	+2	−11	−28	−17	−3	0	0.55
39667		08 06 21.52	+34 46 19.1	10.01		H	121.589 685 80	+34.771 961 97		9.15	5.53	−22.29	1.53	0.98	1.67	1.91	1.43	−14	+31	−17	−16	+1	−14	−1	−15	+1	+4	0	1.80
39668		08 06 21.56	+41 59 08.1	8.04		G	121.589 852 26	+41.985 594 51	A	4.49	−13.61	−17.64	2.63	1.47	2.26	3.30	2.09	+9	+5	+5	+2	−30	+23	−34	+24	+0	−13	2	0.30
39669		08 06 22.43	−00 06 45.9	9.92		G	121.593 452 78	−00.112 763 39		15.82	111.03	−229.28	1.38	0.83	1.56	1.81	1.20	−26	+39	−19	−6	+3	−20	−8	+23	−10	+0	0	−0.24
39670		08 06 22.57	+41 59 27.8	10.32		H	121.594 053 73	+41.991 045 53	B	−0.37	−64.04	−2.97	46.31	25.17	28.17	36.03	24.27	+6	+6	−1	−6	−20	+30	−24	+6	−1	−13	2	0.30
39671		08 06 24.67	−22 13 36.9	7.85		H	121.602 797 04	−22.226 923 11		2.15	−12.62	−7.29	0.79	0.72	1.08	0.95	0.95	−10	+24	−16	+0	−1	+3	−4	+0	−14	−11	0	−1.17
*39672		08 06 26.33	−02 23 37.7	7.32		H	121.609 696 18	−02.393 818 56		3.40	−8.90	−4.81	0.83	0.54	1.01	1.07	0.75	−16	+17	−14	+15	+8	−12	+4	+20	−15	−7	4	−0.41
*39673		08 06 26.30	−09 14 14.4	7.93		G	121.609 588 85	−09.237 320 93		2.97	−2.81	3.50	0.83	0.76	1.16	0.96	0.95	−15	+11	−29	−9	+2	−34	−11	+18	−11	−10	9	2.36
39674		08 06 26.69	+76 08 25.0	10.69		H	121.611 227 16	+76.140 276 33		0.38	−10.13	−0.24	1.09	1.22	1.63	1.26	1.72	−1	+13	−1	−13	+2	+3	+8	−40	−6	+16	1	−1.91
39675		08 06 27.42	−09 14 40.1	6.25		G	121.614 233 28	−09.244 469 94		4.11	−5.84	5.19	0.60	0.52	0.80	0.72	0.63	−11	+13	−30	+7	+4	−28	−7	+30	−13	+1	0	−0.01
39676		08 06 30.97	−20 20 03.7	8.13		H	121.629 028 57	−20.334 370 47		3.18	−5.47	0.23	0.82	0.73	1.04	1.06	0.98	−3	−13	−36	−36	+12	−13	+15	+0	−10	−22	2	0.34
39677		08 06 31.58	+46 09 05.0	9.51		H	121.631 592 89	+46.151 380 38		3.80	−2.04	−30.76	1.33	0.64	1.29	1.74	0.88	+30	+25	+4	−17	−18	−5	−19	−15	−7	+15	0	0.96
39678		08 06 31.93	−30 48 37.7	8.92		H	121.633 049 26	−30.810 459 14		4.16	−6.74	21.30	0.75	0.89	1.29	0.88	0.94	+6	+6	+29	+35	+10	+18	−5	−17	−15	−18	1	1.01
39679		08 06 32.40	−49 12 07.4	8.23		G	121.635 000 84	−49.202 062 23		1.96	−10.60	5.53	0.61	0.57	0.69	0.76	0.57	+10	+21	+6	+6	−6	+15	+0	−27	+23	+17	0	0.01
39680		08 06 33.74	−56 16 20.4	9.50		H	121.640 592 00	−56.272 329 43		16.41	−45.30	144.35	0.90	0.82	0.93	1.03	0.87	+6	+8	−2	+1	−12	+2	−12	−18	−1	−1	0	−0.04
39681		08 06 34.49	+22 27 24.7	7.20		H	121.643 727 08	+22.456 855 40		15.55	−128.52	−48.80	2.25	1.46	2.48	2.63	1.69	−34	+20	−23	−20	+0	−13	−1	−21	+12	−52	0	
39682		08 06 35.13	−42 51 52.4	8.74		H	121.646 383 52	−42.864 561 79		2.90	−10.64	−24.73	0.66	0.69	0.82	0.73	0.72	+0	+1	+12	−2	−8	−3	−8	−14	+6	−7	0	−0.53
39683		08 06 35.42	−68 37 02.7	8.66		H	121.647 601 35	−68.617 419 82		1.58	−9.21	12.53	0.68	0.76	0.76	0.78	0.85	−3	+21	+15	+1	−16	−2	−19	−12	−12	−23	3	0.57
39684		08 06 36.19	−63 30 57.8	6.66		H	121.650 794 83	−63.516 045 77		6.39	−29.05	54.61	0.48	0.44	0.50	0.53	0.42	−2	+2	+12	−5	−7	−9	−7	−17	+11	−15	1	1.75
39685		08 06 36.33	+55 53 39.1	11.48		G	121.651 392 22	+55.894 186 09		31.73	143.92	−86.30	2.02	1.58	2.88	2.98	2.87	−30	+16	+0	−24	−26	+0	−32	−6	+15	−13	1	−0.63
39686		08 06 36.94	+24 08 48.8	8.97		H	121.653 935 25	+24.146 895 28		6.61	−48.73	−47.65	1.03	0.61	1.15	1.29	0.77	−55	+35	−4	−24	+17	−10	+14	−35	+7	−80	2	−0.67
39687		08 06 38.29	−43 35 57.8	8.67	1	H	121.659 538 40	−43.599 378 79		1.59	−2.05	4.21	0.61	0.66	0.77	0.67	0.66	+3	+9	+14	−1	−3	+7	−4	−14	+13	−11	0	−0.35
39688		08 06 39.22	−17 17 50.3	7.74		H	121.663 423 64	−17.297 309 04		3.72	−9.72	30.23	0.67	0.56	1.01	0.84	0.75	+0	+25	−29	−11	+15	−20	+12	+7	−1	+1	0	0.54
39689	H	08 06 40.13	+73 33 59.6	8.75	2	H	121.667 215 35	+73.566 567 37	*	2.62	−6.83	−14.65	3.78	6.22	2.16	1.63	1.86	+50	+26	+8	−9	−4	+2	−11	−8	−18	+33	2	0.26
39690		08 06 40.34	−45 15 57.8	5.04	1	G	121.668 099 49	−45.266 042 29		2.63	−5.28	11.00	0.43	0.40	0.51	0.54	0.39	−2	+0	+16	+9	+2	−8	+2	−11	+19	−6	0	0.96
39691		08 06 41.61	−48 29 50.7	6.34		H	121.673 386 93	−48.497 412 54		2.38	−6.95	9.78	0.47	0.43	0.51	0.57	0.41	+16	+10	+2	+6	−16	+11	−12	−30	+22	+15	1	−0.72
39692		08 06 41.98	+33 53 39.7	12.10		H	121.674 900 53	+33.894 372 51	B	11.46	−59.50	−21.68	70.59	45.62	1.95	2.59	1.69	−4	+1	−1	−1	+0	−4	+0	−1	+11	−13	0	1.16
*39693		08 06 43.41	+33 53 48.9	8.64		H	121.680 856 68	+33.896 909 42	A	11.46	−59.50	−21.69	2.39	1.66	1.95	2.59	1.69	−16	+24	−27	−34	−8	−4	−6	−29	+11	−13	0	1.16
*39694		08 06 43.39	−43 48 31.8	8.43		G	121.680 772 93	−43.808 832 05		3.23	−6.64	9.76	0.56	0.62	0.70	0.67	0.65	−3	+6	+15	+6	+6	+6	+2	−9	+3	−22	0	−0.23
39695		08 06 46.60	−24 40 52.1	9.68	2	G	121.694 162 07	−24.681 150 39		10.58	94.40	−94.31	0.66	0.85	1.31	0.64	0.84	−8	+16	+7	+17	+16	−4	+20	−32	+7	−4	0	1.56
39696		08 06 47.34	−40 44 33.3	8.98		H	121.697 234 32	−40.742 581 88		1.62	−4.89	2.37	0.66	0.67	0.81	0.75	0.72	−9	+7	+5	−23	+8	−2	+9	−27	+14	−20	0	0.13
39697		08 06 48.29	+09 46 02.4	7.99		G	121.701 192 61	+09.767 336 59		4.95	−8.70	−13.22	1.00	0.86	1.37	1.30	0.98	−27	+36	−61	−28	+19	−33	−14	+16	−32	+13	0	−0.11
39698		08 06 48.63	−21 38 18.9	8.17		G	121.702 622 67	−21.638 581 95		3.79	−0.74	−28.39	0.75	0.93	1.18	1.08	1.23	−8	−2	−41	+1	+6	+0	+7	−18	−4	−8	2	1.85
39699		08 06 50.19	−47 33 37.8	8.01		H	121.709 109 26	−47.560 506 23		3.33	−8.46	3.48	0.64	0.55	0.69	0.74	0.58	+17	−2	+0	−4	−9	+19	−10	−24	+19	+14	3	−1.10
39700		08 06 51.54	−27 06 51.4	7.06		G	121.714 761 79	−27.114 277 24		0.30	−4.73	3.40	0.42	0.48	0.71	0.45	0.49	+17	−7	−12	+31	+9	+15	+6	−21	+16	+12	0	1.82

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
39601	8.443	0.017	6.930	0.007		1.272	0.014	T	1.23	0.01	L	6.9481	0.0016	0.008	53		6.94	6.96		C			1							S
39602	10.730	0.036	9.614	0.021		0.990	0.020	G	0.97	0.02	I	9.7117	0.0025	0.030	243		9.66	9.76					1							G
39603	9.527	0.017	8.263	0.011		1.077	0.016	T	1.04	0.01	L	8.2882	0.0006	0.008	102		8.28	8.30		D			1							
39604	8.231	0.011	8.285	0.014		−0.055	0.015	G	−0.03	0.01	H	8.3111	0.0017	0.012	80		8.29	8.33		C			1							
39605	9.936	0.028	8.345	0.014		1.334	0.025	T	1.30	0.03	L	8.3311	0.0017	0.011	69		8.31	8.35		C			1							
39606	8.939	0.011	8.875	0.013	*	0.064	0.016	T	0.07	0.02	L *	8.9381	0.0025	0.025	178	*	8.90	8.98		D	08057−3000	I 2	2 C	A	CD	275	0.249	0.005	0.19	0.08	
39607						0.010	0.042	G	0.03	0.04	R *	6.2242	0.0009	0.008	91	*	6.21	6.24		D	08056+2732	I 1	2 C	A	AB	350	3.527	0.002	0.73	0.01	S
39608	10.518	0.036	9.197	0.019		1.122	0.032	T	1.08	0.03	L	9.2238	0.0024	0.023	111		9.18	9.28					1							
39609	9.346	0.019	8.209	0.013		0.978	0.018	T	0.96	0.01	L	8.2570	0.0016	0.010	71		8.23	8.28		C			1							S
39610	8.294	0.007	8.311	0.009	A	0.000	0.015	G	0.02	0.01	H *	8.2462	0.0016	0.020	176	*	8.22	8.28		D	08057−3000	I 2	2 C	A	AB	296	1.081	0.007	1.51	0.03	
39611	12.051	0.171	10.496	0.065		1.308	0.151	T	1.27	0.16	L	10.5151	0.0063	0.060	97		10.41	10.59		U 2			1 G							G
39612	12.030	0.181	10.285	0.059		1.311	0.005	G	1.51	0.01	I	10.2159	0.0032	0.026	64		10.18	10.25		C			1							G
39613	6.873	0.004	7.039	0.006		−0.138	0.001	G	−0.13	0.00	H	7.0077	0.0012	0.010	115		6.99	7.02			08057−4510	I 1	1 S							S
39614	10.685	0.050	10.249	0.052		0.412	0.066	T	0.48	0.07	L	10.2910	0.0027	0.022	80		10.22	10.32		C			1 S							G
39616	8.776	0.006	8.211	0.006		0.529	0.008	T	0.60	0.01	L	8.2755	0.0009	0.016	332		8.25	8.31		D	08057+6823	I 1	1							S
39617	7.527	0.006	6.250	0.004	A	1.098	0.003	G	1.06	0.00	H	6.3178	0.0185	0.015	149	A	6.28	6.34		D	08058−3334	I 2	1 C P B							S
39618	9.405	0.017	9.675	0.029		−0.157	0.015	G	−0.16	0.02	H	9.6066	0.0026	0.026	114		9.56	9.66					1							G
39619	7.923	0.007	7.880	0.009		0.039	0.010	T	0.05	0.01	L	7.9192	0.0012	0.015	162		7.89	7.94					1							S
39620	8.441	0.019	8.406	0.024	B	−0.073	0.025	G	−0.05	0.03	H	8.6913	0.1296			B				D	08058−3334	I 2	1 C F B							
39621	6.820	0.006	6.816	0.007		0.008	0.008	T	0.03	0.01	L	6.8328	0.0014	0.007	56		6.82	6.85					1							S
39622	8.869	0.021	7.785	0.014		0.937	0.019	T	0.93	0.01	L	7.8355	0.0019	0.010	42		7.82	7.86		C			1							S
39623	8.187	0.007	8.284	0.010		−0.085	0.015	G	−0.07	0.02	H	8.2809	0.0012	0.012	134		8.26	8.31		C			1							
39624	10.221	0.040	9.404	0.030		0.737	0.038	T	0.78	0.03	L	9.5053	0.0025	0.017	60		9.46	9.54		C			1							
39625	7.756	0.008	6.514	0.004		1.058	0.005	G	0.90	0.04	E	6.5790	0.0005	0.006	88		6.57	6.59					1							S
39626	10.877	0.060	9.129	0.023		1.457	0.051	T	1.46	0.08	L	9.1705	0.0026	0.019	78		9.13	9.21		C			1							
39627	10.785	0.040	9.084	0.016		1.420	0.034	T	1.40	0.05	L	9.0579	0.0021	0.021	113		9.02	9.10		C			1							
39628	9.455	0.020	9.019	0.021		0.412	0.027	T	0.48	0.03	L	9.0945	0.0020	0.014	71		9.07	9.12		C			1							
39629	9.117	0.014	8.893	0.016		0.208	0.021	T	0.23	0.02	L	8.9484	0.0020	0.019	107		8.91	8.98					1							
39630	8.715	0.013	8.322	0.013		0.401	0.004	G	0.47	0.00	H	8.3581	0.0016	0.014	78		8.34	8.38		C			1							S
39631	10.336	0.032	9.768	0.030		0.535	0.032	T	0.61	0.03	L	9.8012	0.0027	0.032	162		9.74	9.86					1							G
39632	9.174	0.020	9.125	0.025		0.050	0.030	T	0.06	0.02	L	9.1479	0.0034	0.018	54		9.12	9.19		C			1							
39633	9.903	0.024	9.344	0.022		0.523	0.029	T	0.60	0.03	L	9.3630	0.0016	0.015	98		9.34	9.39					1							
39634	6.995	0.006	6.968	0.007		0.015	0.002	G	0.03	0.00	H	6.9864	0.0010	0.010	88		6.97	7.00					1							S
39635	11.290	0.101	9.160	0.029		1.801	0.087	T	2.00	0.21	O	9.0643	0.0050	0.031	48		9.02	9.12		U 2			1							
39636	8.831	0.009	7.542	0.006		1.096	0.008	T	1.06	0.01	L	7.6031	0.0011	0.012	171		7.59	7.63			08060+7147	I 1	1							S
39637						1.453	0.133	G	1.88	0.25	K *	11.2428	0.0093	0.097	154	*	11.09	11.41		U 2	08060−3150	H 1	2 C	C	AB	242	0.225	0.064	1.03	0.77	G
39638	7.542	0.006	7.104	0.008		0.397	0.015	G	0.46	0.02	H	7.1681	0.0012	0.008	65		7.16	7.18					1							S
39639	6.821	0.006	6.708	0.006		0.110	0.008	T	0.12	0.01	L	6.7343	0.0008	0.008	110		6.72	6.75			08060+5915	I 1	1							S
39640	8.000	0.006	8.053	0.007		−0.050	0.000	G	−0.03	0.00	H	8.0660	0.0013	0.017	167		8.04	8.09					1							
39641	9.641	0.024	8.768	0.018	*	0.780	0.022	T	0.82	0.02	L *	8.6572	0.0014	0.012	82	*	8.64	8.68		D	08061−0047	I 1	2 C	A	AB	13	0.944	0.003	0.28	0.02	
39642	8.115	0.010	7.625	0.008		0.450	0.007	G	0.52	0.01	H	7.6786	0.0011	0.009	118		7.66	7.70		C			1							S
39643	8.926	0.011	8.529	0.012		0.321	0.005	G	0.37	0.01	H	8.6022	0.0017	0.014	112		8.57	8.62		C			1							
39644	9.042	0.020	8.816	0.023		0.216	0.029	T	0.24	0.03	L	8.8914	0.0031	0.018	48		8.85	8.93					1							
39645	9.742	0.015	9.286	0.015		0.430	0.019	T	0.50	0.02	L	9.3345	0.0022	0.025	182		9.29	9.37					1							
39646	9.688	0.023	9.078	0.021	*	0.568	0.027	T	0.64	0.03	L *	9.1293	0.0016	0.013	86	*	9.11	9.15		D	08061−0247	H 1	2 C	A	AB	279	0.335	0.010	0.57	0.20	
39647	10.877	0.082	8.974	0.026		1.580	0.068	T	1.60	0.07	L	8.9682	0.0022	0.019	89		8.94	9.01		C			1							
39648	10.316	0.031	8.321	0.011		1.653	0.026	T	1.68	0.03	L	8.2094	0.0019	0.017	106		8.17	8.25		U 2			1							
39649	9.996	0.033	9.552	0.033		0.419	0.043	T	0.49	0.05	L	9.5509	0.0031	0.021	62		9.52	9.59					1							
39650	8.156	0.011	7.630	0.014		0.493	0.015	G	0.57	0.02	H	7.6880	0.0020	0.009	53		7.67	7.70		C			1							S
39651	9.976	0.022	8.324	0.011		1.382	0.019	T	1.35	0.02	L	8.3321	0.0016	0.016	139		8.31	8.36					1							
39652	8.667	0.010	8.667	0.013		0.005	0.015	T	0.03	0.01	L	8.7007	0.0018	0.018	144		8.68	8.73		C	08062−4021	I 2	1							S
39653	11.541	0.131	10.784	0.106	B	0.500	0.042	G	0.57	0.04	R *	10.4017	0.0075	0.021	25	*	10.33	10.44		D	08062+0201	I 1	2 C	D	AB	131	0.703	0.014	0.24	0.09	G D
39654	8.495	0.011	8.479	0.014		0.019	0.016	T	0.04	0.01	L	8.5031	0.0013	0.012	76		8.48	8.52		C			1							
39655	9.363	0.020	7.481	0.009		1.564	0.017	T	1.58	0.02	L	7.4345	0.0015	0.009	72		7.42	7.46					1 S							S
39656	8.133	0.008	8.153	0.009		−0.016	0.010	T	0.01	0.01	L	8.1651	0.0010	0.010	140		8.14	8.19			08062−4021	I 2	1							S
39657	8.348	0.010	7.397	0.008	*	0.838	0.010	T	0.86	0.01	L *	7.4228	0.0008	0.009	149	*	7.41	7.44		D	08063−4006	I 1	2 C	A	AB	70	0.555	0.003	1.24	0.01	S
39658	7.645	0.006	7.583	0.009		0.056	0.010	T	0.07	0.01	L	7.6190	0.0011	0.011	112		7.60	7.64					1							S
39659	8.112	0.012	6.166	0.009		1.652	0.015	G	2.23	0.05	F	6.0207	0.0101	0.062	113		5.94	6.11		U 2			1 S							S
39660	9.518	0.025	9.062	0.025		0.443	0.028	T	0.51	0.03	L	9.0953	0.0020	0.017	101		9.06	9.13		C			1							
39661	9.933	0.034	9.477	0.035		0.430	0.045	T	0.50	0.05	L	9.5919	0.0038	0.016	44		9.57	9.62		C			1							
39662	8.367	0.010	7.029	0.005		1.135	0.009	T	1.10	0.01	L	7.0825	0.0011	0.011	146		7.07	7.10					1							S
39663	9.465	0.015	9.001	0.015		0.450	0.017	T	0.52	0.02	L	9.0645	0.0019	0.019	149		9.03	9.11		U			1							
39664	8.416	0.011	8.382	0.013		0.036	0.016	T	0.05	0.01	L	8.4091	0.0014	0.011	89		8.38	8.43		C			1							
39665	9.531	0.018	8.107	0.011		1.180	0.015	G	1.14	0.01	K	8.1391	0.0013	0.011	112		8.12	8.17					1							
39666	11.343	0.069	9.877	0.028		1.235	0.058	T	1.19	0.06	L	10.1414	0.0642	0.462	164		9.36	10.62	13.67	P 1 A			1							G
39667	10.540	0.051	10.062	0.050		0.450	0.065	T	0.52	0.07	L	10.1108	0.0027	0.026	69		10.08	10.16		C			1							
39668	8.562	0.015	8.084	0.014	A	0.458	0.015	G	0.53	0.02	H	8.1567	0.0271	0.026	106	A	8.11	8.18		D	08064+4159	I 2	1 C P D							S D
39669	11.075	0.059	10.071	0.039		0.910	0.020	G	0.95	0.02	I	10.0679	0.0026	0.024	87		10.02	10.10		C			1							G
39670	10.554	0.049	10.065	0.050	B	0.460	0.064	T	0.53	0.07	L	10.1129	0.1280			B				D	08064+4159	I 2	1 C I D							D
39671	9.796	0.028	7.978	0.012		1.513	0.024	T	1.55	0.04	L	7.9722	0.0021	0.015	89		7.95	8.00		C			1							
39672	8.471	0.014	7.402	0.009		0.926	0.013	T	0.92	0.01	L	7.4789	0.0011	0.007	76		7.46	7.49					1							S
39673	7.852	0.010	7.866	0.017		−0.030	0.042	G	−0.01	0.03	L	7.9031	0.0027	0.026	78		7.80	7.93		D	08065−0915	I 2	1 S							S
39674	11.991	0.106	10.791	0.058		1.027	0.094	T	1.00	0.08	L	10.8572	0.0035	0.036	139		10.80	10.92		C			1							G
39675	6.173	0.005	6.206	0.006		−0.006	0.006	G	0.00	0.01	L	6.2240	0.0008	0.006	81		6.21	6.24		D	08065−0915	I 2	1							S
39676	8.407	0.019	8.115	0.020		0.278	0.026	T	0.32	0.03	L	8.2012	0.0019	0.016	94		8.18	8.23					1							S
39677	10.151	0.034	9.587	0.032		0.528	0.042	T	0.60	0.04	L	9.6288	0.0017	0.015	95		9.60	9.65					1							
39678	10.290	0.025	9.005	0.014		1.093	0.022	T	1.05	0.02	L	9.0876	0.0024	0.029	155		9.04	9.13					1							
39679	8.159	0.009	8.245	0.012		−0.063	0.015	G	−0.04	0.01	H	8.2233	0.0014	0.015	128		8.20	8.25					1							
39680	10.467	0.032	9.589	0.024		0.768	0.031	T	0.81	0.02	L	9.6441	0.0019	0.019	120		9.61	9.68					1							
39681	8.133	0.010	7.270	0.009		0.769	0.006	G	0.81	0.00	H	7.3427	0.0009	0.009	96		7.33	7.35		C			1 X							S
39682	9.991	0.022	8.863	0.014		0.971	0.020	T	0.96	0.02	L	8.9058	0.0017	0.018	131		8.87	8.94		C			1							
39683	8.671	0.022	8.650	0.028		0.020	0.031	T	0.04	0.03	L	8.6796	0.0020	0.016	103		8.66	8.71		C			1							
39684	7.901	0.007	6.764	0.005		0.978	0.007	T	0.96	0.01	L	6.8191	0.0008	0.007	129		6.81	6.83		C			1							S
39685						1.492	0.001	G	2.02	0.01	I	11.5613	0.0037	0.048	143		11.47	11.64					1							G
39686	9.484	0.015	8.980	0.014		0.474	0.019	T	0.55	0.02	L	9.0697	0.0014	0.014	166		9.04	9.09		C			1							
39687	8.596	0.010	8.649	0.012		−0.061	0.015	G	−0.04	0.01	H	8.6608	0.0035	0.025	129		8.63	8.70	1.24	P 1 A			1							
39688	8.697	0.012	7.820	0.009		0.767	0.012	T	0.81	0.01	L	7.8838	0.0014	0.015	117		7.86	7.91					1							S
39689	8.981	0.011	8.775	0.012	*	0.197	0.015	T	0.22	0.02	L *	8.8128	0.0017	0.021	147	*	8.78	8.86		U 2	08067+7334	H 1	2 C	C	AB	268	0.254	0.049	2.97	0.65	
39690	6.985	0.005	5.198	0.003		1.488	0.005	T	1.51	0.01	L	5.1933	0.0009	0.007	116		5.18	5.20		M			1							S
39691	6.101	0.003	6.298	0.004		−0.172	0.004	T	−0.18	0.01	L	6.2777	0.0008	0.007	132		6.27	6.29		C			1							S
39692											T	11.7410	0.0989			B				D	08067+3354	I 2	1 C F D							D
39693	9.118	0.018	8.648	0.017	A	0.443	0.023	T	0.51	0.02	L	8.7369	0.0081	0.021	70	A	8.69	8.77		D	08067+3354	I 2	1 C P D							D
39694	8.354	0.009	8.426	0.011		−0.058	0.015	G	−0.04	0.01	H	8.4154	0.0015	0.015	133		8.39	8.44		C			1							
39695	10.489	0.032	9.754	0.027		0.637	0.002	G	0.70	0.00	H	9.8061	0.0021	0.032	240		9.74	9.86		U			1							G
39696	10.227	0.026	9.092	0.017		0.976	0.024	T	0.96	0.02	L	9.1397	0.0019	0.017	133		9.11	9.16					1							
39697	7.945	0.012	7.964	0.014		−0.024	0.002	G	0.00	0.00	H	7.9852	0.0012	0.008	52		7.97	8.00		C			1							S
39698	8.671	0.014	8.219	0.014		0.440	0.015	G	0.51	0.02	H	8.2546	0.0013	0.014	83		8.24	8.29		D	08068−2138	I 1	1							
39699	7.972	0.013	8.009	0.016		−0.020	0.017	G	0.00	0.02	H	8.0162	0.0012	0.012	101		8.00	8.04		C			1							S
39700	6.950	0.005	7.041	0.006		−0.077	0.002	G	−0.06	0.02	A	7.0424	0.0008	0.010	161		7.03	7.06		C	08069−2706	I 2	1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
39701		08 06 51.87	−01 38 53.1	7.89		H	121.716 138 39	−01.648 080 28		3.29	−13.65	−8.20	1.03	0.61	1.20	1.27	0.79	−6	+41	−16	−10	−2	−12	−10	+10	−13	+14	0	0.67
39702		08 06 54.51	−27 05 54.1	9.02		H	121.727 117 55	−27.098 369 87		2.98	−16.26	−6.45	0.81	0.90	1.33	0.84	0.92	+10	−11	−14	+36	+6	+16	+1	−23	+11	+0	2	2.88
39703		08 06 56.15	+34 46 28.2	8.02		H	121.733 948 10	+34.774 502 84		2.87	−5.05	−17.44	1.20	0.78	1.31	1.62	0.93	−9	+21	−17	−24	+3	−17	−1	−30	−9	+6	3	0.18
39704		08 06 56.17	−51 48 37.8	8.44		H	121.734 023 59	−51.810 488 49		9.61	−29.49	−39.02	0.59	0.57	0.65	0.65	0.55	+12	+9	+11	−3	−5	−3	−4	−9	+6	+0	1	−1.94
39705		08 06 56.25	+22 46 31.6	7.77		H	121.734 380 38	+22.775 444 84		3.55	−7.35	−36.01	0.85	0.54	0.95	1.02	0.63	−39	+25	−9	−6	−10	−20	−8	−11	+19	−62	0	0.72
39706		08 06 56.68	−45 53 14.2	8.60		G	121.736 185 02	−45.887 276 82		4.80	−34.33	49.90	0.64	0.66	0.78	0.73	0.69	−7	+1	+26	−14	+0	−9	+3	−12	+4	−18	0	0.22
39707		08 06 58.81	−29 54 24.0	10.82		G	121.745 040 85	−29.906 665 34		2.73	−2.62	4.24	1.10	1.45	2.01	1.30	1.79	+9	+12	+12	+19	+3	+8	+2	−23	−18	−2	2	2.34
39708		08 06 58.84	+15 09 19.6	8.09		H	121.745 173 30	+15.155 440 14		4.28	21.99	−25.31	1.04	0.71	1.15	1.49	1.00	+3	+16	−20	−13	−1	−33	−11	+9	−7	+15	0	−1.50
39709		08 07 00.21	−51 56 21.9	7.13		H	121.750 855 79	−51.939 422 67		3.96	−13.62	21.79	0.48	0.47	0.54	0.50	0.42	+8	+15	+19	+4	−6	−8	−4	−14	+4	+2	2	−0.84
39710		08 07 00.29	−29 24 07.5	6.80		G	121.751 229 09	−29.402 074 68		39.08	339.59	−354.69	0.39	0.52	0.77	0.48	0.52	+7	+2	+10	+1	+9	+1	+6	−23	−6	+3	0	0.19
39711	H	08 07 01.43	+20 53 30.0	7.68		H	121.755 942 45	+20.891 652 79	A	3.23	−36.85	−9.24	2.13	1.40	2.22	2.33	1.67	−20	+36	−27	−12	−1	−6	−15	+9	−23	+9	1	0.91
39712		08 07 01.77	+49 53 34.5	8.70		G	121.757 389 72	+49.892 919 40		8.80	−32.36	−22.41	1.09	0.65	1.12	1.46	1.09	+23	+24	+14	+37	+13	−11	+14	+26	+3	+4	0	0.12
39713	H	08 07 02.12	−29 53 48.2	8.98		H	121.758 822 05	−29.896 715 66	A	12.02	−38.00	−23.32	2.75	3.30	2.76	2.06	2.55	−22	−1	+15	−19	−1	+5	−1	−42	−3	+3	3	0.18
39714		08 07 03.52	−04 00 50.7	7.62		H	121.764 658 18	−04.014 086 71		3.70	−15.83	9.42	0.88	0.61	1.12	1.16	0.78	−39	+36	−26	+22	+8	−25	+8	+13	+20	−37	0	1.25
39715	H	08 07 04.48	+54 07 11.5	8.23		H	121.768 655 48	+54.119 866 12	B	3.26	−7.60	−24.89	2.00	1.76	1.86	1.94	1.70	+13	+16	−5	−13	−10	+1	−12	−9	+9	−6	0	−1.14
39716		08 07 05.55	−47 47 38.0	6.97		H	121.773 137 33	−47.793 891 29		5.18	−14.74	19.87	0.52	0.46	0.56	0.59	0.47	+23	−1	−3	−7	−17	+19	−17	−31	+28	+20	1	−1.72
39717		08 07 05.68	−48 11 22.7	7.54		H	121.773 662 21	−48.189 646 90		3.26	−7.40	10.69	0.57	0.51	0.61	0.69	0.52	+11	+6	+2	+14	−12	+15	−10	−29	+19	+11	1	−0.65
39718		08 07 06.11	+70 34 56.8	9.34		H	121.775 440 47	+70.582 440 39		11.46	88.51	19.51	0.79	0.88	1.28	0.98	1.03	+12	+2	+3	−6	−19	+10	−19	−12	+7	+27	1	0.05
39719		08 07 06.49	+09 58 48.5	6.81		H	121.777 051 79	+09.980 140 34		3.11	−13.57	2.85	0.85	0.71	1.07	1.04	0.81	−15	+21	−48	−22	+10	−38	−11	+12	−12	−8	0	1.66
39720		08 07 08.78	−36 22 54.0	7.30		H	121.786 595 19	−36.381 657 21		21.26	−37.13	100.37	0.49	0.52	0.67	0.49	0.55	+14	−7	−6	−4	−1	+8	−2	−18	+12	+7	2	−1.23
39721	H	08 07 09.09	+07 23 01.4	9.70		G	121.787 882 88	+07.383 723 53	A	24.85	1.37	−141.66	4.68	3.36	3.92	5.11	4.36	+3	+9	−34	−52	−1	−3	+3	−24	−3	−6	3	0.08
39722		08 07 09.95	+43 15 37.6	6.35		H	121.791 472 97	+43.260 448 34		6.90	−12.56	−34.36	0.82	0.42	0.80	1.27	0.62	+13	+11	−4	+30	−11	−21	−12	+13	+1	+8	0	−0.13
39723		08 07 10.04	+32 58 55.8	9.89		H	121.791 816 91	+32.982 176 02		3.71	−16.41	3.23	1.46	1.01	1.48	1.67	1.25	−18	+7	−14	−26	−26	+2	−22	+6	+7	−36	5	2.21
39724		08 07 10.35	+46 49 18.2	8.32		H	121.793 136 17	+46.821 720 30		4.58	−5.80	−24.59	1.05	0.58	1.12	1.61	0.77	+17	+13	−15	−2	−16	+15	−12	−12	+2	+19	2	−0.67
39725		08 07 10.59	−58 29 07.7	9.62		H	121.794 144 41	−58.485 468 46		1.71	−8.34	3.05	0.82	0.80	0.89	1.05	0.90	−3	+11	+21	+0	−9	−5	−7	−1	−2	−25	0	−0.63
39726		08 07 10.85	−21 16 36.5	10.02		H	121.795 189 27	−21.276 793 00		14.49	116.09	−7.84	1.12	1.22	1.70	1.41	1.67	−14	+9	−17	−7	+1	−5	+0	+6	−8	−19	0	0.81
39727		08 07 12.30	+51 59 16.3	8.87		H	121.801 264 99	+51.987 863 06		7.99	−21.22	−16.23	1.14	0.77	1.21	1.50	1.18	+9	+32	+7	+36	+3	+4	+5	+26	+12	+4	0	−0.53
39728		08 07 12.39	−46 38 27.1	8.03		H	121.801 607 70	−46.640 863 30		3.78	−10.44	9.77	0.58	0.53	0.66	0.69	0.61	+1	−3	+10	−7	−2	−15	+0	+1	+6	−6	0	−0.06
39729		08 07 15.02	+28 35 30.6	8.78		H	121.812 573 53	+28.591 841 96		1.75	−6.37	1.71	1.18	0.75	1.35	1.21	0.85	−42	+50	−24	−7	+10	+11	+1	−28	−18	−47	2	1.22
39730		08 07 16.03	−17 22 07.7	6.50		H	121.816 805 40	−17.368 809 23		5.12	−45.53	26.72	0.55	0.44	0.80	0.65	0.61	+9	+25	−17	−14	+9	−19	+6	−2	−5	−6	0	−0.45
39731		08 07 17.11	−41 44 07.3	7.89	1	H	121.821 277 85	−41.735 374 15		0.37	0.59	−2.48	0.61	0.62	0.76	0.64	0.66	−6	+15	+5	−18	−1	−18	+1	−16	+15	−23	0	−1.22
39732		08 07 17.24	−29 04 41.2	10.79		G	121.821 831 17	−29.078 112 56		1.70	0.62	1.36	0.97	1.26	1.97	1.16	1.41	+6	+3	−1	+15	+11	−6	+9	−3	−22	+3	0	2.63
39733		08 07 17.76	+07 16 59.3	7.66		H	121.824 013 32	+07.283 137 16		7.83	−42.34	−10.62	1.03	0.69	1.16	1.17	0.81	−10	+38	−39	−35	+2	−33	−15	+9	−8	+9	0	0.04
39734		08 07 18.05	−20 33 15.6	5.33		H	121.825 192 25	−20.554 345 89		2.67	−10.36	1.65	0.56	0.50	0.73	0.71	0.68	+3	+5	−29	−15	+7	−15	+5	+7	−3	−4	0	−0.18
39735		08 07 18.16	+33 14 50.0	8.20		G	121.825 681 03	+33.247 216 20		11.13	14.60	−17.96	0.93	0.67	1.04	1.13	0.76	−11	+13	−30	−33	−11	+6	−5	−27	+19	−13	0	0.33
39736		08 07 18.30	−56 38 52.0	7.44		H	121.826 237 78	−56.647 765 76		2.78	−2.39	14.22	0.54	0.51	0.57	0.59	0.57	+2	+0	+2	+21	−8	+13	−10	+1	+5	−4	0	0.18
39737		08 07 18.98	+17 10 43.5	9.75		H	121.829 101 04	+17.178 754 69		5.01	−10.04	−3.94	1.48	0.91	1.59	1.73	1.19	−12	+49	−33	−11	−9	−2	−21	+17	−20	+20	0	0.11
39738		08 07 19.46	−48 23 11.8	6.69		H	121.831 063 28	−48.386 614 86		14.42	−141.02	202.11	0.52	0.45	0.56	0.62	0.45	+11	+2	+1	+7	−12	+11	−11	−28	+24	+10	1	−2.23
39739		08 07 19.49	+10 55 18.2	8.93		H	121.831 189 62	+10.921 711 40		0.51	4.33	0.50	1.22	0.94	1.43	1.57	1.24	−11	+12	−11	−10	−24	−50	−30	+38	+8	−25	3	−1.28
39740	H	08 07 19.56	+12 12 34.6	9.47		H	121.831 505 21	+12.209 601 81	A	7.75	−14.23	−11.29	3.19	2.01	2.64	3.67	2.52	+15	−14	−31	−52	−36	+25	−39	−10	+30	+28	2	−0.52
39741		08 07 22.87	−32 20 09.0	9.08		H	121.845 282 27	−32.335 842 07		1.03	−14.89	−3.93	0.67	1.02	1.24	0.82	1.12	+12	−15	−17	+10	−9	+22	−12	−41	+23	+5	0	0.14
39742		08 07 23.82	−41 44 11.1	8.69		H	121.849 270 38	−41.736 425 41		3.63	−6.21	−5.85	0.67	0.71	0.86	0.72	0.77	−2	+20	+10	−17	−2	−16	+2	−17	+14	−20	0	−1.66
*39743		08 07 24.49	−60 17 28.2	8.50		H	121.852 038 10	−60.291 174 07		1.31	−5.00	14.12	0.77	0.69	0.79	0.91	0.71	−10	+2	+17	−4	+4	−15	+4	−19	+14	−24	0	−0.42
*39744		08 07 24.42	−60 20 55.6	7.69		H	121.851 767 44	−60.348 788 22		1.82	−7.12	5.47	0.58	0.51	0.58	0.63	0.51	−9	+0	+17	+5	+5	−7	+3	−17	+13	−22	0	1.60
*39745		08 07 24.45	−72 09 20.7	9.03		H	121.851 869 27	−72.155 751 85		7.62	41.48	−31.71	0.84	0.75	0.85	1.02	0.86	−9	+26	−5	−17	+1	+0	+6	−7	+8	−30	0	0.90
39746		08 07 24.67	−59 26 16.9	7.69		H	121.852 792 93	−59.438 021 18		1.64	−4.71	10.69	0.57	0.51	0.59	0.68	0.54	−5	+6	+15	+17	+4	−14	+4	−11	+9	−15	0	0.51
39747		08 07 25.37	+55 18 05.0	7.19		H	121.855 722 99	+55.301 394 50		4.71	16.13	−9.63	0.61	0.52	0.87	0.81	0.77	−20	+25	−13	−23	−17	+10	−18	−12	+5	+2	0	−1.39
39748		08 07 25.45	−32 00 32.9	8.60		H	121.856 044 76	−32.009 131 85		18.42	−112.70	39.00	0.57	0.83	0.97	0.76	0.89	+6	−3	+1	+12	+6	+10	−2	−30	+1	−13	0	−1.28
39749		08 07 26.13	+19 49 03.9	7.68		G	121.858 873 53	+19.817 754 03		10.34	−94.27	−40.10	0.86	0.63	1.10	1.13	0.74	−5	+12	−45	+7	+21	−46	−2	+25	−17	+11	0	0.25
39750		08 07 26.85	−17 48 52.2	11.74		G	121.861 856 74	−17.814 512 14		14.44	−53.58	−36.04	2.06	1.61	2.82	2.51	2.22	+8	+22	−9	−19	+6	−22	+2	−5	−16	−4	0	0.86
39751		08 07 29.83	−22 54 45.3	8.20	3	H	121.874 298 92	−22.912 577 78		4.58	−3.39	2.05	0.71	0.64	0.99	0.79	0.65	+1	+15	−12	−30	+10	−6	+10	−32	+8	+27	0	−0.71
39752		08 07 29.94	+53 33 23.9	7.69		H	121.874 737 43	+53.556 642 62		2.35	24.26	8.80	0.75	0.55	0.93	0.95	0.81	+10	+19	−5	−24	−14	−3	−16	−6	+4	+16	0	1.23
39753		08 07 30.80	−12 13 14.9	9.41		G																							
39754		08 07 31.16	−51 06 39.8	7.85		H	121.879 851 71	−51.111 048 60		4.19	−8.95	10.28	0.55	0.54	0.62	0.60	0.49	+6	+22	+16	−2	−4	−5	+0	−22	+11	+3	1	−1.32
39755		08 07 32.02	+60 42 32.6	9.34	2	H	121.883 431 96	+60.709 049 66		1.91	5.35	−10.31	0.84	0.80	1.39	0.81	0.87	−9	+23	−26	+19	+22	−11	+31	−27	+20	+10	3	−0.19
39756		08 07 32.12	−65 58 35.7	7.64		H	121.883 814 84	−65.976 585 50		2.83	0.73	−1.52	0.52	0.59	0.61	0.50	0.64	−2	+11	+3	−22	−11	−14	−10	−19	+23	−27	0	2.68
39757		08 07 32.70	−24 18 16.0	2.83	2	H	121.886 258 99	−24.304 436 77		51.99	−83.29	46.38	0.35	0.36	0.66	0.34	0.32	+28	+13	+6	−2	+20	−7	+23	−26	+4	+49	0	0.66
39758		08 07 33.32	−45 08 51.9	7.76		H	121.888 826 56	−45.147 745 26		4.79	−14.32	5.39	0.57	0.55	0.68	0.75	0.58	−6	+14	+17	+4	+0	−18	+3	+0	+15	−20	2	0.54
39759		08 07 33.55	−49 16 13.2	7.76	2	H	121.889 782 26	−49.270 345 82		1.58	−9.64	3.32	0.64	0.58	0.71	0.80	0.59	+13	+23	+2	+5	−8	+15	−1	−28	+27	+15	0	−0.63
39760		08 07 34.29	+52 16 13.1	9.02		G	121.892 868 42	+52.270 302 75		4.34	−23.51	−15.84	0.97	0.76	1.26	1.22	1.10	−4	+25	+0	−18	−24	+4	−22	+7	+7	−13	0	−0.25
39761		08 07 36.76	−08 34 38.6	8.07		H	121.903 181 59	−08.577 387 41		2.00	−8.11	−0.40	0.84	0.77	1.21	1.00	1.05	−28	+18	−25	−3	+8	−31	−1	+31	−24	−20	0	−0.33
39762		08 07 37.36	−55 03 57.2	8.32		H	121.905 656 03	−55.065 882 57		7.14	3.69	−20.62	0.63	0.61	0.69	0.83	0.64	+0	+8	−3	+6	+2	+14	+5	−27	+15	+7	0	2.58
39763		08 07 38.09	−37 26 08.3	7.84		G	121.908 708 10	−37.435 641 06		2.57	−14.31	1.35	0.50	0.54	0.68	0.56	0.56	+5	+4	+8	+6	−2	−3	−2	−9	−4	+2	1	−1.29
39764		08 07 38.81	+60 41 21.9	9.15		H	121.911 726 05	+60.689 429 91		5.37	8.79	5.77	0.73	0.69	1.18	0.71	0.76	−10	+25	−24	+22	+22	−9	+33	−21	+25	+11	0	−0.93
39765		08 07 39.11	+39 50 30.3	8.22		H	121.912 938 46	+39.841 758 98		3.14	−1.07	−10.92	1.01	0.59	1.19	1.55	1.11	−1	+7	+5	+8	+12	+23	+14	+4	+0	+0	0	−0.89
39766		08 07 39.30	−54 03 53.7	7.58		H	121.913 760 49	−54.064 929 20		5.05	−35.12	1.88	0.53	0.53	0.59	0.73	0.54	+5	+11	+11	−3	+6	−7	+6	−23	+13	+0	0	0.40
39767		08 07 39.77	+31 33 05.1	8.05		H	121.915 696 01	+31.551 407 20		11.26	−16.83	−36.03	0.92	0.62	1.14	1.20	0.68	−32	+20	−21	−3	+4	−36	−5	−8	−9	−27	0	0.30
39768		08 07 40.76	−47 15 17.7	7.48		H	121.919 830 75	−47.254 905 13		4.65	−9.48	6.99	0.57	0.49	0.61	0.63	0.54	+17	−2	+8	−8	−15	+8	−17	−15	+16	+11	0	−0.78
*39769		08 07 41.33	−03 24 24.1	6.86	2	H	121.922 225 73	−03.406 687 76		2.00	−3.97	−2.19	0.69	0.52	0.97	0.91	0.62	−38	+19	−20	+31	+15	−13	+8	+11	−8	−32	2	0.95
*39770		08 07 41.32	−71 43 14.2	8.63	2	H	121.922 159 40	−71.720 612 94		3.07	−5.24	4.90	0.75	0.71	0.78	0.90	0.78	+2	+18	+6	−15	−6	+0	−3	−9	−1	−27	0	−0.09
39771		08 07 41.59	+41 48 02.1	9.58	3	H	121.923 276 19	+41.800 572 21		2.94	−19.21	−40.33	1.40	0.74	1.55	1.98	1.37	+9	+16	−4	−6	−21	+23	−24	+16	+15	+17	0	−1.97
*39772		08 07 41.82	−81 36 34.0	8.02		H	121.924 247 30	−81.609 431 06		3.48	−5.71	−2.20	0.58	0.56	0.64	0.68	0.67	−5	+19	+12	−2	−3	−3	−5	+2	−16	−16	1	−0.76
*39773		08 07 41.80	−49 00 37.7	6.66		G	121.924 162 85	−49.010 485 16		4.09	−17.63	7.31	0.47	0.43	0.51	0.62	0.43	+16	+9	+0	+10	−18	+16	−12	−30	+21	+19	0	−1.38
39774		08 07 41.86	−54 49 32.9	8.13		H	121.924 426 84	−54.825 803 18		3.66	−4.93	5.86	0.66	0.59	0.70	0.80	0.80	+6	+12	+13	−2	+1	+7	−5	−20	−12	+8	4	1.27
39775		08 07 42.88	−28 19 16.7	8.19		H	121.928 655 77	−28.321 292 27		1.82	−4.44	11.91	0.41	0.68	1.01	0.49	0.72	+19	+3	−15	−3	−3	−6	−4	−5	−7	+15	1	−2.21
39776		08 07 43.86	−41 48 44.2	7.14		G	121.932 764 27	−41.812 289 63		0.29	−7.11	5.96	0.46	0.47	0.57	0.48	0.48	−3	+14	+3	−13	+0	−10	+2	−20	+17	−17	0	−1.80
39777		08 07 44.00	+27 00 47.8	7.84		H	121.933 324 08	+27.013 283 09		4.62	−8.07	1.27	0.82	0.55	0.93	0.89	0.66	−30	+27	−10	−11	−3	−13	−6	−20	+11	−56	2	−0.10
39778		08 07 44.64	+35 37 31.1	8.39		H	121.935 987 62	+35.625 316 29		4.69	0.01	−7.60	0.98	0.66	1.06	1.11	0.86	−15	+42	−6	−20	+4	−14	+3	−27	+1	−10	0	1.06
39779		08 07 45.75	−12 57 09.3	9.50		H	121.940 624 58	−12.952 588 49		2.02	−2.61	1.85	0.92	0.86	1.32	0.97	1.08	−33	+27	−28	−15	−10	−16	−20	+18	−18	−33	0	2.10
39780		08 07 45.84	+21 34 55.1	5.30		G	121.941 005 10	+21.581 979 37		42.86	23.08	−67.23	0.88	0.57	0.97	1.03	0.72	−14	+47	−26	+1	+14	−20	+5	+11	−7	+12	0	1.53
39781		08 07 45.87	−68 41 40.3	8.93		H	121.941 125 31	−68.694 530 27		4.97	17.64	−61.17	0.79	0.81	0.84	0.91	0.88	−3	+13	+9	−7	−17	+3	−18	−9	−12	−27	0	−0.32
39782		08 07 47.29	−19 09 44.0	8.74		G	121.947 022 17	−19.162 211 03		0.30	−2.15	2.25	0.81	0.82	1.18	0.94	1.10	−3	+7	−34	−13	−14	−10	−20	+14	+2	−11	0	−0.21
39783		08 07 47.81	+11 40 18.1	9.63		H	121.949 219 62	+11.671 683 94		2.11	3.03	5.09	1.62	1.23	1.71	1.82	1.57	−16	+12	−12	−16	−39	−41	−45	+46	+4	−29	0	−0.13
39784		08 07 48.44	+36 14 37.6	7.99		H	121.951 838 45	+36.243 784 08		3.89	−7.23	−2.56	1.03	0.60	1.14	1.12	0.87	−15	+56	−8	−2	−10	−27	−8	+10	+7	−10	2	−0.47
39785		08 07 48.53	+38 34 50.4	7.10	1	G	121.952 225 55	+38.580 669 82		4.45	−18.20	−12.15	1.16	0.77	1.01	1.90	1.94	−11	+44	−25	−42	−6	−14	−12	−19	−11	−51	0	0.89
39786		08 07 49.79	+04 00 21.5	8.59		H	121.957 467 89	+04.005 969 72		3.94	−6.09	−6.88	1.30	0.93	1.42	1.60	1.41	−47	+37	−6	−3	−27	−36	−32	+57	+16	−38	3	0.73
39787		08 07 50.51	−04 31 20.6	11.21		G	121.960 453 12	−04.522 389 25		1.05	−3.71	−0.73	1.93	1.63	2.62	2.57	1.94	−56	+24	−26	−1	+23	−35	+17	−15	+19	−60	0	1.49
39788		08 07 50.76	+22 46 57.7	8.83		H	121.961 510 71	+22.782 683 98		4.03	−1.52	−12.28	1.05	0.77	1.22	1.33	1.15	−37	+11	−18	−13	+11	−31	+6	−3	−3	−38	0	1.99
39789		08 07 50.78	+05 08 13.9	8.28		H	121.961 577 68	+05.137 194 05		1.77	2.77	18.31	1.10	0.91	1.26	1.23	1.12	−24	+12	−32	−4	−24	−17	−34	+46	−10	−22	0	1.06
39790		08 07 51.22	+24 01 05.4	8.06		H	121.963 396 09	+24.018 172 51		3.04	16.75	−29.56	0.99	0.64	1.09	1.15	0.73	−48	+31	+0	−23	+22	+11	+10	−44	−15	−77	0	0.64
39791		08 07 51.30	−69 53 57.4	8.02	1	G	121.963 765 38	−69.899 289 63		1.75	−6.80	12.77	0.65	0.59	0.66	0.80	0.62	+1	+5	+9	+6	−1	+9	−3	−5	−7	−14	0	0.48
39792		08 07 51.49	+30 26 12.8	8.70		H	121.964 551 65	+30.436 875 91		13.65	−14.53	−109.83	1.10	0.73	1.25	1.37	0.93	−31	+20	−22	−10	+6	−14	+1	−18	+3	−43	2	1.06
39793		08 07 52.95	+15 28 50.3	9.04		H	121.970 640 97	+15.480 630 67		2.19	−15.65	2.44	1.34	0.98	1.50	1.57	1.22	−8	+13	−20	−13	−18	−34	−27	+26	−3	−12	0	−1.56
39794	H	08 07 55.84	−68 37 01.7	4.35		G	121.982 669 97	−68.617 136 47	A	5.08	−29.88	30.58	0.58	0.57	0.56	0.63	0.56	+3	+16	+7	−14	−19	+0	−18	−9	−18	−24	0	1.61
39795	H	08 07 56.30	−01 20 58.1	7.73		H	121.984 583 40	−01.349 471 57	A	−1.29	−5.02	3.48	1.43	0.79	1.49	1.53	0.96	−27	+57	−20	−19	+11	−13	+7	+12	+9	+5	3	0.24
39796		08 07 57.20	−55 28 43.1	10.15		H	121.988 329 91	−55.478 648 64		7.10	21.67	−34.12	1.19	1.05	1.23	1.42	1.13	−6	+2	−11	−1	−7	+16	−5	−14	+8	−8	0	1.40
39797		08 07 57.38	−23 23 01.4	8.69		H	121.989 096 72	−23.383 718 43		2.36	−4.77	1.08	0.79	0.66	1.15	0.75	0.60	+11	−12	−11	−42	+5	−4	+1	−36	+5	+35	0	0.21
39798		08 07 58.45	−44 51 36.5	8.80		H	121.993 554 41	−44.860 128 34		1.15	−14.68	25.85	0.80	0.78	0.95	1.01	0.85	−7	+10	+19	+0	+8	−10	+8	−12	+9	−24	0	−0.18
39799		08 07 59.17	−62 21 22.4	8.73	2	H	121.996 530 06	−62.356 211 20	A	4.11	−15.96	13.78	1.65	1.59	1.57	1.70	1.48	−8	+0	+13	−15	+2	+0	+1	−23	+5	−19	3	2.43
39800		08 07 59.88	−34 01 09.0	7.92		G	121.999 497 80	−34.019 166 38		1.07	−5.49	2.78	0.51	0.56	0.76	0.58	0.58	+4	+2	+17	+17	+1	+11	−2	+3	+10	−1	1	−0.13

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No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
39701	9.227	0.020	7.987	0.013		1.058	0.019	T	1.02	0.02	L	8.0564	0.0012	0.010	71		8.04	8.07		C			1							
39702	10.517	0.044	9.127	0.022		1.176	0.039	T	1.14	0.04	L	9.1915	0.0027	0.027	153		9.15	9.24			08069−2706	I 2	1 S							
39703	9.441	0.023	8.152	0.014		1.096	0.021	T	1.06	0.02	L	8.1883	0.0024	0.015	62		8.16	8.22					1							
39704	9.281	0.014	8.513	0.011		0.700	0.014	T	0.76	0.01	L	8.5840	0.0015	0.015	125		8.55	8.62					1							
39705	9.177	0.018	7.892	0.011		1.093	0.016	T	1.05	0.02	L	7.9376	0.0010	0.012	101		7.92	7.96		C			1							S
39706	9.987	0.021	8.706	0.012		1.091	0.002	G	1.05	0.00	H	8.7602	0.0014	0.012	124		8.74	8.78		C			1							
39707	10.710	0.041	10.661	0.064		0.040	0.015	G	0.06	0.01	H	10.8680	0.0040	0.046	173		10.80	10.95					1 G							G
39708	9.494	0.030	8.202	0.018		1.099	0.027	T	1.06	0.03	L	8.2569	0.0028	0.011	49		8.24	8.27					1							S
39709	8.755	0.011	7.271	0.006		1.260	0.015	G	1.22	0.02	H	7.2936	0.0010	0.011	128		7.27	7.31					1							S
39710	7.525	0.005	6.863	0.004		0.600	0.004	G	0.66	0.02	A	6.9201	0.0007	0.009	193		6.90	6.93					1							S
39711	8.936	0.015	7.827	0.011	A	0.500	0.495	G	0.94	0.02	L *	7.8429	0.0021	0.010	64	*	7.83	7.86		C	08070+2053	I 1	2 C B	AB	240	2.349	0.073	3.33	0.14	S
39712	9.175	0.017	8.772	0.017		0.427	0.015	G	0.49	0.02	H	8.7987	0.0017	0.014	95		8.77	8.82		C			1							
39713	9.765	0.016	9.067	0.014	*	0.631	0.016	T	0.70	0.01	L *	9.1147	0.0019	0.019	172	*	9.08	9.15		D	08070−2954	I 1	2 C A	AB	296	0.362	0.004	0.38	0.04	G
39714	8.923	0.013	7.735	0.009		1.018	0.012	T	0.99	0.01	L	7.7875	0.0016	0.010	90		7.77	7.81					1							S
39715	8.408	0.011	8.250	0.012	*	0.152	0.015	T	0.17	0.01	L *	8.2849	0.0020	0.016	112	*	8.26	8.31		D	08071+5407	I 1	2 C A	BA	26	0.385	0.003	0.52	0.02	S
39716	6.873	0.005	6.957	0.006		−0.072	0.007	T	−0.05	0.01	L	6.9523	0.0010	0.008	113		6.94	6.96		C			1							S
39717	7.475	0.006	7.543	0.008		−0.058	0.009	T	−0.04	0.01	L	7.5269	0.0012	0.011	120		7.51	7.54		C	08071−4811	I 1	1 S							S
39718	10.163	0.023	9.385	0.018		0.707	0.023	T	0.76	0.02	L	9.4859	0.0019	0.027	191		9.44	9.54					1 G							
39719	7.981	0.012	6.904	0.009		0.932	0.011	T	0.93	0.01	L	6.9702	0.0009	0.008	53		6.96	6.99		C			1							S
39720	7.953	0.008	7.360	0.006		0.548	0.015	G	0.62	0.01	H	7.4206	0.0009	0.010	140		7.40	7.44		C			1							S
39721	11.679	0.143	10.199	0.063	A	1.211	0.006	G	1.40	0.02	A *	9.8063	0.0048	0.024	51	*	9.77	9.85		D	08071+0723	I 1	2 C B	AB	239	5.163	0.011	0.66	0.04	
39722	6.316	0.004	6.338	0.004		−0.020	0.000	G	0.00	0.00	H	6.3490	0.0006	0.007	103		6.34	6.36					1							S
39723	10.677	0.050	9.907	0.040		0.701	0.050	T	0.76	0.04	L	10.0365	0.0034	0.026	80		9.99	10.07		C			1							
39724	8.542	0.011	8.336	0.013		0.197	0.016	T	0.22	0.02	L	8.3829	0.0015	0.014	99		8.37	8.41		C			1							S
39725	10.827	0.038	9.737	0.024		0.942	0.034	T	0.93	0.03	L	9.7858	0.0021	0.020	129		9.75	9.82					1							G
39726	10.827	0.061	10.039	0.046		0.715	0.059	T	0.77	0.05	L	10.1685	0.0043	0.031	86		10.13	10.23		C			1							G
39727	9.417	0.025	8.909	0.024		0.477	0.031	T	0.55	0.03	L	8.9780	0.0026	0.017	82		8.95	9.00		C			1							
39728	7.967	0.008	8.021	0.010		−0.050	0.020	G	−0.03	0.02	H	8.0229	0.0013	0.012	109		8.00	8.04		C			1							S
39729	10.220	0.028	8.880	0.016		1.136	0.025	T	1.10	0.03	L	8.9546	0.0017	0.016	85		8.92	8.99					1							
39730	8.133	0.008	6.653	0.005		1.246	0.007	T	1.20	0.01	L	6.6622	0.0009	0.007	118		6.65	6.68		C			1							S
39731	10.017	0.022	8.084	0.009		1.639	0.020	T	1.99	0.06	O	7.9690	0.0021	0.021	127		7.93	8.00		U			1							
39732	10.809	0.039	10.731	0.057		0.046	0.015	G	0.06	0.01	H	10.8277	0.0045	0.044	170		10.75	10.90					1							G
39733	8.088	0.015	7.696	0.014		0.370	0.015	G	0.43	0.02	H	7.7427	0.0017	0.009	57		7.73	7.76		C			1							S
39734	5.456	0.003	5.354	0.003		0.100	0.013	G	0.15	0.03	C	5.3773	0.0006	0.006	98		5.37	5.39					1							S
39735	8.681	0.011	8.239	0.011		0.425	0.015	G	0.49	0.02	H	8.2927	0.0015	0.013	80		8.27	8.31		C			1							S
39736	9.605	0.016	7.644	0.007		1.626	0.014	T	1.65	0.01	L	7.5477	0.0016	0.014	124		7.53	7.57					1							S
39737	9.996	0.033	9.767	0.040		0.218	0.049	T	0.24	0.06	L	9.8202	0.0041	0.021	52		9.78	9.85					1							
39738	7.917	0.007	6.811	0.005		0.954	0.013	G	1.01	0.07	F	6.8611	0.0010	0.010	128		6.85	6.88					1							S
39739	10.364	0.054	9.085	0.031		1.089	0.049	T	1.05	0.05	L	9.0953	0.0031	0.014	44		9.06	9.14					1							
39740	10.308	0.049	9.657	0.042	A	0.544	0.072	G	0.62	0.07	R *	9.5856	0.0050	0.018	47	*	9.57	9.62		D	08073+1213	M 1	2 C A	AB	211	1.883	0.017	2.01	0.06	
39741	10.279	0.025	9.174	0.016		0.953	0.023	T	0.94	0.02	L	9.2468	0.0020	0.026	146		9.20	9.30					1							
39742	9.896	0.020	8.801	0.014		0.946	0.019	T	0.94	0.01	L	8.8508	0.0019	0.018	124		8.82	8.88		C			1							
39743	10.499	0.037	8.656	0.014		1.533	0.031	T	1.58	0.07	L	8.6202	0.0018	0.015	115		8.60	8.65					1							
39744	7.683	0.008	7.690	0.010		0.013	0.003	G	0.03	0.00	H	7.6985	0.0013	0.015	117		7.68	7.72					1							S
39745	10.194	0.028	9.155	0.019		0.903	0.025	T	0.90	0.02	L	9.1939	0.0025	0.021	105		9.16	9.25					1							
39746	7.664	0.008	7.687	0.009		−0.016	0.011	T	0.01	0.01	L	7.6901	0.0013	0.011	103		7.67	7.71					1							S
39747	8.598	0.009	7.301	0.006		1.080	0.015	G	1.04	0.01	H	7.3561	0.0010	0.012	140		7.34	7.37		C			1							S
39748	9.363	0.014	8.675	0.012		0.623	0.014	T	0.69	0.01	L	8.7271	0.0017	0.016	150		8.70	8.76		C			1							
39749	8.364	0.016	7.760	0.012		0.599	0.015	G	0.67	0.01	H	7.8102	0.0014	0.009	57		7.79	7.83		C			1							S
39750						1.619	0.143	G	2.65	0.35	I	11.7768	0.0053	0.059	99		11.69	11.88					1							D
39751	13.163	0.501	8.739	0.015		2.100	0.510	G	2.09	0.52	J	8.2714	0.0109	0.232	128		7.78	8.48	453.00	P 1 A			1 S							P
39752	9.436	0.016	7.825	0.008		1.349	0.014	T	1.31	0.02	L	7.8397	0.0013	0.012	118		7.82	7.86					1							S
39753						0.680	0.042	G	0.74	0.04	R	11.5803	0.0840	0.000	1		11.58	11.58			08075−1213	I 1								G
39754	9.036	0.013	7.970	0.009		0.930	0.015	G	0.92	0.01	H	8.0152	0.0013	0.011	122		7.99	8.03		C			1							
39755	11.370	0.059	9.638	0.021		1.473	0.052	T	3.38	0.06	O	9.1164	0.0111	0.139	159		8.90	9.38		U 2			1 S							P
39756	9.286	0.017	7.798	0.009		1.252	0.015	T	1.21	0.01	L	7.8003	0.0013	0.011	104		7.78	7.82		C			1							S
39757	3.361	0.003	2.874	0.002		0.458	0.003	T	0.42	0.04	A	2.9157	0.0038	0.040	293		2.86	2.96	0.14	P 1 A	08075−2418	I 1	1 S							S P
39758	7.772	0.007	7.750	0.010		0.020	0.011	T	0.04	0.01	L	7.7757	0.0015	0.010	109		7.76	7.79		C			1							S
39759	9.962	0.024	7.988	0.010		1.673	0.021	T	2.44	0.04	O	7.7878	0.0035	0.031	122		7.74	7.84		U 2			1							
39760	10.477	0.042	9.217	0.024		1.120	0.015	G	1.08	0.02	H	9.2079	0.0022	0.019	102		9.18	9.24		C			1							
39761	9.454	0.024	8.175	0.014		1.089	0.022	T	1.05	0.02	L	8.2343	0.0018	0.011	67		8.22	8.25		C			1							
39762	8.887	0.012	8.379	0.012		0.488	0.013	T	0.56	0.01	L	8.4286	0.0018	0.011	95		8.41	8.45					1							
39763	9.460	0.014	7.977	0.008		1.252	0.020	G	1.23	0.02	A	8.0235	0.0013	0.016	164		8.00	8.05					1							
39764	9.514	0.015	9.165	0.016		0.331	0.020	T	0.39	0.03	L	9.2269	0.0021	0.024	159		9.19	9.27					1							
39765	9.921	0.025	8.348	0.012		1.319	0.022	T	1.28	0.03	L	8.3715	0.0018	0.014	94		8.35	8.40					1							
39766	8.849	0.012	7.699	0.008		1.010	0.015	G	0.99	0.01	H	7.7468	0.0011	0.009	116		7.73	7.76		C			1							
39767	8.663	0.013	8.107	0.012		0.528	0.015	G	0.60	0.02	H	8.1610	0.0016	0.009	83		8.14	8.18		C			1							S
39768	7.333	0.006	7.467	0.010		−0.114	0.015	G	−0.10	0.02	H	7.4486	0.0014	0.009	99		7.43	7.46		C			1							S
39769	8.952	0.015	7.072	0.007		1.595	0.014	T	2.17	0.04	O	6.9260	0.0038	0.027	88		6.87	6.96		U 2			1 S							S P
39770	10.929	0.043	8.904	0.015		1.677	0.036	T	1.70	0.04	L	8.7337	0.0029	0.027	101		8.70	8.78		U 2			1							
39771	9.951	0.026	9.680	0.030		0.255	0.041	T	0.29	0.05	L	9.6498	0.0100	0.068	91		9.58	10.20	0.64	P 1 A			1 S							
39772	9.933	0.021	8.183	0.010		1.459	0.018	T	1.47	0.03	L	8.1580	0.0012	0.011	113		8.14	8.18		C			1							
39773	6.568	0.003	6.649	0.004		−0.080	0.000	G	−0.06	0.00	H	6.6416	0.0007	0.007	130		6.63	6.65		C			1							S
39774	8.205	0.008	8.144	0.010		0.080	0.015	G	0.09	0.02	H	8.1641	0.0019	0.013	105		8.13	8.18					1 G							
39775	10.237	0.020	8.366	0.008		1.555	0.017	T	1.57	0.02	L	8.3131	0.0012	0.017	242		8.29	8.34					1							
39776	6.979	0.005	7.110	0.006		−0.119	0.003	G	−0.10	0.00	H	7.1047	0.0011	0.009	131		7.09	7.12					1							S
39777	7.908	0.009	7.838	0.012		0.069	0.014	T	0.08	0.01	L	7.8720	0.0010	0.010	103		7.86	7.89					1							S
39778	8.633	0.013	8.414	0.014		0.203	0.015	G	0.22	0.02	H	8.4522	0.0014	0.012	61		8.44	8.48					1							S
39779	9.569	0.019	9.500	0.024		0.060	0.020	G	0.07	0.02	H	9.5284	0.0022	0.016	104		9.50	9.56		C			1							
39780	6.078	0.005	5.368	0.004		0.642	0.005	G	0.71	0.00	H	5.4237	0.0005	0.003	55		5.42	5.43					1							S
39781	9.582	0.044	9.084	0.045		0.468	0.057	T	0.54	0.06	L	9.0306	0.0024	0.017	104		9.00	9.06					1							
39782	8.547	0.020	8.628	0.027		−0.115	0.003	G	−0.10	0.00	H	8.6950	0.0024	0.024	93		8.65	8.73					1							
39783	9.962	0.038	9.697	0.043		0.252	0.054	T	0.28	0.07	L	9.6949	0.0033	0.020	47		9.65	9.74		C			1							
39784	8.071	0.010	7.997	0.012		0.073	0.015	T	0.08	0.02	L	8.0182	0.0010	0.008	64		8.00	8.06					1							S
39785	7.488	0.007	7.132	0.007		0.337	0.010	G	0.39	0.01	H	7.1917	0.0016	0.011	88		7.17	7.22		M			1 G							S
39786	9.828	0.042	8.708	0.028		0.965	0.039	T	0.95	0.03	L	8.7560	0.0016	0.012	54		8.74	8.78					1							
39787	11.991	0.187	11.442	0.186		0.382	0.005	G	0.45	0.02	A	11.3322	0.0043	0.028	70		11.29	11.39		C			1							G
39788	8.959	0.017	8.848	0.022		0.108	0.026	T	0.12	0.03	L	8.8698	0.0016	0.014	66		8.85	8.90					1							
39789	9.574	0.026	8.362	0.017		1.036	0.024	T	1.01	0.02	L	8.4434	0.0019	0.011	51		8.41	8.46		C			1							
39790	9.533	0.014	8.179	0.008		1.160	0.020	G	1.12	0.02	H	8.2245	0.0013	0.014	150		8.20	8.25		C			1							
39791	7.923	0.008	8.015	0.010		−0.063	0.012	G	−0.04	0.01	H	8.0018	0.0043	0.024	87		7.97	8.03	4.23	P 1 A			1							S
39792	9.387	0.016	8.758	0.014		0.585	0.018	T	0.66	0.02	L	8.8272	0.0014	0.016	80		8.80	8.87		D			1							
39793	10.360	0.049	9.201	0.032		0.995	0.046	T	0.97	0.04	L	9.2035	0.0023	0.023	51		9.17	9.23		C			1 S							
39794	4.186	0.004	4.309	0.005	*	−0.113	0.003	G	−0.10	0.02	A *	4.3109	0.0007	0.005	102	*	4.30	4.32		D	08079−6837	I 1	2 C A	AB	24	6.048	0.011	3.11	0.05	S
39795	7.776	0.010	7.684	0.015	*	0.082	0.015	G	0.09	0.02	H *	7.7630	0.0014	0.010	69	*	7.75	7.79		D	08079−0121	I 1	2 C A	AB	334	8.907	0.009	2.61	0.04	S
39796	10.847	0.047	10.217	0.043		0.581	0.047	T	0.65	0.04	L	10.2763	0.0034	0.029	94		10.24	10.33		C			1							G
39797	9.636	0.016	8.781	0.012		0.766	0.015	T	0.81	0.01	L	8.8398	0.0016	0.021	173		8.80	8.88		C			1							
39798	9.990	0.025	8.910	0.016		0.934	0.023	T	0.93	0.02	L	8.9623	0.0022	0.023	111		8.93	8.99					1							
39799	10.228	0.038	8.814	0.021	A	1.194	0.034	T	1.15	0.03	L	8.8967	0.0200	0.031	105	A	8.85	8.95		U	08080−6221	I 1	2 C A	AB	291	16.811	0.032	2.18	0.15	
39800	7.949	0.007	7.923	0.010		0.040	0.015	G	0.06	0.01	H	7.9401	0.0013	0.014	150		7.92	7.97		C			1							

Number HIP		Descriptor: epoch J1991.25 RA (h m s)	Dec (±° ′ ″)	V (mag)			Position: epoch J1991.25 α (ICRS) (deg)	δ (deg)		Par. π (mas)	Proper Motion μα* (mas/yr)	μδ (mas/yr)	Standard Errors α* (mas)	δ (mas)	π (mas)	μα* (mas/yr)	μδ (mas/yr)	Astrometric Correlations (%) δ/α*	π/α*	π/δ	μα*/α*	μα*/δ	μα*/π	μδ/α*	μδ/δ	μδ/π	μδ/μα*	Soln F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
39801		08 08 00.33	−35 12 39.8	7.20		G	122.001 390 68	−35.211 043 88		6.79	2.69	−7.06	0.43	0.52	0.64	0.47	0.60	+7	−3	−1	+4	−3	+7	−5	−16	+13	+0	0	0.50
39802		08 08 00.66	−73 28 49.2	8.94		H	122.002 753 63	−73.480 327 66		3.65	−6.28	17.62	0.64	0.63	0.71	0.60	0.70	+6	+23	−1	−25	−10	+4	−7	−5	+10	+1	0	1.07
*39803		08 08 02.02	−61 33 11.8	9.36		H	122.008 401 15	−61.553 287 01		3.46	−10.76	6.16	0.88	0.90	0.97	0.99	0.88	−5	−10	+25	+16	+9	+9	+3	−17	+10	−7	0	0.16
*39804		08 08 02.02	−13 30 28.9	7.27		H	122.008 395 85	−13.508 032 96		20.32	−25.50	−26.71	0.69	0.66	0.97	0.83	0.76	−26	+36	−35	−16	−35	−7	−39	+19	−11	+7	3	2.18
39805		08 08 02.62	+17 58 18.2	8.84		H	122.010 915 26	+17.971 735 85		9.72	−21.75	−11.91	1.11	0.75	1.24	1.22	0.89	−6	+28	−30	−19	−8	−33	−23	+25	−15	+0	0	1.22
39806		08 08 02.95	+50 08 12.5	7.58		H	122.012 282 69	+50.136 792 59		5.18	−1.66	−10.05	0.88	0.53	0.91	1.13	0.72	+10	+32	−9	+26	+11	−7	+4	+0	−9	+6	0	0.36
39807	H	08 08 03.38	+56 27 10.1	8.90		H	122.014 081 42	+56.452 808 61	*	1.86	1.71	0.04	1.69	2.62	1.51	2.20	2.30	−17	+12	+9	−15	−31	−1	−26	−7	+0	−29	2	0.83
39808		08 08 03.42	−43 38 48.6	8.63		H	122.014 249 31	−43.646 828 13		3.25	3.14	−11.28	0.65	0.66	0.79	0.73	0.68	+2	+5	+13	+2	−1	+4	−3	−13	+9	−11	0	−1.58
39809		08 08 03.75	+14 21 02.1	7.75		H	122.015 636 59	+14.350 577 11		5.29	−6.07	−35.71	0.87	0.65	0.95	1.05	0.89	−12	+26	−14	−17	−21	−34	−24	+26	+1	−24	0	0.04
39810		08 08 05.70	−45 03 28.6	8.58		G	122.023 756 52	−45.057 958 10		2.35	−6.93	7.18	0.68	0.67	0.82	0.89	0.73	−2	+15	+18	−2	+9	−14	+10	−5	+7	−18	0	−0.63
39811		08 08 06.09	+24 42 54.7	8.97		G	122.025 354 30	+24.715 183 48		1.21	−2.85	−2.36	1.21	0.71	1.27	1.32	0.82	−60	+37	−10	−35	+28	+5	+20	−44	−11	−78	0	−1.22
39812		08 08 06.91	+16 25 01.4	8.80		G	122.028 791 93	+16.417 046 54		9.44	−86.03	45.41	1.16	0.77	1.21	1.27	0.96	+2	+14	−31	−31	−20	−23	−31	+17	−14	−2	0	1.84
39813		08 08 07.30	+46 56 18.1	8.24		H	122.030 431 45	+46.938 351 63		6.04	−13.00	−21.56	1.03	0.59	1.11	1.60	0.78	+15	+12	−16	+2	−18	+11	−15	−12	+3	+14	0	2.25
39814		08 08 08.06	−36 25 06.6	7.75		H	122.033 572 44	−36.418 490 95		11.13	−51.19	33.83	0.48	0.53	0.69	0.52	0.58	+5	−5	−2	−2	+1	+8	−1	−7	+23	+2	1	−1.07
39815		08 08 08.56	−25 48 54.9	7.95		H	122.035 678 69	−25.815 259 96		1.92	−3.13	−5.89	0.57	0.60	0.94	0.59	0.64	+2	−6	−12	−5	+13	+9	+15	−31	+12	+5	0	0.23
39816		08 08 08.68	+19 12 58.2	7.62		G	122.036 165 59	+19.216 170 86		14.49	−36.95	−95.42	0.92	0.65	1.17	1.06	0.70	−10	+23	−54	−27	+11	−39	−17	+12	−9	+7	3	1.04
39817	H	08 08 08.71	+49 15 34.3	8.82		H	122.036 283 80	+49.259 524 77	A	4.83	−9.12	4.12	2.01	1.15	2.01	2.60	1.53	+4	+30	−6	+23	−6	+15	−7	−1	−14	−2	0	0.78
39818		08 08 08.80	−78 41 41.4	7.04		H	122.036 662 33	−78.694 845 28		4.75	20.36	−20.05	0.49	0.48	0.52	0.54	0.55	+11	+17	+7	+8	−6	+13	−7	+11	+2	−1	1	0.58
39819		08 08 09.86	−30 47 35.7	8.60		H	122.041 070 33	−30.793 237 77		5.80	52.12	−54.42	0.64	0.80	1.13	0.75	0.83	+10	+10	+23	+30	+10	+14	+0	−11	−7	−9	1	0.63
39820	H	08 08 10.12	−22 07 55.5	7.64		H	122.042 174 93	−22.132 096 90	A	14.69	−72.20	112.78	2.39	2.15	2.89	2.40	2.83	−6	+42	+1	−15	+8	−9	−2	+3	−26	−19	31	3.94
*39821		08 08 11.04	+09 10 25.7	10.73		H	122.046 005 75	+09.173 814 54		21.52	−240.51	111.07	2.35	1.99	2.87	2.53	2.42	−34	+31	−47	−38	+24	−19	+9	−8	−28	−32	0	−0.11
*39822		08 08 10.99	+71 55 31.9	8.18		H	122.045 792 30	+71.925 520 31		21.15	−237.91	−448.36	0.57	0.70	0.93	0.63	0.74	+32	+13	−10	+10	−3	+4	−2	−3	−6	+41	0	−0.76
39823	H	08 08 12.29	−08 30 11.5	9.56		G	122.051 200 95	−08.503 180 66	A	1.62	−34.42	24.15	3.64	3.11	2.38	2.23	2.21	−30	+18	−8	−18	+3	−16	+8	+12	−2	−40	1	−0.39
39824		08 08 12.79	+48 09 49.8	8.09		H	122.053 285 64	+48.163 847 14		5.02	4.54	−2.00	1.03	0.63	1.12	1.46	0.79	+23	+19	−19	+7	−10	+18	−7	−17	+2	+23	0	−0.49
39825		08 08 12.91	−61 04 38.0	6.66		G	122.053 809 15	−61.077 223 34	A	8.76	−6.43	−10.72	1.75	1.58	1.48	1.66	1.31	−6	−8	+16	+9	+10	+3	+6	−26	+12	−7	12	12.82
39826		08 08 13.37	+21 06 21.4	9.41		H	122.055 717 48	+21.105 930 59	A	58.42	−299.49	−354.04	2.28	1.74	2.51	2.51	1.92	−20	+8	−45	−20	+8	−8	+4	−5	−13	−9	1	−0.06
39827		08 08 14.33	−61 04 39.1	6.77		H	122.059 710 11	−61.077 514 51	B	8.76	75.28	190.19	43.98	38.21	1.48	28.38	20.66	−9	−1	+11	−7	+12	−2	+9	−25	−10	−16	12	12.82
39828		08 08 14.47	−33 20 24.2	7.46		H	122.060 289 99	−33.340 057 65		1.81	−7.69	6.90	0.47	0.54	0.75	0.53	0.53	+15	+17	+18	+14	+9	+5	+6	−3	+0	+7	0	−0.77
39829		08 08 14.73	−69 23 29.6	12.38		H	122.061 361 02	−69.391 542 09		0.85	−11.39	23.64	2.72	2.68	2.88	3.42	3.00	−19	+6	+11	+13	−5	+12	−7	+5	−19	−30	3	1.49
39830		08 08 15.38	−44 54 39.3	8.59		G	122.064 093 26	−44.910 922 49		8.33	−5.36	−80.45	0.70	0.69	0.85	0.92	0.77	−7	+12	+17	−6	+7	−12	+9	−9	+11	−24	0	0.49
39831		08 08 16.13	−60 29 39.8	9.41		H	122.067 191 19	−60.494 387 35		2.09	−14.44	14.52	0.96	0.87	0.99	1.07	1.01	−10	−2	+17	−5	+4	−7	+4	−12	+10	−25	3	0.37
39832		08 08 18.81	+38 31 29.5	7.06		H	122.078 382 44	+38.524 869 73		1.58	2.76	−10.16	0.83	0.53	0.96	1.00	0.84	−23	+30	−15	−8	−5	−8	−9	+0	−2	−27	0	0.03
39833		08 08 18.96	+34 01 57.7	7.64		H	122.079 001 34	+34.032 684 72		7.81	−17.24	−36.77	0.91	0.67	1.05	1.09	0.72	−25	+29	−38	−27	−5	+2	+0	−25	+10	−13	0	2.57
39834		08 08 19.36	−23 37 04.1	6.56	2	H	122.080 683 43	−23.617 796 73		2.51	−9.20	3.08	0.44	0.40	0.71	0.42	0.39	+22	−5	−7	+2	+19	−13	+24	−23	+0	+39	0	0.15
39835		08 08 20.12	+25 33 10.5	8.13		G	122.083 834 98	+25.552 905 50		6.26	−18.12	−16.18	0.87	0.52	0.96	0.98	0.62	−28	+21	−5	−18	−8	−15	−10	−18	+5	−60	0	0.84
39836	H	08 08 21.42	+37 52 03.6	7.69		H	122.089 260 67	+37.867 679 23	A	3.22	−8.05	−9.30	2.47	1.36	1.52	1.68	1.26	−32	+22	−26	+8	+7	−17	+2	+2	−5	+1	1	−0.60
39837		08 08 22.48	+14 51 13.0	8.26	2	G	122.093 646 22	+14.853 623 01		9.80	−22.86	−12.88	0.98	0.69	1.03	1.25	0.94	+0	+11	−29	−18	−13	−4	−16	+1	+12	+4	0	0.40
39838	H	08 08 23.21	−15 09 44.1	8.93		H	122.096 689 58	−15.162 245 12	*	1.50	−11.10	0.94	0.92	0.88	1.25	1.00	1.09	−36	+24	−19	+3	−24	−17	−28	+32	+5	−34	0	1.83
39839		08 08 23.23	+13 09 12.0	7.18		H	122.096 805 25	+13.153 335 06		4.32	4.47	8.90	0.89	0.67	1.01	1.04	0.86	−14	+25	−25	−12	−15	−31	−25	+31	−10	−15	0	−1.12
39840		08 08 23.35	−16 28 16.7	10.63		H	122.097 281 51	−16.471 300 50		3.08	−1.83	1.67	1.93	1.69	2.59	2.34	2.32	−16	+31	−16	−6	+20	−12	+15	−15	−10	−16	4	0.59
39841	H	08 08 23.66	−31 04 43.9	8.33		H	122.098 569 78	−31.078 865 65	A	0.91	−4.09	3.13	1.97	2.57	1.14	0.78	0.94	+50	+6	+12	+5	+11	+21	+6	−18	−17	−2	2	0.59
39842		08 08 24.65	+49 01 16.1	7.49		H	122.102 699 31	+49.021 127 62		4.87	−11.86	−20.24	0.91	0.53	0.95	1.14	0.68	+5	+36	−18	+36	+12	−1	+6	+4	−10	+9	2	0.60
39843		08 08 24.65	−63 48 03.0	6.32		H	122.102 710 92	−63.800 833 85		4.17	−7.68	5.41	0.44	0.42	0.47	0.44	0.41	+5	+1	+11	−19	−15	−3	−15	−20	+10	−15	0	−0.13
39844		08 08 26.18	−01 01 52.6	8.14	2	H	122.109 065 26	−01.031 289 61		1.10	−14.12	4.14	1.08	0.61	1.19	1.41	0.80	−3	+34	−16	−9	−7	−10	−10	+4	−5	+9	0	1.18
39845		08 08 26.21	−41 17 38.7	9.10		G	122.109 195 79	−41.294 071 84		2.21	−4.08	7.15	0.70	0.73	0.88	0.78	0.73	−11	+8	+14	−13	+8	−11	+9	−22	+10	−18	1	0.37
39846		08 08 27.11	+40 33 04.0	9.95		H	122.112 970 89	+40.551 103 70		−1.14	−3.32	−4.64	1.41	0.77	1.59	1.93	1.46	+17	+31	+22	+11	+12	+13	+15	+16	+9	+10	4	0.45
39847		08 08 27.50	+51 30 24.0	4.78		H	122.114 597 95	+51.506 675 75		14.96	−60.10	−2.15	0.67	0.43	0.70	0.90	0.67	+4	+27	−8	+37	+8	+5	+12	+17	+10	+13	0	1.75
39848		08 08 27.56	+05 22 00.4	7.58		H	122.114 852 09	+05.366 791 37		4.73	−1.37	−37.12	1.01	0.74	1.11	1.09	0.92	−8	+19	−29	−14	−17	−18	−25	+33	−6	−10	0	1.14
39849		08 08 28.25	−16 31 59.6	11.54	3	H	122.117 688 73	−16.533 221 89		1.58	−19.09	−2.11	1.70	1.53	2.41	2.03	2.13	−18	+22	−11	−27	+11	+6	+12	−2	−13	−27	0	−2.21
39850	H	08 08 28.45	−52 37 01.9	7.17		G	122.118 557 96	−52.617 186 16	*	5.30	−30.75	44.35	0.93	1.39	0.69	0.76	0.58	+22	+14	+13	−9	−2	−21	−3	−24	+6	+11	3	−0.76
39851		08 08 29.61	−33 15 34.2	8.94		H	122.123 381 52	−33.259 508 54		0.11	−4.76	3.64	0.68	0.79	1.13	0.74	0.76	+0	+15	+15	+11	+0	+12	−2	−12	−2	−3	0	−1.95
39852	H	08 08 29.64	−19 51 36.8	7.07		G	122.123 519 92	−19.860 232 09	*	2.37	−9.79	4.72	1.49	1.20	0.92	0.92	0.81	+34	−4	−17	−15	+14	−24	+10	−9	−6	−14	2	−1.00
39853		08 08 29.85	−74 31 19.4	8.78		H	122.124 395 37	−74.522 045 90		2.00	−11.07	10.72	0.69	0.69	0.73	0.70	0.79	−5	+22	−8	−5	−15	−2	−16	+4	−5	−13	0	−0.18
39854		08 08 31.69	+71 16 11.2	7.99		H	122.132 049 06	+71.269 776 20		2.12	−13.18	−24.06	0.50	0.63	0.88	0.54	0.66	+27	+4	−6	+12	+1	+16	+3	+5	+1	+35	1	−1.01
39855		08 08 32.72	−46 15 37.9	8.81		G	122.136 345 41	−46.260 518 13		3.69	−3.46	−5.74	0.66	0.66	0.79	0.76	0.76	−6	−9	+12	−15	+0	−9	+3	+2	+5	−14	0	1.12
39856		08 08 32.82	+63 32 21.2	10.23		H	122.136 767 00	+63.539 220 54		5.24	−4.92	−11.46	1.19	1.30	1.99	1.21	1.44	+0	+8	−25	+9	+20	−19	+24	−22	+17	+15	0	0.69
39857		08 08 33.93	−02 04 45.3	10.15	2	H	122.141 359 51	−02.079 245 67		1.22	−8.42	−6.87	1.42	1.03	1.85	1.77	1.17	−36	+25	−28	+9	+16	−13	+10	+2	−11	−24	0	−0.45
39858		08 08 34.08	+64 20 01.9	9.30		H	122.141 993 08	+64.333 847 82		2.50	3.18	−15.49	0.97	0.96	1.37	1.07	1.11	−5	+9	−7	−7	+24	+15	+28	−17	+12	+12	0	1.64
39859		08 08 34.16	+80 40 52.2	10.36		H	122.142 315 46	+80.681 179 07		0.84	−7.18	−23.17	1.12	0.95	1.42	1.25	1.08	+9	+27	−1	+18	−8	+15	−5	−17	−8	+24	4	−1.21
39860		08 08 34.18	+56 59 51.8	10.10		H	122.142 430 55	+56.997 729 55		3.23	−18.79	16.45	1.06	0.95	1.53	1.49	1.46	−24	+17	−16	−19	−5	+10	−4	−9	+9	−6	2	−0.57
39861		08 08 34.58	−44 21 01.9	8.58		H	122.144 084 94	−44.350 531 67		3.93	−8.59	7.22	0.66	0.63	0.79	0.79	0.68	+1	+9	+8	+10	+13	+2	+10	−8	+12	−16	0	−0.42
39862		08 08 35.58	−41 14 19.5	8.44		H	122.148 242 23	−41.238 742 74		2.03	−41.68	42.31	0.68	0.69	0.86	0.76	0.69	−5	+17	+13	−17	+4	−18	+7	−24	+12	−15	0	−1.68
39863		08 08 35.66	−02 59 01.6	4.36		H	122.148 573 62	−02.983 776 49		1.76	−16.79	−3.89	0.63	0.45	0.88	0.80	0.52	−29	+29	−32	+27	+18	−10	+10	+12	−13	−20	0	−0.51
39864		08 08 36.16	−39 29 57.0	7.16		H	122.150 675 49	−39.499 157 23		4.28	−13.49	16.33	0.45	0.48	0.59	0.45	0.51	+3	+2	+14	+8	−6	+10	−10	−13	+4	−5	0	−0.17
39865	H	08 08 37.16	+41 31 19.2	9.92		G	122.154 830 06	+41.521 986 94	A	2.59	4.96	−1.20	3.06	1.56	2.47	4.00	2.31	+2	+13	+0	+3	−9	+18	−12	+18	+10	+30	1	0.16
39866		08 08 37.65	−37 40 52.5	6.36	2	H	122.156 867 45	−37.681 241 87		1.84	−7.81	8.71	0.39	0.42	0.53	0.40	0.43	+9	+8	+9	+1	+2	+11	+0	−17	+5	−2	0	−0.66
39867		08 08 37.65	−19 50 23.7	7.54		G	122.156 890 15	−19.839 903 51		2.73	−7.44	−3.46	0.71	0.65	0.98	0.94	0.88	−6	+1	−30	−18	+6	−30	+1	+10	+3	−22	0	−0.21
39868		08 08 38.02	+01 53 42.4	7.33		H	122.158 419 70	+01.895 123 49		2.02	−9.79	−1.53	0.93	0.53	1.05	1.31	0.81	−28	+29	−14	−3	−13	−31	−26	+39	+3	−3	0	1.31
39869		08 08 39.28	+19 46 14.6	8.50		H	122.163 659 84	+19.770 723 77		1.80	2.01	−2.48	0.94	0.73	1.23	1.18	0.79	−10	+16	−54	−5	+22	−35	−1	+23	−24	+14	0	−0.74
39870		08 08 39.37	−18 23 45.4	8.96		H	122.164 025 57	−18.395 941 35		4.42	−13.58	−6.12	0.86	0.82	1.23	1.06	1.10	+0	+27	−22	+1	−9	+3	−9	−1	−4	+8	0	0.07
39871		08 08 40.04	+58 17 10.5	8.64		H	122.166 842 62	+58.286 258 28		4.68	−5.18	5.43	0.87	0.77	1.19	1.24	1.18	−23	+14	−21	−8	−28	+15	−26	+0	+10	−14	0	−0.44
39872		08 08 41.21	+02 56 42.7	8.81		H	122.171 712 69	+02.945 197 12		3.41	−15.78	−3.02	1.13	0.75	1.23	1.50	1.07	−30	+20	−11	+15	−22	−10	−26	+47	+11	−15	0	1.51
39873		08 08 41.61	−49 29 50.1	8.24	2	G	122.173 389 76	−49.497 248 24		2.87	−6.52	8.13	0.63	0.57	0.73	0.77	0.58	+8	+17	+2	+3	−3	+26	+1	−25	+28	+13	0	−3.06
39874		08 08 42.44	+13 38 27.4	6.25		H	122.176 849 92	+13.640 948 92		11.72	2.56	−13.08	0.74	0.55	0.86	0.88	0.69	−14	+27	−28	−14	−12	−36	−26	+30	−8	−11	0	−0.20
39875		08 08 43.43	+49 43 09.4	9.19		H	122.180 952 26	+49.719 281 70		7.00	−5.37	6.76	1.24	0.71	1.24	1.57	0.96	+2	+34	−11	+24	+10	−2	+9	−3	−3	+7	0	0.91
*39876		08 08 43.58	−20 21 47.4	6.37		H	122.181 595 45	−20.363 178 28		2.25	−7.25	2.25	0.56	0.52	0.74	0.81	0.69	+1	+1	−34	−17	+16	−19	+11	−12	+2	−12	0	−0.35
*39877		08 08 43.50	−10 47 22.6	8.90	3	H	122.181 263 32	−10.789 605 17	*	−1.16	1.11	8.84	1.39	0.93	1.44	1.61	1.40	+1	+25	−5	+32	+5	+9	+13	+33	−23	−11	0	0.00
39878	H	08 08 44.09	+57 49 45.4	8.61		H	122.183 718 51	+57.829 283 09	A	3.71	−9.67	−3.94	1.39	1.16	1.60	1.67	1.65	−14	+21	−22	−16	−24	−4	−30	−8	+8	−23	0	−0.13
39879		08 08 44.46	−60 37 33.0	7.32		H	122.185 258 14	−60.625 838 33		2.46	−5.81	10.35	0.56	0.48	0.56	0.64	0.54	−11	−8	+16	+3	+5	−4	+5	+0	+6	−22	0	1.37
39880		08 08 45.92	−50 29 30.3	8.15		H	122.191 317 76	−50.491 749 42		2.00	−3.66	4.96	0.56	0.50	0.61	0.62	0.50	+10	+21	+5	−7	−10	−9	−6	−21	+15	+6	3	−1.06
39881		08 08 47.08	+34 53 25.8	9.48		H	122.196 183 06	+34.890 511 99		5.71	−19.72	−11.49	1.49	0.93	1.56	2.02	1.22	−10	+31	−14	−30	−7	−6	−10	−26	−9	+6	2	1.56
39882		08 08 48.17	+02 09 53.0	9.26		H	122.200 693 06	+02.164 727 76		1.59	1.69	−0.81	1.17	0.70	1.30	1.72	1.03	−23	+20	−13	+0	−15	−20	−23	+32	+3	+0	0	0.42
39883		08 08 48.74	+12 57 11.3	8.45		H	122.203 065 28	+12.953 135 19		3.68	−12.10	1.52	1.18	0.83	1.27	1.50	1.09	−5	+29	−25	−17	−16	+3	−20	+10	−9	+11	0	−1.78
39884		08 08 48.74	+00 27 34.2	7.47		H	122.203 087 34	+00.459 499 20		2.45	−0.97	−6.42	0.96	0.62	1.08	1.15	0.84	−43	+35	−14	−9	+2	−5	−7	+16	−19	−30	0	1.16
39885		08 08 48.91	−61 34 07.7	9.05	2	H	122.203 796 98	−61.568 808 21		1.65	−0.96	17.19	0.89	0.89	0.96	1.04	0.93	−9	−9	+22	+14	+12	+7	+6	−12	+11	−19	0	0.76
39886		08 08 49.23	+37 13 37.2	8.54		H	122.205 131 12	+37.226 996 52		3.26	−2.99	−0.25	1.13	0.71	1.27	1.34	1.05	−23	+45	−14	+2	−2	−1	+3	−4	+10	−4	0	0.14
39887	H	08 08 49.34	−76 38 15.7	8.86		H	122.205 581 80	−76.637 695 78	A	20.52	100.73	−129.45	1.83	1.67	1.49	1.78	1.51	+1	+3	−2	+5	+1	−6	+0	+23	−4	+2	0	0.02
39888	H	08 08 49.61	+27 28 49.7	6.88		G	122.206 694 23	+27.480 459 58	A	4.30	−8.87	−22.44	1.07	0.68	1.08	1.01	0.71	−46	+34	−33	−16	+9	−10	+3	−21	+2	−50	1	0.67
39889		08 08 51.31	−21 41 59.6	8.01		H	122.213 791 47	−21.699 891 28		0.73	−7.87	6.01	0.72	0.67	0.99	0.88	0.89	−15	+17	−25	−3	+6	+3	+5	+7	−14	−16	0	2.17
39890		08 08 52.51	−55 26 05.9	8.66		H	122.218 785 41	−55.434 974 14		5.25	19.90	−37.34	0.69	0.63	0.73	0.84	0.66	−6	−2	−7	−1	−1	+15	+1	−24	+18	+1	0	0.31
39891		08 08 52.61	+45 04 19.8	10.15		H	122.219 200 74	+45.072 165 47		5.17	−20.52	−2.29	1.51	0.89	1.56	2.19	1.19	+1	+18	−10	+22	−8	+0	−9	+5	−3	−4	0	0.55
39892		08 08 52.96	+44 02 23.4	8.52		H	122.220 683 79	+44.039 838 23		2.17	−14.24	−14.64	1.06	0.62	1.18	1.77	1.01	+3	+20	−2	+13	−13	+10	−12	+15	+0	−7	0	−1.30
39893		08 08 54.45	+24 37 29.6	9.64		G	122.226 867 66	+24.624 896 39		12.08	0.35	−384.92	2.30	1.37	2.58	2.69	1.57	−42	+33	−18	−17	+0	+4	+1	−27	+2	−67	0	
39894		08 08 55.82	−33 14 47.0	7.73	2	H	122.232 583 70	−33.246 381 01		−0.40	−4.92	3.86	0.48	0.59	0.82	0.54	0.58	+8	+11	+25	+16	+5	+9	+2	−5	−3	+0	1	−0.76
39895		08 08 55.91	−15 58 40.2	9.17		H	122.232 966 10	−15.977 847 17		1.33	−4.48	4.95	0.97	0.97	1.33	1.16	1.25	−21	+6	−24	−7	−12	+5	−14	+36	−2	−16	0	0.39
39896		08 08 56.42	+32 49 13.1	9.90	2	G	122.235 091 44	+32.820 297 56	A	48.26	−30.00	−217.20	3.00	2.27	3.16	3.77	2.50	−50	+9	−27	−30	+24	−15	+23	−38	+3	−44	13	3.41
39897	H	08 08 56.71	−68 59 29.9	7.22		H	122.236 298 83	−68.991 647 62	A	2.68	−8.06	17.81	0.71	0.69	0.68	0.78	0.68	−11	+1	+12	+0	−9	−7	−6	+5	−14	−29	2	−0.42
39898		08 08 56.85	−11 20 22.7	6.31		H	122.236 895 29	−11.339 645 17		4.47	−14.80	−2.04	0.67	0.51	0.76	0.82	0.66	+0	+26	−13	+15	+8	−12	+4	+28	−7	+8	0	1.38
39899		08 08 56.86	−71 43 18.6	7.11		H	122.236 896 09	−71.721 840 10		2.38	−0.80	3.05	0.53	0.49	0.54	0.61	0.54	+1	+20	+12	−19	−8	+2	−3	−3	+6	−27	0	−1.34
39900		08 08 57.81	−53 00 04.3	9.03		H	122.240 882 11	−53.001 191 65		3.15	0.11	16.73	0.86	0.80	0.92	1.11	0.78	+16	+14	+17	−7	+6	+5	+3	−15	+0	+11	0	1.03

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″		ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65		66	67	68-70
39801	7.618	0.006	7.230	0.005		0.346	0.001	G	0.41	0.00	H	7.2877	0.0008	0.010	155		7.27	7.30		C			1								S
39802	9.041	0.014	8.967	0.017		0.067	0.020	T	0.08	0.02	L	8.9702	0.0020	0.017	98		8.94	9.00					1								
39803	9.566	0.035	9.398	0.041		0.153	0.051	T	0.17	0.05	L	9.4168	0.0019	0.019	109		9.39	9.45					1								
39804	7.908	0.006	7.310	0.006		0.541	0.020	G	0.52	0.02	H	7.3670	0.0014	0.014	137		7.35	7.39		R			1 G								S
39805	9.350	0.024	8.855	0.024		0.466	0.031	T	0.54	0.03	L	8.9445	0.0022	0.013	45		8.92	8.96		C			1								
39806	8.834	0.011	7.685	0.008		0.987	0.011	T	0.97	0.01	L	7.7453	0.0014	0.013	94		7.73	7.77		C			1								S
39807	9.374	0.016	8.951	0.016	*	0.400	0.021	T	0.47	0.02	L	* 8.9873	0.0015	0.016	135	*	8.96	9.01		D	08081+5627	I 1	2 C A	AC	279	0.271	0.018		1.51	0.21	
39808	10.066	0.023	8.740	0.014		1.125	0.021	T	1.09	0.02	L	8.8006	0.0018	0.018	135		8.77	8.83					1								
39809	9.215	0.024	7.871	0.014		1.140	0.022	T	1.10	0.02	L	7.9228	0.0018	0.010	62		7.90	7.94		C			1								
39810	8.470	0.011	8.561	0.014		−0.083	0.015	G	−0.06	0.02	H	8.5632	0.0016	0.017	112		8.54	8.59					1								
39811	10.236	0.020	9.080	0.013		0.990	0.020	G	0.97	0.02	H	9.1341	0.0015	0.016	172		9.10	9.16		C			1								
39812	9.280	0.018	8.800	0.018		0.430	0.020	G	0.50	0.02	H	8.8840	0.0025	0.016	58		8.85	8.92		C			1								
39813	8.414	0.010	8.267	0.012		0.141	0.015	T	0.16	0.01	L	8.2914	0.0021	0.014	97		8.27	8.31					1								S
39814	8.042	0.008	7.775	0.008		0.254	0.011	T	0.29	0.01	L	7.8165	0.0015	0.013	148		7.79	7.84					1								S
39815	9.758	0.018	8.089	0.009		1.395	0.016	T	1.37	0.02	L	8.0935	0.0013	0.015	162		8.06	8.14					1								
39816	8.353	0.018	7.694	0.012		0.619	0.015	G	0.69	0.01	H	7.7537	0.0013	0.008	49		7.74	7.77		C			1								S
39817	9.234	0.019	8.888	0.020	A	0.300	0.495	G	0.37	0.07	L	* 8.8970	0.0028	0.019	79	*	8.86	8.93		D	08081+4916	I 1	2 C B	AB	107	8.293	0.043		2.93	0.10	
39818	8.274	0.008	7.141	0.006		0.975	0.008	T	0.96	0.01	L	7.2012	0.0010	0.008	109		7.19	7.22		C			1								S
39819	9.354	0.012	8.648	0.010		0.637	0.012	T	0.70	0.01	L	8.7356	0.0017	0.023	171		8.70	8.77					1 S								
39820	8.056	0.016	7.404	0.014	*	0.597	0.016	T	0.67	0.01	L	* 7.7703	0.0299	0.284	85	*	7.55	8.60		D	08082−2208	I 1	2 C B	AB	347	3.184	0.009		1.06	0.05	S
39821						1.616	0.197	G	2.64	0.49	I	10.7172	0.0082	0.051	43		10.65	10.80					1								G
39822	8.936	0.009	8.242	0.008		0.621	0.003	G	0.69	0.00	H	8.3056	0.0015	0.016	166		8.27	8.34			08081+7155	I 1	1								S
39823	10.833	0.059	9.660	0.034	*	1.010	0.020	G	0.99	0.02	H	* 9.7170	0.0023	0.019	65	*	9.68	9.76		D	08082−0830	H 1	2 C A	AB	139	0.340	0.038		2.43	0.22	
39824	10.017	0.026	8.231	0.011		1.488	0.022	T	1.51	0.03	L	8.2177	0.0018	0.017	94		8.19	8.25		C			1								
39825	7.892	0.010	6.865	0.007	*	0.860	0.015	G	0.92	0.01	L	6.8191	0.0022	0.023	106	−	6.80	6.89		D	08082−6105	I 2	2 C P D	AC	319	19.348	0.051		1.87	0.82	S X
39826	11.100	0.073	9.570	0.033	A	1.340	0.042	G	1.55	0.06	I	9.5185	0.0119	0.024	60	A	9.47	9.57		C	08082+2106	I 1	2 C A	AB	148	10.642	0.012		1.68	0.07	
39827	9.132	0.025	8.777	0.026	B	0.649	0.400	G	0.47	0.05	L	6.8651	0.0060	0.130	101	−	6.82	7.52		D	08082−6105	I 2	1 C L D								X
39828	7.434	0.005	7.456	0.007		−0.001	0.003	G	0.02	0.00	H	7.4667	0.0011	0.011	157		7.45	7.49					1								S
39829											T	12.5028	0.0109	0.072	77		12.37	12.72					1								G
39830	9.473	0.017	8.647	0.014		0.712	0.006	G	0.77	0.01	H	8.7211	0.0015	0.014	110		8.70	8.74					1								
39831	10.890	0.043	9.589	0.023		1.106	0.038	T	1.07	0.04	L	9.5742	0.0023	0.020	104		9.54	9.61					1 S								
39832	9.138	0.014	7.224	0.007		1.589	0.012	T	1.61	0.01	L	7.1712	0.0012	0.012	99		7.16	7.19					1								S
39833	7.835	0.010	7.659	0.010		0.169	0.013	T	0.18	0.01	L	7.6978	0.0020	0.014	65		7.68	7.72					1								S
39834	6.429	0.009	6.519	0.010		−0.077	0.012	T	−0.06	0.01	L	6.5370	0.0073	0.112	218		6.30	6.57		U 2 C	08083−2337	I 1	1 S								S
39835	8.687	0.010	8.191	0.010		0.455	0.009	G	0.52	0.01	H	8.2320	0.0014	0.013	132		8.21	8.25		C	08083+2533	I 1	1								S
39836	9.182	0.016	7.822	0.010	*	1.152	0.015	T	1.11	0.01	L	* 7.8556	0.0014	0.012	87	*	7.84	7.87		D	08084+3752	H 1	2 C A	AB	96	0.429	0.035		2.92	0.17	S
39837	8.664	0.020	8.299	0.020		0.358	0.015	G	0.42	0.02	H	8.3619	0.0057	0.031	52		8.30	8.40		U 2			1								S
39838	8.962	0.014	8.917	0.018	*	0.041	0.020	T	0.06	0.02	L	* 8.9457	0.0023	0.018	97	*	8.92	8.99			08084−1510	H 1	2 C S A	AB	155	0.144	0.014		0.74	0.57	
39839	8.927	0.021	7.306	0.011		1.357	0.019	T	1.32	0.02	L	7.3272	0.0009	0.009	47		7.31	7.34		C			1								S
39840	12.016	0.236	10.810	0.122		1.032	0.207	T	1.00	0.17	L	10.7970	0.0060	0.044	95		10.71	10.86					1 S								G Y
39841	8.460	0.008	8.337	0.009	*	0.119	0.011	T	0.13	0.01	L	* 8.3733	0.0016	0.016	167	*	8.35	8.40		D	08084−3105	H 1	2 C A	AB	216	0.340	0.022		2.68	0.19	
39842	7.431	0.007	7.491	0.008		−0.034	0.002	G	−0.01	0.00	H	7.4868	0.0013	0.009	83		7.47	7.50		C			1								S
39843	6.239	0.003	6.307	0.004		−0.058	0.004	T	−0.04	0.00	L	6.3073	0.0008	0.007	130		6.30	6.32					1								S
39844	10.240	0.037	8.347	0.015		1.606	0.033	T	2.13	0.09	O	8.2080	0.0056	0.034	60		8.15	8.26		U 2	08084−0102	I 1	1								
39845	9.033	0.014	9.104	0.019		−0.055	0.015	G	−0.03	0.01	H	9.0911	0.0019	0.015	126		9.07	9.11					1								
39846	11.206	0.057	10.052	0.032		0.991	0.051	T	0.97	0.04	L	10.1225	0.0027	0.019	102		10.09	10.16		C			1								
39847	4.842	0.002	4.805	0.003		0.048	0.006	G	0.10	0.04	D	4.8197	0.0005	0.004	82		4.81	4.83		C	08084+5130	I 1	1								S
39848	9.015	0.020	7.698	0.012		1.118	0.018	T	1.08	0.02	L	7.7525	0.0013	0.007	57		7.74	7.77					1								S
39849											T	11.6199	0.0459	0.454	88		10.66	11.82	0.52	P 1 A			1								G
39850	7.604	0.005	7.219	0.008	*	0.351	0.015	G	0.41	0.02	H	* 7.2605	0.0011	0.010	128	*	7.24	7.28		D	08085−5237	I 1	2 C A	AB	255	0.296	0.005		1.41	0.05	S
39851	10.851	0.044	9.061	0.016		1.491	0.037	T	1.51	0.06	L	9.0707	0.0020	0.019	149		9.03	9.10					1								
39852	6.937	0.006	7.034	0.008	*	−0.063	0.015	G	−0.04	0.01	H	* 7.0331	0.0016	0.010	94	*	7.02	7.05		D	08085−1951	I 2	2 C A	AD	40	0.210	0.010		1.44	0.13	S
39853	10.197	0.026	8.924	0.015		1.084	0.023	T	1.05	0.02	L	8.9463	0.0016	0.016	113		8.92	8.98					1								
39854	8.972	0.009	8.077	0.007		0.796	0.009	T	0.83	0.01	L	8.1399	0.0016	0.016	183		8.11	8.17					1								S
39855	8.812	0.012	8.809	0.015		0.007	0.015	G	0.03	0.01	H	8.8097	0.0016	0.014	114		8.79	8.83		C			1								
39856	11.767	0.097	10.255	0.038		1.271	0.082	T	1.23	0.09	L	10.3930	0.0030	0.030	109		10.32	10.47					1								G
39857	11.167	0.062	10.228	0.045		0.829	0.057	T	0.85	0.04	L	10.3062	0.0063	0.042	84		10.22	10.38		U 2			1 S								G P
39858	9.765	0.021	9.311	0.021		0.428	0.027	T	0.50	0.03	L	9.3991	0.0035	0.028	108		9.35	9.47					1								
39859	11.665	0.086	10.450	0.048		1.039	0.077	T	1.01	0.06	L	10.5326	0.0033	0.033	131		10.47	10.59					1								G
39860	10.783	0.044	10.143	0.038		0.594	0.050	T	0.66	0.05	L	10.2288	0.0021	0.025	125		10.19	10.28		C			1								G
39861	8.516	0.014	8.559	0.018		−0.043	0.002	G	−0.02	0.00	H	8.5713	0.0021	0.016	124		8.54	8.60		C			1								
39862	9.656	0.018	8.581	0.013		0.931	0.017	T	0.93	0.01	L	8.6071	0.0019	0.016	118		8.58	8.63					1								
39863	5.593	0.003	4.466	0.002		0.970	0.040	G	0.92	0.02	A	4.5220	0.0008	0.006	95		4.51	4.53			08086−0259	I 1	1								S
39864	7.199	0.004	7.171	0.006		0.026	0.006	T	0.04	0.01	L	7.1801	0.0008	0.010	147		7.17	7.20					1								S
39865	9.947	0.026	9.942	0.036	*	0.008	0.005	G	0.03	0.01	H	* 9.9425	0.0022	0.018	86	*	9.90	9.98		C	08086+4131	H 1	2 C D	AB	307	0.422	0.085		3.09	0.33	D
39866	6.282	0.004	6.345	0.005		−0.054	0.006	T	−0.03	0.01	L	6.3506	0.0016	0.028	154		6.21	6.37		U 2 C			1								S
39867	8.946	0.016	7.653	0.010		1.106	0.050	G	1.05	0.03	L	7.6966	0.0015	0.012	100		7.67	7.72		D	08085−1951	I 2	1								
39868	7.264	0.006	7.319	0.007		−0.046	0.008	T	−0.02	0.01	L	7.3237	0.0012	0.009	71		7.31	7.34					1								S
39869	8.548	0.015	8.507	0.019		0.043	0.022	T	0.06	0.02	L	8.5204	0.0018	0.009	57		8.51	8.54		C			1								
39870	9.277	0.017	8.982	0.019		0.280	0.027	T	0.32	0.03	L	9.0363	0.0019	0.022	112		9.00	9.07		C			1								
39871	9.928	0.022	8.766	0.015		0.997	0.021	T	0.98	0.02	L	8.8028	0.0021	0.019	116		8.77	8.84		C			1								
39872	8.882	0.014	8.822	0.018		0.060	0.021	T	0.07	0.02	L	8.8409	0.0024	0.021	82		8.81	8.88		C			1								
39873	8.099	0.008	8.222	0.011		−0.101	0.008	G	−0.08	0.01	H	8.2008	0.0038	0.030	125		8.16	8.24	1.18	P 1 A			1								
39874	6.796	0.007	6.297	0.006		0.480	0.007	T	0.55	0.01	L	6.3594	0.0010	0.006	58		6.35	6.37		C			1								S
39875	9.678	0.021	9.224	0.021		0.428	0.027	T	0.50	0.03	L	9.2847	0.0020	0.018	98		9.25	9.31		C			1								
39876	6.542	0.004	6.395	0.005		0.141	0.006	T	0.16	0.01	L	6.4191	0.0008	0.009	100		6.40	6.43		C	08087−2022	I 1	1								S
39877	11.355	0.091	9.130	0.022		1.879	0.077	T	2.73	0.20	O	8.8843	0.0621	0.289	64		8.32	9.10		U 2			1 V								P
39878	8.825	0.012	8.672	0.014	A	0.133	0.150	G	0.09	0.05	L	* 8.6400	0.0029	0.022	122	*	8.60	8.68		D	08087+5750	H 1	2 C A	AB	71	2.478	0.014		2.27	0.06	S
39879	7.278	0.005	7.317	0.007		−0.031	0.008	T	−0.01	0.01	L	7.3227	0.0010	0.009	109		7.30	7.34		C			1								S
39880	8.120	0.007	8.136	0.009		−0.013	0.010	T	0.01	0.01	L	8.1521	0.0010	0.011	124		8.13	8.17					1								
39881	9.809	0.029	9.523	0.034		0.272	0.042	T	0.31	0.05	L	9.5517	0.0028	0.023	61		9.52	9.59		C			1								
39882	9.381	0.019	9.283	0.024		0.096	0.029	T	0.11	0.03	L	9.3002	0.0016	0.013	81		9.28	9.32		C			1								
39883	9.612	0.030	8.567	0.021		0.908	0.028	T	0.91	0.02	L	8.6155	0.0023	0.016	45		8.59	8.64					1								S
39884	9.616	0.027	7.669	0.012		1.615	0.023	T	1.64	0.02	L	7.5832	0.0016	0.013	63		7.56	7.61					1								S
39885	11.085	0.104	9.302	0.039		1.515	0.092	T	2.78	0.11	O	9.0027	0.0065	0.063	104		8.89	9.08	26.66	P 1 A			1 S								
39886	10.025	0.032	8.638	0.018		1.173	0.029	T	1.13	0.03	L	8.7024	0.0016	0.013	65		8.67	8.72		C			1								
39887	10.166	0.033	9.017	0.020	*	0.980	0.031	T	0.96	0.03	L	* 9.0077	0.0019	0.014	107	*	8.98	9.04		D	08088−7638	I 1	2 C A	AB	117	0.738	0.004		0.81	0.02	
39888	8.175	0.023	6.970	0.015	*	1.040	0.015	G	1.01	0.01	H	* 7.0476	0.0009	0.006	98	*	7.04	7.06		D	08088+2729	I 1	2 C A	AB	217	3.466	0.010		3.08	0.07	S
39889	7.897	0.008	7.992	0.012		−0.088	0.002	G	−0.07	0.00	H	7.9872	0.0012	0.014	102		7.96	8.01		C			1								S
39890	9.178	0.015	8.718	0.015		0.434	0.019	T	0.50	0.02	L	8.7604	0.0014	0.014	100		8.73	8.79					1								
39891	10.647	0.043	10.218	0.045		0.405	0.057	T	0.47	0.06	L	10.2431	0.0044	0.031	90		10.19	10.29		C			1								G
39892	9.717	0.024	8.628	0.016		0.941	0.022	T	0.93	0.02	L	8.6845	0.0018	0.016	95		8.65	8.72		C			1								
39893	10.460	0.027	9.632	0.022		0.681	0.003	G	0.74	0.00	H	9.7493	0.0018	0.018	163		9.71	9.78					1 X S								
39894	7.677	0.007	7.729	0.008		−0.042	0.002	G	−0.02	0.00	H	7.7253	0.0026	0.029	156		7.67	7.76		U 2			1								S
39895	9.182	0.017	9.174	0.022		0.012	0.026	T	0.03	0.02	L	9.1856	0.0020	0.019	89		9.15	9.22		C			1								
39896	11.820	0.123	10.147	0.045	A	1.400	0.020	G	1.67	0.05	I	10.0426	0.0269	0.049	77	A	9.94	10.18		U 2	08089+3249	I 1	2 C B	AB	292	11.253	0.058		2.27	0.24	
39897	7.227	0.007	7.277	0.009	A	−0.100	0.495	G	−0.02	0.02	L	* 7.2152	0.0009	0.007	102	*	7.20	7.23		D	08089−6859	I 1	2 C A	AB	172	1.822	0.005		2.42	0.03	S
39898	6.315	0.005	6.304	0.005		0.011	0.006	T	0.03	0.01	L	6.3232	0.0006	0.005	73		6.32	6.34		C			1								S
39899	9.193	0.013	7.289	0.006		1.581	0.011	T	1.60	0.01	L	7.2272	0.0010	0.011	111		7.21	7.25					1								S
39900	10.999	0.055	9.194	0.020		1.503	0.046	T	1.53	0.07	L	9.1613	0.0017	0.018	116		9.14	9.20		C			1								

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)
*39901		08 08 59.41	−39 31 04.0	8.66		H	122.247 534 61	−39.517 770 55		−2.14	−1.21	3.80
*39902		08 08 59.29	−29 14 30.2	9.39		H	122.247 038 26	−29.241 710 20		3.70	−0.52	−20.42
39903		08 09 00.86	−61 18 06.1	4.74		H	122.253 576 58	−61.301 705 80		46.75	−155.04	−297.69
39904		08 09 01.25	+08 02 22.2	7.72		H	122.255 209 99	+08.039 488 84		6.78	−103.38	2.70
39905		08 09 01.45	+81 42 36.1	8.27		H	122.256 041 21	+81.710 040 55		2.50	−7.86	−38.58
39906		08 09 01.64	−19 14 42.0	4.40		H	122.256 847 70	−19.245 000 94		6.90	−9.97	−5.46
39907		08 09 02.63	−39 30 49.2	7.64		H	122.260 950 70	−39.513 673 47		3.71	5.14	−20.63
39908		08 09 02.81	−20 29 57.9	7.62		H	122.261 711 93	−20.499 421 41		21.52	9.18	−97.38
39909		08 09 03.85	+27 01 45.5	8.66		H	122.266 032 73	+27.029 301 99		2.54	−1.95	−2.15
39910		08 09 04.67	+10 30 35.2	8.34		G	122.269 450 10	+10.509 791 34		4.65	−12.53	−5.90
39911		08 09 05.35	−42 04 30.1	9.60		G	122.272 283 39	−42.075 041 36		14.99	−396.81	193.11
39912		08 09 05.78	−50 31 11.7	8.77		H	122.274 091 54	−50.519 927 87		2.73	−2.67	−4.62
39913	H	08 09 06.21	+51 18 59.9	8.43		H	122.275 885 75	+51.316 649 52	A	5.59	−7.47	−2.78
39914	H	08 09 06.65	−30 19 22.1	6.64		G	122.277 706 13	−30.322 815 51	A	4.75	14.04	−18.26
39915		08 09 07.05	−29 52 19.4	7.79		H	122.279 378 92	−29.872 061 63		1.98	−0.95	1.61
39916	H	08 09 08.93	+37 14 00.1	8.93		H	122.287 212 10	+37.233 359 01	A	11.80	−35.00	−39.44
39917		08 09 09.38	+47 07 54.7	9.64		H	122.289 093 13	+47.131 853 48		8.60	−17.96	−24.35
39918		08 09 09.49	−31 38 47.1	7.34		H	122.289 524 18	−31.646 404 38		6.07	0.48	−11.60
39919		08 09 09.51	−48 41 03.9	5.66	1	H	122.289 643 71	−48.684 409 55		3.75	−10.30	−1.26
39920		08 09 10.19	−35 27 18.2	6.21		G	122.292 455 58	−35.455 047 36		8.37	−0.44	13.41
39921		08 09 11.34	−67 40 29.0	10.32		H	122.297 237 35	−67.674 709 05		1.78	7.81	4.04
39922		08 09 12.15	−64 46 34.5	7.41		H	122.300 630 61	−64.776 238 04		4.73	−2.86	9.14
39923		08 09 12.52	−11 34 53.3	8.13		H	122.302 156 57	−11.581 473 00		1.75	1.63	0.81
39924		08 09 12.85	+03 47 16.4	9.44		H	122.303 527 90	+03.787 892 73		7.70	−14.14	3.67
39925		08 09 14.74	−17 21 43.0	8.69		H	122.311 415 51	−17.361 931 58		−0.04	−9.70	10.83
39926		08 09 15.55	−21 34 34.8	7.41		H	122.314 793 82	−21.576 333 75		5.18	−73.01	−74.82
39927		08 09 15.70	−04 33 10.0	7.53	2	H	122.315 433 33	−04.552 780 86		2.58	0.60	26.11
39928		08 09 16.61	−15 34 12.6	7.32	1	H	122.319 227 25	−15.570 165 82		2.74	−11.04	2.52
39929		08 09 17.24	+50 56 09.9	8.69		H	122.321 814 68	+50.936 083 13		7.11	−11.22	−20.87
39930		08 09 17.90	−00 07 01.0	7.85		H	122.324 600 27	−00.116 940 65		4.00	−4.79	−0.62
39931		08 09 18.30	−00 26 57.3	7.52		H	122.326 242 31	−00.449 249 05		2.72	−8.56	−7.62
39932		08 09 18.47	−51 00 44.6	7.60		H	122.326 975 19	−51.012 397 25	A	6.54	−22.67	21.26
39933		08 09 18.50	−51 01 01.3	9.35		H	122.327 071 87	−51.017 036 74	B	9.18	−21.14	21.15
39934		08 09 19.16	+20 07 07.6	9.10		H	122.329 826 11	+20.118 783 48		3.60	−19.18	−8.11
39935		08 09 20.65	+45 46 03.3	7.88		H	122.336 044 95	+45.767 584 93		2.78	−14.00	−35.54
39936		08 09 21.88	+08 33 40.4	8.74		H	122.341 148 72	+08.561 210 49		−0.21	−11.40	1.38
39937		08 09 22.15	+01 18 50.8	7.59		H	122.342 277 55	+01.314 109 34		2.98	4.53	−7.43
39938		08 09 23.06	+42 25 50.8	6.26		H	122.346 089 21	+42.430 787 83		5.32	−10.93	−73.67
39939		08 09 23.49	+30 20 34.0	9.25		H	122.347 892 79	+30.342 787 45	B	14.61	−16.15	14.20
39940		08 09 23.95	+30 20 49.2	8.65		H	122.349 806 40	+30.347 007 89	A	10.85	−15.04	15.12
39941		08 09 24.88	+24 49 34.2	7.29		H	122.353 654 90	+24.826 154 68		4.11	−18.33	−11.06
*39942		08 09 28.54	+70 12 29.2	8.30		H	122.368 922 10	+70.208 106 11		4.79	−5.24	−11.88
*39943		08 09 28.54	−16 14 56.1	5.66		G	122.368 916 34	−16.248 906 78		3.54	−8.83	−6.19
39944		08 09 28.87	+55 15 21.3	6.83	2	H	122.370 287 42	+55.255 911 94		6.30	−16.14	−29.79
39945		08 09 29.56	−31 05 08.4	8.39		H	122.373 150 13	−31.085 674 95		2.12	−8.38	7.30
39946		08 09 29.59	+54 16 22.8	8.78		H	122.373 299 86	+54.272 999 24		3.43	−16.83	−16.25
39947		08 09 30.13	−51 50 34.2	6.53		H	122.375 541 15	−51.842 832 72		17.98	−47.38	32.43
39948	H	08 09 30.34	+32 13 16.2	6.68		G	122.376 415 86	+32.221 160 21	A	14.85	35.97	−9.08
39949		08 09 30.55	−59 32 29.8	6.60		H	122.377 303 02	−59.541 598 38		2.05	−8.21	8.33
39950		08 09 31.15	+21 54 17.8	11.84		G	122.379 810 64	+21.904 948 55		46.27	−318.00	−63.58
39951		08 09 31.23	−52 34 28.1	7.26		H	122.380 123 78	−52.574 482 45		2.05	−8.55	4.96
39952		08 09 31.69	−60 13 14.4	8.41		H	122.382 052 46	−60.220 656 53		4.42	8.97	−12.05
39953		08 09 31.96	−47 20 11.8	1.75	1	H	122.383 147 27	−47.336 611 77		3.88	−5.93	9.90
39954		08 09 32.28	+05 55 37.5	7.76		G	122.384 498 29	+05.927 095 85		10.25	3.25	−91.73
*39955		08 09 33.33	+65 39 39.9	7.36		H	122.388 891 59	+65.661 078 23		1.34	0.20	−54.41
*39956		08 09 33.24	−53 32 32.5	8.77		H	122.388 489 68	−53.542 361 14		6.58	−50.51	94.19
39957		08 09 33.63	−56 05 07.7	5.66		H	122.390 132 31	−56.085 474 84		8.58	1.56	37.14
39958		08 09 35.19	+29 05 35.1	6.47		H	122.396 620 80	+29.093 095 28		0.83	−10.58	−7.91
39959		08 09 35.64	−11 25 51.6	8.06		H	122.398 479 32	−11.431 001 61		3.81	−6.46	7.30
39960		08 09 35.76	+44 28 17.8	9.44	2	T	122.398 988 35	+44.471 623 55		2.23	−9.72	−26.03
39961		08 09 35.92	−44 07 22.0	5.20	1	H	122.399 679 33	−44.122 779 19		2.87	−11.98	2.54
39962		08 09 36.17	−02 10 39.6	9.13		H	122.400 688 18	−02.177 672 63		6.54	−13.99	0.81
39963		08 09 36.89	−40 17 00.5	8.87		H	122.403 716 41	−40.283 482 45		1.54	4.29	−14.87
39964		08 09 36.91	−42 45 16.6	8.76		H	122.403 803 95	−42.754 599 65		2.87	2.97	−4.78
39965		08 09 37.31	−36 49 53.6	8.16		H	122.405 476 77	−36.831 563 35		2.02	−4.34	3.29
39966		08 09 39.75	+35 42 08.9	7.30		H	122.415 640 53	+35.702 476 54		4.60	8.31	−45.89
39967		08 09 39.79	−38 10 28.5	9.17	3	H	122.415 798 64	−38.174 569 77		3.95	23.56	−17.93
39968		08 09 39.83	−27 26 21.0	9.01	2	H	122.415 949 72	−27.439 171 88		−0.97	−0.60	3.60
39969		08 09 42.36	+25 33 32.7	7.45		H	122.426 485 62	+25.559 096 75		1.66	−4.15	−16.49
39970		08 09 43.16	−47 56 14.0	5.23	1	H	122.429 831 60	−47.937 216 50		3.54	−6.31	9.60
39971		08 09 44.77	+00 20 09.9	8.63		H	122.436 550 06	+00.336 090 41		5.37	−13.46	−3.11
39972		08 09 45.97	+48 22 29.0	8.55		G	122.441 523 53	+48.374 729 33		11.66	−81.05	−60.38
39973		08 09 46.73	−13 44 42.3	9.66		G	122.444 705 83	−13.745 076 24		4.84	−18.65	9.84
39974	H	08 09 47.70	−42 38 27.0	6.27		G	122.448 752 04	−42.640 823 38	A	3.33	−8.72	8.41
39975		08 09 48.24	−05 11 58.0	8.85		H	122.450 982 98	−05.199 433 35		2.22	5.92	−7.31
39976		08 09 49.92	−26 30 50.7	9.43		H	122.457 984 59	−26.514 075 85		7.26	7.37	17.87
39977		08 09 50.54	+39 05 08.1	9.35		H	122.460 591 16	+39.085 592 78		4.27	33.08	−3.92
39978		08 09 51.30	+12 41 20.9	7.80		H	122.463 748 00	+12.689 138 40		4.21	−0.44	7.98
39979		08 09 52.18	−43 31 42.2	7.17		G	122.467 397 52	−43.528 388 31		1.28	−5.87	6.43
39980		08 09 52.90	−53 15 02.7	8.59		H	122.470 422 61	−53.250 746 73		2.15	−19.83	6.46
39981		08 09 53.91	−43 42 52.3	8.43		G	122.474 635 22	−43.714 522 44		2.10	−7.27	7.53
39982		08 09 54.61	+17 15 05.8	8.15		H	122.477 526 17	+17.251 607 26		2.73	−4.73	−11.35
39983		08 09 56.42	−18 18 53.3	9.09	1	H	122.485 101 23	−18.314 819 31		5.58	−11.88	−4.10
39984		08 09 57.33	−12 44 58.5	9.51		H	122.488 865 75	−12.749 584 67		2.40	−2.98	−1.17
39985		08 09 57.91	+29 07 30.3	7.49		H	122.491 311 81	+29.125 082 30		2.48	−15.36	−38.43
39986		08 09 58.46	+01 01 13.8	7.72		H	122.493 603 53	+01.020 500 87		8.45	0.45	−0.19
39987		08 09 58.55	−52 58 11.3	11.74	2	G	122.493 959 40	−52.969 798 83		60.23	−516.02	669.19
39988		08 09 59.23	−49 16 11.0	8.14		H	122.496 776 64	−49.269 718 46		3.38	−8.74	3.59
39989		08 09 59.46	−34 30 21.4	9.16		G	122.497 757 01	−34.505 950 67		10.67	−57.61	62.73
39990		08 10 00.91	+17 00 59.4	7.34	2	H	122.503 790 74	+17.016 512 33		1.88	−5.33	−8.99
39991		08 10 01.40	+19 02 50.4	8.88		H	122.505 846 23	+19.047 321 91		5.79	−26.39	−13.51
39992		08 10 01.79	−47 49 05.9	8.09		G	122.507 437 85	−47.818 309 63		1.06	−3.35	6.07
39993		08 10 01.89	−49 51 15.6	9.03		H	122.507 892 07	−49.854 340 47		3.21	−24.93	24.82
39994	H	08 10 03.21	−41 09 22.9	8.00		H	122.513 375 21	−41.156 352 40	A	3.18	−4.62	5.96
39995		08 10 03.80	+58 14 54.3	5.91		H	122.515 832 14	+58.248 422 70		5.82	−19.45	−74.21
39996		08 10 06.28	−32 55 06.2	7.76	2	H	122.526 175 31	−32.918 382 45		0.53	−10.26	−1.09
39997		08 10 06.46	−06 44 42.5	7.74	2	H	122.526 926 96	−06.745 145 84		2.98	−12.59	−23.08
*39998		08 10 06.66	−84 26 41.8	7.73	2	H	122.527 736 59	−84.444 936 50		1.45	−0.54	19.57
*39999		08 10 06.61	+14 30 29.6	7.59		H	122.527 539 84	+14.508 223 06		19.26	−81.21	−97.07
40000		08 10 07.45	+69 26 24.4	8.41		H	122.531 039 02	+69.440 103 12		1.33	−6.48	−7.11

Number HIP (1)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
*39901	2.20	2.46	2.92	2.33	2.69	+2	−3	+9	−9	−7	+8	−10	−20	+6	−7	0	
*39902	0.60	0.87	1.23	0.72	0.85	+7	+4	+11	+9	+0	+13	−3	−28	−7	+1	0	0.12
39903	3.41	3.20	3.38	3.74	3.52	−16	−5	+10	−26	+7	+0	+7	−29	−2	−27	0	
39904	1.04	0.72	1.17	1.27	0.94	−16	+38	−37	−3	+5	−6	−4	+18	−18	+4	0	1.99
39905	0.58	0.60	0.76	0.64	0.67	−3	+23	−7	+1	+5	+4	+7	−16	−3	+14	0	−1.39
39906	0.54	0.45	0.69	0.62	0.59	+11	+17	−20	−21	−7	−11	−6	+4	+7	+3	0	−0.40
39907	0.54	0.58	0.71	0.55	0.60	+3	+7	+16	+10	−1	+10	−4	−16	+2	−4	0	0.57
39908	0.71	0.64	0.89	0.93	0.91	−5	+2	−23	−21	−5	−13	−6	−6	+8	−25	0	−0.73
39909	1.03	0.59	1.21	1.04	0.69	−44	+51	−30	−6	−3	+1	−3	−15	+3	−52	0	2.44
39910	1.07	0.78	1.22	1.63	1.03	+4	+0	−29	−4	−5	−35	−24	+32	−3	+24	0	0.40
39911	0.79	0.86	0.99	0.81	0.86	−7	+5	+10	−20	+6	−2	+5	−30	+7	−20	0	0.19
39912	0.65	0.59	0.71	0.73	0.61	+5	+16	+3	−5	−10	−6	−6	−17	+17	+4	1	−0.55
39913	1.41	0.84	1.27	1.76	1.05	−14	+22	+3	+16	−22	−12	−7	−11	−5	+12	0	0.49
39914	0.56	0.69	0.86	0.64	0.64	+4	+12	+12	+10	+13	+16	+7	−8	−6	−16	2	0.33
39915	0.48	0.62	0.86	0.57	0.63	+2	+4	+5	+22	+3	+9	−2	−16	−9	−11	1	0.17
39916	4.06	2.59	4.04	4.76	3.70	+6	+30	−5	−18	−7	+16	−5	−7	+7	−1	1	1.34
39917	1.48	0.91	1.69	2.29	1.15	+13	+11	−21	+7	−15	+21	−10	−13	+3	+14	2	−0.29
39918	0.45	0.60	0.72	0.53	0.67	+2	−11	+6	−13	+9	+15	+6	−33	−8	−11	0	−0.98
39919	0.44	0.40	0.49	0.53	0.41	+15	+5	−3	+5	−16	+18	−13	−25	+24	+13	1	−0.88
39920	0.39	0.44	0.57	0.43	0.52	+9	+3	−4	−3	+1	+2	+1	−11	+10	+2	2	−1.47
39921	1.05	1.12	1.14	1.30	1.23	−6	+17	+11	−2	−9	−5	−9	−25	+3	−18	0	−0.78
39922	0.51	0.51	0.60	0.45	0.52	−4	+1	+3	−29	−16	−19	−14	−13	+31	−31	0	2.71
39923	0.74	0.63	0.95	0.97	0.79	−13	+13	−30	+18	+15	−25	+7	+21	−14	+2	4	−0.32
39924	1.86	0.89	1.83	2.36	1.56	−31	+38	−7	−26	−18	−20	−29	+43	+15	−9	0	0.13
39925	0.81	0.75	1.12	1.04	1.06	−21	+26	−14	−17	+11	−25	+6	−7	−9	−32	0	0.30
39926	0.68	0.63	0.91	0.86	0.85	−15	+21	−18	−1	−4	−6	−2	+12	+4	−25	2	1.66
39927	0.80	0.64	1.15	0.98	0.73	−35	+19	−43	+21	+13	−29	−1	+19	−9	−27	0	1.77
39928	0.60	0.57	0.84	0.67	0.67	−19	+27	−27	+5	−15	−2	−20	+20	−9	−2	0	−0.36
39929	1.13	0.68	1.23	1.61	0.91	+10	+23	−13	+37	+8	−21	+6	+14	−1	+15	0	1.89
39930	0.88	0.59	1.05	1.17	0.74	−17	+24	−26	−9	−2	−13	−11	+9	−22	−1	0	2.17
39931	0.88	0.54	1.03	1.21	0.75	−9	+19	−24	−13	+2	−23	−10	+12	−22	+15	0	0.12
39932	1.35	1.29	1.15	1.31	1.25	+7	+17	+10	−6	−10	−5	−8	−14	+6	−3	10	0.99
39933	13.27	11.64	5.39	6.09	5.95	+9	+19	+11	−4	−11	−1	−9	−15	+10	+0	10	0.99
39934	1.10	0.94	1.68	1.48	1.00	−23	+25	−63	+1	+34	−52	−9	+41	−43	+23	0	1.75
39935	1.09	0.58	1.14	1.42	0.81	+8	+37	−3	+30	+4	−3	−9	+1	−22	−2	0	−1.04
39936	1.35	0.97	1.58	1.56	1.29	−26	+39	−46	−27	+10	−10	−3	+5	−25	−15	0	1.62
39937	0.87	0.52	0.96	1.12	0.74	−33	+34	−20	−7	−9	−26	−21	+35	+0	−10	0	0.01
39938	0.83	0.48	0.87	1.27	0.86	−2	+13	−9	+26	−15	+9	−15	+34	+19	+12	0	−2.17
39939	19.62	12.60	11.07	13.70	8.57	−30	−2	+1	−6	−28	−6	−25	+12	+6	−50	0	−0.24
39940	5.47	3.55	4.48	5.69	3.60	−32	+6	+1	−14	−24	−13	−20	+3	+6	−51	0	−0.24
39941	0.80	0.48	0.91	0.93	0.56	−47	+40	−14	−6	−2	+2	−6	−21	+1	−75	0	−0.28
*39942	0.54	0.67	1.00	0.63	0.76	+22	+8	−5	+12	−16	+12	−17	+0	+2	+27	0	0.12
*39943	0.60	0.54	0.81	0.74	0.63	−15	+31	−34	−17	+11	−21	−2	+2	−18	+6	4	1.12
39944	0.60	0.47	0.79	0.78	0.71	−17	+27	−13	−24	−15	−5	−14	−10	+18	+2	2	−0.20
39945	0.48	0.65	0.81	0.57	0.66	+10	+0	−3	+13	+5	+13	+2	−36	+2	+4	0	0.91
39946	0.97	0.63	1.12	1.07	0.92	+8	+45	+0	−44	−17	−17	−20	−12	−7	+6	0	−0.94
39947	0.43	0.41	0.47	0.47	0.39	+16	+10	+5	+0	−10	−5	−7	−7	+10	+11	0	−0.56
39948	1.64	1.19	1.75	1.96	1.05	−47	+31	−29	−22	+25	−34	+21	−34	+2	−22	0	2.75
39949	0.49	0.41	0.48	0.58	0.43	+1	+1	+10	+21	+5	−8	+2	−7	+18	−11	0	2.77
39950	2.95	2.09	3.30	4.03	3.17	−19	+19	−9	−6	+8	−24	+6	+0	−2	−16	0	0.70
39951	0.47	0.47	0.52	0.57	0.44	+20	+7	+15	−6	−5	−5	−5	−22	+0	+16	0	0.24
39952	0.75	0.64	0.74	0.88	0.77	−15	+4	+5	+1	+5	−9	+5	−8	+13	−28	0	−0.75
39953	0.50	0.41	0.53	0.54	0.43	+15	−10	−3	+10	−17	+15	−19	−17	+26	+17	0	−2.12
39954	1.01	0.57	1.11	1.16	0.78	−18	+45	−32	−27	+11	−28	−7	+19	−12	+11	2	0.83
*39955	0.56	0.55	0.83	0.61	0.65	+17	+15	+3	+33	−3	+3	+2	+14	−2	+42	3	1.72
*39956	0.69	0.67	0.76	0.90	0.69	+5	+23	+8	−8	+4	+4	+5	−22	+11	+5	0	0.47
39957	0.44	0.38	0.47	0.51	0.48	+7	+3	+7	+8	−4	+8	−6	−5	−11	+14	0	1.19
39958	0.81	0.54	0.89	0.86	0.62	−46	+46	−22	+0	+11	−6	+6	−20	−3	−45	0	0.09
39959	0.84	0.69	1.01	1.10	0.89	−6	+17	−16	+18	+4	−10	+1	+34	−3	+5	0	1.63
39960	1.25	0.69	1.36	1.84	1.23	+7	+31	−3	+16	−2	−4	−3	+23	+0	+12	0	−0.49
39961	0.41	0.40	0.50	0.48	0.42	+6	+8	+10	+11	+1	+4	+0	−6	+15	−5	0	0.37
39962	0.93	0.70	1.33	1.22	0.79	−32	+19	−35	+27	+18	−26	+8	+18	−7	−20	0	1.11
39963	0.67	0.76	0.93	0.74	0.80	+1	−4	+22	−10	+8	+24	+2	−25	−9	−10	1	−0.74
39964	0.65	0.68	0.80	0.75	0.72	−4	+6	+10	−18	+2	+2	+2	−21	+5	−13	0	−0.61
39965	0.55	0.62	0.78	0.61	0.69	−6	+10	+11	−3	−1	−1	+0	−4	+6	−12	1	0.11
39966	1.01	0.62	1.13	1.20	0.75	−11	+47	−25	−17	−8	−24	−13	−13	−1	+5	0	0.34
39967	0.77	0.77	1.02	0.79	0.92	+2	−20	−7	+23	+5	+21	+9	+6	−23	−17	1	3.62
39968	0.51	0.75	1.10	0.55	0.82	+12	−15	−7	−2	+12	+16	+13	+1	+5	+4	0	−0.53
39969	0.76	0.47	0.86	0.85	0.53	−42	+30	−9	−14	−5	−17	−4	−21	+14	−72	0	−0.32
39970	0.44	0.41	0.49	0.53	0.43	+17	+0	+3	+6	−14	+17	−14	−20	+19	+14	3	−0.70
39971	1.24	0.77	1.36	1.37	0.91	−51	+50	−36	−15	+6	−25	−11	+18	−11	−26	0	0.40
39972	1.17	0.69	1.32	1.69	0.84	−1	+27	−32	+12	−27	+25	−20	−7	−3	+0	0	0.25
39973	1.02	0.99	1.48	1.09	1.21	−38	+30	−28	−14	−13	−15	−18	+19	−6	−41	0	1.68
39974	0.61	0.64	0.67	0.63	0.55	−6	+13	+16	−18	+9	−1	+8	−19	+1	−18	6	0.13
39975	0.92	0.84	1.55	1.51	1.27	−38	+11	−32	+1	+17	−60	+5	+26	+10	−46	4	2.83
39976	0.75	0.81	1.20	0.81	0.91	−2	+0	+0	+13	+14	+17	+16	−15	+14	+4	0	0.90
39977	1.29	0.68	1.42	1.61	1.20	+4	+14	−4	−22	−15	−1	−14	+12	−19	−17	0	−0.94
39978	1.05	0.70	1.01	1.26	0.94	+14	+15	−30	−36	−25	−12	−31	+2	−2	+11	0	−0.27
39979	0.49	0.47	0.59	0.54	0.48	+5	+5	+10	+9	+2	+13	+1	−2	+11	−2	1	−0.83
39980	0.71	0.71	0.79	0.91	0.69	+10	+16	+3	−4	+1	+6	+2	−27	+7	+13	0	−1.06
39981	0.56	0.57	0.69	0.62	0.58	+8	+2	+14	+8	+3	+10	+0	−3	+7	−3	0	−2.50
39982	1.16	0.71	1.14	1.48	0.93	+4	+30	−27	−33	−21	−15	−31	+13	+1	+26	0	0.86
39983	0.79	0.78	1.18	1.04	1.14	+5	+12	−20	−10	+4	−9	+3	−5	+1	+3	0	−0.64
39984	1.19	1.01	1.65	1.10	1.11	−33	+35	−39	−35	−9	−9	−19	+9	−15	−29	0	1.70
39985	0.89	0.61	0.99	0.97	0.70	−46	+38	−18	−5	+10	−5	+5	−20	−4	−48	0	−0.72
39986	0.94	0.54	1.09	1.16	0.71	−29	+44	−26	+2	+2	−32	−9	+30	−5	−7	0	−0.03
39987	2.09	2.04	2.33	2.69	1.99	+3	+6	+18	−9	+0	+3	+0	−21	+9	+1	0	1.21
39988	0.66	0.60	0.73	0.80	0.65	+11	+21	+9	+15	−5	+17	−3	−13	+19	+4	0	−0.63
39989	0.71	0.89	1.16	0.82	0.98	+9	−8	+11	+9	+6	+31	+1	−5	+19	+17	0	0.13
39990	1.02	0.69	1.03	1.09	0.80	+2	+18	−36	−36	−24	−18	−34	+18	−8	+1	0	1.50
39991	1.50	0.92	1.41	1.45	0.90	+38	−15	−53	−53	−27	−9	−35	−9	+1	+22	0	−0.04
39992	0.65	0.60	0.75	0.83	0.66	+3	−5	+12	+15	−11	+14	−14	−11	+25	+0	0	0.22
39993	0.81	0.71	0.88	0.93	0.76	+3	+10	+7	−12	−2	+10	−1	−17	+18	−2	1	−0.50
39994	0.94	1.02	1.08	0.99	0.98	−11	+5	+12	−12	+11	−13	+11	−26	−2	−26	2	−0.27
39995	0.57	0.51	0.75	0.76	0.74	−30	+20	−20	−7	−26	+4	−28	+12	−2	−25	4	0.99
39996	0.53	0.63	0.90	0.62	0.69	+6	+8	+21	+19	+5	+13	−1	−2	−15	−6	0	−1.54
39997	0.80	0.73	1.02	1.04	0.99	−31	+5	−13	+12	−18	−41	−26	+43	+10	−33	0	0.20
*39998	0.59	0.56	0.64	0.66	0.67	+7	+16	+14	+6	−2	−3	−3	−4	−3	−3	1	0.50
*39999	0.85	0.60	0.94	0.95	0.75	−4	+22	−19	−22	−9	−28	−18	+14	−16	−5	0	1.82
40000	0.59	0.72	1.06	0.66	0.83	+40	+16	+5	−17	−30	+7	−30	−16	+3	+41	1	−0.38

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
39901	10.459	0.044	8.788	0.018		1.397	0.038	T	1.37	0.05	L	8.8018	0.0023	0.023	142		8.76	8.84		R	08090−3931	I 2	1 X							
39902	9.990	0.020	9.442	0.018		0.486	0.026	G	0.56	0.03	H	9.5003	0.0023	0.026	183		9.46	9.55					1							G
39903	5.261	0.002	4.796	0.002		0.437	0.014	G	0.53	0.02	A	4.8438	0.0005	0.005	103		4.84	4.85		C			1 X							S
39904	8.174	0.013	7.765	0.012		0.398	0.015	G	0.46	0.02	H	7.8097	0.0011	0.012	54		7.79	7.83					1							S
39905	9.656	0.016	8.378	0.010		1.088	0.015	T	1.05	0.02	L	8.4324	0.0013	0.015	148		8.41	8.46					1							
39906	4.207	0.003	4.375	0.003		−0.160	0.004	G	−0.14	0.02	A	4.3527	0.0007	0.005	91		4.35	4.36					1							S
39907	8.808	0.012	7.737	0.008		0.927	0.011	T	0.92	0.01	L	7.8043	0.0014	0.011	144		7.78	7.82		C	08090−3931	I 2	1							
39908	8.299	0.010	7.704	0.012		0.555	0.012	T	0.63	0.01	L	7.7452	0.0021	0.016	97		7.72	7.78					1							S
39909	10.660	0.040	8.789	0.014		1.555	0.034	T	1.57	0.04	L	8.7760	0.0017	0.014	105		8.75	8.79		C			1							
39910	8.597	0.016	8.248	0.016		0.262	0.015	G	0.29	0.02	H	8.3589	0.0014	0.010	51		8.33	8.37					1							
39911	10.283	0.026	9.634	0.024		0.602	0.003	G	0.67	0.00	H	9.7187	0.0019	0.023	131		9.68	9.76		C			1							G
39912	9.025	0.011	8.781	0.012		0.233	0.015	T	0.26	0.02	L	8.8413	0.0014	0.015	125		8.81	8.86					1							
39913	8.555	0.015	8.444	0.018	A	0.400	0.495	G	0.08	0.04	L *	8.4626	0.0015	0.011	80	*	8.44	8.48		D	08091+5119	I 1	2 C A	AB	136	1.288	0.036	3.51	0.16	S
39914	8.477	0.009	6.805	0.005	A	1.398	0.007	G	1.39	0.04	E *	6.7800	0.0008	0.009	177	*	6.77	6.80		D	08091−3019	I 1	2 C A	AB	101	1.089	0.021	3.60	0.11	S
39915	9.058	0.010	7.883	0.007		1.008	0.010	T	0.98	0.01	L	7.9572	0.0013	0.015	184		7.93	7.98					1							S
39916	9.956	0.032	9.197	0.026	*	0.692	0.032	T	0.75	0.03	L *	9.0696	0.0022	0.016	71	*	9.05	9.10		D	08091+3714	I 1	2 C A	AB	284	1.279	0.006	0.20	0.02	
39917	10.301	0.036	9.701	0.032		0.560	0.042	T	0.63	0.04	L	9.7603	0.0040	0.029	95		9.71	9.81		C			1							
39918	8.650	0.009	7.462	0.006		1.018	0.008	T	0.99	0.01	L	7.5097	0.0010	0.013	152		7.49	7.53					1							S
39919	5.532	0.003	5.648	0.003		−0.101	0.004	T	−0.08	0.01	L	5.6352	0.0013	0.012	123		5.62	5.65	17.03	P 1 A			1							S
39920	7.336	0.006	6.312	0.004		0.892	0.000	G	0.92	0.04	E	6.3651	0.0007	0.008	151		6.35	6.38					1							S
39921	11.657	0.095	10.423	0.052		1.200	0.020	G	1.16	0.02	R	10.4847	0.0023	0.029	101		10.44	10.54		D			1							G
39922	8.773	0.011	7.525	0.007		1.064	0.010	T	1.03	0.01	L	7.5751	0.0009	0.009	111		7.56	7.60		C			1							S
39923	8.134	0.010	8.128	0.012		0.010	0.014	T	0.03	0.01	L	8.1416	0.0012	0.010	77		8.13	8.16		C			1							
39924	9.788	0.034	9.437	0.036		0.333	0.046	T	0.39	0.06	L	9.5136	0.0020	0.015	59		9.49	9.54					1							
39925	10.028	0.032	8.827	0.019		1.028	0.029	T	1.00	0.02	L	8.8569	0.0026	0.021	109		8.82	8.90					1							
39926	8.742	0.014	7.539	0.009		1.029	0.013	T	1.00	0.01	L	7.5798	0.0016	0.015	97		7.55	7.60					1							
39927	9.661	0.024	7.727	0.010		1.640	0.021	T	1.97	0.07	O	7.6155	0.0033	0.020	71		7.59	7.67		U 2			1							P
39928	7.167	0.006	7.295	0.007		−0.114	0.006	G	−0.10	0.01	H	7.2821	0.0021	0.014	100		7.26	7.31		M			1							S
39929	9.201	0.016	8.755	0.016		0.458	0.015	G	0.53	0.02	H	8.7949	0.0024	0.019	83		8.77	8.83		C			1							
39930	7.926	0.011	7.849	0.014		0.076	0.017	T	0.09	0.02	L	7.8794	0.0009	0.011	58		7.86	7.91		D			1							S
39931	7.512	0.008	7.515	0.010		−0.014	0.004	G	0.01	0.00	H	7.5273	0.0009	0.007	59		7.51	7.54		C			1							S
39932	7.673	0.006	7.596	0.008	A	0.069	0.009	T	0.08	0.01	L	7.6278	0.0106	0.055	129	A	7.58	7.72		D	08093−5101	I 2	1 C P A							S
39933	9.619	0.018	9.273	0.020	B	0.328	0.025	T	0.38	0.03	L	9.2701	0.0413			B				D	08093−5101	I 2	1 C I A							
39934	9.448	0.023	9.133	0.025		0.299	0.032	T	0.34	0.04	L	9.1741	0.0021	0.013	55		9.15	9.19		C			1							
39935	9.084	0.015	7.992	0.011		0.944	0.014	T	0.93	0.01	L	8.0417	0.0014	0.013	88		8.01	8.06					1							S
39936	10.789	0.073	8.907	0.026		1.564	0.062	T	1.58	0.06	L	8.8600	0.0034	0.021	51		8.83	8.90					1							
39937	7.569	0.009	7.585	0.011		−0.010	0.013	T	0.01	0.01	L	7.5911	0.0008	0.007	68		7.58	7.60		C			1							S
39938	7.908	0.007	6.406	0.004		1.263	0.006	T	1.22	0.01	L	6.4230	0.0006	0.007	99		6.41	6.44		C			1							S
39939	9.923	0.033	9.241	0.029	B	0.630	0.036	T	0.70	0.03	L	9.4121	0.0468			B				D	08094+3021	I 2	1 C I B							
39940	9.188	0.019	8.659	0.018	A	0.496	0.023	T	0.57	0.02	L	8.7606	0.0290	0.119	76	A	8.65	8.99		D	08094+3021	I 2	1 C P B							
39941	8.585	0.008	7.391	0.005		1.022	0.007	T	1.00	0.01	L	7.4556	0.0009	0.009	156		7.44	7.47		C			1							
39942	8.508	0.007	8.313	0.008		0.187	0.010	T	0.21	0.01	L	8.3571	0.0016	0.019	215		8.32	8.39					1 G							S
39943	5.451	0.003	5.629	0.004		−0.153	0.002	G	−0.15	0.00	H	5.6069	0.0009	0.006	88		5.60	5.63		C	08095−1615	I 1	1 G							S
39944	7.213	0.006	6.872	0.007		0.351	0.015	G	0.41	0.02	H	6.9135	0.0035	0.028	117		6.87	6.95	0.16	P 1 A			1							S
39945	8.376	0.007	8.385	0.009		−0.007	0.010	T	0.01	0.01	L	8.3923	0.0016	0.016	175		8.36	8.42					1							
39946	9.876	0.025	8.862	0.017		0.885	0.023	T	0.89	0.02	L	8.9392	0.0014	0.013	96		8.92	8.97		C			1							
39947	7.257	0.004	6.597	0.005		0.598	0.006	G	0.67	0.01	H	6.6582	0.0006	0.007	131		6.64	6.67					1							S
39948	7.205	0.008	6.724	0.006	*	0.486	0.015	G	0.56	0.02	H *	6.7929	0.0010	0.006	68	*	6.79	6.81		D	08095+3213	I 1	2 C A	AB	25	2.898	0.003	0.71	0.02	S
39949	6.445	0.004	6.575	0.005		−0.110	0.001	G	−0.09	0.00	H	6.5655	0.0006	0.007	111		6.55	6.58					1							S
39950						1.530	0.020	G	2.30	0.14	I	11.8586	0.0101	0.057	52		11.74	11.99					1							G
39951	7.211	0.006	7.252	0.006		−0.035	0.007	T	−0.01	0.01	L	7.2527	0.0014	0.013	125		7.23	7.27					1							S
39952	9.587	0.017	8.529	0.012		0.918	0.016	T	0.92	0.01	L	8.5754	0.0014	0.015	106		8.56	8.61		C			1							
39953	1.627	0.007	1.793	0.005		−0.145	0.008	T	−0.14	0.02	A	1.7034	0.0016	0.012	83		1.68	1.72		U 2	08095−4721	I 1	1							S
39954	8.259	0.016	7.789	0.013		0.441	0.015	G	0.51	0.02	H	7.8566	0.0011	0.009	68		7.84	7.87					1							S
39955	9.373	0.014	7.523	0.006		1.538	0.012	T	1.59	0.03	L	7.4822	0.0015	0.015	146		7.46	7.50					1							S
39956	9.661	0.020	8.838	0.015		0.742	0.019	T	0.79	0.01	L	8.9121	0.0016	0.017	128		8.88	8.93		C			1							
39957	5.912	0.003	5.683	0.003		0.204	0.005	G	0.22	0.01	H	5.7211	0.0006	0.005	120		5.71	5.73		C			1 G							S
39958	7.470	0.007	6.560	0.006		0.804	0.002	G	0.84	0.03	C	6.6228	0.0008	0.008	82		6.61	6.64		C			1							S
39959	9.480	0.021	8.182	0.013		1.104	0.019	T	1.07	0.02	L	8.2315	0.0019	0.015	73		8.21	8.25		C			1							
39960	9.764	0.023	9.473	0.025		0.277	0.032	T	0.31	0.04	L	9.5758	0.0337	0.215	89		9.23	9.76	0.12	P 1 A			1 S							P
39961	4.965	0.002	5.163	0.002		−0.173	0.002	T	−0.18	0.00	L	5.1346	0.0008	0.009	127		5.12	5.15		U 2			1							S
39962	9.570	0.019	9.179	0.020		0.370	0.026	T	0.43	0.03	L	9.2127	0.0018	0.013	93		9.19	9.23		C			1							
39963	10.912	0.045	9.017	0.016		1.595	0.041	T	1.61	0.04	L	8.9707	0.0017	0.018	135		8.93	9.00		C			1							
39964	10.019	0.028	8.883	0.018		0.977	0.026	T	0.96	0.02	L	8.9250	0.0014	0.014	130		8.90	8.95		C			1							
39965	9.635	0.016	8.288	0.009		1.142	0.014	T	1.11	0.01	L	8.3326	0.0015	0.016	165		8.30	8.36		C			1							
39966	8.625	0.013	7.415	0.008		1.035	0.012	T	1.01	0.01	L	7.4715	0.0018	0.009	71		7.46	7.49			08097+3542	I 1	1							S
39967	10.672	0.039	9.317	0.020		1.163	0.036	T	3.67	0.41	O	8.7880	0.1683	1.045	138		7.43	10.00	326.10	P 1 B			1 S							G P
39968	9.038	0.009	9.088	0.013							T	9.0857	0.0029	0.041	209		9.04	9.20	5.42	P 1 A			1							
39969	9.393	0.013	7.613	0.006		1.483	0.011	T	1.50	0.02	L	7.5786	0.0009	0.011	174		7.56	7.60		C			1							
39970	4.967	0.002	5.196	0.003		−0.199	0.003	T	−0.21	0.00	L	5.1590	0.0006	0.007	109		5.15	5.17		M			1							S
39971	8.923	0.019	8.649	0.020		0.261	0.026	T	0.29	0.03	L	8.7025	0.0024	0.014	54		8.68	8.72					1							
39972	9.111	0.015	8.588	0.014		0.490	0.015	G	0.56	0.02	H	8.6518	0.0016	0.014	89		8.62	8.68		C			1							
39973	10.055	0.027	9.686	0.030		0.340	0.020	G	0.40	0.03	H	9.7585	0.0034	0.023	97		9.70	9.80					1							G
39974	6.483	0.008	6.546	0.009	A	−0.036	0.010	G	−0.01	0.01	H *	6.2603	0.0006	0.006	141	*	6.25	6.27		D	08098−4238	I 1	2 C A	AB	81	5.554	0.002	1.15	0.01	S
39975	10.559	0.052	8.981	0.023		1.323	0.045	T	1.28	0.05	L	9.0056	0.0019	0.014	69		8.98	9.03		C			1							
39976	10.238	0.028	9.528	0.024		0.640	0.028	T	0.70	0.03	L	9.5650	0.0027	0.028	157		9.53	9.63					1							G
39977	9.993	0.024	9.402	0.023		0.552	0.029	T	0.62	0.03	L	9.4666	0.0017	0.018	98		9.43	9.49					1							
39978	8.886	0.018	7.894	0.013		0.868	0.017	T	0.88	0.01	L	7.9627	0.0013	0.009	48		7.94	7.98		C			1							S
39979	9.088	0.013	7.336	0.006		1.460	0.015	G	1.47	0.02	H	7.3250	0.0012	0.011	141		7.31	7.34					1							S
39980	9.808	0.022	8.698	0.014		0.957	0.020	T	0.94	0.01	L	8.7490	0.0021	0.019	129		8.72	8.78					1							
39981	8.343	0.010	8.451	0.013		−0.093	0.014	T	−0.07	0.02	L	8.4197	0.0012	0.015	147		8.40	8.45					1							
39982	9.630	0.025	8.255	0.015		1.110	0.015	G	1.07	0.02	H	8.3229	0.0027	0.013	51		8.30	8.35		C			1							
39983	9.384	0.017	9.119	0.019		0.249	0.026	T	0.28	0.03	L	9.1583	0.0037	0.029	120		9.12	9.20		U			1							
39984	11.228	0.077	9.658	0.032		1.341	0.011	G	1.31	0.01	H	9.6666	0.0026	0.021	113		9.63	9.70					1							G
39985	9.386	0.018	7.641	0.009		1.455	0.016	T	1.46	0.03	L	7.6210	0.0015	0.012	85		7.60	7.64					1							S
39986	8.014	0.011	7.757	0.010		0.245	0.014	T	0.27	0.02	L	7.7850	0.0018	0.011	64		7.77	7.80					1							S
39987						1.523	0.020	G	2.47	0.02	A	11.7954	0.0082	0.060	105		11.68	11.90		U			1 S							D
39988	8.143	0.010	8.136	0.012		−0.002	0.016	G	0.02	0.01	H	8.1507	0.0015	0.012	122		8.13	8.17		C			1							
39989	9.811	0.018	9.172	0.016		0.541	0.015	G	0.61	0.02	H	9.2878	0.0020	0.021	134		9.25	9.33		C			1							
39990	9.306	0.024	7.557	0.012		1.487	0.022	T	2.35	0.06	O	7.3831	0.0050	0.027	55		7.33	7.44		U 2			1 S							S
39991	9.250	0.019	8.945	0.020		0.290	0.026	T	0.33	0.03	L	8.9580	0.0023	0.015	50		8.93	8.98		C			1							
39992	7.950	0.021	8.092	0.028		−0.108	0.003	G	−0.09	0.00	H	8.0613	0.0013	0.012	101		8.04	8.08		C			1							
39993	9.292	0.015	9.025	0.016		0.251	0.023	T	0.28	0.03	L	9.0987	0.0022	0.019	112		9.07	9.13		C			1							
39994	7.984	0.010	7.908	0.012	*	0.068	0.014	T	0.08	0.01	L *	8.0289	0.0012	0.014	122	*	8.01	8.05		D	08101−4109	I 1	2 C A	AB	353	2.721	0.012	2.34	0.05	
39995	7.693	0.008	6.062	0.003		1.365	0.007	T	1.33	0.01	L	6.0600	0.0009	0.008	129		6.05	6.07					1							S
39996	10.020	0.021	7.974	0.008		1.694	0.018	T	1.72	0.02	L	7.8663	0.0020	0.023	167		7.83	7.90		U 2			1							
39997	9.906	0.024	7.949	0.010		1.659	0.021	T	2.10	0.06	O	7.8164	0.0041	0.033	75		7.78	7.90		U 2			1							
39998	9.979	0.024	7.934	0.009		1.731	0.021	T	2.24	0.05	O	7.7832	0.0038	0.031	117		7.72	7.82		U 2			1							
39999	8.212	0.013	7.653	0.011		0.523	0.015	T	0.60	0.02	L	7.7063	0.0010	0.008	57		7.69	7.72		C			1							S
40000	10.177	0.018	8.548	0.009		1.363	0.016	T	1.33	0.02	L	8.5575	0.0016	0.019	224		8.53	8.59		C			1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
40001		08 10 11.32	+35 27 20.0	6.65		H	122.547 185 90	+35.455 561 87		20.17	220.16	−236.55	0.87	0.51	0.97	1.06	0.62	−12	+48	−25	−17	−5	−20	−11	−14	−6	+11	2	1.22
40002		08 10 11.63	+69 24 56.9	8.85		H	122.548 454 82	+69.415 814 53		2.85	1.83	−3.67	0.70	0.86	1.28	0.74	0.99	+38	+16	+5	−21	−31	+7	−32	−12	+4	+36	0	0.60
40003		08 10 11.97	−38 09 42.4	7.78		H	122.549 884 86	−38.161 775 15		4.11	−18.58	27.37	0.50	0.54	0.67	0.53	0.57	+4	−1	−13	+5	+0	+7	−2	−16	+10	−6	1	−0.12
40004		08 10 12.10	+05 16 25.6	8.31		H	122.550 418 15	+05.273 786 05		4.40	−12.64	−1.27	0.95	0.65	1.15	1.12	0.88	−28	+31	−36	−19	+6	−36	−13	+32	−15	−12	2	1.52
40005	H	08 10 12.14	−35 38 48.1	9.13	2	G	122.550 569 81	−35.646 708 02	*	2.16	2.65	2.65	0.65	0.73	0.93	0.76	0.86	+14	+5	+18	+2	+0	+5	+0	−1	+16	+4	0	0.92
40006	H	08 10 12.58	+55 48 16.1	7.52		H	122.552 423 21	+55.804 460 76	A	11.03	−16.92	−57.41	1.21	0.92	1.46	1.58	1.38	−29	+6	−5	−37	−23	+19	−36	−9	+21	+24	1	1.01
40007		08 10 13.12	+25 50 40.4	6.44		H	122.554 649 62	+25.844 555 71		3.16	−15.12	−30.84	0.70	0.41	0.80	0.76	0.45	−39	+32	−16	−13	−11	−19	−9	−15	+18	−68	0	0.06
40008		08 10 13.80	−03 16 07.1	8.54		H	122.557 520 58	−03.268 642 51		−1.47	−4.38	−2.64	0.89	0.58	1.12	1.10	0.67	−25	+32	−24	+27	+17	−8	+14	+9	−1	−10	2	2.17
40009		08 10 13.92	+27 05 21.1	8.02		H	122.558 019 80	+27.089 182 70		4.94	−4.10	3.39	1.00	0.60	1.12	0.96	0.69	−37	+46	−24	−20	−3	−15	−7	−12	+0	−54	0	1.72
40010		08 10 15.62	−22 31 59.8	6.80		G	122.565 065 79	−22.533 267 62		11.43	−40.67	−14.74	0.58	0.53	0.79	0.76	0.68	−3	+7	−10	−4	−4	−3	−5	−11	+2	−21	2	−1.26
40011		08 10 16.09	−49 02 05.8	7.32		H	122.567 040 37	−49.034 930 88		3.44	−9.14	4.48	0.56	0.51	0.62	0.72	0.57	+15	+14	+4	+10	−8	+19	−7	−13	+17	+9	0	−0.13
40012		08 10 17.90	+09 10 05.4	6.80		H	122.574 601 60	+09.168 154 42		7.00	23.48	−5.38	0.90	0.62	1.03	1.11	0.75	−3	+30	−41	−31	+2	−35	−20	+15	−18	+18	0	1.01
40013		08 10 19.57	+41 38 16.6	8.11		H	122.581 557 19	+41.637 951 18		7.60	−39.00	−31.30	0.94	0.54	1.00	1.37	0.92	−1	+24	+2	+29	−11	−12	−9	+33	+12	+5	0	−0.72
40014		08 10 19.84	−61 50 44.7	9.13		H	122.582 677 49	−61.845 761 57		2.13	−1.89	11.06	0.85	0.76	0.88	0.97	0.84	−5	−2	+14	+2	+7	+17	+3	−11	+6	−16	1	−0.43
40015		08 10 20.20	+69 43 29.3	6.54		H	122.584 152 52	+69.724 791 95		34.16	161.36	117.55	0.56	0.70	0.99	0.65	0.81	+31	+14	+1	−9	−19	−1	−20	−17	−10	+32	0	
40016		08 10 20.57	−49 14 14.5	6.46		H	122.585 719 45	−49.237 359 93		2.00	−10.01	5.24	0.47	0.42	0.52	0.61	0.43	+11	+16	+2	+10	−6	+16	−2	−25	+23	+11	0	−0.75
40017		08 10 21.34	−18 11 30.8	8.32		H	122.588 932 50	−18.191 881 05		1.55	−6.76	−0.90	0.74	0.70	1.08	0.88	1.04	−7	+26	−5	−8	+5	+0	+12	+11	+9	−21	0	0.28
40018	H	08 10 23.53	−30 13 59.7	8.43		H	122.598 038 63	−30.233 247 54	A	10.29	−36.10	64.20	0.86	1.08	1.32	0.99	0.97	−3	+8	+0	+14	+12	+6	+5	−17	−5	−18	1	0.29
40019		08 10 23.75	−48 03 56.5	8.59		H	122.598 967 86	−48.065 685 00		4.76	−14.58	3.43	0.69	0.63	0.78	0.84	0.70	+4	+9	+9	+5	−12	+4	−10	−11	+21	+0	3	0.55
40020		08 10 23.79	−41 01 16.0	9.88		H	122.599 141 03	−41.021 103 83		2.04	−14.51	3.16	0.92	1.01	1.17	1.06	1.01	−8	+3	+19	−19	+15	+0	+12	−36	−4	−20	0	−2.03
40021		08 10 24.92	−78 01 23.3	8.77		H	122.603 828 32	−78.023 126 44		2.38	−11.23	8.36	0.70	0.68	0.75	0.72	0.75	+0	+17	+22	+22	−14	+17	−20	+17	+0	−16	0	0.12
40022		08 10 27.02	+07 02 02.2	9.85		G	122.612 568 57	+07.033 954 50		3.46	−12.73	−12.12	1.66	0.96	1.87	1.82	1.45	−26	+28	−19	−40	+14	−25	+1	+4	−31	−15	0	−0.78
40023		08 10 27.23	+25 30 29.4	5.73	1	H	122.613 449 88	+25.508 179 93		23.82	−71.82	−348.06	0.66	0.39	0.74	0.70	0.43	−41	+42	−19	−13	−9	−16	−7	−17	+13	−67	0	−0.40
40024		08 10 27.25	−49 09 51.0	7.93		G	122.613 546 92	−49.164 154 00		2.22	−8.71	4.15	0.60	0.59	0.69	0.77	0.65	+16	+20	+12	+11	−7	+21	−9	−17	+9	+7	0	−1.40
40025		08 10 30.57	−09 36 17.1	7.65	2	H	122.627 355 61	−09.604 747 31		2.24	−0.45	0.13	0.78	0.77	0.97	0.93	0.98	−37	+19	−25	−4	−17	−18	−23	+43	−8	−35	0	2.78
40026		08 10 31.41	+37 20 54.7	8.27		H	122.630 885 35	+37.348 515 43		13.31	28.41	−19.68	1.00	0.53	1.09	1.33	0.80	+5	+29	+1	−12	−14	+1	−18	−5	−14	−7	0	0.65
40027		08 10 32.85	−48 11 14.5	8.24		H	122.636 878 91	−48.187 366 50		3.06	0.93	−27.58	0.73	0.67	0.83	0.88	0.74	−5	+2	+8	+20	−8	+9	−10	−11	+25	−12	0	2.46
40028		08 10 33.33	−30 54 28.4	8.67		H	122.638 880 72	−30.907 892 02		1.93	−3.49	2.49	0.55	0.72	0.97	0.61	0.77	+8	+4	+3	+18	+1	+18	−3	−18	+0	−3	0	−0.61
40029		08 10 34.46	−39 39 52.6	7.76		H	122.643 588 76	−39.664 614 99		7.34	−22.34	39.57	0.48	0.57	0.68	0.47	0.59	+3	+11	+19	+3	−6	+8	−10	−15	−4	−11	0	2.10
40030		08 10 34.56	−70 47 02.3	8.09		G	122.644 017 63	−70.783 965 31		2.87	−6.83	10.62	0.68	0.59	0.69	0.72	0.58	+8	+37	+17	−8	−15	+4	−9	+4	+2	−22	0	0.49
40031		08 10 36.20	−64 02 48.5	8.92		H	122.650 818 88	−64.046 810 23		4.30	−18.92	41.83	0.70	0.62	0.70	0.63	0.63	+6	+14	+11	−42	−16	−10	−9	−18	+6	−27	2	0.99
40032		08 10 37.04	+78 51 30.8	9.18		H	122.654 347 74	+78.858 552 37		2.95	−7.30	−12.26	0.81	0.79	1.13	1.04	0.92	−2	+16	−11	+9	−14	+0	−9	−7	+2	+20	0	0.35
40033		08 10 39.41	+63 09 14.4	9.18		H	122.664 193 54	+63.154 001 85		3.82	−5.86	4.51	0.98	0.84	1.42	0.97	1.13	−9	+26	−8	+8	+7	+4	+23	−20	+29	+22	0	−0.15
40034		08 10 39.59	−80 35 09.7	8.66		H	122.664 941 76	−80.586 038 28		1.79	−14.02	7.92	0.71	0.65	0.74	0.87	0.77	−18	+17	+6	−2	+3	−8	+3	−10	+7	−34	3	0.73
40035		08 10 39.98	−13 47 57.7	5.53		G	122.666 569 02	−13.799 347 46		44.47	−250.56	57.68	0.55	0.48	0.77	0.59	0.55	−14	+30	−36	−8	−6	−8	−14	+19	−11	+5	0	1.39
40036		08 10 40.40	+02 56 58.4	6.94		H	122.668 322 91	+02.949 546 04		4.62	−52.77	−25.76	1.01	0.61	1.12	1.31	0.87	−38	+37	−14	+1	−24	−25	−24	+40	+15	−26	0	1.12
40037		08 10 40.89	+38 22 07.4	8.74		H	122.670 395 52	+38.368 726 12		6.52	−29.03	−27.02	0.96	0.62	1.09	1.27	1.00	−16	+22	+3	−6	−6	−9	−8	+1	−6	−32	0	0.57
40038		08 10 42.86	−12 40 11.6	10.67		G	122.678 580 26	−12.669 893 51		−2.80	−1.21	−1.90	1.55	1.31	2.09	1.52	1.55	−30	+30	−24	−33	−10	−15	−16	+9	−7	−33	0	1.47
40039		08 10 44.37	+36 37 59.1	9.00		G	122.684 892 84	+36.633 075 53		13.20	−120.26	−145.59	1.31	0.75	1.46	1.49	1.03	−20	+54	−18	−25	−1	−24	−8	−23	−7	−1	2	0.86
40040		08 10 44.59	+59 11 35.0	8.05		H	122.685 805 19	+59.193 043 07		3.98	6.73	12.64	0.71	0.56	0.93	0.89	0.72	−1	+15	−7	−34	−7	+3	−7	−30	+16	+40	1	−0.58
40041		08 10 44.81	+52 08 34.5	7.41		H	122.686 717 89	+52.142 926 43		12.58	47.75	−46.46	0.78	0.53	0.86	1.08	0.73	+0	+18	+8	+29	−5	−3	−6	+7	+1	−5	2	1.38
*40042		08 10 46.33	+10 14 39.4	8.40		H	122.693 061 50	+10.244 285 62		5.94	11.42	−39.40	1.16	0.92	1.36	1.48	1.19	−20	+5	−16	−8	−29	−45	−42	+48	+8	−25	0	0.42
*40043		08 10 46.32	−62 53 48.5	8.28		H	122.692 993 96	−62.896 805 56		14.56	−69.05	150.54	0.63	0.56	0.64	0.84	0.58	−6	−9	+22	+14	−11	−12	−7	−11	+2	−6	1	0.38
40044	H	08 10 47.66	−32 36 14.5	8.18		G	122.698 600 73	−32.604 036 09	A	1.20	−9.23	9.95	1.46	1.49	1.89	1.56	1.49	−3	−10	+12	+6	+12	+16	+9	−3	−21	−16	1	2.39
40045		08 10 47.78	−38 16 08.0	7.73		H	122.699 082 24	−38.268 888 30		5.20	0.19	1.01	0.49	0.54	0.67	0.52	0.58	+3	−4	−8	+13	−2	+12	−2	−7	+0	−6	1	0.27
40046		08 10 48.32	+67 12 46.3	8.38		H	122.701 336 95	+67.212 854 83		11.52	1.41	29.79	0.72	0.73	1.05	0.79	0.93	+10	+9	−17	+15	−11	+16	−8	−1	+6	+31	1	0.68
40047		08 10 49.47	+74 57 57.8	9.55		H	122.706 140 66	+74.966 068 11		7.77	7.35	9.55	0.76	0.86	1.15	0.94	0.97	−2	+10	−14	+17	+13	+4	+10	−14	−5	−9	0	−1.57
40048	H	08 10 50.81	+34 42 36.1	9.03		G	122.711 728 87	+34.710 016 16	*	4.17	−23.74	−19.12	3.21	2.04	1.78	2.17	1.35	−19	+11	−14	−12	−19	+19	−14	−4	+1	−19	2	0.46
40049		08 10 51.44	−32 22 46.8	7.20		H	122.714 346 63	−32.379 661 95		2.18	−18.44	38.49	0.45	0.52	0.72	0.53	0.54	+0	−9	+15	+6	+14	+19	+9	−18	−13	−10	0	−0.92
40050	H	08 10 51.92	+35 54 43.3	9.20		H	122.716 349 53	+35.912 031 91	A	5.29	−6.45	0.36	2.09	1.12	2.10	2.55	1.54	−9	+24	−7	−23	−16	−31	−23	+14	+6	−2	2	0.51
40051		08 10 52.58	−42 48 38.1	8.78		G	122.719 065 03	−42.810 582 40		29.86	23.14	−341.87	0.70	0.66	0.82	0.83	0.68	−3	+6	+6	+4	+10	−2	+8	−9	+4	−14	1	−0.27
40052		08 10 53.10	+42 47 00.1	10.44		H	122.721 248 71	+42.783 368 30		1.61	−2.88	1.39	1.62	0.97	1.81	2.41	1.87	+3	+15	+5	+19	−14	−3	−14	+33	+23	+0	0	−1.20
40053	H	08 10 53.15	−51 11 26.1	7.94	1	H	122.721 455 34	−51.190 593 47	*	1.98	−4.14	4.93	1.70	1.58	0.81	0.76	0.74	−28	+11	+2	−16	−4	−11	−6	−14	−6	−10	3	1.24
40054		08 10 53.75	+20 46 44.6	9.23		H	122.723 977 82	+20.779 063 70		3.01	13.24	−17.54	1.21	1.02	1.67	1.61	1.32	−39	+18	−40	−2	+15	−45	−6	+19	−23	−24	7	−0.27
40055		08 10 57.02	+77 38 32.6	8.01		H	122.737 601 59	+77.642 399 34		12.76	−131.12	−89.03	0.52	0.53	0.75	0.62	0.66	+2	+12	−8	+19	+5	+2	+8	−2	−7	+18	0	−0.36
40056		08 10 57.47	−39 04 41.2	7.37		H	122.739 443 00	−39.078 102 00		0.89	−6.21	1.04	0.45	0.49	0.58	0.49	0.50	−1	+2	+6	+18	+1	+3	−3	−24	+5	−11	0	−1.43
40057		08 10 58.46	−06 44 52.7	6.71		H	122.743 599 54	−06.747 961 15		7.03	−52.39	34.30	0.68	0.59	0.86	0.89	0.77	−27	+11	−16	+11	−6	−37	−12	+39	+1	−25	0	−0.51
40058		08 10 58.90	+14 37 46.3	6.22		H	122.745 408 46	+14.629 515 11		5.61	−22.30	−16.78	0.77	0.56	0.87	0.88	0.70	−12	+28	−24	−19	−9	−33	−19	+21	−10	−12	0	−0.19
40059		08 10 59.56	−49 17 03.9	7.89		H	122.748 157 94	−49.284 419 26		2.36	−9.42	4.03	0.63	0.61	0.74	0.80	0.68	+8	+19	+9	+13	−4	+26	−6	−11	+9	−2	0	−0.45
40060		08 10 59.73	+65 13 22.1	9.67	3	H	122.748 864 34	+65.222 805 54	*	−1.39	10.20	2.30	1.09	1.18	1.39	1.02	1.13	+26	−3	+4	+19	−7	−2	−4	+3	+5	+48	0	−0.39
40061	H	08 11 01.13	−00 18 40.5	8.87		G	122.754 696 30	−00.311 236 20	A	1.16	−7.29	−3.27	2.22	1.57	2.15	2.16	1.22	−40	+33	−22	−37	+12	−17	+2	−6	−11	−27	3	0.03
40062		08 11 01.41	+54 14 03.8	8.16		G	122.755 887 07	+54.234 383 25		10.31	−6.79	−62.29	0.77	0.64	0.99	0.98	1.01	−14	+20	−4	−17	−22	−4	−21	+7	+15	−21	0	−0.37
40063		08 11 01.69	−37 17 32.6	6.42		H	122.757 029 41	−37.292 386 56		1.33	−4.72	5.82	0.40	0.43	0.56	0.44	0.45	+9	+11	+13	+3	−7	−9	−5	+3	+4	−2	1	−1.85
40064		08 11 02.77	−01 10 05.4	8.38		H	122.761 536 30	−01.168 163 58		1.73	67.07	−72.39	0.93	0.62	1.19	1.19	0.73	−29	+24	−10	+13	−4	−10	−9	+6	−11	−32	0	1.08
40065		08 11 02.95	+09 34 36.1	8.07		G	122.762 306 02	+09.576 685 78		5.08	−2.13	−5.04	1.05	0.73	1.20	1.26	0.89	+9	−2	−36	−18	−6	−36	−24	+21	−1	+7	0	0.07
40066		08 11 03.36	−18 58 26.7	7.53	2	H	122.764 020 71	−18.974 077 24		2.44	−11.76	−0.52	0.64	0.54	0.89	0.69	0.71	+13	+24	−15	−22	−9	−19	−10	+3	+1	−1	0	0.16
40067		08 11 04.91	+58 22 53.2	8.05		H	122.770 463 21	+58.381 446 97		0.90	−22.87	−16.75	0.74	0.64	1.00	0.89	0.74	−16	+7	−6	−42	−6	+1	−7	−38	+13	+22	2	0.91
40068		08 11 05.78	+79 54 32.8	10.01		G	122.774 102 36	+79.909 103 45		3.91	136.81	−366.66	0.88	0.88	1.22	0.99	0.98	+4	+19	−2	+4	−16	+14	−11	−24	−3	+23	2	1.23
40069	H	08 11 06.29	−54 55 17.9	9.04		H	122.776 208 92	−54.921 646 85	A	3.30	0.57	−8.68	3.78	3.45	1.07	1.20	0.94	+61	+6	−1	−7	+2	+3	+0	−23	+22	+7	1	0.11
40070		08 11 07.44	−40 45 30.1	6.69		H	122.780 987 21	−40.758 350 72		3.80	−14.02	28.43	0.46	0.48	0.59	0.50	0.50	−4	+0	+20	−18	+9	+14	+5	−27	+1	−16	0	0.38
40071		08 11 09.68	+53 14 43.0	6.79		H	122.790 339 75	+53.245 264 61		11.33	19.51	−72.84	0.57	0.45	0.74	0.70	0.58	−10	+23	−15	−18	−16	+2	−15	−8	+5	−8	0	0.66
*40072		08 11 09.79	−46 17 50.5	8.83		G	122.790 790 30	−46.297 365 39		24.98	−124.72	−11.84	0.84	0.79	1.00	0.97	0.84	+4	−18	+9	−20	−9	−1	−12	−14	+23	+0	0	0.30
*40073		08 11 09.69	+84 24 26.3	7.59		G	122.790 369 47	+84.407 315 22		4.10	−8.35	−7.76	0.56	0.53	0.64	0.68	0.57	+9	+18	−8	+30	+7	+8	+10	+5	+7	+19	0	0.59
*40074		08 11 10.52	−26 53 03.0	8.89	2	H	122.793 853 84	−26.884 179 27		1.38	0.76	20.79	0.82	0.80	1.23	0.85	0.86	+24	−15	+3	+47	+30	+11	+30	+5	+3	+27	0	−1.09
*40075		08 11 10.47	+27 50 14.5	11.41		H	122.793 636 57	+27.837 371 12		−2.48	−23.70	−21.97	2.72	1.81	3.14	2.69	1.92	−59	+47	−43	−11	+2	+9	+2	−16	−5	−61	0	−1.76
40076		08 11 10.75	−67 40 04.2	8.26		H	122.794 775 70	−67.667 831 65		2.14	−11.64	−18.77	0.70	0.69	0.75	0.86	0.75	−5	+16	+11	+1	−7	−15	−5	−13	+11	−25	1	−1.09
40077		08 11 10.80	−48 27 43.2	5.83		H	122.795 019 34	−48.462 003 65		4.48	−17.24	4.02	0.45	0.40	0.49	0.53	0.42	+13	+5	+9	+3	−12	+13	−12	−22	+21	+9	3	−0.31
40078	H	08 11 10.81	−33 30 57.2	10.74	2	H	122.795 053 53	−33.515 890 61	*	−10.42	−4.70	11.39	3.21	3.72	4.30	3.32	3.79	−4	+9	+9	+3	+3	+3	+0	−15	−8	−19	0	3.75
40079	H	08 11 12.08	−64 30 23.2	8.91		H	122.800 347 12	−64.506 442 25	A	8.30	−25.08	3.15	1.89	1.96	1.73	1.49	1.72	−8	−1	+6	−39	−5	−3	−2	−16	+9	−35	1	0.90
40080		08 11 13.18	−01 33 58.9	7.82		H	122.804 900 61	−01.566 355 14		5.04	−10.10	−10.05	0.82	0.58	1.05	1.10	0.73	−28	+17	−22	+30	+0	−16	−6	+26	−9	−25	0	2.39
40081		08 11 14.63	−77 05 51.1	8.09	1	H	122.810 960 45	−77.097 514 87		1.38	−11.55	14.94	0.61	0.60	0.65	0.68	0.68	+0	+14	+22	+13	−13	+10	−16	+23	−8	−11	1	2.58
40082		08 11 14.76	−07 11 57.0	8.12		G	122.811 498 16	−07.199 157 74		4.37	−6.97	5.15	0.87	0.73	1.06	1.19	1.06	−28	+12	−3	−6	−15	−18	−14	+32	+2	−32	4	1.39
40083		08 11 15.59	−37 39 56.7	8.49		G	122.814 973 37	−37.665 737 76		0.80	−3.57	5.23	0.59	0.67	0.84	0.63	0.75	+5	+4	+12	−7	−4	+3	−5	−10	+7	−6	1	−1.96
40084		08 11 16.32	−12 55 37.3	4.72		G	122.818 005 45	−12.927 018 35		17.64	−26.04	8.08	0.50	0.43	0.69	0.52	0.52	−20	+24	−31	−12	−15	−6	−21	+14	−7	−18	1	2.08
40085		08 11 16.60	+09 49 16.6	6.08		G	122.819 180 33	+09.821 268 87		3.74	−6.92	−15.99	0.84	0.61	0.99	1.01	0.74	+0	+15	−42	−23	−7	−34	−27	+25	−9	+4	0	1.80
40086		08 11 18.03	+54 32 25.7	6.48		H	122.825 135 47	+54.540 465 80		5.87	47.34	−93.70	0.64	0.51	0.82	0.79	0.74	−6	+26	−5	−18	−12	−15	−10	+1	+15	−8	0	−0.88
40087		08 11 18.12	−02 36 17.6	8.58		G	122.825 480 86	−02.604 889 61		8.62	−19.98	3.78	0.84	0.61	1.14	1.12	0.72	−20	+26	−35	+15	+21	−21	+13	+15	−8	+1	0	1.76
40088		08 11 18.77	−45 49 05.3	6.94		G	122.828 204 37	−45.818 144 78		5.77	−21.44	10.37	0.50	0.52	0.62	0.59	0.53	−5	−1	+15	−13	−4	−15	−2	−22	+13	−18	0	0.74
40089	H	08 11 20.53	+47 34 52.8	11.29		G	122.835 539 67	+47.581 331 24	A	24.30	−178.44	−37.57	4.07	2.64	3.95	5.46	3.03	+26	+7	−16	+12	−12	+32	−3	−15	−4	+15	1	0.03
40090	H	08 11 20.81	+74 21 46.8	8.09		G	122.836 728 64	+74.362 999 43	A	6.93	−20.13	−47.35	1.07	1.21	1.39	1.26	1.25	+29	+20	+3	+9	−15	+4	−13	−11	−6	+28	0	0.75
40091		08 11 21.50	−39 37 06.8	4.44	1	G	122.839 584 36	−39.618 553 04		1.74	−8.91	3.10	0.39	0.43	0.52	0.40	0.42	+11	+11	+14	+6	−1	+7	−5	−23	−2	−1	2	1.63
40092		08 11 21.71	−36 48 03.5	7.26		H	122.840 459 03	−36.800 959 17		3.16	5.74	−5.17	0.47	0.48	0.66	0.52	0.53	+3	+12	+8	−5	−1	−1	+1	−4	+14	−6	0	−1.47
40093		08 11 21.73	+38 43 53.4	6.61		H	122.840 545 40	+38.731 498 89		21.97	−107.58	−76.02	0.71	0.43	0.80	0.95	0.65	−6	+21	+0	−7	−10	−12	−11	+3	−6	−19	0	−0.03
40094		08 11 21.86	+55 29 23.8	9.25		G	122.841 063 50	+55.489 950 50		8.01	9.62	13.93	1.01	0.77	1.30	1.30	1.20	−28	+29	−11	−8	−26	−9	−28	+13	+13	−13	0	−0.49
40095		08 11 23.68	+78 15 31.6	10.56		H	122.848 679 91	+78.258 778 33		−1.11	0.44	4.31	1.05	0.99	1.50	1.31	1.23	−2	+16	−12	−3	−15	+8	−12	−4	+12	+15	0	−0.75
40096		08 11 25.90	−42 59 14.2	4.73	1	H	122.857 903 44	−42.987 288 88		0.70	−5.33	4.60	0.41	0.38	0.48	0.46	0.38	+8	+7	+9	+9	+2	+9	+1	−8	+8	+0	0	−0.45
40097		08 11 27.01	+04 22 49.7	8.24		H	122.862 533 19	+04.380 473 36		2.74	−10.31	−1.03	1.25	0.60	1.25	1.64	0.84	−11	+31	−17	−40	−7	−4	−19	+8	−4	+17	4	1.23
40098		08 11 28.74	+43 24 26.1	8.57		H	122.869 731 69	+43.407 243 58		12.49	−81.51	−26.17	1.14	0.67	1.25	1.88	1.24	+15	+13	+14	+30	+3	−18	+9	+38	+21	+4	0	0.13
40099		08 11 29.78	+06 01 23.4	8.62		H	122.874 077 77	+06.023 156 87		5.79	−6.71	11.05	1.27	0.62	1.31	1.35	1.00	−32	+30	−16	−42	+18	−21	+10	+1	−27	−27	0	0.51
40100		08 11 30.16	−14 26 17.3	7.68		H	122.875 685 16	−14.438 140 57		3.92	−2.20	−3.03	0.73	0.62	0.99	0.81	0.78	−18	+28	−7	+4	−19	−16	−22	+26	−2	−19	0	0.80

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
40001	7.293	0.007	6.717	0.006		0.538	0.008	T	0.61	0.01	L	6.7645	0.0010	0.007	78		6.75	6.78		C			1							S
40002	10.145	0.018	8.952	0.011		1.022	0.016	T	1.00	0.01	L	9.0174	0.0020	0.024	217		8.98	9.06					1							S
40003	9.108	0.012	7.893	0.008		1.039	0.011	T	1.01	0.01	L	7.9434	0.0013	0.013	146		7.93	7.97					1							
40004	8.497	0.010	8.344	0.012		0.147	0.015	T	0.16	0.01	L	8.3674	0.0015	0.015	87		8.34	8.39					1							
40005	11.161	0.058	9.212	0.018	*	1.251	0.218	G	1.21	0.21	R *	8.9844	0.0037	0.033	142	*	8.93	9.04		U 2	08102−3539	H 1	2 C S A	AB	130	0.147	0.008	0.63	0.62	
40006	7.898	0.007	7.584	0.006	A	0.000	0.495	G	0.29	0.04	L *	7.5953	0.0011	0.010	141	*	7.58	7.61		C	08102+5548	I 1	2 C A	AB	232	1.440	0.019	3.11	0.14	S
40007	8.257	0.008	6.586	0.004		1.420	0.015	G	1.40	0.02	H	6.5797	0.0006	0.009	171		6.57	6.59			08102+2551	I 1	1							S
40008	8.617	0.012	8.525	0.014		0.090	0.017	T	0.10	0.02	L	8.5807	0.0012	0.011	95		8.56	8.60		C			1							
40009	9.557	0.018	8.174	0.010		1.170	0.016	T	1.13	0.01	L	8.1844	0.0011	0.013	103		8.16	8.20					1							S
40010	7.149	0.005	6.822	0.006		0.315	0.015	G	0.36	0.02	H	6.8725	0.0010	0.009	104		6.85	6.89		C			1							S
40011	7.132	0.005	7.297	0.009		−0.133	0.007	G	−0.12	0.01	H	7.2744	0.0009	0.009	119		7.26	7.29		C			1							S
40012	7.850	0.012	6.890	0.010		0.844	0.012	T	0.86	0.01	L	6.9516	0.0010	0.006	53		6.94	6.96		C			1							S
40013	8.449	0.011	8.159	0.012		0.276	0.015	T	0.31	0.02	L	8.1848	0.0016	0.014	96		8.16	8.21		C			1							S
40014	9.854	0.025	9.232	0.022		0.579	0.029	T	0.65	0.03	L	9.2569	0.0027	0.023	104		9.22	9.29					1							
40015	7.220	0.004	6.612	0.003		0.567	0.015	G	0.65	0.03	C	6.6664	0.0007	0.009	213		6.65	6.68		C			1 X							S
40016	6.265	0.003	6.425	0.005		−0.140	0.005	T	−0.13	0.01	L	6.4139	0.0007	0.007	121		6.40	6.43		C			1							S
40017	10.105	0.029	8.472	0.014		1.367	0.025	T	1.34	0.03	L	8.4676	0.0015	0.017	117		8.43	8.50			08104−1812	I 1	1							
40018	9.044	0.011	8.512	0.010	*	0.507	0.011	T	0.58	0.01	L *	8.5433	0.0018	0.018	182	*	8.51	8.57		C	08104−3014	I 1	2 C A	AB	47	0.891	0.011	2.54	0.05	
40019	8.553	0.018	8.587	0.023		−0.014	0.004	G	0.01	0.00	H	8.5902	0.0015	0.013	107		8.57	8.61		C			1							
40020	11.143	0.061	9.997	0.035		0.985	0.055	T	0.97	0.04	L	10.0464	0.0029	0.027	121		10.00	10.08		C			1							G
40021	10.339	0.027	8.896	0.014		1.217	0.024	T	1.18	0.02	L	8.9341	0.0016	0.016	118		8.90	8.98					1							
40022	10.227	0.044	9.830	0.047		0.340	0.020	G	0.40	0.03	H	9.9461	0.0033	0.020	57		9.91	9.98		C			1							G
40023	6.745	0.003	5.815	0.003		0.825	0.009	G	0.79	0.04	E	5.8748	0.0010	0.013	169		5.86	5.89		U 2	08104+2530	I 1	1							S
40024	7.795	0.010	7.873	0.011		−0.085	0.015	G	−0.07	0.02	H	7.8959	0.0013	0.012	116		7.88	7.92		C			1							S
40025	9.824	0.025	7.904	0.011		1.628	0.023	T	2.69	0.04	O	7.6314	0.0053	0.044	63		7.57	7.73		U 2			1 S							
40026	8.932	0.013	8.343	0.012		0.566	0.015	G	0.64	0.01	H	8.3932	0.0012	0.012	94		8.37	8.42					1							S
40027	9.672	0.030	8.367	0.018		1.050	0.015	G	1.02	0.01	H	8.4102	0.0014	0.012	97		8.39	8.44		C			1							
40028	8.648	0.008	8.658	0.010		−0.004	0.012	T	0.02	0.01	L	8.6789	0.0017	0.023	187		8.64	8.71					1 S							
40029	8.294	0.009	7.809	0.008		0.469	0.009	T	0.54	0.01	L	7.8670	0.0008	0.013	146		7.84	7.88					1							S
40030	9.134	0.013	8.185	0.010		0.853	0.007	G	0.87	0.01	H	8.2438	0.0016	0.011	108		8.22	8.27		C			1							S
40031	9.343	0.016	8.957	0.016		0.377	0.019	T	0.44	0.02	L	9.0105	0.0017	0.015	120		8.99	9.04					1							
40032	10.598	0.033	9.310	0.019		1.096	0.030	T	1.06	0.03	L	9.3437	0.0021	0.023	141		9.31	9.39		C			1							
40033	10.484	0.041	9.259	0.025		1.047	0.037	T	1.02	0.03	L	9.3492	0.0029	0.026	104		9.32	9.39		C			1							
40034	10.756	0.039	8.858	0.014		1.576	0.033	T	1.59	0.03	L	8.7802	0.0013	0.014	112		8.76	8.81		D			1							
40035	6.112	0.005	5.585	0.004		0.488	0.004	G	0.56	0.02	A	5.6364	0.0008	0.006	95		5.63	5.65			08106−1348	I 1	1							S
40036	8.201	0.010	7.046	0.008		0.992	0.010	T	0.97	0.01	L	7.1036	0.0013	0.010	69		7.09	7.12		C			1							S
40037	9.230	0.013	8.804	0.013		0.402	0.017	T	0.47	0.02	L	8.8288	0.0019	0.014	99		8.80	8.85		C			1							
40038	11.924	0.143	10.739	0.080		1.046	0.006	G	1.02	0.01	I	10.8212	0.0049	0.035	107		10.75	10.88					1							G
40039	9.815	0.021	9.081	0.018		0.693	0.003	G	0.75	0.00	H	9.1398	0.0016	0.015	88		9.10	9.17					1 G							
40040	9.573	0.019	8.177	0.011		1.180	0.017	T	1.14	0.01	L	8.2158	0.0015	0.015	138		8.19	8.24		C			1							
40041	8.118	0.008	7.464	0.008		0.607	0.010	T	0.68	0.01	L	7.5409	0.0014	0.011	81		7.53	7.56		C			1							S
40042	9.923	0.030	8.531	0.017		1.177	0.027	T	1.14	0.02	L	8.5648	0.0018	0.012	62		8.53	8.59		C			1							
40043	8.960	0.014	8.346	0.012		0.569	0.014	T	0.64	0.01	L	8.3992	0.0011	0.013	113		8.38	8.41					1							
40044	8.254	0.009	8.112	0.012	*	0.080	0.015	G	0.09	0.02	H *	8.2070	0.0017	0.018	161	*	8.18	8.24		D	08108−3236	I 1	2 C A	AB	156	8.003	0.003	0.40	0.01	
40045	7.792	0.006	7.732	0.009		0.054	0.010	T	0.07	0.01	L	7.7553	0.0011	0.012	142		7.74	7.78					1							S
40046	9.029	0.011	8.436	0.010		0.554	0.015	G	0.63	0.01	H	8.4952	0.0014	0.016	159		8.47	8.52		C			1 G							S
40047	9.129	0.013	9.473	0.021		−0.295	0.020	T	−0.32	0.02	L	9.4412	0.0029	0.027	132		9.39	9.49					1							
40048	9.389	0.019	9.020	0.020	*	0.342	0.015	G	0.40	0.02	H *	9.1011	0.0018	0.012	73	*	9.07	9.14		D	08108+3443	H 1	2 C A	AB	185	0.297	0.011	1.76	0.13	
40049	8.942	0.011	7.349	0.006		1.340	0.015	G	1.31	0.06	F	7.3568	0.0009	0.011	160		7.34	7.38		C			1							S
40050	9.557	0.025	9.265	0.029	*	0.278	0.036	T	0.32	0.04	L *	9.2773	0.0030	0.019	86	*	9.24	9.32		R	08109+3555	I 1	2 C A	AB	57	8.305	0.016	1.92	0.05	
40051	9.909	0.034	8.896	0.024		0.887	0.025	G	0.93	0.02	H	8.9240	0.0018	0.018	139		8.89	8.95		C			1							
40052	10.872	0.054	10.433	0.055		0.414	0.071	T	0.48	0.08	L	10.5294	0.0032	0.024	94		10.49	10.57		C			1							G
40053	8.255	0.008	7.980	0.011	*	0.259	0.014	T	0.29	0.02	L *	8.0107	0.0017	0.015	134	*	7.98	8.03		U	08109−5111	H 1	2 C B	AB	148	0.244	0.042	2.99	0.34	S
40054	10.513	0.054	9.359	0.033		0.991	0.049	T	0.97	0.04	L	9.3890	0.0019	0.016	49		9.37	9.43		D			1							
40055	8.520	0.009	8.053	0.008		0.440	0.011	T	0.51	0.01	L	8.1050	0.0016	0.016	151		8.08	8.13			08109+7739	I 1	1							S
40056	7.260	0.005	7.359	0.006		−0.085	0.007	T	−0.07	0.01	L	7.3468	0.0012	0.011	148		7.33	7.37			08110−3905	I 1	1							S
40057	8.106	0.014	6.837	0.008		1.081	0.013	T	1.04	0.01	L	6.8764	0.0009	0.008	76		6.87	6.89		C			1							S
40058	6.228	0.004	6.218	0.005		0.010	0.006	T	0.03	0.01	L	6.2262	0.0008	0.006	67		6.22	6.24		C			1							S
40059	7.737	0.008	7.869	0.012		−0.100	0.015	G	−0.08	0.02	H	7.8595	0.0010	0.013	116		7.84	7.88		C			1							S
40060	11.195	0.054	9.808	0.025		1.189	0.049	T	4.26	0.09	O	9.0001	0.0249	0.270	132		8.45	9.13	251.60	P 1 B			1 V							P
40061	8.975	0.019	8.908	0.023	*	0.062	0.015	G	0.07	0.02	H *	8.8962	0.0016	0.011	47	*	8.88	8.91		D	08110−0019	H 1	2 C A	AB	174	0.522	0.022	3.11	0.11	
40062	8.828	0.013	8.208	0.011		0.602	0.015	G	0.67	0.01	H	8.2806	0.0017	0.011	91		8.26	8.30		C			1							S
40063	6.394	0.003	6.448	0.004		−0.045	0.005	T	0.05	0.03	C	6.4387	0.0008	0.008	150		6.43	6.45		C	08110−3718	I 1	1							S
40064	9.745	0.027	8.505	0.017		1.058	0.025	T	1.02	0.02	L	8.5439	0.0016	0.013	75		8.52	8.57		C			1							
40065	8.345	0.014	8.097	0.015		0.213	0.015	G	0.24	0.02	H	8.1257	0.0022	0.015	58		8.10	8.15					1							S
40066	7.375	0.009	7.500	0.010		−0.122	0.008	G	−0.11	0.01	H	7.4871	0.0034	0.026	111		7.46	7.53	5.74	P 1 A			1							S
40067	10.183	0.029	8.232	0.011		1.618	0.025	T	1.64	0.03	L	8.1667	0.0016	0.018	135		8.14	8.20					1							
40068	10.655	0.037	10.051	0.033		0.564	0.040	G	0.64	0.04	H	10.1137	0.0026	0.032	161		10.05	10.17		C	08111+7954	I 1	1							
40069	10.224	0.026	9.168	0.017	*	0.916	0.023	T	0.91	0.02	L *	9.2027	0.0023	0.016	112	*	9.18	9.23		D	08111−5455	H 1	2 C A	AB	228	0.301	0.010	1.59	0.16	
40070	8.684	0.012	6.850	0.006		1.526	0.011	T	1.57	0.02	L	6.8080	0.0008	0.009	134		6.79	6.83					1							S
40071	7.438	0.006	6.850	0.005		0.549	0.007	T	0.62	0.01	L	6.9074	0.0009	0.009	129		6.89	6.92		C			1							S
40072	9.872	0.026	8.912	0.019		0.862	0.002	G	0.90	0.00	H	8.9703	0.0017	0.019	101		8.94	9.00					1							
40073	7.649	0.008	7.613	0.009		0.046	0.003	G	0.06	0.00	H	7.6219	0.0013	0.013	119		7.60	7.64					1							S
40074	10.995	0.051	9.075	0.017		1.628	0.044	T	1.79	0.12	O	8.9907	0.0027	0.030	149		8.93	9.04		U 2			1							
40075											T	11.5337	0.0065	0.047	91		11.47	11.63					1							G
40076	9.596	0.019	8.376	0.012		1.043	0.018	T	1.01	0.01	L	8.4233	0.0015	0.014	103		8.40	8.45		C			1							
40077	5.627	0.003	5.790	0.004		−0.146	0.005	G	−0.15	0.02	A	5.7728	0.0006	0.006	115		5.77	5.78					1							S
40078	11.805	0.114	10.822	0.077	*	0.862	0.103	T	0.87	0.08	L *	10.9056	0.0326	0.233	158	*	10.58	11.17	3.48	P 1 A	08112−3331	H 1	2 C C	AB	135	0.293	0.054	1.82	0.44	G
40079	9.389	0.021	8.881	0.020	*	0.477	0.026	T	0.55	0.03	L *	9.0195	0.0019	0.018	108	*	8.99	9.06		D	08112−6430	I 1	2 C A	AB	208	7.349	0.006	0.49	0.02	S
40080	7.970	0.007	7.833	0.009		0.132	0.011	T	0.15	0.01	L	7.8656	0.0014	0.011	89		7.85	7.88		C			1							S
40081	10.183	0.033	8.258	0.013		1.598	0.028	T	1.62	0.03	L	8.2081	0.0022	0.018	112		8.17	8.24		U			1							
40082	8.710	0.014	8.186	0.013		0.516	0.015	G	0.59	0.02	H	8.2237	0.0014	0.011	69		8.21	8.25		D	08112−0712	I 1	1 S							S
40083	10.048	0.027	8.615	0.014		1.212	0.003	G	1.17	0.00	H	8.6516	0.0013	0.016	140		8.63	8.68					1							
40084	5.922	0.003	4.825	0.002		0.939	0.004	G	0.93	0.02	A	4.8789	0.0006	0.006	126		4.87	4.89			08112−1256	I 1	1							S
40085	5.934	0.004	6.069	0.005		−0.104	0.007	G	−0.09	0.01	H	6.0451	0.0008	0.005	64		6.04	6.06		C			1							S
40086	7.688	0.008	6.600	0.005		0.940	0.007	T	0.93	0.01	L	6.6447	0.0012	0.007	88		6.63	6.66		C			1							S
40087	9.006	0.014	8.589	0.014		0.404	0.015	G	0.47	0.02	H	8.6634	0.0014	0.013	90		8.64	8.69					1							
40088	8.159	0.010	7.041	0.006		0.970	0.015	G	0.95	0.01	H	7.1042	0.0011	0.011	116		7.08	7.12		C			1							S
40089						1.380	0.020	G	1.63	0.04	I *	11.3758	0.0046	0.045	91	*	11.30	11.46			08113+4735	H 1	2 C D	AB	23	1.416	0.077	2.30	0.31	G D
40090	8.523	0.009	8.184	0.009	*	0.306	0.011	G	0.35	0.01	H *	8.1641	0.0013	0.014	131	*	8.14	8.19		D	08113+7422	I 1	2 C A	AB	33	0.865	0.004	0.87	0.01	S
40091	6.529	0.005	4.608	0.003		1.590	0.079	G	1.62	0.02	A	4.5587	0.0011	0.012	135		4.54	4.58		U 2 C			1							S
40092	8.645	0.009	7.371	0.006		1.085	0.008	T	1.05	0.01	L	7.4295	0.0012	0.011	163		7.41	7.45					1							S
40093	7.318	0.006	6.670	0.004		0.593	0.003	G	0.66	0.00	H	6.7332	0.0008	0.008	109		6.72	6.74		C			1							S
40094	9.708	0.022	9.247	0.022		0.410	0.015	G	0.48	0.02	H	9.3345	0.0016	0.019	119		9.30	9.37					1							
40095	12.377	0.179	10.595	0.054		1.484	0.148	T	1.50	0.22	L	10.6963	0.0030	0.031	129		10.64	10.75		C			1							G
40096	4.955	0.002	4.776	0.002		0.164	0.002	G	0.30	0.02	A	4.8043	0.0007	0.008	138		4.79	4.82		M	08114−4259	I 1	1							S
40097	9.037	0.018	8.309	0.015		0.668	0.019	T	0.73	0.02	L	8.3796	0.0012	0.010	66		8.36	8.39					1							S
40098	9.182	0.017	8.616	0.016		0.529	0.021	T	0.60	0.02	L	8.6889	0.0015	0.017	85		8.66	8.72					1							
40099	9.877	0.026	8.701	0.016		1.008	0.024	T	0.98	0.02	L	8.7870	0.0014	0.011	71		8.77	8.81					1							
40100	8.879	0.013	7.758	0.009		0.965	0.012	T	0.95	0.01	L	7.8460	0.0015	0.011	97		7.83	7.87					1							

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
40101	H	08 11 30.46	+38 07 26.1	9.28		H	122.876 903 24	+38.123 905 79	A	1.34	−11.71	−17.77	2.38	1.46	2.35	2.72	1.88	−26	−9	+17	+10	+0	+26	+1	+4	−23	−34	2	0.73
40102		08 11 30.72	+23 28 56.2	8.60		H	122.878 009 77	+23.482 289 04		2.98	−7.09	−7.65	0.91	0.74	1.11	1.12	0.99	−25	+13	−33	−12	+19	−23	+9	−6	−24	−20	0	1.22
40103		08 11 31.05	+31 18 16.5	8.03		H	122.879 392 09	+31.304 595 42		0.33	−6.82	−10.84	0.99	0.73	1.14	1.08	0.72	−44	+31	−31	−12	+4	−13	−2	−19	−4	−47	2	1.83
*40104	H	08 11 32.47	−89 00 15.7	8.25		G	122.885 277 73	−89.004 365 94	*	5.42	5.60	−20.53	2.70	1.53	0.96	1.08	1.08	+3	+21	−4	−27	−9	−23	−3	−9	+13	−25	2	−0.64
*40105		08 11 31.99	−70 30 41.3	8.87		H	122.883 280 16	−70.511 467 29		2.88	−4.09	8.98	0.77	0.62	0.73	0.91	0.67	+0	+28	+5	−27	−7	−9	+1	−6	+4	−27	0	−0.15
*40106		08 11 32.24	+07 12 51.3	9.08		H	122.884 343 11	+07.214 244 98		−1.04	−20.28	3.09	1.57	0.84	1.80	1.66	1.45	−40	+45	−40	−38	+16	−24	−8	+27	−39	−20	0	0.00
40107		08 11 33.03	−07 46 20.9	5.36		G	122.887 623 97	−07.772 476 23		10.32	−42.98	−25.84	0.70	0.54	0.87	0.93	0.70	−13	+32	−20	−2	+2	−33	−9	+31	−4	+10	3	0.89
40108		08 11 33.17	−74 59 57.0	8.31		G	122.888 200 46	−74.999 154 80		5.84	13.18	−22.23	0.59	0.59	0.63	0.63	0.70	−5	+11	+2	+12	−12	+10	−15	+22	−20	−10	0	−1.02
40109		08 11 33.65	−46 13 58.5	8.03		G	122.890 197 26	−46.232 924 79		3.75	−8.27	9.48	0.63	0.58	0.74	0.73	0.62	+0	−15	+9	−18	−5	−3	−7	−17	+23	−4	0	0.55
40110		08 11 33.70	−06 00 57.4	7.89		G	122.890 395 86	−06.015 937 89		17.97	−79.86	62.80	0.82	0.70	1.04	1.17	1.06	−28	+10	−13	+5	−1	−35	−3	+25	+11	−35	0	0.13
40111		08 11 34.07	−67 21 18.4	8.43		H	122.891 963 06	−67.355 107 55		1.25	−8.76	8.48	0.70	0.68	0.77	0.93	0.75	−5	+1	−4	+19	−9	−35	−14	−23	+26	−26	0	1.71
40112		08 11 34.91	−56 21 35.3	8.94		H	122.895 453 53	−56.359 807 80		6.98	25.54	26.47	0.68	0.64	0.73	0.74	0.68	+0	−4	+5	+9	−3	+9	−4	−5	+5	+0	0	1.55
40113		08 11 35.20	+16 59 52.6	8.56		H	122.896 662 37	+16.997 955 82		7.15	36.10	−14.03	1.17	0.77	1.24	1.29	0.89	+2	+23	−31	−36	−12	−32	−26	+11	−10	+7	0	1.55
40114		08 11 36.01	+09 40 39.8	8.72		H	122.900 023 71	+09.677 718 51		2.79	−5.53	−1.63	1.28	0.96	1.43	1.54	1.20	−3	−8	−19	−9	−25	−38	−36	+37	+13	−14	3	1.93
40115		08 11 36.75	+16 13 03.6	7.30		G	122.903 113 18	+16.217 670 41		2.24	−2.34	8.56	0.94	0.67	1.05	1.12	0.81	−5	+26	−33	−12	−7	−25	−20	+25	−16	+7	0	0.16
40116		08 11 36.86	−59 14 57.7	7.66		H	122.903 600 79	−59.249 350 07		5.07	4.83	68.71	0.56	0.50	0.57	0.68	0.57	−5	−1	+5	+17	+4	−7	+3	+2	+4	−15	0	−2.32
40117		08 11 38.10	+06 10 08.8	7.74		H	122.908 769 72	+06.169 108 03		1.25	−9.63	−19.34	1.04	0.55	1.12	1.21	0.84	−17	+28	−27	−40	+20	−19	+8	−3	−34	−7	0	1.25
40118		08 11 38.96	+32 27 31.3	6.78		H	122.912 343 72	+32.458 696 55		46.05	−460.69	−644.64	0.79	0.55	0.92	1.17	0.61	−27	+16	−26	+16	+15	−25	+11	−22	+4	−16	0	1.22
40119		08 11 39.96	+45 25 32.3	8.42		H	122.916 490 60	+45.425 638 24		3.21	−22.38	−6.18	1.10	0.67	1.19	1.47	1.15	−13	+34	−8	+17	−16	+4	−17	+19	+0	−17	0	1.09
40120		08 11 40.98	+24 12 27.6	10.21		H	122.920 753 44	+24.207 677 51		4.98	−5.14	−3.84	1.34	1.00	1.49	1.63	1.43	−18	+22	−14	−7	−3	−24	−6	+11	−4	−24	0	−0.62
40121		08 11 43.33	+60 19 49.3	7.91		H	122.930 536 56	+60.330 354 36		5.29	−3.33	−21.93	0.64	0.59	0.97	0.60	0.64	−2	+28	−18	+48	+32	+5	+46	−17	+14	+21	0	−0.65
40122		08 11 44.12	−44 02 02.2	9.16		H	122.933 837 89	−44.033 945 86		13.59	−43.58	69.77	0.83	0.77	0.99	0.96	0.83	+10	+9	+9	+12	+8	+12	+7	+1	+14	+3	0	−0.94
40123		08 11 44.72	+11 11 00.4	7.85		H	122.936 343 53	+11.183 457 02		9.02	−15.00	−9.04	1.04	0.81	1.26	1.44	1.03	−8	+14	−34	−2	+1	−41	−20	+38	−18	+10	0	−0.44
40124		08 11 45.57	+03 36 31.0	10.32		H	122.939 883 74	+03.608 607 35		2.06	−1.49	0.05	1.78	1.05	2.01	2.29	1.38	−17	+30	−17	−11	−12	−8	−17	+16	−6	−4	0	−0.96
40125		08 11 46.22	+45 19 24.8	8.56		H	122.942 587 65	+45.323 561 39		1.43	6.43	5.65	1.16	0.70	1.27	1.58	1.18	+1	+28	−6	+22	+1	−2	+2	+17	+3	+5	0	−0.07
40126		08 11 47.19	−44 14 25.2	8.66		H	122.946 628 51	−44.240 344 83		1.52	−8.37	6.71	0.64	0.61	0.78	0.74	0.65	+8	+16	+13	+14	+6	+5	+6	−6	+17	−1	0	−1.70
*40127		08 11 47.90	+66 01 01.7	8.55		H	122.949 574 32	+66.017 129 66		9.26	−46.33	−33.10	0.80	0.77	1.09	0.87	0.93	+15	+11	−3	+44	+8	+0	+12	+25	+8	+30	1	0.66
*40128		08 11 47.90	+40 32 00.7	8.93		H	122.949 569 11	+40.533 529 94		12.95	42.26	1.93	1.18	0.61	1.30	1.31	1.02	+15	+47	+15	+7	−8	−1	−7	+22	+5	+3	0	−0.06
40129		08 11 48.17	−12 40 43.7	9.10		H	122.950 720 37	−12.678 810 93		3.68	−1.45	4.22	0.90	0.81	1.22	0.93	0.97	−30	+17	−31	−31	−13	−13	−15	+7	+7	−41	3	0.83
40130	H	08 11 48.78	+16 05 52.3	8.39		H	122.953 256 38	+16.097 868 53	A	1.33	−9.11	−6.44	1.71	1.19	1.73	2.01	1.40	−7	+20	−44	−17	+2	−23	−17	+18	−26	+20	1	0.24
40131		08 11 48.83	+51 19 20.5	10.89		G	122.953 466 67	+51.322 372 52		26.20	145.32	−15.99	2.13	1.26	2.33	2.77	1.64	−3	+33	−5	+11	−3	+0	−10	−14	−21	−2	0	2.43
40132		08 11 49.17	+00 36 32.5	8.20	1	H	122.954 889 20	+00.609 039 93		3.97	−2.38	−3.67	1.41	0.70	1.30	1.48	0.94	−36	+46	−24	+16	−29	−22	−44	+30	−15	−15	0	1.85
40133		08 11 49.21	+16 31 28.2	7.34		H	122.955 057 19	+16.524 490 02		29.45	−40.71	−258.52	0.94	0.67	1.02	1.04	0.77	−4	+25	−33	−31	−16	−34	−31	+18	−10	−2	0	1.41
40134		08 11 49.49	+13 26 44.9	7.28		H	122.956 224 15	+13.445 811 34		16.36	−126.62	−85.61	0.93	0.61	0.93	1.24	0.83	+10	+33	−20	−10	−8	−9	−12	+8	−5	+28	0	−0.02
40135		08 11 49.54	+51 46 08.5	8.05	2	H	122.956 428 89	+51.769 021 65		0.82	9.25	−1.76	0.99	0.63	1.08	1.37	0.85	+12	+18	+9	+3	−7	+3	−9	−14	−10	+12	0	2.26
40136		08 11 49.59	+04 16 27.9	7.75		H	122.956 645 17	+04.274 415 82		13.47	−10.14	50.27	1.20	0.53	1.17	1.51	0.78	−8	+41	−17	−32	−7	−4	−18	+10	−2	+23	2	0.62
40137		08 11 49.79	−48 24 29.4	7.92		H	122.957 458 44	−48.408 162 97		3.24	−14.47	21.07	0.67	0.73	0.85	0.81	0.64	+6	+18	+35	−2	−6	+0	−4	−31	+10	−3	5	0.83
*40138		08 11 50.35	−30 19 21.8	8.69		H	122.959 801 56	−30.322 720 29		14.07	−174.32	45.43	0.64	0.76	1.08	0.76	0.77	−2	+10	+0	+17	+9	+10	+7	−18	+2	−8	0	−1.05
*40139		08 11 50.24	−27 31 24.8	7.92	2	H	122.959 319 22	−27.523 552 32		0.89	−4.36	5.54	0.39	0.55	0.80	0.43	0.58	+8	−9	+1	−11	+8	+7	+7	−13	+2	−3	2	1.34
40140		08 11 51.20	+31 52 24.9	11.32		G	122.963 348 58	+31.873 585 79		19.55	16.35	28.27	2.22	1.73	2.64	2.80	1.94	−41	+21	−25	−16	+16	−27	+11	−28	+8	−44	0	0.02
40141		08 11 51.31	+08 40 16.0	9.11		H	122.963 772 15	+08.671 105 53		5.49	−40.49	−38.15	1.21	0.74	1.31	1.64	1.12	−17	+32	−19	−17	−4	−20	−19	+36	+1	+14	0	0.73
40142		08 11 51.36	−37 34 26.7	8.53		H	122.963 991 11	−37.574 090 16		1.31	−2.36	4.34	0.54	0.61	0.78	0.57	0.67	+5	+10	+5	−3	−4	+2	−3	−2	+11	−5	1	−0.25
40143		08 11 51.94	−38 58 04.7	8.45		G	122.966 403 56	−38.967 984 37		2.08	−10.91	8.44	0.57	0.61	0.73	0.62	0.64	−3	+10	+8	+18	+0	−1	−3	−16	−2	−14	1	−0.71
40144		08 11 53.36	−35 46 22.9	6.64	2	H	122.972 318 13	−35.773 028 78		3.44	0.40	−0.32	0.44	0.46	0.60	0.49	0.51	+8	−6	+7	+1	+7	+3	+4	−6	+14	−7	0	−0.62
40145		08 11 53.95	−08 06 48.8	9.09		H	122.974 806 68	−08.113 563 75		3.43	0.83	−1.26	1.00	1.03	1.32	1.12	1.20	−42	+32	−34	+0	−15	−26	−30	+47	−8	−28	7	1.12
40146		08 11 54.09	−11 28 21.3	8.46		H	122.975 374 89	−11.472 581 29		2.86	−12.52	4.10	0.77	0.70	1.03	1.09	0.97	−11	+7	−25	+25	+6	−31	−5	+47	−9	+6	0	0.44
40147		08 11 54.78	−41 47 19.1	6.70		H	122.978 269 36	−41.788 630 59		2.93	15.27	−2.24	0.45	0.48	0.57	0.49	0.51	−7	+9	+10	−12	+5	−8	+4	−27	+4	−19	0	0.03
40148		08 11 54.82	−30 12 42.8	7.78	2	H	122.978 420 32	−30.211 902 02		0.51	−5.78	2.06	0.44	0.56	0.76	0.52	0.58	+2	+1	−4	+18	+6	+13	+2	−16	+0	−7	0	0.64
40149		08 11 55.00	+45 12 33.5	7.68		H	122.979 183 93	+45.209 316 91		6.15	29.84	3.80	0.89	0.52	0.98	1.25	0.90	−2	+32	−9	+10	−6	+5	−5	+13	+3	+3	0	1.73
40150		08 11 55.96	+81 03 07.4	8.39		H	122.983 164 93	+81.052 053 36		1.23	−9.37	−0.54	0.69	0.61	0.89	0.69	0.68	−4	+44	−13	+1	−8	+4	−4	−24	−2	+17	0	0.01
40151		08 11 56.93	+13 23 20.9	8.75		G	122.987 195 61	+13.389 133 98		3.74	−2.86	−6.80	1.23	0.83	1.23	1.60	1.12	+8	+23	−23	−25	−20	−15	−25	+6	−2	+17	0	0.86
40152		08 11 57.35	−51 57 45.5	7.99		G	122.988 955 82	−51.962 627 20		3.88	−10.15	3.26	0.54	0.52	0.60	0.58	0.48	+14	+15	+17	−2	−8	−9	−5	−10	+8	+1	1	−0.77
40153		08 11 59.44	−53 47 18.0	8.93		H	122.997 658 65	−53.788 337 00		1.52	2.46	−6.61	0.72	0.72	0.81	1.01	0.78	+3	+5	−4	−3	+3	−14	+3	−27	+20	+2	0	1.18
40154		08 11 59.84	−40 29 03.4	8.57		H	122.999 335 30	−40.484 268 58		2.57	−9.78	10.57	0.68	0.74	0.91	0.75	0.72	+1	−2	+21	−16	+5	+22	−1	−33	+0	−10	0	−0.46
40155		08 11 59.97	−46 38 39.7	5.77	2	H	122.999 880 27	−46.644 369 89		2.23	−3.65	7.61	0.48	0.43	0.55	0.54	0.45	+9	−9	+7	−18	−10	+10	−12	−20	+26	+6	0	−0.03
40156		08 12 02.51	−21 59 33.9	8.66		H	123.010 477 24	−21.992 751 25		−0.46	−4.62	5.46	0.92	0.82	1.24	1.05	0.95	−1	+38	−5	−2	−20	+5	−17	−9	+4	−22	0	0.00
40157		08 12 04.33	+25 10 49.3	8.76		G	123.018 053 87	+25.180 350 94		5.47	−10.23	−25.83	0.95	0.56	1.08	1.06	0.66	−38	+42	−17	−13	−2	−16	−1	−18	+10	−50	0	0.30
40158		08 12 05.05	+46 56 30.1	7.85		H	123.021 022 21	+46.941 688 06		5.37	−13.03	−36.55	1.03	0.53	0.95	1.54	0.89	+36	+22	−10	−21	−22	+14	−22	−11	+7	+51	0	1.13
40159		08 12 05.66	+33 37 15.5	10.61		H	123.023 563 87	+33.620 967 70		6.32	−15.26	−41.50	1.69	1.18	1.83	2.06	1.48	−29	−1	−19	−37	+0	+5	+2	−17	+3	−40	0	0.01
40160		08 12 06.06	−43 24 01.6	6.48	1	H	123.025 257 61	−43.400 450 38		0.48	−5.02	4.40	0.45	0.44	0.54	0.50	0.47	+8	+5	+8	+13	+3	+16	+1	+4	+0	+1	0	−0.48
40161		08 12 06.84	+59 53 51.1	9.66		H	123.028 509 13	+59.897 541 42		3.79	4.73	1.72	0.83	0.91	1.34	0.77	0.89	−16	+25	−11	+21	+30	−5	+47	−37	+21	+13	0	−0.67
40162		08 12 07.88	−35 43 58.4	7.84		H	123.032 838 73	−35.732 877 56		8.39	−42.93	17.15	0.51	0.57	0.72	0.56	0.60	+5	−2	+11	+4	+2	+2	+0	−5	+9	−12	0	−2.66
40163		08 12 09.19	−20 41 20.1	9.69		G	123.038 305 39	−20.688 910 47		1.99	−3.32	1.30	0.90	0.93	1.30	1.27	1.26	−11	+4	−23	−13	+8	−17	+5	−6	−5	−22	0	0.46
40164		08 12 11.16	−28 34 36.9	8.64		H	123.046 490 26	−28.576 905 34		3.79	5.86	−20.92	0.44	0.70	1.04	0.51	0.74	+19	+15	+6	+12	−9	+12	−11	−15	−2	+10	0	−1.11
40165		08 12 11.62	+48 57 33.4	6.88		H	123.048 425 99	+48.959 280 91		3.08	−27.69	4.51	0.83	0.48	0.83	1.24	0.65	+18	+19	−17	−8	−15	+10	−12	−16	+4	+24	0	−0.75
40166		08 12 12.60	−08 32 09.1	8.30		H	123.052 491 32	−08.535 855 97		5.13	−7.71	−21.08	0.76	0.70	1.02	0.89	0.83	−16	+13	−30	−8	−4	−40	−21	+34	−11	−9	0	0.69
40167	H	08 12 12.71	+17 38 53.3	4.67		H	123.052 953 53	+17.648 137 56	A	39.11	28.29	−150.94	1.85	1.01	1.38	2.00	1.15	+26	−7	−10	−42	−19	−17	−22	−23	+12	+38	2	0.31
40168		08 12 13.06	−49 49 44.6	8.60		H	123.054 425 05	−49.829 051 25		2.27	−9.31	−0.05	0.79	0.73	0.87	0.93	0.85	+5	+12	+3	−12	−9	+9	−9	−12	+1	−6	1	−0.54
40169		08 12 13.57	+02 17 21.3	7.94		G	123.056 557 49	+02.289 254 96		15.09	−49.92	−13.05	1.16	0.69	1.35	1.56	1.01	−36	+40	−20	−2	−16	−35	−23	+43	+16	−19	0	1.86
40170		08 12 14.55	+51 54 27.3	10.20		G	123.060 616 17	+51.907 589 49		40.94	−121.72	−207.35	1.60	1.03	1.87	2.37	1.41	+2	+13	−6	+8	−5	+7	−6	−24	−14	+1	0	−0.50
40171	H	08 12 15.41	−37 31 45.2	9.01		H	123.064 204 44	−37.529 220 24	A	2.53	−2.89	4.72	2.37	2.01	1.87	1.49	1.72	+20	+9	+12	−7	−2	−9	+0	+5	−3	−4	3	0.11
40172		08 12 15.70	−60 02 21.6	8.03		H	123.065 400 52	−60.039 333 58		0.47	−10.72	5.15	0.66	0.60	0.67	0.76	0.68	−13	+2	+7	+2	+4	−6	+3	−12	+9	−26	0	0.55
40173		08 12 15.95	−71 15 57.4	7.89		H	123.066 463 43	−71.265 936 50		12.36	57.24	−81.57	0.63	0.56	0.64	0.71	0.58	+5	+26	+13	−12	−15	+6	−9	−1	+10	−20	0	−1.53
40174		08 12 16.08	−40 30 11.1	8.19		G	123.067 009 47	−40.503 091 10		23.78	−146.62	127.30	0.57	0.59	0.76	0.64	0.62	+0	−2	+19	−10	+5	+19	+0	−19	−3	−14	1	0.26
40175		08 12 16.89	+39 41 59.3	10.96		H	123.070 390 35	+39.699 793 65		4.41	−6.38	−15.93	2.13	1.10	2.18	2.74	1.77	+18	+13	−3	−24	−20	+4	−19	+9	−9	+3	0	1.65
40176		08 12 17.56	−24 10 29.5	8.96		H	123.073 157 81	−24.174 859 64		1.00	−1.35	−1.83	0.69	0.92	1.34	0.86	1.14	−30	+11	+4	+25	+3	−16	−2	+0	+13	−54	1	1.41
40177		08 12 22.19	+14 00 14.9	6.53		H	123.092 452 80	+14.004 131 14		5.97	−16.42	−5.60	0.83	0.59	0.91	0.94	0.72	−3	+29	−20	−21	−10	−35	−21	+14	−13	−4	0	1.22
40178		08 12 22.41	−36 56 37.6	8.16	3	H	123.093 359 62	−36.943 769 06		1.20	−4.47	4.30	0.53	0.56	0.74	0.60	0.62	+5	+7	+8	−2	+5	−7	+6	−4	+7	−3	0	0.73
40179		08 12 22.64	−73 10 55.8	8.68		H	123.094 333 78	−73.182 155 18		5.02	−14.55	17.44	0.63	0.65	0.69	0.65	0.72	+0	+18	−7	−29	−6	−7	−3	−16	+12	−12	0	−1.02
40180		08 12 24.35	−10 49 58.5	8.21		H	123.101 438 71	−10.832 930 35		2.26	20.52	−29.36	0.91	0.75	1.17	1.16	1.01	−16	+22	−38	+18	+22	−22	+11	+36	−22	+4	2	1.10
40181		08 12 27.37	−36 59 21.3	6.54		H	123.114 050 48	−36.989 245 73		1.50	−4.71	5.90	0.41	0.44	0.58	0.45	0.48	+11	+12	+8	+2	+1	−1	+1	−3	+12	−2	0	−0.38
40182	H	08 12 28.22	−61 11 16.1	9.58		H	123.117 576 64	−61.187 798 60	*	3.20	−6.06	9.92	0.96	0.84	0.96	1.10	0.98	−4	−7	+1	+23	+7	+11	+1	−12	+8	−20	0	−0.17
40183	H	08 12 30.80	−46 15 51.5	6.00		G	123.128 319 36	−46.264 308 21	A	4.62	−5.50	9.34	0.78	0.72	0.77	0.78	0.65	+0	+3	+2	+7	−5	−15	−5	−22	+22	−15	5	1.30
40184		08 12 31.47	+17 37 31.9	8.76		H	123.131 143 74	+17.625 515 25		3.49	3.94	−0.56	1.39	0.90	1.40	1.69	1.04	+11	+20	−36	−37	−14	−20	−28	+6	−11	+30	0	0.01
40185		08 12 31.57	+56 00 50.2	8.79		H	123.131 536 54	+56.013 951 93		10.77	−1.76	13.95	0.86	0.72	1.23	1.31	1.17	−25	+13	−6	−32	−25	+16	−31	−8	+8	−3	0	−0.47
40186		08 12 31.81	+02 50 05.1	12.37	3	H	123.132 551 84	+02.834 741 58		−1.50	1.65	−6.65	3.85	2.60	4.50	5.91	3.75	−37	+23	−25	−2	−18	−24	−34	+43	−7	−7	0	1.21
40187		08 12 31.89	+18 31 01.0	8.98		H	123.132 874 24	+18.516 945 95		4.49	−35.45	−36.90	1.22	0.81	1.37	1.50	1.00	−15	+40	−38	−3	+9	−18	−2	+18	−8	+16	0	2.02
40188		08 12 32.73	−54 08 47.5	6.97		H	123.136 390 23	−54.146 529 08		12.71	−17.37	31.57	0.49	0.44	0.52	0.63	0.42	+5	+9	+1	+5	+4	+8	+5	−24	+18	+13	0	2.18
40189		08 12 33.19	−45 03 33.5	7.97		G	123.138 280 46	−45.059 306 42		3.88	−44.14	64.49	0.62	0.61	0.75	0.83	0.62	+4	+12	+13	+3	+0	−15	+2	−19	+17	−9	0	−0.23
40190		08 12 33.62	+50 00 33.0	7.73		H	123.140 087 40	+50.009 172 55		12.70	83.00	−23.84	0.93	0.54	0.92	1.15	0.68	+18	+33	−2	+27	+8	−8	+2	+3	−8	+9	2	−0.39
40191		08 12 34.95	−36 40 02.2	7.72		H	123.145 625 92	−36.667 288 13		1.18	−6.92	17.24	0.59	0.60	0.81	0.66	0.64	+4	+8	+5	−3	+2	+0	+3	−1	+16	−3	0	−1.08
40192	H	08 12 36.13	+28 49 12.6	8.01		G	123.150 554 80	+28.820 175 74	*	2.37	−5.98	−4.24	0.99	0.67	1.09	1.08	0.77	−40	+25	−10	−7	−7	−8	−7	+0	+1	−45	2	0.77
40193		08 12 36.80	+34 26 44.7	8.49		H	123.153 348 96	+34.445 737 46		1.06	−5.36	−3.83	1.08	0.60	1.24	1.32	0.81	−5	+23	−27	−23	−16	−3	−15	+0	+3	−11	2	0.60
40194		08 12 36.87	+14 35 17.4	8.66		H	123.153 629 93	+14.588 177 66		9.11	−0.38	−4.16	1.05	0.73	1.17	1.14	0.89	−9	+37	−28	−27	−12	−27	−29	+19	−28	+1	0	0.50
40195		08 12 37.29	+46 00 35.7	8.45		H	123.155 387 20	+46.009 928 37		7.26	−1.69	−31.64	1.01	0.60	1.05	1.42	1.00	+12	+32	−7	+21	+18	−11	+18	+10	−4	+23	0	1.49
40196		08 12 37.68	−36 40 27.9	9.37		G	123.156 992 54	−36.674 421 58		−0.43	−2.27	2.25	0.98	0.99	1.33	1.07	1.07	+3	+8	+7	+2	−2	+1	−1	+0	+12	−8	0	0.38
40197		08 12 38.50	+11 11 28.0	7.65		H	123.160 408 10	+11.191 122 78		0.36	−1.56	−4.10	1.02	0.76	1.24	1.43	0.98	−1	+8	−38	−10	+3	−35	−16	+32	−23	+17	0	0.50
40198		08 12 39.43	+07 18 21.6	9.17		H	123.164 292 20	+07.305 991 39		2.85	2.19	−9.67	1.54	0.74	1.66	1.67	1.06	−23	+35	−29	−42	+12	−37	−3	+11	−15	−11	4	−0.82
40199		08 12 39.44	−44 23 31.6	8.81		H	123.164 328 14	−44.392 116 44		0.60	−11.60	12.45	0.75	0.72	0.92	0.89	0.76	+8	+15	+15	+9	+7	−1	+8	−4	+19	+0	0	−0.67
40200	H	08 12 39.51	+26 13 27.2	8.29		H	123.164 604 41	+26.224 214 22	*	7.52	5.84	−11.55	24.18	15.72	3.35	3.13	1.78	−98	−1	+2	−4	+1	−12	+1	−5	+10	−71	1	−0.37

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55 56-7	58-61	62	63	64	65	66	67	68-70
40101	10.071	0.023	9.583	0.022	A	0.500	0.495	G	0.46	0.05	L *	9.3707	0.0025	0.021	103	*	9.33	9.40		D	08115+3807 I 1	2 C A	AB	167	2.757	0.007	1.30	0.05	
40102	8.701	0.015	8.597	0.018		0.101	0.022	T	0.11	0.02	L	8.6455	0.0019	0.010	66		8.63	8.68				1							
40103	9.348	0.017	8.134	0.011		1.038	0.016	T	1.01	0.01	L	8.1993	0.0017	0.013	78		8.18	8.23		C		1							
40104	8.607	0.010	8.283	0.011	*	0.291	0.009	G	0.33	0.01	H *	8.3239	0.0016	0.014	112	*	8.30	8.35		D	08115−8900 H 1	2 C A	AB	214	0.212	0.017	1.69	0.24	S
40105	8.810	0.012	8.863	0.015		−0.045	0.017	T	−0.02	0.02	L	8.8617	0.0016	0.018	102		8.84	8.90				1							
40106	10.899	0.058	9.259	0.024		1.372	0.050	T	1.34	0.06	L	9.2263	0.0018	0.015	65		9.20	9.26				1							
40107	6.502	0.006	5.446	0.003		0.892	0.005	G	0.85	0.04	E	5.5155	0.0008	0.005	58		5.50	5.53		C		1							S
40108	8.653	0.010	8.315	0.011		0.301	0.013	G	0.34	0.02	H	8.3801	0.0017	0.014	105		8.35	8.40				1							
40109	7.902	0.009	8.010	0.011		−0.093	0.015	G	−0.07	0.02	H	7.9966	0.0014	0.014	99		7.97	8.02				1							S
40110	8.539	0.014	7.962	0.013		0.541	0.015	G	0.61	0.02	H	8.0115	0.0011	0.009	70		7.98	8.03				1							S
40111	9.715	0.021	8.559	0.014		0.993	0.020	T	0.97	0.02	L	8.5994	0.0021	0.016	102		8.57	8.62				1							
40112	10.251	0.027	9.056	0.016		1.023	0.024	T	1.00	0.02	L	9.1019	0.0020	0.020	121		9.06	9.14				1							
40113	9.971	0.031	8.689	0.018		1.091	0.028	T	1.05	0.03	L	8.7337	0.0022	0.012	55		8.71	8.75		C		1							S
40114	10.605	0.055	8.843	0.022		1.469	0.047	T	1.48	0.07	L	8.8521	0.0030	0.018	56		8.82	8.88		C		1							
40115	8.859	0.019	7.424	0.011		1.200	0.015	G	1.16	0.01	H	7.4634	0.0012	0.008	51		7.45	7.48		C		1							S
40116	8.848	0.012	7.761	0.009		0.940	0.011	T	0.93	0.01	L	7.8181	0.0013	0.011	111		7.79	7.85				1							
40117	9.097	0.016	7.856	0.010		1.059	0.015	T	1.03	0.01	L	7.9072	0.0013	0.011	73		7.89	7.93				1							S
40118	7.601	0.009	6.867	0.006		0.679	0.009	G	0.74	0.01	H	6.9207	0.0008	0.008	82		6.91	6.94		D	08117+3228 I 1	1							S
40119	10.263	0.035	8.548	0.015		1.431	0.030	T	1.42	0.05	L	8.5557	0.0019	0.018	91		8.53	8.58				1							S
40120	10.525	0.055	10.318	0.070		0.198	0.084	T	0.22	0.10	L	10.2723	0.0031	0.025	61		10.23	10.30		C		1							G
40121	9.367	0.014	8.027	0.008		1.136	0.013	T	1.10	0.01	L	8.0765	0.0012	0.014	174		8.06	8.11				1							S
40122	9.886	0.027	9.234	0.024		0.430	0.015	G	0.50	0.02	H	9.2553	0.0021	0.020	128		9.22	9.29				1							
40123	8.165	0.014	7.842	0.011		0.307	0.017	T	0.35	0.02	L	7.9226	0.0024	0.012	46		7.91	7.94		C		1							S
40124	11.491	0.093	10.442	0.057		0.911	0.082	T	0.91	0.06	L	10.4796	0.0048	0.029	65		10.42	10.53		C		1							G
40125	10.329	0.037	8.715	0.017		1.352	0.032	T	1.32	0.04	L	8.7135	0.0023	0.016	92		8.69	8.74		C		1							S
40126	8.616	0.012	8.658	0.016		−0.046	0.015	G	0.00	0.01	L	8.6642	0.0016	0.017	142		8.64	8.69		C		1							
40127	9.056	0.012	8.601	0.012		0.436	0.015	G	0.50	0.02	H	8.6508	0.0016	0.019	126		8.60	8.68		C		1							
40128	9.564	0.021	9.022	0.019		0.508	0.025	T	0.58	0.03	L	9.0418	0.0015	0.012	84		9.02	9.06				1							
40129	9.238	0.014	9.123	0.018		0.100	0.015	G	0.11	0.02	H	9.1415	0.0017	0.015	120		9.12	9.17				1							G
40130	9.750	0.031	8.568	0.020	A	1.000	0.495	G	0.95	0.06	L *	8.5581	0.0019	0.014	51	*	8.54	8.59		D	08118+1606 I 1	2 C A	AB	73	1.991	0.015	2.42	0.06	S
40131						1.230	0.015	G	1.39	0.02	I	10.9712	0.0057	0.031	72		10.91	11.04		C		1							G
40132	10.301	0.036	8.391	0.014		1.586	0.031	T	1.61	0.03	L	8.3130	0.0018	0.021	69		8.28	8.34		U		1 G							
40133	8.169	0.015	7.440	0.011		0.667	0.007	G	0.73	0.01	H	7.4823	0.0014	0.008	54		7.47	7.50		C		1							S
40134	8.346	0.012	7.386	0.009		0.844	0.011	T	0.86	0.01	L	7.4326	0.0014	0.008	49		7.42	7.44		C	08118+1327 I 1	1							S
40135	10.352	0.039	8.288	0.014		1.708	0.033	T	1.73	0.03	L	8.1568	0.0043	0.036	81		8.11	8.21		U 2		1							
40136	8.386	0.015	7.832	0.012		0.589	0.015	G	0.66	0.01	H	7.8747	0.0016	0.010	68		7.86	7.89		C		1							S
40137	9.391	0.020	8.063	0.012		1.127	0.018	T	1.09	0.02	L	8.0913	0.0015	0.012	95		8.07	8.11		C	08118−4825 I 1	1							
40138	9.425	0.014	8.768	0.012		0.600	0.014	T	0.67	0.01	L	8.8167	0.0017	0.021	167		8.78	8.85		C		1							
40139	7.822	0.006	7.892	0.007		−0.056	0.002	G	−0.03	0.00	H	7.9067	0.0035	0.039	228		7.81	7.97		U 2 C		1							S P
40140						1.267	0.026	G	1.44	0.04	I	11.4874	0.0055	0.043	69		11.41	11.56				1							G
40141	10.236	0.043	9.214	0.030		0.891	0.039	T	0.90	0.03	L	9.2681	0.0018	0.013	72		9.24	9.30		C		1							
40142	8.510	0.011	8.527	0.014		0.009	0.002	G	0.03	0.00	H	8.5416	0.0015	0.015	139		8.51	8.56		C		1							G
40143	8.393	0.009	8.431	0.011		−0.050	0.015	G	−0.03	0.01	H	8.4401	0.0015	0.019	139		8.41	8.48				1							
40144	8.702	0.012	6.901	0.006		1.530	0.011	T	2.79	0.04	O	6.5972	0.0114	0.095	161		6.46	6.82		U 2		1 S							S
40145	10.341	0.039	9.179	0.025		0.997	0.036	T	0.98	0.03	L	9.2572	0.0022	0.015	62		9.23	9.29		C		1							
40146	8.459	0.012	8.452	0.014		0.011	0.017	T	0.03	0.02	L	8.4751	0.0016	0.012	73		8.45	8.50		C		1							
40147	8.617	0.009	6.862	0.005		1.463	0.008	T	1.47	0.01	L	6.8310	0.0010	0.008	136		6.82	6.85				1							S
40148	7.648	0.006	7.757	0.010		−0.094	0.010	T	−0.08	0.01	L	7.7575	0.0031	0.044	175		7.68	7.82		U 2 C		1							S
40149	9.036	0.016	7.791	0.010		1.062	0.015	T	1.03	0.01	L	7.8471	0.0011	0.010	92		7.83	7.87		C		1							S
40150	9.681	0.016	8.505	0.010		1.008	0.015	T	0.98	0.01	L	8.5574	0.0016	0.017	141		8.53	8.59		C		1							S
40151	9.910	0.034	8.770	0.022		0.890	0.015	G	0.90	0.01	H	8.8689	0.0032	0.015	53		8.84	8.89				1							
40152	7.980	0.008	7.978	0.008		−0.021	0.015	G	0.00	0.01	H	7.9934	0.0014	0.011	128		7.97	8.02				1							S
40153	11.129	0.056	9.129	0.017		1.657	0.047	T	1.68	0.05	L	9.0339	0.0021	0.022	122		9.00	9.07				1							
40154	10.659	0.047	8.721	0.017		1.608	0.040	T	1.63	0.04	L	8.6833	0.0018	0.018	133		8.65	8.71				1							
40155	6.518	0.022	5.826	0.014		0.626	0.020	T	0.69	0.02	L	5.9042	0.0126	0.124	103		5.65	5.99	4.23	P 1 A		1							S
40156	9.070	0.015	8.687	0.016		0.363	0.020	T	0.42	0.02	L	8.7463	0.0026	0.024	101		8.71	8.78				1							
40157	9.075	0.013	8.767	0.014		0.260	0.015	G	0.29	0.02	H	8.8308	0.0016	0.014	117		8.81	8.86		C		1							
40158	8.043	0.011	7.866	0.012		0.170	0.015	T	0.19	0.01	L	7.9117	0.0011	0.010	82		7.90	7.93		C		1							S
40159	11.333	0.076	10.695	0.074		0.593	0.092	T	0.66	0.09	L	10.7397	0.0039	0.029	92		10.68	10.80		C		1							G
40160	8.711	0.014	6.652	0.006		1.704	0.012	T	1.73	0.01	L	6.5829	0.0018	0.017	132		6.55	6.60		U 2		1							S
40161	11.843	0.090	9.830	0.023		1.668	0.074	T	1.69	0.08	L	9.7689	0.0023	0.026	162		9.73	9.82		C		1							
40162	8.600	0.011	7.924	0.010		0.614	0.011	T	0.68	0.01	L	7.9680	0.0013	0.012	163		7.95	7.99				1							S
40163	10.641	0.052	9.797	0.038		0.730	0.020	G	0.78	0.01	H	9.8111	0.0030	0.024	102		9.76	9.85		C		1							G
40164	10.000	0.016	8.754	0.010		1.063	0.015	T	1.03	0.01	L	8.8108	0.0011	0.017	234		8.78	8.85		C		1							
40165	8.591	0.011	7.024	0.006		1.315	0.010	T	1.28	0.01	L	7.0373	0.0007	0.007	87		7.02	7.05		C		1							S
40166	8.495	0.011	8.326	0.013		0.162	0.016	T	0.18	0.02	L	8.3536	0.0020	0.013	75		8.33	8.37		C		1							S
40167						0.531	0.003	G	0.60	0.00	R *	4.7809	0.0008	0.005	50	−	4.77	4.79		D	08123+1738 I 2	3 C B							S G
40168	9.862	0.021	8.723	0.014		0.979	0.020	T	0.96	0.02	L	8.7687	0.0020	0.017	117		8.74	8.80				1							
40169	8.444	0.015	7.969	0.017		0.470	0.015	G	0.54	0.02	H	8.0437	0.0009	0.007	49		8.03	8.06				1							S
40170	12.124	0.176	10.339	0.054		1.319	0.002	G	1.52	0.00	I	10.3130	0.0033	0.025	82		10.28	10.36		C		1							G
40171	9.019	0.015	9.064	0.021	*	0.060	0.015	G	0.07	0.01	H *	9.0382	0.0017	0.020	135	*	9.00	9.07		D	08123−3732 H 1	2 C B	AB	67	0.499	0.054	3.32	0.22	G
40172	10.178	0.026	8.233	0.010		1.649	0.023	T	1.99	0.06	O	8.1192	0.0021	0.016	107		8.10	8.14				1							
40173	8.406	0.009	7.937	0.009		0.460	0.003	G	0.53	0.00	H	7.9906	0.0011	0.012	110		7.97	8.01				1							S
40174	8.958	0.015	8.258	0.013		0.619	0.002	G	0.69	0.00	H	8.3296	0.0011	0.014	139		8.31	8.35		C		1							
40175						0.564	0.072	G	0.64	0.07	R	11.0812	0.0049	0.031	90		11.02	11.14		C		1							G
40176	9.146	0.012	8.981	0.015		0.158	0.018	T	0.17	0.02	L	9.0187	0.0020	0.024	162		8.98	9.07				1							
40177	6.736	0.006	6.550	0.006		0.155	0.001	G	0.17	0.00	H	6.5841	0.0010	0.009	53		6.57	6.60		C		1							S
40178	9.049	0.014	8.151	0.011		0.570	0.020	G	0.71	0.02	A	8.2941	0.0454	0.382	140		7.70	8.61	6.66	P 1 A		1							
40179	8.763	0.011	8.688	0.014		0.068	0.016	T	0.08	0.02	L	8.7064	0.0014	0.012	96		8.69	8.73				1							
40180	9.395	0.022	8.316	0.015		0.934	0.020	T	0.93	0.01	L	8.3748	0.0011	0.011	66		8.35	8.40		D		1							
40181	6.412	0.003	6.522	0.004		−0.095	0.004	T	−0.08	0.01	L	6.5141	0.0007	0.008	149		6.50	6.53		C		1							S
40182	9.949	0.027	9.598	0.029	*	0.333	0.037	T	0.39	0.05	L *	9.6567	0.0029	0.024	108	*	9.60	9.69		C	08125−6111 H 1	2 C S B	AB	88	0.145	0.019	0.61	0.87	
40183	5.869	0.003	6.000	0.004	*	−0.113	0.005	G	−0.12	0.02	A *	5.9726	0.0008	0.007	104	*	5.96	5.99		D	08125−4616 I 1	2 C A	AB	276	0.559	0.002	1.21	0.01	S
40184	10.004	0.043	8.920	0.029		0.708	0.126	G	0.92	0.06	L	8.9194	0.0020	0.015	56		8.88	8.95			08123+1738 I 2	1							
40185	9.422	0.016	8.868	0.015		0.519	0.020	T	0.59	0.02	L	8.8998	0.0016	0.015	138		8.88	8.93		C		1							
40186											T	12.4565	0.0849	0.410	56		11.56	12.88	0.50	P 1 A		1							D
40187	10.303	0.045	9.067	0.027		1.015	0.015	G	0.99	0.01	I	9.1261	0.0018	0.013	49		9.10	9.15		C		1 S							
40188	7.371	0.005	7.004	0.005		0.352	0.008	G	0.41	0.01	H	7.0494	0.0008	0.008	130		7.03	7.06		C		1							S
40189	9.023	0.013	8.041	0.009		0.857	0.004	G	0.87	0.00	H	8.1172	0.0012	0.012	127		8.09	8.14		C		1							S
40190	8.392	0.010	7.804	0.012		0.558	0.015	G	0.63	0.01	H	7.8537	0.0014	0.010	91		7.84	7.88		C		1							S
40191	9.750	0.022	7.889	0.009		1.547	0.019	T	1.61	0.04	L	7.8350	0.0017	0.020	156		7.80	7.87				1							
40192	8.073	0.008	8.019	0.010	*	0.048	0.004	G	0.06	0.00	H *	8.0370	0.0015	0.012	86	*	8.02	8.06		D	08126+2849 I 1	2 C S A	AB	225	0.195	0.007	1.08	0.14	S
40193	9.941	0.022	8.627	0.013		1.116	0.020	T	1.08	0.02	L	8.6632	0.0015	0.017	106		8.64	8.69		C		1							
40194	9.142	0.020	8.677	0.020		0.408	0.015	G	0.47	0.02	H	8.7499	0.0017	0.013	59		8.72	8.78				1							
40195	9.027	0.014	8.504	0.013		0.491	0.017	T	0.56	0.02	L	8.5551	0.0013	0.013	87		8.53	8.58		C		1							
40196	9.539	0.022	9.470	0.030		0.069	0.035	T	0.08	0.04	L	9.4038	0.0029	0.032	158		9.35	9.46				1							G
40197	9.558	0.025	7.794	0.012		1.470	0.022	T	1.48	0.03	L	7.7809	0.0016	0.011	52		7.75	7.81		C		1							S
40198	10.467	0.040	9.268	0.024		1.026	0.036	T	1.00	0.03	L	9.3345	0.0013	0.015	76		9.30	9.36		D		1							
40199	10.622	0.035	8.955	0.015		1.393	0.030	T	1.37	0.04	L	8.9599	0.0017	0.018	125		8.93	8.99		C		1							
40200	8.769	0.009	8.329	0.009	*	0.415	0.012	T	0.48	0.01	L *	8.3879	0.0008	0.012	160	*	8.37	8.41		D	08127+2613 I 1	2 C B	AB	104	0.250	0.084	1.53	0.47	

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α deg (ICRS) (8)	δ deg (9)	(10)	π mas (11)	μα* mas/yr (12)	μδ mas/yr (13)	σα* mas (14)	σδ mas (15)	σπ mas (16)	σμα* mas/yr (17)	σμδ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	F1 % (29)	F2 (30)
40201		08 12 39.93	−10 32 19.2	9.37		H	123.166 393 24	−10.538 663 78		1.24	−2.64	−0.34	1.29	0.91	1.56	1.37	1.20	−28	+53	−23	+37	−7	+12	+0	+44	+8	−7	2	0.20
40202		08 12 40.87	+19 03 04.8	11.19		H	123.170 298 50	+19.051 343 96		14.17	−4.62	−2.25	3.01	2.23	3.49	3.18	2.56	−16	+32	−53	−44	+2	−20	−14	+2	−23	−15	0	1.91
40203		08 12 41.36	−61 50 56.7	8.95		H	123.172 317 50	−61.849 093 47		3.26	−4.39	−5.37	0.77	0.74	0.81	0.91	0.86	−6	−3	+10	−2	+4	+10	−2	−19	+3	−28	0	0.03
40204		08 12 41.53	−66 23 25.8	8.88		H	123.173 030 37	−66.390 494 69		0.99	−1.55	10.08	0.78	0.75	0.84	0.86	0.83	+14	+18	+6	−30	−19	−23	−14	−23	+21	−11	0	1.12
40205		08 12 42.34	−13 28 46.8	8.16		H	123.176 397 79	−13.479 667 41		3.82	−12.43	−5.08	0.70	0.62	0.94	0.79	0.77	−26	+22	−24	−13	−7	−15	−13	+14	−7	−23	2	1.59
40206		08 12 42.97	+66 37 38.9	10.17		H	123.179 043 74	+66.627 480 27		−1.21	4.10	−4.37	1.54	1.39	1.94	1.82	1.74	+1	+17	−20	+45	−13	+10	−12	+31	−9	+17	1	2.47
40208	H	08 12 43.64	−68 21 28.0	9.56		H	123.181 850 50	−68.357 789 43	A	2.65	−16.58	17.26	1.64	1.46	1.48	1.76	1.41	+1	+18	+1	−13	−11	−2	−14	−3	−10	−13	1	0.13
40209	H	08 12 44.43	+29 32 30.9	8.56		G	123.185 105 08	+29.541 924 87	A	3.06	−0.07	−2.09	2.13	1.51	1.99	2.10	1.49	−51	+35	−15	−18	+12	−13	+11	−21	+12	−45	1	0.82
40210		08 12 44.67	+79 13 15.9	9.20		H	123.186 131 53	+79.221 081 96		5.05	−2.48	−11.96	0.83	0.76	1.13	0.95	0.86	+0	+31	−6	−4	−14	−5	−11	−16	−1	+23	1	−0.72
40211		08 12 45.93	−29 54 39.1	6.53		H	123.191 365 13	−29.910 850 82		6.80	−38.71	33.61	0.35	0.45	0.62	0.41	0.51	+7	−4	−7	+17	+1	+16	−1	−16	+5	−1	2	0.37
40212		08 12 46.20	+47 10 36.0	9.16		H	123.192 508 94	+47.176 653 71		2.67	−1.26	−7.73	1.36	0.76	1.42	2.47	1.42	+27	+17	−18	+5	−5	+15	−2	+4	+9	+58	0	0.35
40213		08 12 47.22	−50 39 42.9	8.58		H	123.196 749 96	−50.661 927 84		2.41	31.35	7.07	0.67	0.64	0.76	0.77	0.72	+7	+21	+11	+0	−2	−15	−1	−1	−2	+2	0	−0.46
40214		08 12 48.13	+11 11 04.9	7.26		G	123.200 543 93	+11.184 681 04		2.36	−2.37	−1.44	0.92	0.69	1.12	1.28	0.88	−2	+10	−38	−7	+2	−38	−18	+37	−22	+15	0	0.83
40215		08 12 48.79	+68 28 26.6	5.34		H	123.203 285 77	+68.474 054 16		3.07	−1.05	7.32	0.31	0.43	0.65	0.38	0.57	+45	+3	−3	−9	−19	+11	−20	−14	+6	+49	0	−1.72
40216		08 12 49.25	+22 22 47.4	9.31		H	123.205 219 39	+22.379 841 33		1.59	1.20	−4.29	1.14	0.82	1.35	1.53	1.26	−24	+28	−28	−8	+25	−19	+12	−8	−32	−6	0	−0.55
40217		08 12 50.68	+04 55 42.8	7.26		G	123.211 173 93	+04.928 549 50		4.69	−10.58	−14.22	1.03	0.52	1.05	1.23	0.78	−27	+42	−16	−32	+18	−7	+8	−9	−19	−19	2	−0.13
40218		08 12 50.72	−36 13 41.4	7.62		H	123.211 312 72	−36.228 169 11		3.20	−7.62	7.40	0.49	0.53	0.69	0.57	0.58	+1	−4	+3	−7	+3	+12	+2	−7	+11	−9	0	0.62
40219		08 12 51.37	+72 35 23.8	9.77		H	123.214 052 46	+72.589 940 34		8.76	−19.58	16.16	0.89	1.08	1.47	0.91	1.12	+20	+32	+13	−4	−8	−6	−10	−13	−14	+27	0	2.32
40220		08 12 51.56	−37 55 28.1	6.40		H	123.214 826 69	−37.924 466 87		5.81	−3.90	−1.24	0.38	0.41	0.53	0.40	0.46	+7	+4	+6	+0	−3	+12	−5	−10	+14	−1	0	0.92
40221		08 12 51.93	−07 12 15.8	7.93		G	123.216 381 00	−07.204 395 95		11.01	149.95	−97.09	0.89	0.71	1.01	1.26	1.06	−27	+17	−13	−11	−8	−32	−5	+34	+9	−40	0	1.09
40222	H	08 12 52.54	+09 34 40.2	7.79		H	123.218 923 27	+09.577 834 71	A	6.84	−46.80	−17.82	1.51	0.92	1.58	1.75	1.22	−31	+34	−15	−13	+1	−42	−18	+49	−4	−5	0	0.17
40223	H	08 12 53.38	−16 12 57.9	9.39		H	123.222 406 39	−16.216 088 31	A	1.52	12.14	0.22	2.35	2.63	2.37	1.83	2.02	+3	+29	−3	+3	−3	−8	−11	+25	−23	−24	0	0.34
40224		08 12 54.89	+39 28 23.5	7.53		H	123.228 709 98	+39.473 202 31		7.33	84.90	−13.27	0.93	0.52	0.98	1.19	0.72	+6	+11	−1	−23	−24	−5	−19	+6	+1	−19	0	−0.88
40225		08 12 55.10	−35 23 34.8	8.50		H	123.229 573 37	−35.393 007 42		7.10	−20.81	44.73	0.61	0.74	0.92	0.65	0.80	−3	+7	+18	−1	−4	+4	−5	+0	−3	−18	0	−1.93
40226		08 12 56.72	+30 26 35.4	8.71		H	123.236 329 26	+30.443 165 39		3.11	5.72	2.08	1.05	0.78	1.17	1.26	0.94	−44	+35	−19	−5	+17	−1	+9	−28	−13	−46	2	1.82
40227		08 12 56.73	−40 32 20.9	9.39		G	123.236 379 13	−40.539 126 40		20.98	193.97	−151.65	0.84	0.86	1.08	0.91	0.97	+0	−10	+10	−16	+0	+11	−2	−20	−1	−16	1	0.42
40228		08 12 56.94	−13 51 20.5	8.11		G	123.237 255 10	−13.855 687 74		2.82	−6.51	6.05	0.76	0.61	0.98	0.85	0.74	−22	+27	−24	−8	−10	−2	−11	+11	+1	−12	0	0.06
40229		08 12 58.84	−14 57 07.9	9.32		G	123.245 184 75	−14.952 196 61		15.51	72.53	−165.73	0.96	0.91	1.29	1.08	1.13	−34	+39	−29	+17	−11	−5	−17	+31	−13	−21	0	−0.41
40230		08 12 59.05	+55 37 31.2	8.03	2	G	123.246 051 64	+55.625 336 41		6.14	−0.85	−28.73	0.75	0.65	0.99	0.96	0.92	−18	+20	−5	−14	−18	+2	−19	+7	+11	−7	0	−1.33
40231		08 12 59.74	+16 30 51.7	6.03		H	123.248 902 79	+16.514 348 97		6.18	−10.85	−12.03	0.83	0.56	0.94	0.92	0.63	−2	+29	−46	−31	+2	−32	−18	+7	−15	+11	0	3.22
40232		08 13 01.14	+13 55 58.5	8.46		H	123.254 761 33	+13.932 909 48		3.55	−8.45	−0.36	1.13	0.79	1.17	1.32	0.95	+5	+19	−27	−35	−18	−16	−26	+4	−19	+10	0	1.04
40233		08 13 04.22	−34 34 42.7	6.99	3	T	123.267 576 14	−34.578 533 83		0.49	−3.23	2.81	0.45	0.54	0.68	0.51	0.64	+16	+1	+2	+9	+1	+27	+0	−14	+10	+14	0	−0.73
40234		08 13 04.46	+25 18 52.6	9.17		H	123.268 572 79	+25.314 598 70		3.46	−21.58	−33.81	1.25	0.79	1.41	1.37	0.88	−35	+49	−31	−7	−3	−13	+1	−8	+13	−28	0	−1.31
40235		08 13 05.03	−19 27 25.6	8.46		H	123.270 954 77	−19.457 100 87		1.20	−7.50	9.96	0.69	0.67	1.03	0.91	0.89	+2	−5	−15	−9	−8	−26	−11	+2	+2	−11	0	−0.10
40236	H	08 13 06.25	+41 33 40.4	8.96		H	123.276 061 57	+41.561 221 30	A	5.20	−2.10	−12.77	2.34	1.35	2.29	3.15	2.18	+11	+41	+11	+24	−1	+22	+1	+26	+16	+21	1	−0.72
40237		08 13 07.05	−12 43 09.7	7.65		H	123.279 378 64	−12.719 361 44		9.76	−8.33	−10.68	0.67	0.65	0.93	0.72	0.85	−38	+30	−17	−1	−36	−14	−36	+36	−1	−53	2	1.84
40238		08 13 08.55	−05 38 35.7	9.26		G	123.285 638 91	−05.643 262 98		0.14	−0.60	0.30	1.14	1.07	1.62	1.31	1.37	−35	+20	−26	+8	−4	−28	−16	+31	−24	−25	4	0.61
40239	H	08 13 08.61	−13 54 56.9	9.38		G	123.285 875 60	−13.915 797 01	A	46.21	−189.67	−511.07	3.68	3.39	4.14	3.72	3.76	−32	+23	−18	−30	−7	+11	−8	+0	−13	−38	9	3.75
40240		08 13 08.87	+29 39 23.7	5.62		H	123.286 977 16	+29.656 586 20		3.74	−10.39	−20.48	0.73	0.52	0.81	0.81	0.64	−48	+41	−16	−2	+9	−9	+5	−14	−3	−50	6	2.73
40241		08 13 09.05	+43 00 02.2	8.30		G	123.287 718 39	+43.000 599 30		5.82	21.72	−31.15	1.00	0.61	1.09	1.55	1.13	−4	+8	−5	+18	+0	+7	+0	+15	−6	−5	0	−0.66
40242		08 13 10.78	+50 06 58.0	9.79		H	123.294 925 81	+50.116 097 66		4.35	−0.66	−24.17	1.53	0.91	1.54	1.95	1.14	+1	+32	−11	+33	−2	−3	−3	+9	+0	+1	0	−0.51
40243		08 13 11.17	−21 14 29.1	8.11	1	H	123.296 543 52	−21.241 429 12		2.29	6.21	−14.54	0.79	0.68	1.01	1.03	0.89	−7	+27	−11	−17	+1	+1	−2	−24	−1	−43	0	2.57
40244		08 13 11.71	−23 58 12.4	8.59		H	123.298 800 50	−23.970 114 13		−0.16	−4.95	−0.48	0.69	0.91	1.32	0.77	1.07	−36	+19	−14	+19	+11	−9	+6	−5	+9	−55	1	0.04
40245		08 13 11.87	+39 59 13.4	8.20		H	123.299 473 07	+39.987 066 28		1.58	−13.27	−15.53	1.14	0.66	1.22	1.37	0.82	+6	+21	−15	−18	−20	−10	−22	−5	−10	−4	0	1.89
40246		08 13 12.96	−23 30 43.4	7.61		H	123.303 992 83	−23.512 067 37		8.20	−49.51	19.25	0.56	0.66	0.88	0.61	0.72	−21	+10	−18	+16	+11	−15	−2	−28	+4	−43	0	1.60
40247		08 13 13.21	+05 00 06.5	9.32		H	123.305 053 93	+05.001 804 08		−0.03	5.61	−5.15	1.57	0.82	1.63	2.01	1.12	−26	+37	−15	−35	+16	−5	+4	−13	−20	−11	2	−0.10
40248		08 13 13.42	−22 23 51.1	9.08		G	123.305 914 17	−22.397 539 72		0.88	−5.19	3.51	0.82	0.93	1.17	1.09	0.98	−3	+6	−17	−3	−20	−11	−20	−27	+18	−23	0	−1.12
40249		08 13 14.96	+64 02 14.4	8.76		H	123.312 332 25	+64.037 345 79		5.99	−18.53	−21.82	0.91	0.79	1.23	0.98	1.03	−2	+22	−24	+26	+14	−6	+19	−1	+11	+12	0	1.42
40250		08 13 15.03	−32 09 22.1	7.64		H	123.312 617 01	−32.156 148 62		2.93	−6.49	6.44	0.48	0.56	0.75	0.57	0.54	−4	−1	+12	−2	+21	+9	+15	−29	−6	−11	0	−0.27
40251		08 13 15.09	−52 14 10.3	7.16		H	123.312 878 68	−52.236 192 84		2.87	−6.24	2.51	0.45	0.45	0.50	0.51	0.44	+16	+4	+6	−1	−9	+1	−9	−9	+6	+7	1	0.56
40252	H	08 13 16.44	−24 17 33.2	7.19		G	123.318 505 81	−24.292 551 91	A	5.35	−7.90	−13.38	0.74	0.91	1.11	0.84	1.04	−21	+21	−9	+13	+13	+8	−5	−14	−8	−58	1	0.31
40253		08 13 17.46	+49 13 17.8	8.54		G	123.322 754 89	+49.221 618 46		12.25	−176.23	−261.49	2.01	1.08	1.16	4.97	1.44	+44	+26	−22	−71	−44	−4	−35	−61	+18	+14	0	2.11
40254		08 13 18.03	−05 38 26.4	8.71		H	123.325 121 48	−05.640 672 33		1.18	−0.51	−0.34	0.96	0.82	1.27	1.16	1.05	−29	+20	−27	+21	+1	−18	−6	+38	−17	−20	0	0.16
40255		08 13 18.20	−36 20 30.3	7.32		H	123.325 828 98	−36.341 755 29		2.67	−6.77	7.21	0.43	0.48	0.61	0.50	0.55	+4	+1	+1	−9	+1	+3	+2	−5	+10	−8	0	0.46
40256		08 13 18.80	+03 07 53.4	9.12		H	123.328 338 64	+03.131 495 55		2.96	22.91	−4.56	1.30	0.86	1.55	1.87	1.25	−25	+24	−26	−5	+2	−8	−14	+33	−20	+11	4	−0.15
40257		08 13 19.34	−32 58 08.6	8.52		H	123.330 577 12	−32.969 066 90		0.74	−6.83	4.43	0.58	0.66	0.92	0.69	0.73	+4	+5	−8	+3	+3	+7	+3	−16	−5	+4	1	−1.00
40258		08 13 19.54	−18 08 22.2	8.00		H	123.331 430 86	−18.139 513 18		4.18	−7.77	−14.98	0.69	0.66	0.91	0.79	0.76	−18	+31	−31	−13	+3	+1	+1	+1	−5	−5	0	0.25
40259		08 13 19.98	−15 47 17.6	4.99		H	123.333 229 33	−15.788 214 51		2.65	−11.52	−2.85	0.53	0.49	0.76	0.58	0.57	−18	+33	−31	−5	−3	−6	−11	+24	−14	−5	0	0.68
40260		08 13 20.46	−42 42 00.5	8.33		H	123.335 262 87	−42.700 149 60		4.28	−13.15	7.22	0.57	0.58	0.68	0.64	0.64	−15	+4	+2	−21	+14	+4	+15	−13	−6	−24	0	−0.02
40261		08 13 20.53	+70 27 55.6	8.85	1	H	123.335 543 07	+70.465 437 47		3.67	−17.11	−28.17	0.62	0.72	1.05	0.65	0.82	+26	+9	+7	+5	−18	+6	−19	−11	−8	+31	1	−0.43
40262		08 13 21.67	+56 31 40.8	6.84		H	123.340 309 18	+56.527 996 85		9.28	1.00	−58.02	0.55	0.47	0.82	0.79	0.78	−30	+22	+0	−25	−14	+6	−21	+0	+6	−9	1	0.87
40263		08 13 21.79	−01 09 57.2	6.48		H	123.340 802 29	−01.165 898 34		6.28	−28.75	5.39	0.77	0.54	0.98	1.00	0.65	−34	+17	−21	+34	−3	−20	−8	+36	+3	−24	2	0.69
40264		08 13 21.91	−41 24 51.2	7.78	2	H	123.341 274 42	−41.414 233 05		0.87	−5.28	12.76	0.53	0.57	0.66	0.57	0.61	−9	−2	+8	−20	+8	+1	+7	−31	+0	−19	0	−0.30
40265		08 13 22.29	−38 26 18.1	7.54		H	123.342 892 94	−38.438 366 76		0.98	−4.84	5.25	0.48	0.52	0.65	0.50	0.56	+3	−2	+18	+16	−4	+5	−8	−9	+4	−6	0	−0.43
*40266		08 13 22.51	+21 36 38.1	10.07		H	123.343 797 86	+21.610 584 07		7.29	−2.66	−5.74	4.49	3.37	4.96	5.41	4.66	−20	+4	−21	−35	+5	−8	+3	−11	−28	−25	0	
*40267		08 13 22.46	+35 02 08.2	11.19		H	123.343 580 83	+35.035 606 34		6.62	−43.81	−73.62	2.10	1.04	2.21	2.59	1.59	+9	+20	−7	−20	−24	+2	−21	+9	+6	−6	0	−0.75
40268		08 13 22.66	−36 18 37.6	7.34		H	123.344 414 59	−36.310 435 05		2.51	−7.59	7.18	0.45	0.49	0.63	0.52	0.56	+3	−3	+3	−14	+1	+8	+2	−8	+7	−9	0	0.69
40269		08 13 22.86	−45 34 10.2	11.13		G	123.345 234 00	−45.569 499 98		12.64	−25.54	−59.65	1.63	1.80	2.08	1.96	1.80	+1	+8	+17	−15	−3	−12	+0	−31	+21	−11	4	1.65
40270		08 13 22.93	+20 16 50.4	7.84		H	123.345 538 11	+20.280 664 52		4.80	−3.38	−71.52	1.05	0.71	1.15	1.34	1.09	−3	+12	−19	−9	+12	−27	+8	+1	−13	−14	0	0.89
40271		08 13 25.06	−04 03 53.6	9.10		H	123.354 426 47	−04.064 898 76		1.74	−9.79	7.37	0.97	0.87	1.52	1.22	1.04	−15	+7	−44	+23	+31	−39	+16	+38	−30	+5	0	−0.66
40272		08 13 25.87	−53 17 38.0	12.03		G																							
40273		08 13 27.79	+48 16 51.1	6.84		H	123.365 805 74	+48.280 850 11		6.47	−30.80	−13.44	0.76	0.48	0.84	1.23	0.69	+12	+8	−20	+22	−7	+18	+0	+3	+18	+23	0	0.40
40274		08 13 29.52	−35 53 58.4	4.78	2	T	123.373 010 19	−35.899 542 25		3.33	−7.30	10.07	0.37	0.39	0.51	0.43	0.47	+5	−5	+7	−5	+3	+3	+2	−4	+8	−13	0	−2.95
40275	H	08 13 29.75	−62 29 12.0	8.24		H	123.373 970 13	−62.486 660 03	A	5.16	−32.60	42.16	1.19	1.13	1.08	1.39	1.16	−10	−13	+13	+2	+1	+5	−2	−19	−6	−40	1	0.86
40276		08 13 30.91	−20 34 29.3	8.45		H	123.378 800 80	−20.574 817 05		3.69	−13.86	3.51	0.75	0.68	1.08	0.99	0.81	−4	+6	−3	+19	−23	−30	−23	+17	+18	−24	3	−0.08
40277		08 13 31.06	−23 57 11.4	7.80	3	H	123.379 422 16	−23.953 173 08		3.96	−9.48	3.71	0.56	0.74	1.04	0.67	0.93	−32	+20	−10	+7	+24	−2	+17	−23	+5	−56	1	1.31
40278		08 13 31.08	+28 17 30.7	8.81		H	123.379 482 66	+28.291 865 97		7.12	−24.15	6.12	1.11	0.73	1.31	1.30	0.84	−46	+19	+2	−7	−5	−17	−5	−12	+12	−68	0	0.40
40279		08 13 32.70	−33 17 59.2	7.62		H	123.386 245 68	−33.299 776 56		13.29	69.62	−25.61	0.50	0.56	0.78	0.56	0.59	+7	+4	+7	+19	−1	+14	−1	−15	+5	+10	0	2.01
40280	H	08 13 34.19	+10 50 50.4	7.17		G	123.392 462 22	+10.847 325 90	A	12.78	6.51	−69.23	1.54	0.99	1.50	1.77	1.29	−52	+23	−22	−33	+12	−23	−11	+24	−31	+1	0	0.18
40281		08 13 34.21	−06 35 39.9	7.49		H	123.392 549 44	−06.594 408 84		5.46	−17.98	4.79	0.75	0.63	0.92	0.97	0.86	−32	+21	−18	−1	+0	−27	−6	+24	−3	−28	0	1.27
40282		08 13 34.23	−50 11 45.8	5.52	2	H	123.392 610 76	−50.196 066 98		4.33	21.68	−1.96	0.47	0.39	0.49	0.56	0.43	+6	+18	−2	+1	−5	−9	−3	−5	+11	+0	3	−0.45
40283		08 13 34.73	−31 44 08.7	6.70		G	123.394 697 44	−31.735 751 87		36.98	−334.52	152.51	0.39	0.47	0.64	0.44	0.46	+7	+5	−4	−3	+8	+2	+6	−23	−4	+3	0	1.73
40284	H	08 13 35.97	+10 22 50.4	7.32		H	123.399 877 13	+10.380 676 46	A	4.30	−8.51	−6.45	1.45	1.03	1.52	1.54	1.37	−44	+28	−40	−18	−10	−15	−19	+40	−20	−41	0	−0.06
40285		08 13 36.16	−46 59 30.0	5.14	1	H	123.400 680 34	−46.991 653 20		3.36	−10.31	10.34	0.48	0.43	0.56	0.54	0.42	+12	−15	+8	−11	−12	+12	−16	−25	+32	+14	0	−0.09
40286		08 13 36.37	−45 35 47.7	9.63		H	123.401 527 52	−45.596 582 98		1.49	−2.43	17.77	0.94	0.95	1.16	1.08	0.98	−1	+6	+14	−15	−3	−15	−1	−25	+22	−15	0	−0.31
40287		08 13 36.84	−17 07 29.3	8.47		H	123.403 487 04	−17.124 793 64	A	−1.17	−1.37	2.48	1.15	1.00	1.29	1.20	1.17	−16	+10	−6	−12	−6	−6	−5	+3	+1	−5	0	0.49
40288		08 13 37.52	+81 45 28.1	8.04		H	123.406 328 90	+81.757 801 08		7.59	−50.43	−4.09	0.54	0.58	0.73	0.61	0.66	−9	+28	−17	+1	+8	−1	+11	−24	+1	+10	0	−0.87
40289		08 13 37.79	+16 38 49.1	8.28		H	123.407 478 01	+16.646 971 88		0.98	−0.74	−4.06	1.08	0.71	1.22	1.36	0.86	+5	+22	−39	−16	+6	−36	−14	+15	−15	+23	0	1.87
40290		08 13 40.62	−63 25 18.9	11.74		H	123.419 241 32	−63.421 912 43		2.28	−18.61	43.19	1.70	1.71	1.86	1.68	1.90	−2	+1	+12	−15	−16	−2	−17	−13	−3	−30	3	−0.43
40291		08 13 41.05	−33 34 10.4	6.38		G	123.421 043 90	−33.569 552 41		8.65	33.76	9.96	0.41	0.47	0.64	0.48	0.50	+16	+5	−3	+9	+1	+22	+2	−26	+14	+16	2	0.71
40292		08 13 41.46	−76 10 01.0	9.54		H	123.422 731 03	−76.166 939 56		1.26	−5.83	5.12	0.75	0.81	0.83	0.86	0.89	+8	+8	+17	+21	−2	+16	−6	+20	−8	−7	0	−0.69
40293		08 13 41.71	+23 08 15.9	6.56		H	123.423 805 99	+23.137 758 48		10.31	−37.37	−12.03	0.79	0.55	0.85	1.01	0.72	−9	+26	−28	+17	+15	−17	+10	+22	−4	+9	0	2.37
40294		08 13 41.88	+34 06 41.1	10.19		H	123.424 496 16	+34.111 429 26		6.07	0.42	−8.65	1.41	0.94	1.63	1.75	1.35	−21	+4	−27	−17	−27	+4	−23	+11	+13	−43	0	1.08
40295		08 13 43.35	−22 20 27.2	8.64		H	123.430 632 96	−22.340 902 32		5.52	−14.24	13.29	0.98	0.95	1.31	1.19	1.04	−2	+27	−22	−2	−20	−1	−21	−26	+9	−24	3	0.17
40296		08 13 43.91	−31 32 57.3	8.82		H	123.432 957 94	−31.549 250 64		0.71	−4.05	5.39	0.55	0.69	0.92	0.63	0.67	+3	+2	−6	+12	+2	+4	+2	−23	−2	+2	0	−0.25
40297	H	08 13 45.52	+01 59 08.5	8.05		H	123.439 649 97	+01.985 707 92	A	7.16	43.61	−56.51	2.61	1.46	2.58	2.80	1.59	−26	+40	−18	−4	−18	−11	−23	+26	−5	−29	4	−0.16
40298		08 13 45.58	+63 06 13.3	8.42		G	123.439 910 31	+63.103 681 18		24.51	142.98	113.40	0.80	0.65	1.04	0.88	0.87	−6	+14	+1	+4	+7	+8	+13	−16	+11	+11	0	−0.73
40299		08 13 45.66	−46 34 43.3	6.49		H	123.440 243 03	−46.578 694 54		3.23	−8.26	4.32	0.51	0.47	0.60	0.57	0.46	+6	−6	+8	−23	−6	+4	−8	−28	+28	+4	0	2.47
40300	H	08 13 46.63	−41 27 57.2	9.11		H	123.444 293 02	−41.465 897 19	A	−2.04	−6.73	2.30	1.78	1.87	2.06	1.76	1.95	−11	+3	+10	−7	+11	+2	+13	−10	−9	−25	15	1.98

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
40201	9.381	0.024	9.374	0.033		0.011	0.038	T	0.03	0.04	L	9.3828	0.0029	0.015	64		9.35	9.41		C			1							
40202						0.710	0.126	G	0.76	0.12	R	11.3362	0.0086	0.053	42		11.23	11.41					1							G
40203	9.562	0.018	9.002	0.017		0.524	0.022	T	0.60	0.02	L	9.0653	0.0018	0.016	114		9.04	9.09		C			1							
40204	10.950	0.048	9.042	0.017		1.584	0.040	T	1.60	0.04	L	8.9995	0.0016	0.014	98		8.97	9.03		C			1							
40205	8.296	0.010	8.151	0.011		0.132	0.014	T	0.15	0.01	L	8.2116	0.0015	0.014	107		8.19	8.24					1							S
40206	12.119	0.121	10.311	0.039		1.505	0.101	T	1.53	0.15	L	10.2933	0.0037	0.046	126		10.19	10.38					1							G
40208	10.342	0.033	9.744	0.030	*	0.558	0.040	T	0.63	0.04	L *	9.6781	0.0023	0.021	109	*	9.64	9.72		D	08127−6821	I 1	2 C	A	AB	227	0.864	0.006	1.32	0.03	
40209	8.930	0.018	8.817	0.022	A	0.134	0.015	G	0.15	0.01	H *	8.5994	0.0018	0.015	81	*	8.57	8.63		D	08127+2933	I 1	2 C	A	AB	100	1.797	0.008	0.81	0.02	
40210	9.401	0.015	9.218	0.018		0.175	0.022	T	0.19	0.03	L	9.2557	0.0025	0.023	150		9.21	9.30					1							
40211	6.602	0.003	6.531	0.003		0.057	0.003	G	0.07	0.00	H	6.5526	0.0006	0.008	199		6.54	6.57					1							S
40212	9.450	0.022	9.204	0.024		0.234	0.031	T	0.26	0.04	L	9.2290	0.0020	0.017	75		9.20	9.25		C			1							
40213	10.283	0.029	8.738	0.014		1.297	0.025	T	1.26	0.03	L	8.7417	0.0017	0.015	119		8.72	8.77		C			1							
40214	7.163	0.005	7.230	0.010		−0.063	0.002	G	−0.04	0.00	H	7.2464	0.0014	0.009	53		7.23	7.26		C			1							S
40215	6.631	0.002	5.439	0.002		1.037	0.013	G	0.96	0.03	C	5.5047	0.0004	0.006	307		5.50	5.52					1							S
40216	9.545	0.026	9.313	0.030		0.180	0.015	G	0.20	0.02	H	9.3672	0.0018	0.011	59		9.35	9.40		D			1							
40217	7.239	0.007	7.246	0.010		−0.001	0.002	G	0.02	0.00	H	7.2639	0.0008	0.007	64		7.25	7.27		C			1							S
40218	7.449	0.006	7.600	0.008		−0.129	0.002	G	−0.12	0.00	H	7.5801	0.0015	0.013	156		7.56	7.60					1							S
40219	10.397	0.026	9.793	0.024		0.563	0.031	T	0.64	0.03	L	9.8965	0.0028	0.034	168		9.84	9.95		C			1							
40220	6.534	0.003	6.405	0.004		0.108	0.001	G	0.12	0.00	H	6.4379	0.0005	0.007	157		6.43	6.45		C			1							S
40221	9.056	0.018	8.003	0.013		0.901	0.001	G	0.94	0.00	I	8.0724	0.0016	0.011	66		8.05	8.09		C			1							
40222	8.065	0.012	7.783	0.013	*	0.251	0.015	G	0.28	0.02	H *	7.8643	0.0009	0.009	73	*	7.85	7.88		D	08129+0935	I 1	2 C	A	AB	184	6.702	0.003	1.53	0.02	S
40223	9.832	0.024	9.441	0.026	*	0.370	0.032	T	0.43	0.04	L *	9.4731	0.0029	0.026	79	*	9.44	9.52		D	08129−1613	I 1	2 C	A	AB	33	0.396	0.012	1.61	0.07	
40224	8.878	0.012	7.658	0.008		1.043	0.011	T	1.01	0.01	L	7.6960	0.0013	0.010	101		7.68	7.71		C			1							S
40225	9.304	0.016	8.580	0.014		0.651	0.016	T	0.71	0.01	L	8.6329	0.0016	0.019	157		8.60	8.67					1	S						
40226	9.020	0.016	8.777	0.018		0.273	0.015	G	0.31	0.02	H	8.7846	0.0024	0.014	70		8.76	8.82		C			1							
40227	10.540	0.048	9.560	0.033		0.820	0.001	G	0.86	0.02	A	9.5381	0.0026	0.024	136		9.50	9.57					1							G
40228	8.076	0.008	8.100	0.011		−0.015	0.002	G	0.01	0.00	H	8.1151	0.0016	0.012	92		8.10	8.14					1							S
40229	10.199	0.036	9.407	0.028		0.660	0.015	G	0.72	0.01	H	9.4503	0.0016	0.017	81		9.41	9.49		C			1							
40230	8.447	0.011	8.009	0.011		0.407	0.015	G	0.47	0.02	H	8.0966	0.0083	0.050	98		8.02	8.16	0.11	P 1 A			1							S
40231	7.144	0.008	6.138	0.005		0.890	0.015	G	0.89	0.04	E	6.1926	0.0011	0.006	51		6.18	6.20		C			1							S
40232	9.554	0.029	8.587	0.021		0.850	0.027	T	0.86	0.02	L	8.6119	0.0016	0.012	53		8.59	8.64					1							
40233	8.710	0.009	7.141	0.005		1.290	0.020	G	1.42	0.02	A	7.1231	0.0517	0.475	148		6.69	7.77	41.49	P 1 A			1							S
40234	10.543	0.049	9.326	0.029		1.040	0.044	T	1.01	0.04	L	9.3312	0.0031	0.022	90		9.30	9.38		C			1							
40235	10.609	0.056	8.653	0.018		1.622	0.047	T	1.64	0.05	L	8.5694	0.0026	0.023	108		8.53	8.61					1							
40236	9.643	0.022	9.188	0.023	A	0.500	0.495	G	0.53	0.05	L *	9.0586	0.0022	0.014	78	*	9.03	9.08		D	08131+4134	I 1	2 C	A	AB	328	3.069	0.007	1.59	0.03	
40237	7.863	0.008	7.678	0.007		0.170	0.010	T	0.19	0.01	L	7.7086	0.0008	0.011	132		7.69	7.73					1							S
40238	9.289	0.025	9.207	0.032		0.040	0.015	G	0.06	0.01	H	9.2666	0.0022	0.017	64		9.23	9.30		C			1							G
40239	11.327	0.082	9.760	0.033	*	1.393	0.014	G	1.72	0.02	A *	9.4721	0.0027	0.017	83	*	9.43	9.50		D	08131−1355	I 1	2 C	A	AB	170	0.681	0.006	0.70	0.04	W
40240	5.536	0.003	5.607	0.004		−0.073	0.002	G	−0.05	0.00	H	5.5974	0.0009	0.007	88		5.59	5.61					1							S
40241	8.828	0.014	8.338	0.013		0.468	0.015	G	0.54	0.02	H	8.4069	0.0014	0.011	88		8.38	8.43					1							S
40242	10.394	0.041	9.856	0.041		0.504	0.052	T	0.58	0.06	L	9.9015	0.0032	0.022	77		9.87	9.94		C			1							
40243	9.647	0.022	8.212	0.013		1.211	0.020	T	1.17	0.02	L	8.2707	0.0026	0.022	103		8.23	8.32		U			1							
40244	10.714	0.037	8.772	0.012		1.611	0.031	T	1.63	0.03	L	8.6975	0.0015	0.019	170		8.66	8.73					1	S						
40245	9.800	0.024	8.333	0.012		1.236	0.021	T	1.19	0.02	L	8.3588	0.0012	0.014	95		8.34	8.39		C			1							
40246	7.798	0.007	7.625	0.007		0.166	0.009	T	0.18	0.01	L	7.6629	0.0013	0.013	144		7.64	7.69		C			1							S
40247	10.869	0.069	9.450	0.033		1.198	0.060	T	1.16	0.06	L	9.4891	0.0032	0.018	58		9.45	9.52		C			1							
40248	9.087	0.016	9.034	0.020		0.030	0.020	G	0.05	0.02	H	9.0872	0.0023	0.024	98		9.04	9.12					1							
40249	9.896	0.023	8.846	0.016		0.912	0.021	T	0.91	0.01	L	8.9167	0.0018	0.018	123		8.89	8.95		C			1							
40250	7.472	0.006	7.611	0.008		−0.120	0.015	G	−0.11	0.02	H	7.6019	0.0017	0.015	158		7.58	7.63					1							S
40251	7.046	0.005	7.142	0.006		−0.083	0.007	T	−0.06	0.01	L	7.1353	0.0006	0.007	128		7.12	7.15		C			1							S
40252	7.662	0.008	7.354	0.009	A	0.312	0.015	G	0.28	0.02	L *	7.2700	0.0008	0.008	148	*	7.25	7.29		D	08133−2418	I 1	2 C	A	AB	259	1.316	0.005	1.56	0.02	S
40253	9.054	0.015	8.592	0.015		0.435	0.015	G	0.50	0.02	H	8.6298	0.0016	0.016	82		8.61	8.67		C			1	G						
40254	8.777	0.018	8.716	0.022		0.070	0.015	G	0.08	0.02	H	8.7370	0.0015	0.011	71		8.72	8.77		C			1							G
40255	7.146	0.005	7.286	0.007		−0.120	0.007	T	−0.11	0.01	L	7.2807	0.0009	0.010	152		7.26	7.29					1							S
40256	9.625	0.025	9.181	0.024		0.419	0.032	T	0.49	0.03	L	9.2105	0.0022	0.016	70		9.18	9.25					1							
40257	8.499	0.008	8.518	0.011		−0.010	0.015	G	0.01	0.01	H	8.5226	0.0015	0.017	164		8.49	8.56		C			1							
40258	8.233	0.012	8.024	0.013		0.200	0.017	T	0.22	0.02	L	8.0620	0.0012	0.011	89		8.04	8.09		C			1							S
40259	6.349	0.004	5.109	0.003		1.066	0.025	G	1.02	0.01	G	5.1622	0.0008	0.006	86		5.15	5.17					1							S
40260	8.414	0.010	8.330	0.012		0.076	0.014	T	0.09	0.01	L	8.3586	0.0018	0.013	113		8.33	8.38		C			1							
40261	9.144	0.011	8.875	0.012		0.256	0.015	T	0.29	0.02	L	8.9214	0.0021	0.025	190		8.88	8.96		U			1							S
40262	7.351	0.005	6.874	0.005		0.449	0.006	T	0.52	0.01	L	6.9371	0.0007	0.007	147		6.93	6.95		C			1							S
40263	7.629	0.008	6.573	0.004		0.918	0.005	G	0.90	0.02	A	6.6348	0.0009	0.007	85		6.62	6.65					1							S
40264	9.906	0.018	8.040	0.008		1.584	0.016	T	2.72	0.03	O	7.7567	0.0076	0.061	147		7.69	7.85		U 2			1	S						P
40265	7.621	0.006	7.535	0.008		0.078	0.009	T	0.09	0.01	L	7.5724	0.0014	0.015	152		7.55	7.60					1							S
40266	11.446	0.086	10.154	0.045		1.099	0.076	T	1.06	0.08	L	10.2387	0.0046	0.027	60		10.18	10.28					1	X S						G
40267						0.629	0.126	G	0.70	0.11	R	11.3253	0.0047	0.028	99		11.27	11.37					1							G
40268	7.144	0.007	7.310	0.007		−0.143	0.009	T	−0.14	0.01	L	7.2890	0.0013	0.012	152		7.27	7.31					1							S
40269						1.214	0.005	G	1.17	0.01	I	11.2475	0.0051	0.050	123		11.18	11.33		C			1	S						G
40270	9.296	0.021	7.994	0.013		1.107	0.019	T	1.07	0.02	L	8.0036	0.0016	0.011	47		7.99	8.02		D			1							S
40271	11.039	0.068	9.276	0.024		1.469	0.057	T	1.48	0.09	L	9.2416	0.0031	0.022	82		9.20	9.27					1							
40272						1.620	0.020	G	2.65	0.05	I	12.0701	0.0089	0.094	116		11.88	12.23		D				S						D G
40273	6.795	0.005	6.822	0.007		−0.027	0.003	G	−0.01	0.00	H	6.8347	0.0009	0.008	84		6.82	6.85		C			1							S
40274	4.608	0.006	4.758	0.008		−0.110	0.140	G	−0.01	0.02	A	4.7332	0.0079	0.084	158		4.58	4.81		U 2			1							S P
40275	8.846	0.012	8.434	0.012	A	0.400	0.495	G	0.47	0.04	L *	8.3288	0.0013	0.011	107	*	8.31	8.35		D	08135−6229	I 1	2 C	A	AB	225	1.162	0.004	0.92	0.02	
40276	10.426	0.040	8.608	0.016		1.513	0.034	T	1.55	0.05	L	8.5757	0.0025	0.021	107		8.54	8.61					1							
40277	7.865	0.011	7.812	0.012		0.054	0.015	T	0.07	0.01	L	7.8203	0.0078	0.154	164		7.77	8.94	2.19	P 1 A			1							
40278	9.281	0.015	8.841	0.015		0.415	0.020	T	0.48	0.02	L	8.8993	0.0016	0.015	99		8.88	8.92		C			1							
40279	8.839	0.010	7.729	0.007		0.957	0.009	T	0.94	0.01	L	7.7800	0.0013	0.016	165		7.76	7.80					1							
40280	7.871	0.010	7.332	0.011	A	0.539	0.036	G	0.61	0.04	H *	7.2899	0.0013	0.011	76	*	7.27	7.31		R	08136+1051	I 1	2 C	A	AB	308	2.632	0.016	2.12	0.03	S
40281	8.772	0.014	7.601	0.009		1.004	0.013	T	0.98	0.01	L	7.6542	0.0009	0.009	73		7.64	7.67		C			1							S
40282	7.663	0.007	5.715	0.004		1.651	0.007	T	1.93	0.03	O	5.6111	0.0023	0.018	118		5.59	5.65		U 2			1							S
40283	7.457	0.005	6.781	0.004		0.618	0.004	G	0.69	0.00	H	6.8271	0.0009	0.010	173		6.81	6.84			08136−3144	I 1	1							S
40284	8.333	0.015	7.443	0.011	*	0.792	0.014	T	0.82	0.01	L *	7.4751	0.0015	0.009	77	*	7.46	7.49		D	08136+1023	I 1	2 C	A	AB	293	0.799	0.006	1.52	0.02	S
40285	4.952	0.002	5.114	0.003		−0.139	0.003	G	−0.13	0.02	A	5.0877	0.0014	0.010	107		5.07	5.11	4.82	P 1 A	08136−4659	I 1	1							S
40286	10.546	0.033	9.711	0.026		0.751	0.032	T	0.79	0.02	L	9.7759	0.0029	0.027	125		9.72	9.81					1							G
40287	8.486	0.014	8.463	0.017	A	0.021	0.019	T	0.04	0.01	L	8.4797	0.0072	0.016	83	A	8.46	8.51		C	08136−1707	I 1	2 C	A	AB	88	11.142	0.015	2.60	0.08	
40288	8.593	0.009	8.093	0.009		0.470	0.012	T	0.54	0.01	L	8.1451	0.0010	0.016	147		8.12	8.18					1							S
40289	10.175	0.039	8.458	0.018		1.430	0.015	G	1.42	0.02	H	8.4157	0.0018	0.014	59		8.39	8.45		C			1							
40290											T	11.8605	0.0060	0.057	103		11.76	11.94					1							G
40291	7.874	0.006	6.505	0.004		1.141	0.002	G	1.08	0.04	E	6.5541	0.0007	0.009	154		6.54	6.57		C	08137−3334	I 1	1							S
40292	9.604	0.018	9.526	0.023		0.070	0.026	T	0.08	0.03	L	9.5681	0.0022	0.020	103		9.53	9.60		C			1							
40293	6.710	0.006	6.572	0.006		0.116	0.008	G	0.13	0.01	H	6.6040	0.0007	0.005	53		6.59	6.61					1							S
40294	10.626	0.036	10.180	0.039		0.421	0.049	T	0.49	0.05	L	10.2835	0.0033	0.027	121		10.25	10.34		C			1							G
40295	10.281	0.036	8.770	0.017		1.271	0.031	T	1.23	0.03	L	8.7941	0.0021	0.018	97		8.76	8.82					1							
40296	8.886	0.009	8.836	0.011		0.070	0.015	G	0.08	0.02	H	8.8511	0.0014	0.018	185		8.82	8.89					1							
40297	8.814	0.015	8.245	0.014	*	0.536	0.016	T	0.61	0.02	L *	8.1640	0.0007	0.009	55	*	8.15	8.18		D	08138+0159	I 1	2 C	A	AB	14	0.969	0.003	0.58	0.02	S
40298	9.217	0.015	8.477	0.012		0.676	0.015	G	0.74	0.01	H	8.5544	0.0017	0.016	104		8.52	8.58			08139+6306	I 1	1							S
40299	6.277	0.004	6.461	0.005		−0.159	0.006	T	−0.16	0.01	L	6.4373	0.0007	0.008	104		6.42	6.45					1							S
40300	9.139	0.012	9.190	0.016	A	0.500	0.495	G	−0.01	0.03	L *	9.1073	0.0017	0.021	148	*	9.08	9.15		D	08138−4128	I 1	2 C	A	AB	257	2.135	0.009	1.69	0.06	

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
40301		08 13 46.75	+66 15 21.1	8.73		H	123.444 780 13	+66.255 858 31		7.62	26.06	−46.30	0.95	0.88	1.27	1.03	1.05	+11	+15	−22	+51	+4	+5	+9	+23	+3	+28	0	−0.47
40302		08 13 47.72	−05 37 25.9	8.95		G	123.448 819 55	−05.623 864 27		4.23	−0.03	0.32	1.05	0.88	1.37	1.28	1.14	−24	+14	−15	+19	+4	−19	+0	+31	−14	−19	0	−0.50
40303		08 13 49.23	−32 19 09.9	9.07		H	123.455 127 59	−32.319 427 75		0.41	−0.34	3.30	0.79	0.87	1.17	0.90	0.78	−7	−14	+1	+5	+17	+8	+17	−34	−8	−2	0	1.12
40304		08 13 49.94	+01 15 24.7	8.13		H	123.458 093 86	+01.256 869 09		5.73	−7.09	−8.71	1.28	0.69	1.22	1.41	0.89	−37	+44	−14	+22	−29	−24	−39	+36	−12	−28	0	1.61
40305		08 13 50.20	+56 27 08.3	5.88		G	123.459 160 37	+56.452 318 27		6.59	−21.44	−29.59	0.48	0.44	0.73	0.67	0.71	−34	+18	−2	−20	−16	+9	−21	+5	+9	−20	1	0.45
40306		08 13 50.61	+22 16 47.0	8.78		G	123.460 884 17	+22.279 714 79		3.23	−8.54	−10.62	1.17	0.89	1.44	1.36	1.27	−34	+25	−21	−11	+11	−5	−1	+2	−43	−22	0	−0.12
40307		08 13 50.74	−35 12 29.7	6.91		H	123.461 415 19	−35.208 237 49		5.24	3.18	−13.10	0.43	0.48	0.63	0.46	0.54	+12	+3	+15	+1	+0	+1	−2	−12	−3	−3	0	−1.00
40308		08 13 51.89	+06 18 11.9	7.65		H	123.466 202 58	+06.303 312 82		4.09	−6.13	−13.21	0.92	0.55	1.01	1.05	0.83	−26	+28	−26	−20	+8	−22	+2	+13	−16	−30	0	1.51
40309		08 13 52.64	−47 12 42.3	8.29		G	123.469 331 17	−47.211 740 91		3.29	−4.59	8.56	0.64	0.62	0.79	0.75	0.60	+4	−13	+22	−4	−8	+16	−13	−18	+24	+10	0	−0.68
40310		08 13 53.14	−57 46 05.9	8.33		H	123.471 431 43	−57.768 312 12		3.53	−9.88	1.49	0.58	0.55	0.62	0.63	0.58	+1	+12	+8	−3	−1	+3	+0	+0	+9	−2	1	1.09
40311		08 13 53.52	+27 46 43.0	7.78		G	123.472 996 44	+27.778 611 71		4.83	−9.55	−8.99	0.90	0.57	1.03	1.05	0.65	−53	+26	−2	−12	−4	−19	−2	−14	+13	−76	0	2.23
40312		08 13 53.77	+07 43 57.9	7.73		H	123.474 056 69	+07.732 757 26		3.80	−9.48	−4.49	1.00	0.48	1.05	1.12	0.75	−15	+42	−15	−24	−2	−30	−14	+35	−3	+2	0	0.92
40313		08 13 54.15	−56 44 24.9	10.05		H	123.475 619 77	−56.740 239 71		16.92	−66.33	1.70	0.92	0.96	1.03	0.98	0.91	−2	+5	+14	+8	+1	+6	+0	−19	+4	−4	0	1.77
40314		08 13 54.24	+61 34 04.8	10.67		H	123.476 006 50	+61.568 009 80		5.89	27.14	−65.52	1.18	1.10	1.85	1.24	1.31	−9	+21	−9	+3	+16	−9	+21	−25	+7	+3	0	0.80
40315		08 13 54.54	−43 37 08.5	9.41		H	123.477 251 58	−43.619 035 33		1.68	2.40	12.22	0.84	0.81	1.03	0.94	0.85	+4	+10	+14	+10	+4	+20	+0	−12	−1	−6	1	−1.18
40316	H	08 13 55.89	−37 40 42.5	8.16		H	123.482 862 96	−37.678 484 02	A	1.50	−9.47	8.18	0.86	0.98	1.09	0.83	0.97	−3	+3	+3	−12	−10	−7	−10	−2	+0	−18	1	0.50
40317		08 13 57.11	−04 03 12.6	9.58		H	123.487 961 22	−04.053 497 09		12.18	−0.73	2.00	1.16	0.95	1.55	1.37	1.22	−20	+1	−25	+0	+7	−28	+3	+35	−12	−21	0	0.41
40318		08 13 57.13	−50 18 44.4	7.80		G	123.488 027 13	−50.312 340 55		4.54	−98.47	26.35	0.62	0.57	0.69	0.72	0.61	+3	+20	+0	−5	+1	−14	+2	−5	+4	−1	3	0.57
40319	H	08 13 57.71	+39 02 18.2	8.57		H	123.490 441 63	+39.038 376 73	A	2.79	−12.27	−18.46	2.75	1.26	1.80	2.18	1.45	−8	+1	−4	+8	−3	−4	−4	+15	+12	−19	1	−0.24
40320		08 13 58.08	−44 45 03.7	7.40		H	123.491 980 82	−44.751 025 75		4.08	−46.98	45.35	0.53	0.53	0.65	0.75	0.56	+8	+9	+4	−4	−3	−12	−1	−18	+21	−3	0	−1.43
40321		08 13 58.32	−36 19 20.3	5.09		G	123.492 991 97	−36.322 299 77		2.77	−8.66	7.89	0.38	0.43	0.54	0.43	0.48	+9	+1	+6	+2	+3	+2	+4	+6	+5	−6	0	−0.18
40322		08 13 58.43	−10 01 55.7	8.53		H	123.493 444 28	−10.032 126 22		3.00	−4.33	−2.69	0.96	0.77	1.17	1.17	0.99	−22	+27	−30	+21	−10	−3	−12	+38	−2	−12	0	0.74
40323		08 13 58.70	−04 39 18.5	8.86		G	123.494 570 28	−04.655 130 60		6.70	13.12	−6.52	0.91	0.72	1.32	1.13	0.90	−9	+10	−35	+14	+21	−39	+4	+37	−34	+14	0	0.53
40324		08 13 58.71	−36 20 26.9	6.11		G	123.494 605 07	−36.340 795 27		2.20	−7.21	7.69	0.38	0.44	0.55	0.43	0.49	+5	+3	+3	−3	+4	+1	+4	+1	+4	−8	0	0.20
40325		08 14 02.79	+21 40 04.7	9.32		H	123.511 614 56	+21.667 971 51		0.83	1.40	−1.08	1.35	1.08	1.61	1.60	1.50	−29	−4	−28	−27	+27	−6	+28	−26	−34	−29	0	0.31
40326		08 14 02.89	−40 20 51.8	4.42		H	123.512 029 67	−40.347 730 28	+	10.50	44.84	−65.79	0.58	0.82	0.52	0.43	0.43	+31	−4	+4	−14	+7	+18	−12	−31	−4	−12	0	−0.97
40327		08 14 03.23	+19 40 36.7	8.38		H	123.513 458 77	+19.676 872 20		5.64	−11.10	−21.67	1.30	0.81	1.31	1.40	1.13	+10	−8	−24	−42	−9	−23	−11	−12	−8	−20	0	0.91
40328		08 14 03.80	−36 57 08.0	7.14		H	123.515 845 18	−36.952 217 64		0.92	−5.31	4.78	0.43	0.48	0.61	0.49	0.53	+8	+14	+1	−1	+0	−2	+1	+2	+10	−4	0	1.42
40329	H	08 14 04.68	−25 42 42.4	8.93		H	123.519 483 84	−25.711 776 95	A	1.50	−6.87	4.32	1.24	1.29	1.98	1.23	1.20	+21	+13	+19	+10	+30	−2	+24	+10	−11	+33	2	−0.41
40330		08 14 05.12	−44 34 33.1	6.56	2	T	123.521 352 20	−44.575 868 46		9.99	26.34	30.38	0.45	0.43	0.53	0.54	0.44	+12	+3	+7	+12	+0	+4	−2	−13	+14	+4	0	0.68
40331		08 14 05.29	+12 16 08.8	9.33		H	123.522 021 81	+12.269 099 81		4.55	−5.17	−6.12	1.25	0.75	1.39	1.58	1.04	+1	+18	−24	−26	−1	−46	−16	+20	−12	+6	2	0.27
40332		08 14 05.90	+44 43 25.3	9.69		H	123.524 592 71	+44.723 695 92		6.43	2.07	−23.19	1.47	0.87	1.68	2.28	1.49	+4	+33	−11	+10	−5	+12	−5	+12	+1	+27	0	−1.04
40333		08 14 07.53	−46 38 41.5	8.18		H	123.531 381 59	−46.644 857 04		4.66	−24.98	17.53	0.76	0.73	0.90	0.84	0.70	+6	−2	+21	−26	−4	+5	−6	−29	+24	+0	0	0.87
40334		08 14 07.69	−61 26 32.0	7.71		H	123.532 050 31	−61.442 212 75		5.22	−27.63	53.25	0.57	0.52	0.59	0.66	0.61	−6	−6	+6	+17	+3	+9	−4	−14	+9	−24	0	0.12
40335		08 14 08.75	+87 41 32.7	9.13		H	123.536 475 79	+87.692 425 18		5.63	−33.49	−36.86	0.76	0.66	0.84	0.91	0.70	+9	+12	−18	+8	+9	−13	+4	+23	−8	+25	0	−0.18
40336		08 14 08.90	−49 14 04.0	8.21		G	123.537 078 44	−49.234 444 20		1.81	−9.89	3.69	0.63	0.66	0.76	0.78	0.62	+7	+10	+20	+8	−5	+20	−7	−15	+7	+1	3	−0.20
40337		08 14 10.08	+79 43 47.7	10.75		G	123.541 996 52	+79.729 903 82		12.02	−98.40	−155.86	1.11	1.09	1.50	1.29	1.43	+6	+22	−2	+12	−7	+5	−3	−17	−6	+27	3	0.80
40338		08 14 10.32	+37 45 15.8	8.76		H	123.543 001 10	+37.754 385 69		18.13	−21.63	17.59	1.17	0.60	1.32	1.65	0.97	−5	+29	−1	−13	−8	+15	−13	+0	−19	−15	0	−0.29
40339		08 14 10.35	−65 54 58.1	8.28		H	123.543 141 60	−65.916 148 90		2.91	−4.88	1.43	0.59	0.64	0.70	0.55	0.72	+7	+17	−2	−21	−11	−14	−9	−27	+32	−21	0	0.14
40340		08 14 10.91	−34 47 29.8	8.32		H	123.545 476 39	−34.791 616 73		3.30	−24.38	66.80	0.58	0.67	0.85	0.63	0.69	+7	+10	+11	+4	+0	+9	−3	−20	+4	−3	0	0.37
40341		08 14 11.04	−32 08 26.6	6.07		H	123.545 996 73	−32.140 727 55		2.07	−7.01	6.79	0.37	0.42	0.58	0.44	0.41	+1	−1	+11	−7	+19	+4	+15	−25	−3	−2	0	0.94
40342		08 14 11.14	+17 40 33.3	6.47		G	123.546 420 43	+17.675 919 54		9.91	0.89	14.75	0.98	0.66	1.05	1.01	0.72	+1	+23	−44	−39	−7	−27	−22	+5	−9	+2	3	3.03
40343		08 14 13.12	−24 55 56.8	7.75	1	G	123.554 646 18	−24.932 457 38		9.99	−1.39	−19.03	0.47	0.52	0.85	0.49	0.60	+11	+3	−3	+27	+19	−2	+24	−5	−4	+19	0	−0.11
40344		08 14 13.29	−35 29 24.3	5.77		H	123.555 372 15	−35.490 072 15		14.38	−46.16	21.91	0.37	0.42	0.53	0.40	0.47	+12	−3	+4	+3	+1	+2	−1	−10	−1	−3	0	−1.93
40345		08 14 15.63	−31 57 11.1	8.72		G	123.565 114 58	−31.953 075 70		3.49	4.89	−14.00	0.67	0.80	1.09	0.81	0.80	+3	−7	−4	+11	+22	+6	+18	−21	−14	−1	0	−1.32
40346		08 14 16.10	−49 02 58.1	8.36		H	123.567 083 89	−49.049 470 21		4.14	−14.71	6.34	0.69	0.71	0.83	0.86	0.67	+8	+13	+27	+17	−1	+11	−3	−11	+14	+0	1	−0.44
40347		08 14 16.31	+68 55 22.2	11.09		H	123.567 941 40	+68.922 823 23		6.23	16.48	−305.11	1.37	1.82	2.72	1.68	2.36	+46	+10	+6	−4	−21	+2	−23	+5	+1	+49	2	0.02
40348		08 14 17.03	−05 54 00.6	8.19		H	123.570 972 07	−05.900 174 33		1.23	0.72	1.47	0.81	0.73	1.14	1.03	0.94	−29	+4	−20	+6	+4	−31	−3	+28	−21	−18	0	−0.43
40349		08 14 17.16	+33 33 15.0	7.97		H	123.571 490 04	+33.554 153 00		7.83	46.80	−75.47	0.91	0.56	1.09	1.17	0.72	−4	+1	−25	−13	+0	−26	−6	−11	+5	−27	0	0.22
40350	H	08 14 18.39	−43 41 39.8	8.49		H	123.576 624 29	−43.694 393 55	A	10.28	35.19	28.21	1.80	1.75	1.74	1.57	1.28	+4	+13	+12	+6	+1	+18	−2	−26	+1	−1	9	2.51
40351		08 14 18.77	+08 34 24.7	12.14	3	H	123.578 205 68	+08.573 522 31		7.05	−11.45	−6.08	3.84	2.39	9.88	12.81	4.05	−30	−49	+52	+56	−49	−94	−36	+67	+66	−59	5	1.18
*40352		08 14 20.28	+45 34 31.6	9.35		H	123.584 503 74	+45.575 452 34		3.39	−19.66	−11.97	1.37	0.90	1.42	1.86	1.40	+21	+25	−7	+32	+27	−12	+30	+27	+12	+23	0	0.83
*40353		08 14 20.21	−50 21 57.9	8.82		H	123.584 205 24	−50.366 080 59		2.16	−7.77	4.18	0.69	0.65	0.78	0.75	0.65	+6	+22	+9	−2	−2	−14	−1	−2	+0	−1	1	1.72
40354		08 14 21.01	+13 02 54.0	6.39		H	123.587 524 79	+13.048 340 17		4.20	−18.85	−18.35	1.03	0.58	1.01	1.15	0.74	+8	+30	−26	−34	−16	−27	−30	+20	−9	+19	3	−0.94
40355		08 14 21.67	−16 11 08.7	8.66		G	123.590 302 39	−16.185 738 98		1.98	−8.60	0.67	0.80	0.75	1.17	0.89	0.92	−20	+35	−28	−4	−4	−7	−11	+12	−13	−9	0	0.09
40356		08 14 23.85	+75 50 05.5	8.25		H	123.599 361 45	+75.834 866 88		2.51	−1.15	−23.34	0.60	0.69	0.88	0.67	0.74	+8	+16	−7	+2	+20	−6	+18	−12	−8	+15	0	−0.65
40357		08 14 23.88	−45 50 04.4	5.86		H	123.599 493 00	−45.834 548 42		3.61	−8.83	10.71	0.43	0.44	0.53	0.52	0.45	+5	−3	+0	−12	−4	−5	−6	−31	+29	−4	0	2.06
40358		08 14 23.98	−03 49 47.5	7.62		H	123.599 915 98	−03.829 873 88		3.48	−15.62	−15.85	0.75	0.65	1.11	0.94	0.78	−9	+8	−45	+22	+35	−35	+20	+37	−35	+10	0	0.13
40359	H	08 14 24.98	−53 48 22.9	10.19		H	123.604 072 99	−53.806 370 55	A	27.50	57.45	−8.29	2.83	2.50	2.65	3.17	2.52	−1	+11	−10	+20	−1	−1	−2	−8	+13	−1	1	−0.13
40360	H	08 14 25.37	−61 39 34.6	9.34		H	123.605 692 87	−61.659 607 54	A	3.99	−16.45	22.50	1.57	1.52	1.52	1.75	1.80	−7	−10	+4	−6	+1	+8	−4	−17	+4	−27	4	0.76
40361		08 14 27.05	+20 42 28.1	6.93		G	123.612 687 99	+20.707 815 61		7.17	2.51	−5.51	0.89	0.64	1.10	1.05	1.05	−21	−20	−3	−14	+23	−14	+30	−22	−48	−22	0	1.79
40362		08 14 28.13	−05 42 16.2	9.47		G	123.617 194 20	−05.704 488 68		1.75	−2.05	3.05	1.11	1.02	1.58	1.36	1.23	−34	+18	−25	+6	+5	−29	−7	+30	−20	−16	0	0.84
40363		08 14 28.75	−56 45 23.8	8.05		H	123.619 799 39	−56.756 605 37		5.16	5.92	−12.86	0.55	0.54	0.60	0.56	0.51	−1	+1	+15	+8	−2	+8	−4	−17	+10	−3	0	0.37
40364		08 14 28.92	+33 56 37.8	7.55		H	123.620 510 80	+33.943 836 45		3.67	−12.75	−23.53	0.87	0.51	0.99	1.18	0.72	−10	+8	−19	−18	−23	−16	−23	+11	−1	−26	0	1.46
40365		08 14 29.27	−58 21 46.9	9.08		H	123.621 942 69	−58.363 037 60		0.33	18.58	11.46	0.68	0.67	0.74	0.72	0.65	+0	+1	+17	−17	−8	−7	−5	−2	+0	−7	1	−0.48
40366		08 14 29.66	−40 49 33.2	6.62		H	123.623 586 73	−40.825 880 88		3.40	−13.36	3.30	0.43	0.43	0.54	0.47	0.47	−1	−9	+8	−8	+0	+11	−2	−18	−4	−11	0	0.39
40367		08 14 29.94	−38 30 31.7	7.85		H	123.624 766 52	−38.508 802 97		3.29	−15.31	24.40	0.51	0.52	0.67	0.53	0.56	+0	+1	+3	+19	−8	+8	−10	−8	+6	−7	0	0.39
40368		08 14 30.33	+58 57 27.3	8.52		H	123.626 391 70	+58.957 570 61		0.52	−2.11	−5.50	0.80	0.71	1.11	0.95	0.76	−15	+14	−10	−45	+2	−8	+1	−47	+7	+37	1	0.75
40369		08 14 31.01	+41 36 34.2	9.66		H	123.629 226 27	+41.609 493 99		4.93	12.97	−14.92	1.37	0.83	1.57	1.86	1.44	+2	+33	−5	+22	−13	+16	−11	+27	+9	−3	0	0.04
40370		08 14 31.40	−27 25 00.5	8.45		H	123.630 828 90	−27.416 807 78		0.45	−3.75	3.25	0.48	0.65	1.00	0.50	0.60	−3	−16	+6	−7	+15	+5	+13	−25	−5	−3	0	0.94
40371		08 14 31.53	−45 12 50.6	8.28		G	123.631 371 81	−45.214 067 06		2.52	−9.45	5.37	0.63	0.59	0.75	0.78	0.67	+7	+10	+2	−17	−6	−15	−2	−19	+26	−9	0	0.26
40372		08 14 31.98	+10 11 17.9	7.32		H	123.633 239 12	+10.188 300 98		5.53	−13.30	3.27	0.96	0.56	1.07	1.17	0.88	−18	+21	−25	−26	+0	−33	−20	+41	−19	+0	0	0.70
40373		08 14 33.66	−27 45 46.8	8.58		H	123.640 254 09	−27.762 993 59		1.83	−1.32	2.70	0.44	0.65	1.02	0.50	0.63	+2	−3	+11	−22	+8	+5	+7	−21	−3	−2	0	0.29
40374		08 14 35.43	−34 39 56.9	11.70	2	H	123.647 623 83	−34.665 800 57		0.54	−20.54	−10.99	1.62	1.80	2.39	1.83	1.82	+5	+1	+12	−10	+1	+17	−1	−15	+11	+2	2	1.32
40375		08 14 36.17	+13 01 21.3	8.79		H	123.650 692 93	+13.022 589 43		54.53	−422.98	96.96	1.33	0.67	1.26	1.37	0.95	+0	+31	−17	−47	−18	−39	−32	+25	−16	+4	2	1.61
40376		08 14 39.03	+01 09 26.6	7.48		H	123.662 628 96	+01.157 385 49		7.18	4.18	1.61	0.95	0.66	1.01	1.30	0.88	−33	+24	+0	+17	−39	−29	−37	+49	+7	−34	0	1.74
*40377	H	08 14 39.62	−66 16 12.4	9.33		H	123.665 090 51	−66.270 111 17	A	4.40	−67.89	−8.67	2.40	2.16	2.06	2.24	1.93	+6	+25	+6	−37	−14	−22	−9	−28	+13	−14	2	1.24
*40378		08 14 39.26	+26 43 48.4	8.08		H	123.663 589 82	+26.730 107 92		5.10	37.41	−43.42	1.00	0.65	1.10	1.07	0.68	−57	+29	−21	−19	+1	−10	+3	−20	+9	−75	0	0.11
*40379		08 14 39.41	−41 39 14.1	13.49		H	123.664 195 94	−41.653 924 05		−40.06	11.79	5.47	18.60	20.54	24.14	20.59	21.63	−5	−4	+4	−5	+3	−3	+2	−15	+3	−14	0	
40380		08 14 39.72	+62 56 11.4	9.34		H	123.665 485 43	+62.936 507 98		12.72	−27.62	−29.96	1.13	0.82	1.34	1.30	1.09	−4	+11	−1	−23	+3	+20	+5	−28	+9	+17	0	−0.44
40381		08 14 39.82	−25 59 58.6	8.11		H	123.665 919 15	−25.999 615 51		3.79	−10.84	1.38	0.52	0.55	0.93	0.54	0.55	+31	−7	−2	+9	+19	+13	+21	−14	+16	+48	0	−0.38
40382		08 14 39.88	−58 09 50.4	8.11		H	123.666 175 35	−58.163 990 77		3.46	−18.78	−4.76	0.57	0.52	0.60	0.65	0.51	−2	+8	+16	−5	−5	−6	−3	−5	+5	−10	0	−1.54
40383		08 14 40.24	+47 17 33.6	8.27		H	123.667 655 95	+47.292 655 57		9.06	−49.16	−86.14	1.14	0.62	1.21	1.91	1.06	+15	+18	−22	−3	−12	+26	−6	+4	+15	+37	0	−1.76
40384	H	08 14 40.76	+33 10 42.9	9.09		H	123.669 827 66	+33.178 586 07	A	8.40	49.89	−2.80	2.09	1.01	2.13	2.71	1.43	+7	+34	−8	+10	+11	−14	+1	+29	−5	+19	1	−0.77
40385		08 14 42.45	−49 58 59.6	8.88		H	123.676 892 88	−49.983 224 19		1.84	−8.70	3.43	0.76	0.68	0.84	0.89	0.70	+5	+18	+14	−12	−11	−11	−5	−1	+10	−7	0	0.38
40386	H	08 14 42.71	−73 48 26.2	6.64		G	123.677 942 95	−73.807 280 56	A	8.67	−33.91	42.47	1.20	1.01	0.96	0.94	0.86	+3	+22	+7	−22	−2	−4	+1	−6	+7	−12	0	1.22
40387		08 14 43.39	+27 09 47.5	8.68	2	H	123.680 785 44	+27.163 183 18		2.12	1.77	2.73	1.90	1.22	2.06	2.28	1.42	−58	+25	−6	−26	+6	−19	+10	−22	+14	−80	0	
40388		08 14 43.54	+24 44 05.4	8.56	3	H	123.681 407 13	+24.734 842 16		2.95	−1.69	−10.81	1.11	0.82	1.23	1.22	0.95	−23	+36	−33	−22	−2	−24	−10	+13	−3	−16	0	−0.42
40389		08 14 45.61	−39 45 41.1	9.12		H	123.690 056 43	−39.761 411 55		2.91	−6.43	9.86	0.64	0.75	0.89	0.65	0.75	+4	+15	+12	+3	−1	+5	−4	−25	+6	−12	1	−0.71
40390		08 14 47.05	+62 02 11.9	8.73		H	123.696 044 31	+62.036 642 44		2.85	1.26	−0.30	0.75	0.66	1.08	0.72	0.81	−8	+22	−2	+19	+13	−4	+25	−18	+11	+12	0	1.09
40391		08 14 47.80	−70 49 29.5	8.89		G	123.699 168 10	−70.824 861 47		1.89	−10.83	10.83	0.84	0.75	0.86	0.92	0.76	+3	+34	+6	−16	−12	−3	−6	−19	+11	−22	0	−0.25
40392		08 14 48.20	−45 49 17.8	8.41		G	123.700 825 16	−45.821 613 81		3.92	−15.31	31.15	0.72	0.74	0.87	0.87	0.82	+3	+0	+12	−21	−1	−6	−2	−27	+21	−17	0	0.18
40393	H	08 14 49.02	+43 02 06.2	6.83		G	123.704 244 46	+43.035 067 81	A	4.80	−17.59	−33.35	1.09	0.67	1.13	1.71	1.05	−5	+10	−3	−3	−20	+12	−21	+12	+8	−8	1	0.42
40394		08 14 50.25	−38 24 45.7	9.21		H	123.709 357 33	−38.412 707 13		0.86	−2.90	3.58	0.78	0.84	1.05	0.80	0.83	−3	+1	+19	+23	−10	+5	−12	−6	+0	−6	0	−0.60
40395		08 14 50.31	+48 49 16.4	9.13		G	123.709 632 57	+48.821 224 14		3.76	−10.02	−25.92	1.12	0.73	1.29	1.94	1.33	+4	+15	−23	+16	−2	+13	+6	+6	+26	+37	0	−0.88
40396		08 14 50.52	−69 37 21.6	7.73		H	123.710 503 50	−69.622 667 98		5.82	−16.15	11.87	0.58	0.54	0.61	0.69	0.51	−6	+0	+20	+4	−3	+21	−8	−13	−2	−17	0	0.10
40397		08 14 51.25	−46 29 09.3	6.45	1	H	123.713 521 05	−46.485 910 91		2.45	−5.24	7.94	0.50	0.45	0.58	0.58	0.45	+9	−9	+3	−16	−11	+1	−12	−26	+31	+6	1	1.73
*40398		08 14 51.94	+31 17 38.8	9.35		H	123.716 413 79	+31.294 115 33		9.20	−41.27	−26.84	1.13	0.68	1.28	1.34	0.97	−9	+5	−2	−17	−10	−23	−10	+1	+2	−26	0	1.23
*40399	H	08 14 51.88	+20 17 06.3	9.77		H	123.716 184 75	+20.285 070 71	A	12.56	−104.25	21.37	4.49	3.09	3.88	4.33	4.05	−11	−8	−15	−35	+2	−13	+7	−10	−28	−23	2	−0.06
40400		08 14 52.40	+36 27 37.4	10.24		H	123.718 354 05	+36.460 400 03		−0.87	−0.45	1.76	1.73	0.98	1.95	2.16	1.54	−25	+47	−13	−25	+0	−18	−9	−24	−16	−8	0	2.15

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
40301	9.819	0.020	8.808	0.015		0.882	0.019	T	0.89	0.01	L	8.8847	0.0024	0.022	131		8.84	8.92				1							S
40302	8.945	0.018	8.885	0.023		0.070	0.015	G	0.08	0.02	H	8.9587	0.0020	0.018	68		8.92	8.99		C		1							G
40303	9.483	0.015	9.142	0.016		0.323	0.020	T	0.37	0.03	L	9.1530	0.0022	0.022	149		9.12	9.20				1							
40304	9.691	0.026	8.232	0.014		1.230	0.023	T	1.19	0.02	L	8.2884	0.0017	0.012	64		8.27	8.31		C		1	G						
40305	7.152	0.004	5.963	0.003		1.016	0.003	G	0.99	0.00	H	6.0318	0.0005	0.006	152		6.02	6.04		C		1							S
40306	9.308	0.021	8.782	0.020		0.460	0.020	G	0.53	0.02	H	8.8651	0.0015	0.015	62		8.84	8.88		D		1							
40307	7.886	0.007	7.005	0.006		0.786	0.007	T	0.82	0.01	L	7.0639	0.0011	0.011	159		7.05	7.08				1							S
40308	7.624	0.008	7.636	0.012		−0.016	0.002	G	0.01	0.00	H	7.6544	0.0012	0.009	74		7.64	7.67				1							S
40309	8.257	0.014	8.286	0.018		−0.034	0.015	G	−0.01	0.01	H	8.2850	0.0013	0.013	100		8.27	8.31				1							
40310	9.883	0.022	8.442	0.012		1.216	0.020	T	1.18	0.02	L	8.4913	0.0012	0.013	124		8.47	8.52		C		1							
40311	8.339	0.010	7.819	0.008		0.488	0.012	T	0.56	0.01	L	7.8842	0.0012	0.010	119		7.86	7.90		C	08139+2747	I 1	1						S
40312	7.752	0.007	7.707	0.009		0.046	0.011	T	0.06	0.01	L	7.7476	0.0014	0.010	95		7.73	7.76					1						S
40313	11.220	0.060	10.191	0.038		0.920	0.020	G	0.96	0.02	I	10.1933	0.0025	0.025	114		10.16	10.24		C			1						G
40314	11.494	0.074	10.646	0.054		0.761	0.069	T	0.80	0.05	L	10.8187	0.0036	0.032	123		10.75	10.88		C			1						G
40315	10.779	0.041	9.521	0.022		1.072	0.036	T	1.04	0.03	L	9.5765	0.0022	0.023	127		9.54	9.62					1						G
40316	8.934	0.019	8.136	0.021	*	0.723	0.022	T	0.77	0.02	L *	8.3073	0.0019	0.016	151	*	8.28	8.34		D	08139−3741	I 1	2 C	A	AB	5	2.975	0.008	2.13	0.03	
40317	10.422	0.041	9.660	0.034		0.695	0.042	T	0.75	0.04	L	9.7185	0.0023	0.015	74		9.69	9.74		C			1						
40318	9.010	0.013	7.907	0.009		0.960	0.015	G	0.95	0.01	H	7.9541	0.0013	0.012	114		7.93	7.97		C			1						
40319	9.653	0.019	8.662	0.014	*	0.867	0.018	T	0.88	0.01	L *	8.7234	0.0022	0.016	95	*	8.70	8.76			08140+3902	H 1	2 C	B	AB	269	0.433	0.045	2.95	0.21	
40320	8.849	0.011	7.535	0.007		1.116	0.010	T	1.08	0.01	L	7.5728	0.0010	0.009	131		7.56	7.59		C			1						
40321	4.831	0.002	5.049	0.003		−0.184	0.002	G	−0.19	0.02	A	5.0195	0.0005	0.007	144		5.01	5.03			08140−3620	I 2	1						S
40322	8.561	0.013	8.520	0.016		0.043	0.019	T	0.06	0.01	L	8.5484	0.0022	0.017	67		8.52	8.58		C			1	S					S
40323	9.453	0.020	8.880	0.019		0.518	0.015	G	0.59	0.02	H	8.9618	0.0016	0.014	79		8.93	8.99		C			1						
40324	5.874	0.004	6.060	0.004		−0.185	0.009	G	−0.17	0.02	A	6.0496	0.0007	0.008	143		6.04	6.06			08140−3620	I 2	1						S
40325	10.928	0.069	9.406	0.030		1.279	0.059	T	1.24	0.06	L	9.4735	0.0031	0.023	63		9.45	9.53		C			1						
40326	5.924	0.003	4.555	0.002		1.170	0.015	G	1.15	0.02	A	4.5868	0.0006	0.005	143		4.58	4.60			08140−4021	I 1	1 O						S
40327	9.971	0.032	8.528	0.017		1.217	0.028	T	1.18	0.03	L	8.5479	0.0015	0.013	52		8.53	8.58		C			1						
40328	6.996	0.005	7.116	0.005		−0.104	0.006	T	−0.09	0.01	L	7.1080	0.0012	0.011	141		7.09	7.12					1						S
40329	9.358	0.011	8.974	0.011	*	0.364	0.015	T	0.43	0.02	L *	9.0129	0.0022	0.030	225	*	8.97	9.07		D	08141−2543	I 1	2 C	A	AB	232	0.877	0.023	2.77	0.08	
40330	6.864	0.022	6.587	0.018		0.180	0.020	G	0.16	0.02	A	6.6315	0.0198	0.166	128		6.26	6.83	0.11	P 1 A			1						S P
40331	9.824	0.034	9.341	0.034		0.455	0.044	T	0.52	0.05	L	9.4304	0.0022	0.015	57		9.40	9.45		C			1						
40332	10.315	0.039	9.750	0.036		0.529	0.047	T	0.60	0.05	L	9.8084	0.0038	0.025	82		9.76	9.85					1						
40333	9.627	0.028	8.315	0.017		1.100	0.015	G	1.06	0.02	H	8.3451	0.0016	0.014	100		8.32	8.37		C			1						
40334	7.960	0.009	7.716	0.009		0.228	0.013	T	0.25	0.02	L	7.7780	0.0009	0.010	112		7.76	7.80		C			1						S
40335	9.500	0.019	9.131	0.020		0.350	0.026	T	0.41	0.04	L	9.2132	0.0023	0.022	132		9.17	9.25		C			1						
40336	8.115	0.008	8.214	0.011		−0.062	0.002	G	−0.04	0.00	H	8.1945	0.0015	0.015	121		8.17	8.22					1						
40337	11.667	0.099	10.786	0.068		0.713	0.004	G	0.76	0.00	H	10.9130	0.0034	0.034	156		10.85	11.00					1						G
40338	9.674	0.020	8.851	0.016		0.726	0.020	T	0.78	0.01	L	8.9009	0.0018	0.014	95		8.88	8.93		C			1						
40339	9.578	0.018	8.397	0.011		1.012	0.016	T	0.99	0.01	L	8.4430	0.0014	0.015	112		8.42	8.47		C			1						
40340	9.440	0.014	8.419	0.010		0.898	0.022	G	0.90	0.02	H	8.4836	0.0017	0.017	155		8.46	8.51					1						
40341	5.855	0.002	6.039	0.004		−0.159	0.004	T	−0.16	0.01	L	6.0167	0.0007	0.008	158		6.01	6.03			08142−3208	I 1	1						S
40342	6.847	0.007	6.505	0.005		0.331	0.009	T	0.32	0.03	C	6.5425	0.0006	0.005	49		6.54	6.56		D	08142+1741	I 1	1						S
40343	8.111	0.008	7.781	0.010		0.313	0.012	T	0.36	0.02	L	7.8405	0.0020	0.020	156		7.81	7.88		U			1						S
40344	7.101	0.004	5.888	0.003		1.024	0.003	G	1.01	0.02	A	5.9396	0.0006	0.006	160		5.93	5.96					1						S
40345	10.445	0.029	8.926	0.014		1.280	0.015	G	1.24	0.02	H	8.9065	0.0024	0.023	153		8.86	8.94					1						
40346	8.469	0.010	8.364	0.012		0.095	0.014	T	0.11	0.01	L	8.3977	0.0026	0.019	113		8.36	8.42					1						
40347	11.664	0.069	11.122	0.069		0.508	0.087	T	0.58	0.09	L	11.2010	0.0045	0.054	225		11.10	11.30					1	S					G
40348	9.600	0.024	8.305	0.014		1.140	0.015	G	1.10	0.02	H	8.3555	0.0020	0.014	78		8.33	8.37					1						
40349	9.426	0.015	8.096	0.009		1.129	0.014	T	1.09	0.01	L	8.1379	0.0015	0.015	113		8.11	8.16		C			1						S
40350	9.348	0.026	8.521	0.019	*	0.729	0.024	T	0.78	0.02	L *	8.6333	0.0025	0.020	127	*	8.60	8.71		D	08143−4342	I 1	2 C	A	AB	212	7.099	0.008	1.10	0.03	
40351						1.500	0.510	G	4.63	0.96	K	11.2498	0.0223	0.550	57		10.27	12.75		U 2			1						D P
40352	9.924	0.024	9.389	0.023		0.502	0.030	T	0.57	0.03	L	9.4605	0.0036	0.025	88		9.41	9.50					1						
40353	8.774	0.012	8.814	0.015		−0.042	0.015	G	−0.02	0.01	H	8.8193	0.0015	0.016	119		8.79	8.84					1						
40354	7.703	0.009	6.485	0.006		1.034	0.002	G	0.88	0.04	E	6.5499	0.0007	0.006	61		6.54	6.57			08143+1303	I 1	1						S
40355	8.933	0.015	8.663	0.016		0.226	0.013	G	0.25	0.01	H	8.7266	0.0019	0.016	84		8.69	8.75		C			1						
40356	8.589	0.008	8.278	0.009		0.281	0.015	G	0.32	0.02	H	8.3215	0.0015	0.017	156		8.29	8.35					1						S
40357	5.612	0.003	5.814	0.003		−0.176	0.004	T	−0.18	0.01	L	5.7926	0.0009	0.008	127		5.78	5.80			08144−4550	I 1	1						S
40358	9.361	0.019	7.762	0.010		1.340	0.017	T	1.30	0.02	L	7.7777	0.0017	0.012	75		7.76	7.80					1						S
40359	12.368	0.214	10.515	0.058	A						T *	10.3211	0.0036	0.031	113	*	10.27	10.37		D	08144−5348	H 1	2 C	A	AB	220	1.667	0.009	0.85	0.04	
40360	9.880	0.031	9.287	0.029	*	0.553	0.037	T	0.63	0.03	L *	9.4574	0.0022	0.019	110	*	9.42	9.50		D	08144−6140	I 1	2 C	A	AB	27	6.563	0.007	1.41	0.04	
40361	7.405	0.008	6.981	0.009		0.393	0.015	G	0.46	0.02	H	7.0250	0.0013	0.010	51		7.01	7.04					1						S
40362	10.779	0.069	9.581	0.036		1.040	0.015	G	1.01	0.01	H	9.6377	0.0028	0.022	79		9.60	9.68		C			1						G
40363	8.200	0.008	8.061	0.010		0.126	0.012	T	0.14	0.01	L	8.1013	0.0015	0.013	116		8.08	8.12		C			1						S
40364	9.258	0.012	7.687	0.006		1.318	0.011	T	1.28	0.01	L	7.7061	0.0015	0.011	120		7.68	7.73					1						S
40365	10.852	0.042	9.234	0.018		1.355	0.036	T	1.32	0.04	L	9.2327	0.0021	0.024	124		9.19	9.27		R			1	S					
40366	6.422	0.003	6.590	0.004		−0.148	0.000	G	−0.15	0.00	H	6.5717	0.0007	0.009	162		6.56	6.59		C			1						S
40367	8.005	0.007	7.868	0.008		0.132	0.010	T	0.15	0.01	L	7.9024	0.0013	0.014	144		7.87	7.92					1	S					S
40368	10.276	0.028	8.674	0.013		1.342	0.024	T	1.31	0.03	L	8.6719	0.0016	0.019	158		8.64	8.71		C			1						
40369	10.253	0.033	9.752	0.033		0.471	0.042	T	0.54	0.04	L	9.7671	0.0031	0.022	85		9.73	9.81		C			1						
40370	9.715	0.014	8.590	0.009		0.969	0.013	T	0.95	0.01	L	8.6201	0.0013	0.018	227		8.58	8.65					1						
40371	8.177	0.008	8.247	0.010		−0.069	0.015	G	−0.05	0.01	H	8.2659	0.0015	0.013	128		8.24	8.29					1						
40372	8.602	0.011	7.410	0.007		1.021	0.010	T	0.99	0.01	L	7.4866	0.0010	0.008	85		7.47	7.50					1						S
40373	8.458	0.006	8.567	0.008		−0.071	0.023	G	−0.05	0.02	H	8.5602	0.0012	0.020	256		8.53	8.60		C			1						
40374											T	11.8463	0.0051	0.060	155		11.73	11.95		U			1						G
40375	10.347	0.046	8.927	0.023		1.186	0.003	G	1.31	0.01	I	8.9085	0.0017	0.014	65		8.88	8.93		C			1						
40376	7.699	0.010	7.504	0.011		0.187	0.014	T	0.21	0.02	L	7.5445	0.0013	0.007	52		7.53	7.56		C			1						S
40377	9.983	0.034	9.197	0.027	*	0.698	0.033	T	0.75	0.03	L *	9.4683	0.0024	0.022	101	*	9.44	9.51		D	08147−6616	I 1	2 C	A	AB	262	4.068	0.005	0.42	0.03	
40378	9.236	0.013	8.172	0.009		0.922	0.012	T	0.92	0.01	L	8.2426	0.0012	0.011	145		8.22	8.26					1						S
40379											T	13.5751	0.1117	0.455	32		12.59	14.38					1 X						D P
40380	10.123	0.026	9.416	0.023		0.638	0.026	T	0.70	0.02	L	9.4739	0.0039	0.030	98		9.44	9.54					1						
40381	8.151	0.005	8.121	0.006		0.028	0.007	T	0.04	0.01	L	8.1318	0.0013	0.017	252		8.11	8.16					1						
40382	9.637	0.019	8.213	0.011		1.202	0.017	T	1.16	0.02	L	8.2740	0.0009	0.011	127		8.26	8.29		C			1						
40383	8.842	0.015	8.325	0.014		0.533	0.015	G	0.61	0.02	H	8.3828	0.0017	0.013	75		8.36	8.41		C			1						S
40384	9.974	0.027	9.209	0.022	A	0.700	0.495	G	0.77	0.04	L *	9.2332	0.0016	0.018	102	*	9.21	9.28		D	08147+3311	I 1	2 C	A	AB	246	1.161	0.035	2.56	0.08	
40385	8.883	0.012	8.873	0.015		0.010	0.017	T	0.03	0.02	L	8.8923	0.0017	0.017	114		8.87	8.92		C			1						
40386	6.950	0.007	6.713	0.007	*	0.212	0.002	G	0.23	0.00	H *	6.7026	0.0009	0.007	111	*	6.69	6.71		D	08147−7348	I 1	2 C	A	AB	285	0.849	0.002	0.21	0.01	S
40387	10.792	0.035	8.865	0.012		1.634	0.030	T	1.79	0.08	O	8.7813	0.0014	0.014	159		8.76	8.80		U	08147+2710	I 1	1 X								
40388	10.338	0.045	8.776	0.021		1.333	0.041	T	3.80	0.09	O	8.1185	0.0302	0.276	51		7.78	8.57		U 2			1	S							P
40389	9.345	0.014	9.137	0.017		0.199	0.021	T	0.22	0.02	L	9.1878	0.0021	0.020	145		9.15	9.22					1						
40390	8.967	0.013	8.770	0.015		0.188	0.019	T	0.21	0.02	L	8.7915	0.0015	0.016	122		8.76	8.83					1						S
40391	10.237	0.028	9.024	0.017		1.100	0.015	G	1.06	0.02	I	9.0823	0.0020	0.013	99		9.06	9.11		C			1						
40392	9.633	0.018	8.561	0.012		0.920	0.015	G	0.92	0.01	H	8.5582	0.0018	0.018	121		8.53	8.59					1						
40393	6.910	0.004	6.870	0.006	A	0.051	0.002	G	0.06	0.00	H *	6.8586	0.0012	0.007	86	*	6.85	6.87		D	08148+4302	I 1	2 C	A	AB	295	4.538	0.037	3.84	0.12	S
40394	10.846	0.039	9.338	0.018		1.268	0.034	T	1.23	0.04	L	9.3750	0.0022	0.022	145		9.33	9.41		C			1						
40395	9.425	0.018	9.160	0.020		0.265	0.015	G	0.30	0.02	H	9.1789	0.0024	0.019	85		9.15	9.22					1						
40396	7.788	0.007	7.724	0.009		0.058	0.010	T	0.07	0.01	L	7.7560	0.0013	0.011	102		7.74	7.78					1						S
40397	6.235	0.004	6.414	0.005		−0.149	0.001	G	−0.15	0.00	H	6.3980	0.0017	0.017	113		6.37	6.42		U 2			1						S
40398	10.024	0.024	9.393	0.022		0.587	0.028	T	0.66	0.03	L	9.4742	0.0019	0.018	108		9.44	9.50		C			1						
40399	11.153	0.092	10.198	0.059	A	1.200	0.495	G	0.77	0.07	B *	9.9128	0.0046	0.021	39	*	9.87	9.95		R	08149+2017	I 1	2 C	A	AB	141	1.673	0.012	0.78	0.04	
40400	11.266	0.065	10.300	0.043		0.849	0.058	T	0.86	0.04	L	10.3984	0.0025	0.025	105		10.36	10.44		C			1 G						G

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	6	7	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	10	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
40401		08 14 52.64	+27 06 06.7	8.49		G	123.719 336 13	+27.101 868 89		2.28	−1.53	−17.32	1.08	0.68	1.17	1.28	0.79	−62	+21	−2	−20	−1	−22	+5	−13	+17	−81	0	0.20
40402		08 14 53.95	+52 56 37.6	8.81		H	123.724 808 37	+52.943 779 19		9.43	6.69	51.82	0.87	0.67	1.08	1.09	0.87	−8	+29	−5	+4	−12	−9	−15	+1	−7	−19	0	−1.09
40403		08 14 54.05	+40 34 42.9	7.73		H	123.725 206 54	+40.578 581 00		5.18	−12.92	−13.12	1.05	0.57	1.05	1.43	0.80	+0	+32	+0	+28	−17	−17	−18	+25	−2	−6	0	−0.30
40404		08 14 55.45	+21 04 48.7	8.37		G	123.731 032 33	+21.080 201 37		7.92	−3.06	−1.70	1.17	0.84	1.47	1.43	1.30	−15	−7	−29	−7	+32	−21	+31	−4	−46	−11	0	−0.05
40405		08 14 55.65	−55 30 59.0	9.08		H	123.731 867 38	−55.516 382 98		1.98	11.89	−23.30	0.76	0.70	0.79	0.88	0.73	−15	+1	+7	+4	+7	+2	+7	−12	+7	−14	0	1.86
40406		08 14 55.85	−17 16 34.1	6.98		H	123.732 728 47	−17.276 135 38		7.75	8.09	71.61	0.65	0.58	0.82	0.80	0.73	−4	+12	−19	−7	−9	−15	−17	+20	−14	+11	0	0.90
40407		08 14 56.71	−35 41 19.6	6.80		H	123.736 286 30	−35.688 788 62		5.40	−12.68	35.69	0.43	0.46	0.60	0.49	0.53	+4	−7	+6	+0	+3	+10	+1	−6	−3	−12	0	2.62
40408		08 14 56.91	+32 08 57.4	9.30		H	123.737 114 84	+32.149 273 19		8.55	−21.72	−17.08	1.05	0.61	1.26	1.23	0.83	−18	+15	−8	−25	−2	−28	−5	−9	−5	−33	4	1.16
40409		08 14 57.89	−17 41 54.8	8.90	2	H	123.741 206 67	−17.698 563 88		1.35	−2.32	6.52	0.87	0.90	1.20	1.08	1.16	−5	+24	+1	+12	−1	−9	−4	+8	−15	−2	4	1.80
40410		08 14 59.54	+16 04 43.1	7.28		H	123.748 087 07	+16.078 643 52		2.04	−2.70	−1.33	0.90	0.59	0.93	1.04	0.68	+6	+26	−40	−36	−14	−16	−24	+0	−5	+20	0	2.31
40411		08 14 59.86	+41 08 28.7	8.01		H	123.749 417 75	+41.141 312 16		10.39	−24.94	−50.97	1.03	0.59	1.08	1.25	0.80	−6	+32	−7	+25	−19	−3	−18	+20	+7	−20	0	0.29
40412		08 15 00.69	−30 25 09.5	7.99		H	123.752 872 96	−30.419 305 09		2.84	−7.78	6.99	0.50	0.64	0.87	0.64	0.81	+1	−7	+1	+12	+2	+16	−1	−9	+2	−12	0	0.34
40413		08 15 00.69	−30 51 25.7	7.72		H	123.752 893 72	−30.857 127 88		0.67	−5.46	4.28	0.45	0.54	0.74	0.51	0.56	+2	+2	+1	+11	+5	+6	+3	−14	−5	−4	0	0.05
40414		08 15 00.89	−29 04 04.1	8.93		H	123.753 724 66	−29.067 810 05		0.41	−17.01	15.29	0.52	0.76	1.14	0.62	0.80	+16	+11	−5	+18	−5	−1	−5	−2	+1	+13	0	0.36
40415		08 15 01.78	−79 19 07.5	7.03		G	123.757 402 91	−79.318 754 96		6.14	−16.19	33.36	0.47	0.44	0.49	0.50	0.48	+3	+14	+11	+13	−7	+11	−9	+8	+0	−10	0	1.39
40416		08 15 02.09	−28 27 04.8	8.30		H	123.758 727 33	−28.451 334 78		−0.27	−12.11	2.11	0.43	0.60	0.97	0.50	0.62	+11	+6	+3	−4	+2	+2	+1	−10	−3	+6	0	1.36
40417		08 15 03.30	+50 05 25.2	8.87		H	123.763 735 82	+50.090 321 65		4.28	17.51	4.73	1.17	0.72	1.25	1.62	1.05	+0	+28	−2	+21	−5	+0	−9	−3	−9	−5	0	−0.63
40418		08 15 04.47	−59 37 37.0	9.77		H	123.768 605 50	−59.626 944 95		6.45	6.90	−5.70	0.90	0.89	0.98	1.05	0.90	−2	−1	+14	+5	+2	+4	−1	−25	+15	−8	1	0.34
40419		08 15 07.74	−06 55 06.6	8.27		H	123.782 238 21	−06.918 512 09		29.39	−11.94	−161.74	0.96	0.76	1.14	1.20	0.97	−35	+30	−35	−22	+4	−20	−5	+28	−15	−27	0	0.66
40420		08 15 08.03	+15 02 25.6	11.01		H	123.783 472 85	+15.040 455 47		22.77	−45.31	−228.52	2.10	1.46	2.30	2.25	1.73	−8	+34	−21	−34	−11	−39	−22	+13	−10	−10	3	−1.14
40421		08 15 08.99	+23 44 49.4	9.19		H	123.787 440 02	+23.747 046 54		3.47	−15.45	−14.10	1.04	0.74	1.10	1.48	0.96	+4	+11	−24	+26	+21	−30	+13	+32	−6	+19	0	0.19
40422		08 15 10.25	−40 25 58.5	8.96		G	123.792 707 24	−40.432 922 66		2.26	−10.91	11.77	0.70	0.67	0.88	0.74	0.74	−2	−3	+6	−13	+1	+11	+0	−11	+7	−13	2	−1.55
40423		08 15 12.06	+37 54 49.1	9.41		H	123.800 230 86	+37.913 625 16		12.46	−118.24	−4.96	1.26	0.69	1.37	1.76	1.05	−1	+25	−7	−19	−6	+9	−6	+2	−3	+1	2	−1.73
40424		08 15 14.76	−28 41 09.5	9.11		H	123.811 490 11	−28.685 978 52		8.35	−41.30	26.67	0.56	0.81	1.26	0.65	0.82	+16	+1	−13	+16	+3	+2	+4	−8	−7	+18	0	0.18
*40425		08 15 15.64	+05 33 15.6	10.89		H	123.815 179 93	+05.554 342 94	B	−0.92	27.75	−15.39	40.08	23.11	3.00	29.30	23.34	−16	+0	+10	+12	+13	−11	+10	+4	−28	−23	3	0.61
*40426		08 15 15.62	−00 45 41.9	9.19		H	123.815 093 38	−00.761 645 17		1.21	−6.95	−0.03	1.18	0.93	1.42	1.52	1.30	−28	+21	−7	+45	−9	−22	−6	+64	+13	−26	2	0.76
40427		08 15 15.68	−49 10 48.6	8.06		H	123.815 325 89	−49.180 171 79		2.46	−9.34	3.88	0.57	0.57	0.67	0.69	0.58	+6	+10	+18	+6	−1	+9	−2	−2	+9	+3	0	−0.46
40428		08 15 15.82	+05 33 28.9	8.74		H	123.815 918 93	+05.558 014 49	A	−0.92	−1.70	7.96	3.46	2.16	3.00	3.66	2.67	−30	+16	−31	−23	+1	−11	−5	+13	−28	−23	3	0.61
40429	H	08 15 15.95	−62 54 56.2	5.16		G	123.816 474 86	−62.915 616 77	A	13.47	−26.87	−10.95	0.60	0.55	0.56	0.62	0.57	−10	−8	+13	−5	−5	−12	−3	−6	+6	−31	2	1.26
40430		08 15 18.99	−49 13 19.8	9.50	2	H	123.829 144 27	−49.222 176 77		10.38	−26.95	−95.82	0.83	0.84	0.98	0.98	0.89	−4	−1	+17	+4	−1	+10	−2	+8	+5	−10	0	0.78
40431		08 15 20.45	+60 01 02.0	7.28		H	123.835 193 47	+60.017 208 50		3.31	−9.45	−41.05	0.50	0.49	0.82	0.51	0.56	−10	+29	−23	+33	+21	−2	+32	−15	+15	+10	0	0.15
40432		08 15 21.25	+28 50 05.1	10.89		H	123.838 523 57	+28.834 739 29		3.93	−2.04	−15.51	1.88	1.13	2.32	2.40	1.45	−50	+10	−12	−21	+6	+27	+6	−22	−18	−75	0	0.03
40433		08 15 23.27	−50 26 57.1	6.44		H	123.846 958 05	−50.449 205 58		4.44	−16.19	−6.68	0.48	0.41	0.51	0.54	0.43	+5	+21	+1	−2	−3	−5	+1	−5	+16	+1	0	2.41
40434		08 15 23.50	+46 06 31.1	9.41		H	123.847 906 26	+46.108 634 96		6.22	−68.32	−22.23	1.33	0.82	1.45	1.83	1.25	+3	+34	−24	+27	+18	−15	+12	+22	−14	+33	0	0.86
40435		08 15 24.46	−23 38 16.0	8.21		H	123.851 926 12	−23.637 775 91		4.23	−0.28	−6.56	0.63	0.62	0.98	0.64	0.74	−13	+14	−20	+33	+10	−7	+7	+15	−4	−33	1	2.66
40436		08 15 24.68	−71 50 18.6	9.60		H	123.852 825 02	−71.838 494 82		4.24	10.36	−15.32	0.82	0.89	0.91	1.01	0.96	+6	+14	+6	−12	−8	+3	−7	−19	+5	−3	0	−1.19
40437		08 15 24.87	−11 17 34.4	8.11		H	123.853 630 02	−11.292 896 65		2.81	−18.11	1.13	0.81	0.71	1.06	1.07	0.95	−23	+18	−32	−2	−2	−16	−11	+25	−14	−10	0	1.52
40438		08 15 25.22	−52 03 36.6	6.63		G	123.855 081 67	−52.060 160 56		36.93	−5.40	−57.16	0.45	0.44	0.50	0.51	0.48	+15	+17	+4	+1	−8	−3	−6	−3	+13	+7	1	0.86
40439		08 15 25.44	−00 05 14.9	8.34		H	123.856 007 23	−00.087 485 47		1.72	2.47	3.94	0.94	0.75	1.14	1.25	1.06	−27	+18	−9	+31	−16	−22	−18	+63	−3	−24	0	−0.38
40440		08 15 26.87	−27 38 21.8	9.11		H	123.861 959 37	−27.639 388 73		1.62	−5.30	1.36	0.50	0.72	1.12	0.55	0.73	+0	−13	−1	−19	+9	+15	+9	−11	+2	−2	0	1.24
40441	H	08 15 27.67	+43 58 11.4	9.44		H	123.865 285 36	+43.969 836 57	A	4.44	−4.12	−19.76	2.03	1.21	1.97	2.76	1.92	+9	+27	+10	+20	−3	−5	+2	+19	+15	+18	3	−0.68
40442		08 15 27.89	−37 22 02.8	9.61		H	123.866 193 70	−37.367 457 59	B	−5.74	−18.24	−1.44	14.00	14.47	8.13	9.89	10.68	+7	+24	+8	−2	−5	−10	−3	−1	+7	−7	5	1.89
40443		08 15 28.08	−37 22 19.4	7.42		H	123.866 985 65	−37.372 048 38	A	3.78	−12.15	5.74	1.11	1.25	1.17	1.05	1.23	+4	+23	+10	−1	−5	−8	−3	+4	+1	−11	5	1.89
40444		08 15 28.57	−42 25 58.4	8.84		H	123.869 048 24	−42.432 900 82		1.67	−11.78	−1.93	0.70	0.74	0.86	0.82	0.82	−15	+4	+8	−10	+20	+2	+16	−32	−15	−26	0	1.72
40445		08 15 28.99	−47 35 47.4	8.59		H	123.870 812 08	−47.596 494 30		−0.31	−4.12	4.56	0.75	0.72	0.89	0.89	0.76	+3	−9	+18	−3	+0	+13	−4	−16	+18	+9	0	−0.57
40446		08 15 30.23	−49 03 00.6	8.39		G	123.875 973 85	−49.050 159 81		1.08	−5.10	9.11	0.65	0.65	0.76	0.80	0.65	−3	+6	+24	+9	+0	+5	−1	+0	+9	−7	0	0.34
40447		08 15 30.75	+43 00 16.5	9.02		H	123.878 145 37	+43.004 581 06		15.69	52.34	80.34	1.19	0.72	1.42	1.92	1.26	+9	+15	−1	−5	−1	+29	+0	+0	+7	+17	0	−0.73
40448	H	08 15 31.14	+07 38 13.9	8.06		H	123.879 758 54	+07.637 200 99	A	2.78	−10.85	−0.38	2.19	1.15	1.58	1.71	1.21	−49	+18	−7	−21	−11	−35	−10	+16	−2	−19	2	−0.23
40449		08 15 31.23	+09 58 41.4	9.62		H	123.880 126 19	+09.978 154 67		20.66	−33.78	−145.26	1.54	0.85	1.62	1.92	1.39	−18	+28	−17	−26	−7	−27	−17	+33	−12	−12	2	1.38
40450		08 15 31.42	+02 49 56.0	7.50		H	123.880 925 12	+02.832 220 90		5.00	−0.89	−13.20	1.03	0.54	1.11	1.25	0.69	−4	+36	−13	−11	+1	−6	−6	−1	−19	+2	0	1.97
40451		08 15 32.54	+53 16 02.7	8.57		H	123.885 601 39	+53.267 427 81		−1.95	−13.01	0.37	0.81	0.64	1.04	1.00	0.81	−10	+21	−10	−20	−18	−6	−16	−12	+9	−10	0	−0.49
40452		08 15 33.32	+11 25 53.5	7.72		H	123.888 845 31	+11.431 515 87		26.45	−198.87	−233.21	0.92	0.56	1.06	1.15	0.82	−16	+19	−24	−16	+2	−41	−17	+40	−17	+2	0	−0.01
40453		08 15 33.54	−13 37 27.3	7.06	1	H	123.889 759 27	−13.624 261 15		1.15	−4.04	−2.17	0.75	0.64	0.97	0.91	0.88	−27	+27	−11	+13	−21	−4	−16	+38	+11	−33	0	0.86
40454		08 15 34.19	−40 16 05.6	8.37		H	123.892 443 73	−40.268 219 14		1.54	−1.89	8.37	0.65	0.67	0.84	0.70	0.73	−2	−1	+12	−9	+1	+11	−1	−18	+4	−12	1	0.43
40455		08 15 37.53	−49 59 34.5	7.58		H	123.906 381 52	−49.992 927 70		1.64	−2.29	4.50	0.56	0.49	0.60	0.66	0.50	+12	+12	+14	−11	−7	−6	−4	−5	+9	+1	4	0.69
40456		08 15 38.13	−74 13 43.4	8.86		H	123.908 883 52	−74.228 728 54		3.09	−0.23	11.55	0.70	0.64	0.74	0.67	0.73	−5	+35	+4	−10	−8	−7	−11	+8	−13	−15	0	0.67
40457		08 15 39.21	−01 14 50.5	8.17		H	123.913 369 71	−01.247 353 90		4.68	−19.07	9.40	0.85	0.75	1.30	1.24	0.89	−12	+0	−49	+32	+34	−44	+15	+46	−19	+5	0	2.29
40458		08 15 39.55	+17 34 19.5	7.66		H	123.914 795 56	+17.572 095 13		5.61	−2.21	−31.36	1.11	0.87	1.36	1.15	1.02	−41	+42	−54	−45	+23	−27	−2	−6	−26	−27	0	3.56
40459		08 15 39.95	−26 00 33.9	10.10	2	H	123.916 454 11	−26.009 419 20		31.84	231.09	−190.59	0.87	0.94	1.62	0.89	0.89	+32	+5	+13	+10	+22	+10	+22	−12	+11	+42	2	−0.07
40460		08 15 40.20	−04 58 50.0	9.01		H	123.917 514 67	−04.980 550 89		2.84	−13.69	17.20	1.00	0.82	1.30	1.18	1.02	−14	+22	−24	−12	+0	−28	−11	+21	−15	−6	0	0.40
40461		08 15 41.75	+00 42 29.4	8.90		H	123.923 939 54	+00.708 167 33		2.12	−6.06	−4.80	1.24	0.89	1.29	1.62	1.30	−28	+19	+4	+13	−37	−27	−39	+61	+15	−25	0	0.35
40462		08 15 42.12	+66 10 32.8	7.15		H	123.925 497 68	+66.175 788 86		10.67	−22.55	−84.47	0.60	0.56	0.81	0.68	0.65	+13	+21	−12	+38	+10	+10	+8	+9	+10	+29	1	0.96
40463		08 15 42.41	−44 19 22.4	9.01		G	123.926 726 92	−44.322 878 65	A	1.06	−7.60	5.39	1.55	1.50	1.68	1.71	1.49	+12	+17	+11	+16	+1	+19	−1	−23	+9	+13	1	0.48
40464		08 15 42.51	−29 09 25.0	9.35		G	123.927 133 43	−29.156 941 74		2.60	−13.83	10.93	0.58	0.84	1.24	0.68	0.87	+13	+14	−10	+15	−7	−3	−6	−10	+3	+14	0	−0.16
40465		08 15 45.16	−10 26 54.0	9.25		H	123.938 151 01	−10.448 337 17		23.07	−63.36	−48.42	1.39	1.03	1.59	1.68	1.40	−7	+41	−14	+43	+4	+2	+4	+42	−1	+10	0	−0.53
40466	H	08 15 45.76	−30 34 44.5	8.00		G	123.940 650 59	−30.579 021 64	*	2.53	−11.09	−0.69	0.58	0.70	0.96	0.72	0.92	+0	+0	+3	+14	+4	+3	+2	+3	−11	−18	1	−1.62
40467		08 15 46.14	+62 07 56.4	9.85		H	123.942 251 26	+62.132 330 51		3.61	9.50	−0.36	0.99	0.83	1.39	0.96	1.01	−7	+25	−6	+2	+12	−10	+21	−26	+11	+10	0	0.34
40468		08 15 48.34	−07 20 11.2	8.40		H	123.951 405 51	−07.336 445 02		0.60	8.67	−9.63	0.93	0.82	1.18	1.13	1.10	−41	+26	−26	−25	+8	−28	+3	+16	−7	−43	0	0.71
40469		08 15 48.54	+02 48 05.0	7.27		H	123.952 259 84	+02.801 377 46	A	2.68	−3.53	1.04	2.25	1.29	1.85	2.56	1.46	−4	+39	−14	−17	+8	−17	+2	−3	−8	+1	6	0.55
40470		08 15 48.62	+35 56 21.5	8.87		H	123.952 581 29	+35.939 306 76		4.31	−7.16	−2.98	1.26	0.61	1.41	1.80	0.95	+2	+17	+3	−18	−6	+3	−9	+0	−20	−4	4	1.52
40471		08 15 49.19	+20 44 45.0	8.15		H	123.954 953 32	+20.745 834 66		6.93	−17.01	5.17	1.28	0.93	1.43	1.39	1.28	−24	+19	−26	−46	+27	−16	+17	−29	−35	−30	0	−0.65
40472		08 15 49.40	+32 10 38.1	7.36		H	123.955 833 35	+32.177 246 63		14.88	−14.26	−4.22	1.02	0.81	1.12	1.38	0.96	−3	+17	−40	−42	+10	−40	+4	−38	+18	−31	0	−0.61
40473		08 15 49.50	+02 47 58.8	9.51		H	123.956 244 44	+02.799 674 56	B	−11.13	22.73	25.05	34.69	18.90	13.38	28.81	13.39	+3	+45	−6	−12	+6	−13	+3	+3	−5	+2	6	0.55
40474	H	08 15 50.52	+60 22 50.1	6.43	1	G	123.960 497 71	+60.380 583 20	A	6.53	−16.12	7.62	0.62	0.61	0.87	0.58	0.63	−24	+20	−13	+29	+14	−1	+24	−39	+3	−3	1	−0.32
40475		08 15 51.02	−64 29 06.6	9.00		H	123.962 574 56	−64.485 159 45		9.95	−38.32	94.20	0.66	0.75	0.77	0.56	0.82	+7	−4	+3	−25	−19	−2	−25	−25	+7	−27	0	−0.28
40476	H	08 15 52.57	−30 55 33.3	6.22		G	123.969 053 89	−30.925 914 56	A	9.34	−49.71	−12.32	0.64	0.78	0.94	0.69	0.86	+1	+1	−6	+14	+1	+8	−1	−8	−10	−9	16	2.67
*40477		08 15 52.90	+50 47 08.6	8.70		G	123.970 407 82	+50.785 715 07		5.64	−18.01	−30.07	0.99	0.67	1.12	1.29	0.94	+0	+27	+9	+31	+17	−4	+14	−3	−5	−9	0	3.60
*40478		08 15 52.86	−46 18 44.6	6.65		H	123.970 270 83	−46.312 397 82		8.88	−24.79	47.39	0.48	0.44	0.57	0.58	0.49	+2	+0	−5	−13	−1	−12	−2	−20	+28	−11	0	2.53
40479		08 15 53.31	+02 27 25.6	8.18		H	123.972 141 19	+02.457 101 83		16.26	71.25	−15.79	1.07	0.59	1.18	1.23	0.79	−7	+40	−14	−7	+2	−17	−7	+13	−18	−4	0	−0.30
40480		08 15 56.24	−31 09 16.1	8.39		H	123.984 345 44	−31.154 470 38		3.11	−13.03	−1.83	0.56	0.70	0.96	0.63	0.77	+7	−2	−2	+12	+1	−2	+0	−2	−9	+1	0	0.88
40481		08 15 56.93	+44 16 38.4	8.83		H	123.987 189 56	+44.277 323 08		2.78	4.77	−11.26	1.22	0.69	1.27	1.69	1.11	+9	+33	−9	+13	+6	+1	+3	+11	−9	+24	0	−1.29
40482	H	08 15 58.28	+49 46 19.4	8.37		H	123.992 820 82	+49.772 064 05	B	1.80	−15.00	4.21	3.24	2.19	2.60	4.37	3.00	+10	+11	−12	+7	−3	+3	−2	−5	−14	−10	9	1.99
40483	H	08 15 58.45	+18 41 38.2	7.54		H	123.993 550 30	+18.693 931 99	A	5.27	−17.14	−14.78	1.33	0.98	1.28	1.67	1.34	−35	+35	−24	+0	−8	+8	−8	+13	−2	−24	0	−0.03
*40484		08 15 58.84	+29 38 39.0	8.75		H	123.995 185 53	+29.644 167 50		1.31	−6.40	−6.76	0.98	0.59	1.16	1.18	0.82	−39	+35	−10	−5	−1	+6	−6	−10	−11	−63	0	1.20
*40485		08 15 58.83	−35 54 11.5	6.15	1	G	123.995 118 55	−35.903 206 68		1.72	−8.11	6.59	0.40	0.43	0.55	0.45	0.45	+5	−1	+9	+1	+7	+5	+5	−14	+4	−3	0	−0.16
40486		08 15 59.04	−30 11 04.4	7.01		H	123.996 017 67	−30.184 543 44		2.84	0.26	−6.96	0.40	0.55	0.72	0.49	0.65	+10	−2	+0	+14	+1	+14	−2	−13	+3	+1	0	−2.00
40487		08 15 59.34	−19 24 29.6	7.11	1	H	123.997 260 21	−19.408 216 76		0.80	−4.11	−7.50	0.64	0.53	0.85	0.85	0.65	+0	−1	−19	−16	−2	−16	−3	−7	+4	−22	0	−2.03
40488	H	08 15 59.49	+40 33 40.5	9.38		H	123.997 891 04	+40.561 241 47	A	6.31	−17.93	−38.70	2.06	1.04	2.05	2.44	1.61	+1	+51	−4	−10	−11	−2	−31	−3	−43	−10	1	1.18
40489		08 16 00.41	+73 42 40.3	8.17		H	124.001 720 05	+73.711 196 76		5.34	−13.96	−55.64	0.61	0.64	0.91	0.68	0.73	+24	+29	+7	−4	−10	+16	−14	−18	−13	+24	1	0.87
40490		08 16 01.47	−49 11 07.0	8.30		H	124.006 145 70	−49.185 282 80		3.34	−10.10	−2.93	0.61	0.61	0.72	0.73	0.65	+1	+0	+16	+1	−1	+2	−2	−5	+11	−6	0	1.70
40491		08 16 02.16	+49 54 11.1	9.24		H	124.009 005 63	+49.903 073 15		8.14	−0.48	−53.38	1.28	0.82	1.43	2.03	1.46	+8	+22	+1	+16	−1	−2	+3	+15	+21	+21	0	1.08
40492		08 16 02.50	+47 33 35.4	8.97		H	124.010 417 97	+47.559 841 84		9.47	−25.27	−46.34	1.22	0.68	1.33	2.18	1.26	+6	+8	−14	−6	+0	+21	+1	+4	+11	+33	4	0.19
40493		08 16 03.41	−44 12 40.6	8.79		G	124.014 213 08	−44.211 281 06		4.65	−30.34	23.04	0.72	0.72	0.88	0.85	0.74	+14	+9	+7	+12	−4	+23	−8	−29	+9	+6	0	−0.08
40494		08 16 03.66	−46 40 31.0	9.42		H	124.015 251 24	−46.675 285 87		0.46	−0.48	3.47	1.08	1.00	1.26	1.24	1.12	+2	−3	+17	−25	−4	−2	−4	−18	+22	−7	0	−0.03
40495		08 16 05.59	−57 16 09.3	7.83		H	124.023 288 27	−57.269 260 55		3.57	−12.89	10.31	0.52	0.45	0.54	0.53	0.43	−9	−8	+18	+7	+1	+7	−1	−9	+9	−10	2	−0.67
40496		08 16 05.87	−33 43 27.2	11.08		G	124.024 461 06	−33.724 219 35		−3.88	−4.66	5.82	1.17	1.38	1.89	1.36	1.67	+7	+1	−1	+29	+4	+26	+4	−4	−8	+5	5	0.61
40497		08 16 06.66	+57 05 40.8	7.49		H	124.027 741 01	+57.094 679 11		31.95	−316.40	−222.20	0.71	0.61	1.06	0.95	0.79	−42	+46	−30	−20	−29	+4	−32	+5	−10	−13	0	−0.67
40498		08 16 06.66	−05 14 33.1	9.38		G	124.027 749 56	−05.242 539 47		13.96	−142.79	128.32	1.01	0.87	1.33	1.18	1.08	−17	+16	−22	−1	−3	−28	−11	+28	−10	−14	0	0.39
40499		08 16 07.35	+07 42 31.9	8.76		H	124.030 613 98	+07.708 868 84		3.44	−7.56	−8.47	1.27	0.73	1.38	1.54	1.05	−17	+26	−6	−23	−18	−33	−24	+33	+2	−14	2	1.53
40500		08 16 07.50	+03 47 47.5	8.90		H	124.031 263 36	+03.796 540 89		0.09	3.54	0.80	1.20	0.77	1.32	1.72	0.94	−24	+22	−22	−23	+7	+18	+9	−26	−10	−25	0	0.62

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
40401	10.061	0.020	8.644	0.011		1.200	0.015	G	1.16	0.01	H	8.6622	0.0012	0.013	153		8.64	8.69					1							
40402	9.380	0.017	8.869	0.016		0.480	0.021	T	0.55	0.02	L	8.9131	0.0024	0.020	111		8.87	8.95					1							
40403	7.858	0.008	7.734	0.009		0.120	0.011	T	0.13	0.01	L	7.7725	0.0011	0.010	82		7.76	7.79		C			1							S
40404	8.617	0.019	8.413	0.022		0.216	0.015	G	0.24	0.02	H	8.4081	0.0027	0.011	47		8.38	8.42		C			1							S
40405	9.825	0.020	9.156	0.018		0.620	0.023	T	0.69	0.02	L	9.2130	0.0018	0.020	108		9.18	9.25					1							
40406	7.538	0.008	7.040	0.009		0.490	0.003	G	0.56	0.00	H	7.0906	0.0012	0.009	81		7.07	7.11					1							S
40407	8.458	0.011	6.948	0.006		1.270	0.010	T	1.23	0.01	L	6.9541	0.0010	0.011	160		6.94	6.97			08149−3541	I 1	1 S							S
40408	9.702	0.019	9.310	0.020		0.371	0.026	T	0.43	0.03	L	9.3840	0.0013	0.014	118		9.36	9.41					1							
40409	11.152	0.072	9.171	0.021		1.642	0.060	T	1.66	0.06	L	9.0108	0.0044	0.028	78		8.95	9.05		U 2			1 S							
40410	7.169	0.007	7.270	0.009		−0.081	0.002	G	−0.06	0.00	H	7.2627	0.0008	0.006	55		7.25	7.27		C			1							S
40411	8.442	0.010	8.048	0.010		0.385	0.015	G	0.45	0.02	H	8.0946	0.0019	0.015	96		8.06	8.13					1							S
40412	7.966	0.008	7.984	0.009		−0.012	0.011	T	0.01	0.01	L	7.9957	0.0014	0.016	167		7.97	8.03					1							
40413	7.869	0.007	7.746	0.008		0.117	0.002	G	0.13	0.00	H	7.7697	0.0014	0.014	170		7.75	7.79					1							S
40414	8.990	0.009	8.924	0.011		0.060	0.013	T	0.07	0.01	L	8.9582	0.0017	0.020	227		8.92	8.99		C			1							
40415	7.017	0.003	7.028	0.006		−0.019	0.002	G	0.00	0.00	H	7.0324	0.0008	0.010	129		7.02	7.05					1							S
40416	8.307	0.006	8.293	0.007		0.013	0.008	T	0.03	0.01	L	8.3159	0.0015	0.018	237		8.28	8.35					1							
40417	10.104	0.037	8.977	0.024		0.970	0.034	T	0.95	0.03	L	9.0344	0.0023	0.019	76		9.01	9.07		C			1							
40418	10.443	0.035	9.855	0.033		0.550	0.036	T	0.62	0.03	L	9.8861	0.0027	0.025	113		9.84	9.93					1							G
40419	9.166	0.024	8.369	0.020		0.706	0.024	T	0.76	0.02	L	8.4123	0.0019	0.014	63		8.39	8.43		C			1							S
40420											T	11.1424	0.0083	0.050	52		10.99	11.22					1							G
40421	9.404	0.025	9.205	0.029		0.190	0.036	T	0.21	0.04	L	9.2550	0.0022	0.017	61		9.23	9.28		C			1							
40422	8.872	0.017	8.946	0.024		−0.057	0.010	G	−0.04	0.01	H	8.9443	0.0021	0.018	138		8.91	8.97					1							
40423	10.296	0.035	9.491	0.028		0.728	0.034	T	0.78	0.02	L	9.5584	0.0027	0.018	88		9.53	9.59		C			1							
40424	9.777	0.016	9.146	0.014		0.582	0.016	T	0.65	0.01	L	9.2335	0.0017	0.025	233		9.19	9.28					1 S							
40425	10.992	0.084	10.895	0.123	B	0.095	0.139	T	0.11	0.15	L	11.0426	0.0754			B				D	08153+0533	I 2	1 C F A							
40426	9.117	0.013	9.184	0.017		−0.056	0.019	T	−0.03	0.02	L	9.1795	0.0017	0.017	102		9.15	9.22					1							
40427	7.979	0.009	8.045	0.012		−0.056	0.013	T	−0.03	0.01	L	8.0479	0.0013	0.013	125		8.03	8.07		C			1							S
40428	8.685	0.014	8.740	0.018	A	−0.046	0.021	T	−0.02	0.02	L	8.7345	0.0099	0.022	69	A	8.69	8.81		D	08153+0533	I 2	1 C P A							
40429	5.246	0.008	5.136	0.009	*	0.086	0.003	G	0.10	0.00	H	* 5.1905	0.0006	0.005	106	*	5.18	5.21		D	08153−6255	I 1	2 C A	AB	69	4.028	0.007	2.61	0.03	S
40430	9.491	0.018	9.503	0.025		−0.004	0.008	G	0.02	0.01	H	9.5113	0.0165	0.142	121		9.33	9.78		U 2			1							G
40431	8.534	0.008	7.391	0.006		0.983	0.008	T	0.96	0.01	L	7.4455	0.0007	0.011	162		7.43	7.47		C			1							S
40432						0.630	0.107	G	0.70	0.10	R	11.0246	0.0028	0.025	115		10.99	11.06					1							G
40433	8.393	0.011	6.602	0.005		1.520	0.001	G	1.60	0.04	E	6.5592	0.0009	0.009	117		6.54	6.58					1							S
40434	10.130	0.026	9.494	0.024		0.591	0.031	T	0.66	0.03	L	9.5343	0.0020	0.018	92		9.51	9.57		C			1							S
40435	8.339	0.008	8.219	0.010		0.109	0.012	T	0.12	0.01	L	8.2533	0.0012	0.014	166		8.23	8.29					1							
40436	10.184	0.032	9.743	0.034		0.416	0.043	T	0.48	0.05	L	9.6996	0.0028	0.023	106		9.67	9.74					1							
40437	9.469	0.024	8.221	0.015		1.064	0.022	T	1.03	0.02	L	8.2821	0.0014	0.012	72		8.26	8.30					1							
40438	7.322	0.004	6.695	0.005		0.579	0.007	G	0.65	0.01	H	6.7465	0.0008	0.007	123		6.73	6.76		C			1							S
40439	10.332	0.039	8.517	0.016		1.510	0.033	T	1.54	0.05	L	8.4577	0.0017	0.012	88		8.43	8.49					1							
40440	9.017	0.009	9.075	0.012		−0.048	0.014	T	−0.03	0.01	L	9.1015	0.0015	0.021	257		9.06	9.14		C			1							
40441	10.370	0.037	9.548	0.029	A	0.685	0.014	G	0.54	0.07	B	* 9.5463	0.0018	0.013	80	*	9.52	9.57		R	08155+4358	I 1	2 C A	AB	297	5.360	0.015	2.03	0.07	
40442	10.948	0.063	9.283	0.023	B	1.392	0.053	T	1.37	0.06	L	9.6117	0.0564			B				D	08155−3722	I 2	1 C I A							
40443	7.266	0.005	7.387	0.007	A	−0.104	0.008	T	−0.09	0.01	L	7.3926	0.0088	0.040	152	A	7.33	7.45		D	08155−3722	I 2	1 C P A							S
40444	10.006	0.023	8.908	0.015		0.948	0.021	T	0.94	0.01	L	9.0025	0.0019	0.020	115		8.98	9.04		C			1							
40445	10.003	0.026	8.694	0.015		1.112	0.023	T	1.07	0.02	L	8.7607	0.0018	0.015	105		8.73	8.79		C			1							
40446	8.454	0.010	8.409	0.012		0.069	0.002	G	0.08	0.00	H	8.4241	0.0016	0.017	117		8.40	8.46					1							
40447	9.749	0.023	9.082	0.020		0.585	0.004	G	0.66	0.00	H	9.1485	0.0017	0.012	81		9.13	9.17					1							
40448	7.966	0.009	8.042	0.011	*	−0.065	0.013	T	−0.04	0.01	L	* 8.0452	0.0014	0.010	75	*	8.02	8.06		D	08155+0738	I 1	2 C A	AB	293	0.426	0.014	2.20	0.08	S
40449	10.998	0.060	9.815	0.031		1.014	0.053	T	0.99	0.04	L	9.7329	0.0034	0.031	98		9.69	9.78		R			1							
40450	7.558	0.008	7.513	0.011		0.046	0.013	T	0.06	0.01	L	7.5224	0.0011	0.006	61		7.51	7.54		D			1 S							S
40451	10.088	0.026	8.704	0.014		1.171	0.023	T	1.13	0.02	L	8.7381	0.0019	0.017	119		8.71	8.77		C			1							
40452	8.619	0.013	7.789	0.010		0.731	0.013	T	0.78	0.01	L	7.8586	0.0010	0.012	104		7.84	7.88					1							S
40453	9.255	0.016	7.265	0.007		1.686	0.014	T	2.12	0.04	O	7.1317	0.0030	0.018	82		7.10	7.17		U			1							S
40454	10.274	0.036	8.539	0.015		1.447	0.031	T	1.45	0.05	L	8.5101	0.0014	0.016	131		8.48	8.54					1							
40455	7.557	0.006	7.586	0.007		−0.022	0.008	T	0.00	0.01	L	7.5801	0.0011	0.010	125		7.56	7.60		C			1							S
40456	8.910	0.013	8.868	0.016		0.038	0.018	T	0.05	0.01	L	8.8777	0.0019	0.014	113		8.85	8.90		C			1							
40457	9.436	0.017	8.278	0.011		0.994	0.016	T	0.97	0.01	L	8.3366	0.0011	0.011	95		8.32	8.36					1							S
40458	9.010	0.021	7.771	0.013		1.020	0.015	G	0.99	0.01	H	7.8314	0.0017	0.010	49		7.81	7.85		C			1 S							S
40459	11.752	0.082	10.290	0.032		1.251	0.073	T	1.80	0.12	S	10.1931	0.0035	0.041	226		10.13	10.26		R 2			1							G
40460	10.484	0.039	9.133	0.021		1.145	0.035	T	1.11	0.03	L	9.1800	0.0024	0.019	74		9.16	9.22		C			1							G
40461	8.987	0.019	8.882	0.023		0.102	0.028	T	0.12	0.03	L	8.9374	0.0021	0.011	57		8.91	8.97					1							
40462	7.565	0.006	7.182	0.007		0.363	0.009	T	0.42	0.01	L	7.2340	0.0012	0.014	127		7.21	7.25					1 G							S
40463	8.975	0.011	8.992	0.015	A	−0.017	0.015	G	0.01	0.01	H	9.0586	0.0101	0.019	140	A	9.02	9.09		C	08157−4419	I 1	2 C B	AB	276	11.420	0.049	3.13	0.19	
40464	9.398	0.013	9.339	0.017		0.050	0.020	G	0.06	0.02	H	9.3722	0.0019	0.025	226		9.33	9.42					1 S							G
40465	10.487	0.043	9.357	0.027		0.965	0.040	T	1.01	0.04	L	9.3865	0.0035	0.020	67		9.35	9.43			08158−1027	I 1	1 S							
40466	8.962	0.011	8.072	0.008	*	0.755	0.015	G	0.80	0.01	H	* 8.1388	0.0015	0.017	164	*	8.11	8.17		D	08158−3035	H 1	2 C S A	AB	104	0.193	0.014	1.23	0.25	
40467	10.530	0.035	9.912	0.032		0.575	0.041	T	0.65	0.04	L	9.9775	0.0025	0.024	118		9.94	10.02		C			1							
40468	10.283	0.040	8.559	0.018		1.438	0.035	T	1.43	0.06	L	8.5369	0.0028	0.013	56		8.51	8.56					1 S							
40469	7.237	0.007	7.255	0.010	A	−0.012	0.011	T	0.01	0.01	L	7.2709	0.0100	0.029	66	A	7.24	7.33		D	08158+0248	I 2	1 C P A							S
40470	9.959	0.024	8.954	0.017		0.878	0.022	T	0.89	0.02	L	9.0294	0.0018	0.013	93		9.01	9.05		C			1							
40471	9.564	0.026	8.279	0.016		1.093	0.024	T	1.05	0.03	L	8.3203	0.0019	0.012	44		8.30	8.34		C			1							
40472	7.971	0.007	7.417	0.006		0.519	0.008	T	0.59	0.01	L	7.4737	0.0008	0.010	130		7.46	7.49		C			1 G							S
40473	9.698	0.030	9.450	0.035	B	0.236	0.043	T	0.26	0.05	L	9.7258	0.0847			B				D	08158+0248	I 2	1 C I A							
40474	6.712	0.004	6.492	0.004	A	0.210	0.008	G	0.23	0.01	R	* 6.5013	0.0015	0.016	159	*	6.48	6.52		U 2	08158+6022	I 1	2 C A	AB	257	2.685	0.019	3.51	0.09	S
40475	9.701	0.022	9.052	0.020		0.595	0.022	T	0.67	0.02	L	9.1315	0.0023	0.016	112		9.10	9.16		C			1							
40476	7.398	0.013	6.438	0.009	A	0.777	0.003	G	0.81	0.00	H	* 6.3576	0.0011	0.010	169	*	6.34	6.37		D	08159−3056	I 1	2 C B	AB	3	1.926	0.005	1.72	0.02	S
40477	9.103	0.018	8.732	0.018		0.350	0.015	G	0.41	0.02	H	8.7829	0.0024	0.017	76		8.76	8.81		C	08159+5047	I 1	1 S							
40478	6.852	0.005	6.668	0.006		0.176	0.007	T	0.19	0.01	L	6.7095	0.0008	0.007	119		6.70	6.72		C			1							S
40479	8.796	0.015	8.237	0.014		0.533	0.015	G	0.61	0.02	H	8.2993	0.0014	0.011	70		8.28	8.32		C			1							S
40480	10.460	0.027	8.574	0.010		1.567	0.023	T	1.59	0.02	L	8.5053	0.0023	0.021	173		8.47	8.54					1							
40481	10.420	0.037	8.956	0.019		1.234	0.033	T	1.19	0.03	L	8.9969	0.0018	0.014	78		8.98	9.02		C			1 S							
40482	9.306	0.024	8.423	0.018	*	0.787	0.022	T	0.82	0.02	L	* 8.5231	0.0022	0.015	74	*	8.51	8.55		D	08160+4946	I 1	2 C A	BA	181	8.318	0.004	0.11	0.02	
40483	8.830	0.031	7.592	0.016	*	1.057	0.027	T	1.02	0.02	L	* 7.7107	0.0019	0.012	47	*	7.70	7.73		D	08160+1842	I 1	2 C A	AB	341	4.378	0.025	3.64	0.13	S
40484	9.942	0.018	8.827	0.012		0.961	0.017	T	0.95	0.01	L	8.9102	0.0020	0.016	133		8.88	8.94		C			1							
40485	8.172	0.010	6.324	0.004		1.549	0.006	G	1.61	0.01	H	6.2934	0.0010	0.010	147		6.28	6.31		U 2			1							S
40486	7.871	0.007	7.085	0.005		0.714	0.007	T	0.77	0.01	L	7.1493	0.0011	0.012	188		7.13	7.17					1							S
40487	9.263	0.015	7.308	0.007		1.622	0.013	T	1.64	0.01	L	7.2233	0.0020	0.019	110		7.19	7.24		U 2			1							S
40488	10.115	0.030	9.452	0.027	A	0.564	0.072	G	0.68	0.04	L	* 9.5093	0.0028	0.020	88	*	9.48	9.54		D	08160+4034	I 1	2 C A	AB	4	7.225	0.018	2.80	0.09	P
40489	8.526	0.008	8.214	0.009		0.296	0.011	T	0.34	0.01	L	8.2471	0.0022	0.019	150		8.22	8.28					1							S
40490	8.278	0.008	8.299	0.010		−0.020	0.015	G	0.00	0.01	H	8.3070	0.0014	0.016	123		8.28	8.33		C			1							
40491	9.798	0.028	9.317	0.027		0.453	0.035	T	0.52	0.04	L	9.3377	0.0029	0.018	76		9.30	9.36		C			1							S
40492	9.478	0.022	8.990	0.022		0.459	0.028	T	0.53	0.03	L	9.0673	0.0022	0.013	66		9.04	9.10		C			1							
40493	9.333	0.013	8.815	0.013		0.470	0.015	G	0.54	0.02	H	8.8867	0.0017	0.017	128		8.86	8.92		C			1							
40494	10.880	0.061	9.529	0.029		1.145	0.053	T	1.11	0.05	L	9.5876	0.0030	0.023	99		9.54	9.63					1							G
40495	7.777	0.007	7.817	0.009		−0.034	0.010	T	−0.01	0.01	L	7.8277	0.0012	0.010	123		7.81	7.85		C			1							S
40496	11.125	0.063	10.936	0.085		0.070	0.015	G	0.08	0.02	H	11.0894	0.0043	0.039	146		11.02	11.16					1 G							G
40497	8.452	0.008	7.576	0.007		0.750	0.000	G	0.79	0.00	H	7.6327	0.0008	0.010	174		7.62	7.65		C	08162+5705	I 2	1							S
40498	10.087	0.032	9.409	0.028		0.582	0.005	G	0.65	0.01	H	9.4986	0.0028	0.018	74		9.47	9.53		C			1							G
40499	9.787	0.029	8.830	0.021		0.842	0.027	T	0.86	0.02	L	8.9195	0.0022	0.014	72		8.89	8.94		C			1							
40500	10.873	0.057	9.068	0.022		1.503	0.048	T	1.53	0.07	L	9.0191	0.0034	0.025	69		8.98	9.06					1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
40501		08 16 08.20	+01 18 08.7	10.08		G	124.034 170 02	+01.302 427 01		109.23	−375.01	60.11	1.58	1.02	1.79	2.17	1.49	−20	+26	−16	−9	−1	−15	−12	+26	−15	+2	0	−0.53
40502		08 16 09.52	−73 08 59.2	8.98		H	124.039 678 11	−73.149 791 19		7.26	−8.23	−10.43	0.74	0.69	0.79	0.72	0.78	−4	+22	+8	−38	+4	−6	+10	+2	+10	−16	0	−1.62
40503		08 16 09.87	+46 48 08.0	6.81		H	124.041 125 13	+46.802 225 39		2.73	−10.97	−8.23	0.95	0.49	0.98	1.14	0.76	−3	+49	−19	+10	−2	+0	−10	+16	−16	+14	0	0.96
40504		08 16 10.45	−43 38 12.7	8.76	2	H	124.043 535 03	−43.636 847 28		0.47	−4.98	−8.34	0.74	0.73	0.92	0.87	0.79	+6	+18	+13	−4	+2	+22	−4	−26	−4	−11	0	0.78
40505		08 16 12.08	−15 41 09.7	7.38		H	124.050 332 76	−15.686 020 69		4.55	−12.85	12.73	0.66	0.58	0.87	0.78	0.72	−14	+29	−29	+4	−4	−6	−9	+13	−9	−1	0	0.37
40506		08 16 12.57	−35 52 56.1	7.29		H	124.052 379 19	−35.882 236 65		13.15	15.24	35.14	0.48	0.51	0.68	0.55	0.62	+4	−5	+11	−3	+8	+8	+10	−12	−12	−7	0	−0.57
40507		08 16 12.85	+40 20 00.2	7.87		H	124.053 527 17	+40.333 376 00		4.42	−7.01	−19.80	1.01	0.58	1.09	1.29	0.82	−4	+23	−17	−2	−23	−15	−27	+8	−4	−13	0	0.28
40508		08 16 14.52	+52 20 32.3	7.65		H	124.060 501 50	+52.342 294 95		3.15	−0.36	−8.15	0.86	0.59	0.93	1.16	0.78	+24	+14	−16	+20	+20	−6	+19	+5	−8	+32	0	−0.34
40509		08 16 14.79	−64 30 22.3	8.88		H	124.061 623 91	−64.506 185 28		3.12	−1.16	10.01	0.63	0.71	0.73	0.55	0.84	+5	−3	+1	−20	−20	+3	−29	−20	−2	−31	0	0.21
40510		08 16 15.06	+57 03 53.7	9.32		H	124.062 768 68	+57.064 915 59		5.87	34.41	5.56	0.97	0.78	1.37	1.37	1.09	−40	+44	−25	−23	−28	+3	−32	+5	−9	−14	0	−1.73
40511		08 16 15.08	−70 24 05.3	8.58		G	124.062 843 49	−70.401 460 12		5.78	−3.30	9.41	0.70	0.62	0.70	0.83	0.65	−6	+9	+7	−12	−4	+12	−4	−17	+1	−21	0	2.07
40512		08 16 15.33	+09 24 23.2	7.67		H	124.063 884 40	+09.406 444 50		1.68	1.07	−15.90	1.36	0.68	1.14	1.42	0.90	−10	+43	−19	−16	−13	−11	−22	+2	−11	+8	0	3.46
40513		08 16 16.85	+74 29 39.2	8.22		H	124.070 224 59	+74.494 234 58		2.66	−3.08	0.77	0.69	0.75	0.99	0.83	0.77	+13	+25	+1	+12	−13	+13	−13	−16	−2	+6	0	0.51
40514		08 16 17.45	−86 33 26.7	6.76		H	124.072 717 91	−86.557 403 79		10.44	−30.23	45.59	0.49	0.48	0.55	0.60	0.60	−8	−4	+6	+5	+2	−3	+1	−11	−9	−17	1	0.79
40515		08 16 18.43	−44 20 36.6	9.09		H	124.076 773 59	−44.343 512 52		2.48	−6.42	10.20	0.72	0.74	0.88	0.85	0.78	+13	+10	+6	+28	+0	+24	−2	−21	+9	+10	0	2.83
40516		08 16 21.46	−45 09 50.4	8.94		H	124.089 422 62	−45.163 998 45		0.88	−10.76	11.94	0.74	0.73	0.90	0.88	0.80	+9	+17	+9	−20	−6	−16	−2	−27	+23	−10	1	0.23
40517		08 16 22.37	+63 43 48.6	7.75		H	124.093 198 58	+63.730 176 86		11.42	−43.98	−28.72	0.68	0.64	1.00	0.69	0.77	−8	+21	−27	+17	+14	−1	+25	−14	+20	+20	0	0.86
40518		08 16 23.17	−17 22 04.2	10.53		G	124.096 557 64	−17.367 827 17		15.78	−181.05	40.98	1.62	1.48	2.06	1.84	1.78	−9	+34	−10	+7	−7	−15	−14	+14	−18	+1	0	−0.77
40519		08 16 25.00	−36 12 09.4	7.18		H	124.104 175 69	−36.202 615 41		2.83	−10.50	7.03	0.45	0.51	0.65	0.52	0.53	+5	−7	+16	−6	+10	+9	+7	−10	−5	−2	0	0.18
40520		08 16 25.17	−39 45 11.2	6.98		H	124.104 887 13	−39.753 099 81		7.24	−5.17	4.70	0.46	0.49	0.61	0.47	0.53	−3	+12	+8	+3	−6	+2	−7	−14	+12	−15	0	0.67
40521		08 16 25.42	−02 53 08.3	9.20		H	124.105 908 36	−02.885 641 52		0.51	2.77	−4.85	1.06	0.97	1.49	1.55	1.30	−24	+15	−32	+20	+22	−26	+11	+33	−19	−4	0	−0.37
40522		08 16 25.89	+35 33 02.8	7.99		G	124.107 887 71	+35.550 790 98		3.28	−15.86	−37.52	0.97	0.47	1.02	1.22	0.67	−2	+17	−5	−32	−16	+1	−15	+2	−9	−14	0	−1.53
40523	H	08 16 26.53	−03 13 34.0	7.16		G	124.110 557 07	−03.226 118 76	A	12.79	−108.55	13.01	1.11	1.04	1.32	1.31	1.22	−24	+4	−28	+11	+1	−2	+6	+43	−37	−36	4	0.34
40524		08 16 29.07	+30 58 05.4	11.16		G	124.121 105 23	+30.968 176 55		15.38	−62.99	−211.30	2.01	1.11	2.38	2.48	1.62	−26	+32	−16	−13	−1	−3	−2	+0	−1	−24	3	0.28
40525		08 16 29.94	+14 24 42.6	9.39		H	124.124 751 47	+14.411 826 92		7.85	23.09	−0.87	1.40	0.71	1.46	1.80	1.13	−10	+34	−25	−15	+9	−30	−14	+38	−15	+24	4	0.68
40526		08 16 30.95	+09 11 08.4	3.53		G	124.128 951 01	+09.185 662 95		11.23	−46.80	−48.65	1.34	0.60	0.97	1.47	0.77	+4	+27	−26	+21	−2	−18	−12	+17	−12	+22	4	2.10
40527		08 16 31.21	+79 30 04.1	8.40		H	124.130 061 41	+79.501 136 97	A	13.11	−53.51	−67.77	3.34	3.40	3.49	3.27	3.65	+4	+23	−1	−10	−6	+4	−7	−19	−3	+19	1	0.60
40528		08 16 31.35	−52 45 36.1	7.13		H	124.130 644 75	−52.760 038 51		1.89	−10.47	10.42	0.46	0.45	0.51	0.57	0.47	+11	+4	+6	+7	−12	−2	−10	−9	+9	+9	0	0.69
40529		08 16 31.87	+22 56 24.9	9.03		H	124.132 779 11	+22.940 255 60		0.50	−3.41	−8.05	0.95	0.68	1.07	1.28	0.84	−8	+27	−25	−8	+11	−31	+0	+13	−5	+12	0	0.43
40530		08 16 32.84	+11 02 37.3	7.38		H	124.136 832 15	+11.043 681 65		2.37	−0.12	−31.27	0.87	0.47	0.91	1.08	0.74	−8	+11	−15	−24	−5	−33	−18	+35	−11	+2	2	1.48
40531		08 16 33.00	+37 16 53.9	9.16		H	124.137 518 42	+37.281 635 80		4.22	−3.18	3.10	1.07	0.57	1.22	1.32	0.86	−10	+39	+2	−7	−6	−11	−9	+2	−9	−26	2	0.48
40532		08 16 33.13	+79 30 24.2	8.66		H	124.138 052 15	+79.506 715 68	B	14.55	−51.59	−67.64	7.52	7.67	5.10	4.91	5.46	+14	+24	+6	−4	−5	+7	−7	−15	−7	+24	1	0.60
40533		08 16 33.43	+44 56 08.7	7.90		G	124.139 275 03	+44.935 739 95		7.22	−28.22	−38.30	0.92	0.55	1.01	1.48	0.90	+7	+27	−17	+5	+1	+6	+3	+5	+6	+33	0	1.48
40534		08 16 33.83	+11 43 34.6	7.04	3	H	124.140 938 97	+11.726 268 32	*	−0.27	5.09	−11.73	3.01	1.19	3.45	2.28	1.48	−74	−75	+71	+20	−38	−57	−52	+64	+39	−19	0	1.50
40535		08 16 35.03	+59 13 41.6	8.36		H	124.145 958 25	+59.228 222 34		2.48	−34.44	−28.03	0.77	0.64	1.05	1.05	0.79	−2	+19	−8	−46	−10	−2	−13	−40	+9	+41	0	−0.55
40536		08 16 35.63	+54 04 20.1	8.66		H	124.148 439 43	+54.072 263 76		7.23	−8.13	−62.39	1.52	0.83	1.34	1.59	1.24	+20	+22	−34	−72	−45	−2	−54	−42	+17	+36	0	1.22
40537		08 16 37.47	−49 53 43.2	8.18		H	124.156 139 35	−49.895 334 00		1.17	−5.48	3.41	0.62	0.57	0.68	0.74	0.61	+8	+3	+6	−10	−6	−3	−4	−1	+11	−2	1	1.08
40538		08 16 37.84	−51 27 31.3	9.03		H	124.157 667 67	−51.458 685 20		2.94	0.10	−10.04	0.69	0.62	0.74	0.73	0.62	+4	+16	+7	−12	−3	−2	+0	−14	+16	−1	0	0.14
40539		08 16 38.74	−33 10 38.4	8.54		H	124.161 407 15	−33.177 323 90		12.08	−11.09	−14.85	0.60	0.78	1.04	0.71	0.74	+5	+3	+17	+9	+7	+23	+3	−23	+4	+5	0	0.73
40540		08 16 40.11	−70 14 21.9	9.26		H	124.167 133 97	−70.239 402 79		2.55	−10.09	1.84	0.89	0.82	0.90	1.09	0.82	−4	−6	+17	−18	−6	+18	−7	−21	−4	−19	0	1.34
40541		08 16 42.45	+07 23 22.9	8.07		H	124.176 893 81	+07.389 691 37		5.74	−13.58	−15.51	1.06	0.55	1.10	1.37	0.80	−7	+35	−16	−18	−7	−20	−17	+22	−3	+13	2	0.29
40542		08 16 42.77	−09 03 12.6	7.63		H	124.178 201 34	−09.053 502 98		1.73	−11.27	−1.30	0.93	0.70	1.00	1.17	0.90	−27	+33	−20	+25	−12	−5	−14	+46	+0	−16	0	1.04
40543		08 16 44.56	−21 52 55.5	6.97		H	124.185 649 23	−21.882 083 68		2.06	−4.36	3.21	0.64	0.56	0.82	0.82	0.66	+6	+10	−31	−32	−6	−2	−4	−28	+11	−17	2	1.83
40544		08 16 45.49	+21 13 51.8	7.63		G	124.189 523 33	+21.231 049 02		5.39	−23.17	−12.51	0.98	0.72	1.18	1.38	0.97	−4	+0	−44	+11	+23	−23	+13	+27	−31	+14	0	0.04
40545		08 16 45.79	+07 22 21.7	7.60		H	124.190 772 49	+07.372 706 01		8.90	−48.92	−78.01	1.04	0.55	1.07	1.28	0.74	−6	+36	−15	−15	−17	−15	−19	+17	+4	+3	0	−0.55
40546		08 16 46.86	+40 07 53.2	11.81	3	H	124.195 232 91	+40.131 457 62	*	−18.03	4.91	−4.26	33.82	3.65	43.42	31.60	31.50	+10	−97	−9	−24	−20	+38	−88	+2	+94	+57	0	−0.55
40547		08 16 47.21	−64 24 11.5	7.80		H	124.196 687 81	−64.403 186 56		2.41	−7.67	10.79	0.56	0.58	0.61	0.48	0.59	+15	+2	+18	−36	−29	−6	−29	−19	+2	−17	0	0.52
40548	H	08 16 47.64	−09 00 51.3	7.07		G	124.198 489 21	−09.014 250 32	A	6.52	−10.84	−22.98	1.01	0.82	1.05	1.10	0.93	−40	+34	−2	+27	−19	+3	−19	+53	+14	−32	0	0.29
40549		08 16 47.98	+75 44 35.5	7.63		H	124.199 902 14	+75.743 193 80		15.15	−45.66	−92.77	0.52	0.61	0.77	0.57	0.64	+9	+12	−12	+1	+18	−9	+15	−12	−6	+10	0	−0.53
40550		08 16 48.51	+72 44 41.4	8.58		H	124.202 119 86	+72.744 846 22		3.59	−45.46	21.71	0.62	0.73	0.97	0.72	0.87	+16	+13	−1	−4	−8	+9	−8	−12	−3	+24	0	0.28
40551		08 16 51.72	−19 09 58.9	8.79		H	124.215 506 17	−19.166 367 59		−0.37	−5.70	5.07	0.83	0.76	1.12	0.97	0.82	−19	+0	−23	−3	−9	−20	−13	+3	−11	−29	0	−0.05
40552		08 16 52.09	−15 09 07.1	7.20		H	124.217 059 71	−15.151 979 73		1.98	−13.91	8.43	0.64	0.57	0.85	0.70	0.68	−23	+40	−22	+5	−3	−10	−7	+17	−5	−12	0	−0.10
40553		08 16 52.17	−12 35 26.7	8.97		H	124.217 374 19	−12.590 760 02		1.88	0.45	2.58	0.88	0.92	1.33	0.97	1.05	−36	+28	−39	−1	−19	−11	−27	+37	−15	−33	2	−0.58
*40554	H	08 16 52.79	−16 14 15.2	8.99		H	124.219 958 96	−16.237 555 25	A	−0.59	−1.25	1.33	1.46	1.27	1.70	1.57	1.52	−16	+14	−23	−7	−2	−15	−5	+23	−11	+0	1	−0.49
*40555		08 16 52.79	−76 25 36.3	8.39		H	124.219 949 75	−76.426 758 37		13.39	−65.61	63.43	0.66	0.61	0.68	0.88	0.73	+4	+9	+17	+2	−11	−4	−9	+16	+1	+0	1	0.03
40556		08 16 52.95	−64 11 13.6	6.67		G	124.220 621 77	−64.187 098 78		5.52	−15.18	16.90	0.47	0.48	0.50	0.41	0.48	+19	+7	+17	−34	−27	−7	−27	−26	−1	−13	0	1.96
40557		08 16 53.01	−53 37 34.9	7.37		H	124.220 861 12	−53.626 368 98		5.39	−34.67	4.41	0.52	0.50	0.58	0.65	0.57	+9	+23	+3	+3	−3	+6	−3	−3	−2	+10	0	−0.01
40558		08 16 53.20	+10 32 25.5	8.60		H	124.221 673 81	+10.540 413 50		5.73	−11.74	−29.49	1.06	0.60	1.15	1.31	0.87	−9	+25	−24	−28	+0	−42	−17	+30	−10	+4	4	2.14
40559		08 16 53.96	+84 03 27.7	6.45		H	124.224 840 99	+84.057 688 61		5.74	−9.68	−19.14	0.48	0.43	0.55	0.56	0.49	+12	+26	−4	+27	+6	+18	+7	+4	+2	+14	1	2.55
40560		08 16 54.10	+32 27 49.2	9.28		H	124.225 402 65	+32.463 667 50		3.79	10.56	−7.58	1.09	0.63	1.33	1.44	1.07	−17	+18	+0	+1	−24	−35	−24	+32	+3	−39	0	0.26
40561		08 16 54.23	−21 19 14.4	6.60		H	124.225 966 65	−21.320 668 02		5.37	−9.52	7.36	0.55	0.51	0.75	0.67	0.61	+21	+11	−17	−16	−13	+0	−15	−31	+12	+1	2	1.97
40562		08 16 54.82	+43 16 14.4	8.91		H	124.228 403 83	+43.270 663 37		12.61	21.49	−21.67	1.17	0.73	1.47	1.88	1.26	−1	+19	−12	+4	−1	+32	+6	+6	+23	+25	0	0.94
40563	H	08 16 55.10	−34 51 34.5	8.58		G	124.229 603 14	−34.859 573 08	A	6.26	−27.37	−18.16	1.66	1.83	1.98	1.38	1.44	−1	+15	+6	+3	+9	+14	+7	−6	+10	−15	1	−0.25
40564		08 16 55.88	+18 04 45.4	8.37		H	124.232 817 97	+18.079 286 67		1.19	−0.02	−19.45	1.16	0.62	1.14	1.40	1.06	−12	+17	−17	−46	−3	−19	−8	+7	−20	−15	2	1.72
40565		08 16 56.63	+21 55 11.5	8.44		H	124.235 962 55	+21.919 862 10		6.63	30.83	−21.88	0.97	0.71	1.19	1.21	0.94	−20	+7	−32	+3	+10	−29	−1	+30	−28	−6	0	−2.43
40566		08 16 56.92	+64 35 28.5	8.52		H	124.237 156 39	+64.591 245 42		7.63	−79.05	9.53	0.74	0.71	1.14	0.80	0.82	+5	−2	−3	+25	−10	+5	−9	+17	+0	+32	1	−1.12
40567		08 16 56.92	+48 33 59.5	8.72		H	124.237 158 33	+48.566 531 91		0.14	−10.07	−3.46	1.17	0.79	1.33	2.04	1.49	+20	+14	−10	+34	+11	+22	+18	+24	+33	+48	0	0.84
40568		08 16 57.24	−53 42 09.2	7.75		H	124.238 480 76	−53.702 544 08		5.98	−9.56	11.01	0.52	0.49	0.57	0.69	0.57	+8	+13	+3	+8	−4	+2	−3	+1	−5	+13	0	−0.11
40569		08 16 57.45	−35 24 29.9	10.57		G	124.239 368 62	−35.408 304 61		13.77	186.61	−177.43	1.07	1.32	1.63	1.13	1.33	+2	+4	+17	−2	−4	+2	−5	−19	−7	−1	0	1.97
40570		08 16 58.08	+59 11 21.8	6.58		H	124.242 000 97	+59.189 395 05		5.60	2.66	−12.71	0.57	0.48	0.78	0.71	0.54	−7	+16	−16	−32	−2	−2	+0	−34	+16	+35	1	1.45
40571		08 16 58.28	+22 45 45.5	8.76		H	124.242 841 26	+22.762 647 92		3.64	−13.91	−37.85	1.02	0.72	1.16	1.25	0.97	−23	+25	−21	+7	−3	−30	−11	+39	−2	−15	0	0.83
40572		08 16 59.59	−57 27 44.4	8.62		H	124.248 298 58	−57.462 325 19		2.15	0.70	−13.63	0.62	0.60	0.68	0.66	0.58	−1	+6	+28	+8	+6	+8	+1	−18	+3	−12	0	−0.50
40573		08 17 00.73	+41 56 19.8	9.27		H	124.253 062 07	+41.938 828 50		5.49	6.40	−8.16	1.20	0.74	1.41	1.71	1.13	+0	+22	+13	+3	−12	+2	−6	+13	+20	−23	2	1.25
40574		08 17 00.74	−43 05 35.9	9.07		H	124.253 085 43	−43.093 310 32		3.97	−6.14	9.76	0.66	0.73	0.85	0.77	0.79	−10	+8	+19	−12	+23	+27	+15	−36	−4	−28	0	1.19
40575		08 17 01.30	−45 45 07.2	8.00		G	124.255 398 87	−45.751 994 35		4.62	−28.15	18.17	0.63	0.62	0.76	0.72	0.68	+10	+8	+7	−12	−4	−9	−3	−25	+23	−6	0	0.94
40576		08 17 03.41	−33 00 27.0	7.88		H	124.264 202 23	−33.007 504 70		5.87	−17.18	7.33	0.49	0.60	0.83	0.61	0.63	+7	+8	+4	+5	+0	+22	−1	−25	+5	+3	1	0.18
40577		08 17 06.21	−34 29 50.1	7.59		H	124.275 886 61	−34.497 251 03		3.28	−10.94	9.23	0.48	0.53	0.70	0.53	0.51	+8	+2	+15	+15	+6	+12	+3	−12	−2	+6	1	0.57
40578		08 17 06.49	−10 51 50.5	7.99		H	124.277 033 03	−10.864 032 26		1.95	15.58	−2.61	0.87	0.70	1.05	1.23	0.90	+3	+9	−32	+4	+0	−12	−6	+21	−3	+25	0	−0.13
40579		08 17 07.05	−68 41 08.4	11.39		H	124.279 367 98	−68.685 654 23		3.89	−18.44	47.83	1.75	1.68	1.87	2.04	1.71	−3	+20	+18	−3	−5	−11	−2	−6	+5	−23	0	0.43
40580		08 17 07.36	+11 21 04.6	7.70		H	124.280 646 54	+11.351 269 58		2.52	4.03	−24.46	0.92	0.51	1.01	1.14	0.74	−14	+19	−28	−29	+1	−40	−22	+36	−14	+7	2	1.32
40581		08 17 09.61	−03 21 49.3	6.72		G	124.290 033 45	−03.363 697 39		6.14	−6.87	−10.83	0.71	0.66	1.03	0.91	0.88	−23	+6	−34	+27	+7	−34	−2	+50	−25	−19	0	−0.32
40582		08 17 09.70	−10 39 43.0	9.62		H	124.290 405 15	−10.661 936 31		2.55	−0.39	−0.33	1.25	1.14	1.70	1.78	1.48	−3	+20	−30	+26	+17	−27	+7	+32	−18	+23	0	0.71
40583	H	08 17 11.47	−44 40 00.4	8.91		G	124.297 792 08	−44.666 789 15	*	1.36	−9.24	6.11	0.67	0.69	0.83	0.83	0.75	+11	+11	+0	+3	−8	+10	−7	−22	+13	+8	0	−0.06
40584		08 17 11.57	−12 53 00.1	8.72		H	124.298 211 23	−12.883 367 10		3.96	−3.50	−3.86	0.90	0.86	1.18	0.99	1.05	−44	+30	−28	+7	−27	−6	−31	+40	−9	−42	0	−0.53
40585	H	08 17 12.08	−65 39 26.0	8.85		H	124.300 339 61	−65.657 212 86	A	4.04	−18.73	19.88	1.76	1.68	1.67	1.69	1.61	−12	+8	+20	−19	−4	−13	−6	−24	+4	−37	2	0.10
40586		08 17 12.57	−47 39 56.0	8.17		G	124.302 370 32	−47.665 559 53		2.48	−8.04	10.25	0.62	0.60	0.74	0.75	0.66	+3	−7	+19	+0	−2	+14	−6	−14	+14	+2	0	0.45
40587	H	08 17 12.93	−39 08 54.0	8.38		H	124.303 857 57	−39.148 341 25	*	2.42	−0.05	−6.58	1.11	1.43	0.90	0.71	0.87	−20	−7	−2	+7	−14	−3	−12	+6	−3	−33	1	−0.34
40588		08 17 14.66	−40 14 29.4	7.83		H	124.311 076 57	−40.241 500 39		3.64	−17.09	12.89	0.50	0.52	0.66	0.54	0.60	−3	−4	+12	−2	+3	+13	+2	+5	+3	−14	0	0.96
40589		08 17 14.79	−17 23 12.0	9.28		H	124.311 636 01	−17.386 665 72		2.81	−2.92	0.68	1.04	1.05	1.47	1.19	1.34	−17	+41	−16	+13	−8	+1	−10	+16	−7	−3	0	0.62
40590		08 17 15.10	−35 30 03.5	8.56		H	124.312 906 16	−35.500 965 13		6.56	40.27	−85.99	0.60	0.73	0.90	0.68	0.73	+2	−4	+8	+8	−3	−8	−3	−14	−6	+0	1	−0.59
40591		08 17 15.50	−23 44 07.7	8.42		H	124.314 572 72	−23.735 484 02		2.98	2.05	−5.73	0.60	0.73	1.02	0.68	0.87	−18	+14	−28	+22	+3	−16	−2	+31	−14	−29	1	0.24
40592	H	08 17 15.70	−05 22 09.0	7.73		G	124.315 411 09	−05.369 173 31	A	9.03	−26.07	26.78	1.54	1.27	1.44	1.30	1.11	−28	+10	−27	−12	+2	−29	−11	+26	−3	−19	1	0.13
40593		08 17 16.64	−13 48 30.5	10.69	3	H	124.319 349 37	−13.808 475 69		0.94	7.77	3.68	1.68	1.25	1.95	2.07	1.93	−30	+1	+8	−25	−11	−4	−8	+22	+15	−41	5	1.02
40594		08 17 16.66	−46 53 35.7	7.52		H	124.319 412 48	−46.893 260 82		4.80	−6.32	6.99	0.60	0.57	0.71	0.71	0.61	+4	−5	+17	−13	+0	+10	−3	−21	+19	+4	0	0.41
40595		08 17 16.90	+24 40 40.8	9.37		G	124.320 415 47	+24.678 000 45		7.21	−17.14	−4.89	1.30	0.75	1.43	1.46	1.13	−16	+17	−23	−22	−7	−6	−12	+30	−29	−16	0	−0.55
40596	H	08 17 17.62	−42 31 17.6	7.16	2	G	124.323 428 69	−42.521 544 32	A	0.14	−3.00	4.04	0.89	0.91	0.99	0.93	0.87	−9	−3	+11	−3	+14	−4	+8	−26	+7	−25	0	1.28
40597		08 17 18.47	+04 13 09.0	6.53		H	124.326 946 55	+04.219 153 75		3.11	−5.43	6.18	0.87	0.54	1.02	1.16	0.65	−28	+33	−33	−5	−9	+15	−8	+2	−14	−14	5	1.06
40598		08 17 19.01	−01 50 19.4	8.37		H	124.329 212 51	−01.838 727 59		1.43	−1.33	−6.21	0.94	0.73	1.21	1.18	0.95	−14	+32	−22	+29	+14	−17	+10	+43	+0	−3	2	3.27
40599		08 17 19.52	−69 27 51.0	8.65	1	H	124.331 328 34	−69.464 176 25		2.21	0.89	−3.68	0.76	0.70	0.77	0.86	0.67	−3	+3	+17	+5	−4	+13	−8	−19	+3	−15	4	1.33
40600		08 17 19.58	−47 55 12.4	6.87		H	124.331 594 13	−47.920 101 79		2.40	−7.31	8.94	0.53	0.46	0.58	0.61	0.51	+5	+1	+13	+17	+0	+6	+0	+6	+17	+3	2	0.22

22991	49341

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
40501	12.305	0.231	10.322	0.060		1.510	0.010	G	2.15	0.08	I	10.1427	0.0031	0.023	59		10.10	10.17					1						G
40502	9.434	0.017	9.001	0.017		0.409	0.022	T	0.48	0.02	L	9.0729	0.0021	0.017	102		9.04	9.10		C			1						
40503	8.927	0.014	6.996	0.007		1.603	0.012	T	1.62	0.01	L	6.9277	0.0016	0.011	78		6.91	6.94					1						S
40504	10.869	0.044	8.961	0.015		1.618	0.038	T	1.98	0.10	O	8.8479	0.0036	0.030	113		8.80	8.90		U 2			1						
40505	8.920	0.014	7.498	0.008		1.190	0.015	G	1.15	0.01	H	7.5480	0.0014	0.011	86		7.53	7.57		C			1						S
40506	8.409	0.011	7.374	0.007		0.890	0.010	T	0.90	0.01	L	7.4312	0.0012	0.012	149		7.41	7.45		C	08162−3553	I 1	1 G						S
40507	8.140	0.010	7.879	0.010		0.252	0.015	G	0.28	0.02	H	7.9364	0.0015	0.011	92		7.91	7.96					1						S
40508	9.252	0.019	7.799	0.011		1.225	0.017	T	1.18	0.02	L	7.8154	0.0012	0.011	76		7.80	7.84		C			1						S
40509	8.896	0.014	8.868	0.018		0.026	0.020	T	0.04	0.02	L	8.8940	0.0020	0.015	106		8.87	8.92		C			1						
40510	9.831	0.017	9.342	0.017		0.460	0.022	T	0.53	0.02	L	9.4234	0.0016	0.018	163		9.39	9.45		C	08162+5705	I 2	1						
40511	8.977	0.013	8.640	0.014		0.389	0.015	G	0.45	0.02	H	8.6734	0.0017	0.015	103		8.65	8.69		C			1						
40512	9.442	0.041	7.823	0.020		1.354	0.015	G	1.32	0.02	H	7.8237	0.0008	0.010	81		7.80	7.84		D			1 G						S
40513	10.098	0.023	8.387	0.011		1.408	0.006	G	1.38	0.05	L	8.3659	0.0015	0.015	125		8.34	8.41		C			1						
40514	6.831	0.004	6.767	0.005		0.064	0.006	T	0.07	0.01	L	6.7887	0.0009	0.009	120		6.77	6.81					1						S
40515	9.079	0.012	9.105	0.016		−0.022	0.017	T	0.00	0.02	L	9.0881	0.0021	0.020	133		9.05	9.11		C			1						
40516	10.211	0.026	9.053	0.016		0.994	0.024	T	0.97	0.02	L	9.1033	0.0017	0.016	131		9.07	9.13		C			1						
40517	8.282	0.010	7.805	0.009		0.449	0.012	T	0.52	0.01	L	7.8524	0.0015	0.014	116		7.83	7.88		C			1						S
40518	12.051	0.184	10.703	0.085		1.134	0.004	G	1.22	0.01	I	10.6462	0.0035	0.025	77		10.60	10.69		C			1 G						G
40519	7.003	0.004	7.149	0.007		−0.137	0.005	G	−0.13	0.01	H	7.1295	0.0009	0.010	146		7.12	7.15		C			1						S
40520	8.256	0.008	7.089	0.005		1.001	0.007	T	0.98	0.01	L	7.1437	0.0010	0.010	147		7.13	7.16					1						S
40521	11.098	0.063	9.348	0.024		1.459	0.053	T	1.47	0.08	L	9.3313	0.0020	0.015	67		9.31	9.36		C			1						
40522	7.958	0.009	7.974	0.012		−0.022	0.005	G	0.00	0.01	H	7.9953	0.0013	0.008	98		7.98	8.01		C			1						S
40523	7.925	0.009	7.304	0.008	A	0.583	0.009	G	0.63	0.01	L *	7.3492	0.0013	0.009	72	*	7.34	7.36		C	08164−0314	I 1	2 C B	AB	237	1.484	0.047	3.47	0.30	S
40524						1.110	0.020	G	1.19	0.03	I	11.2391	0.0037	0.039	131		11.16	11.30					1						G
40525	10.003	0.027	9.442	0.025		0.525	0.033	T	0.60	0.04	L	9.5091	0.0023	0.020	94		9.48	9.55		C			1 S						
40526	5.477	0.004	3.696	0.003		1.481	0.006	G	1.47	0.02	A	3.6714	0.0010	0.006	73		3.66	3.68			08165+0911	I 1	1 G						S
40527	8.940	0.012	8.358	0.011	A	0.544	0.014	T	0.62	0.01	L	8.5204	0.0254	0.154	164	A	8.21	8.64		D	08165+7930	I 2	1 C P D						D
40528	7.031	0.005	7.095	0.006		−0.054	0.007	T	−0.03	0.01	L	7.1156	0.0009	0.009	136		7.10	7.13					1						S
40529	9.298	0.022	9.098	0.027		0.254	0.015	G	0.29	0.02	H	9.1043	0.0024	0.015	64		9.08	9.14		C			1						
40530	9.046	0.014	7.524	0.008		1.279	0.013	T	1.24	0.01	L	7.5354	0.0010	0.009	105		7.52	7.56		C			1						S
40531	9.491	0.017	9.175	0.018		0.300	0.023	T	0.34	0.03	L	9.2311	0.0016	0.013	98		9.21	9.26		C			1						
40532	9.207	0.015	8.595	0.013	B	0.570	0.018	T	0.64	0.02	L	8.6788	0.0279			B				D	08165+7930	I 2	1 C I D						D
40533	8.169	0.009	7.895	0.011		0.261	0.013	T	0.29	0.02	L	7.9580	0.0015	0.010	85		7.94	7.98		C			1						S
40534	8.258	0.111	7.057	0.130		1.036	0.141	T	4.37	0.62	O	6.2883	0.2670	1.617	103		6.19	9.64	356.00	P 1 B			1 V						P
40535	9.701	0.019	8.475	0.012		1.047	0.018	T	1.02	0.01	L	8.5281	0.0011	0.015	147		8.50	8.56		C	08170+5912	I 2	1						
40536	9.237	0.014	8.715	0.013		0.490	0.017	T	0.56	0.02	L	8.7693	0.0018	0.018	120		8.74	8.80					1 G						S
40537	8.270	0.008	8.192	0.010		0.077	0.012	T	0.09	0.01	L	8.2157	0.0014	0.013	123		8.19	8.23		C	08166−4954	I 1	1						
40538	10.505	0.033	9.154	0.018		1.145	0.029	T	1.11	0.03	L	9.1938	0.0016	0.016	124		9.17	9.23		C			1						
40539	9.108	0.011	8.591	0.011		0.495	0.012	T	0.57	0.01	L	8.6503	0.0019	0.021	155		8.62	8.69					1						
40540	9.833	0.023	9.292	0.022		0.507	0.029	T	0.58	0.03	L	9.3765	0.0024	0.023	102		9.35	9.41					1						
40541	8.384	0.012	8.074	0.013		0.281	0.015	G	0.32	0.02	H	8.1477	0.0016	0.012	68		8.13	8.17		C			1						S
40542	9.503	0.022	7.763	0.010		1.451	0.019	T	1.45	0.03	L	7.7656	0.0016	0.012	57		7.74	7.78					1						S
40543	6.786	0.004	6.935	0.006		−0.142	0.009	G	−0.14	0.01	H	6.9219	0.0010	0.011	104		6.90	6.95					1						S
40544	8.848	0.018	7.722	0.012		0.948	0.015	G	0.94	0.01	H	7.7867	0.0013	0.011	56		7.77	7.81		C			1						S
40545	8.157	0.012	7.649	0.013		0.498	0.015	G	0.57	0.02	H	7.7096	0.0012	0.009	66		7.69	7.72		C			1						S
40546						1.500	0.510	G	3.92	0.96	K	11.3160	0.3141	1.256	40		10.52	13.25	297.00	P 1 B			1 V						G P
40547	7.759	0.007	7.785	0.010		−0.022	0.011	T	0.00	0.01	L	7.7974	0.0017	0.014	115		7.78	7.82					1						S
40548	7.097	0.006	7.123	0.009	A	0.007	0.001	G	0.03	0.00	H *	7.0749	0.0011	0.010	64	*	7.06	7.09		D	08168−0901	I 1	2 C A	AB	119	3.677	0.016	3.15	0.07	S
40549	8.199	0.008	7.681	0.007		0.486	0.010	T	0.56	0.01	L	7.7388	0.0013	0.015	157		7.71	7.76					1						S
40550	9.610	0.014	8.670	0.010		0.830	0.013	T	0.85	0.01	L	8.7338	0.0017	0.019	187		8.70	8.77		C			1						
40551	8.776	0.014	8.781	0.018		0.000	0.021	T	0.02	0.02	L	8.7989	0.0020	0.019	88		8.77	8.84		C			1						
40552	9.123	0.017	7.347	0.008		1.480	0.015	G	1.51	0.02	A	7.3278	0.0018	0.012	81		7.31	7.35			08169−1509	I 1	1						S
40553	9.081	0.016	8.965	0.019		0.112	0.023	T	0.13	0.02	L	9.0083	0.0021	0.021	102		8.97	9.04		C			1						
40554	9.200	0.017	9.148	0.022	A	0.000	0.495	G	0.08	0.07	L *	9.0226	0.0026	0.018	84	*	8.99	9.04		D	08169−1614	I 1	2 C A	AB	189	3.467	0.009	1.77	0.04	
40555	9.085	0.016	8.465	0.014		0.574	0.016	T	0.65	0.01	L	8.5101	0.0014	0.014	114		8.49	8.53		C			1						
40556	6.573	0.004	6.660	0.005		−0.070	0.002	G	−0.05	0.00	H	6.6542	0.0008	0.006	107		6.64	6.67		C			1						S
40557	8.775	0.011	7.493	0.007		1.100	0.015	G	1.06	0.02	H	7.5355	0.0014	0.010	121		7.52	7.55					1						S
40558	8.938	0.014	8.616	0.015		0.306	0.019	T	0.35	0.03	L	8.6798	0.0020	0.014	89		8.65	8.71		C			1						S
40559	6.509	0.004	6.458	0.004		0.052	0.005	T	0.06	0.00	L	6.4760	0.0007	0.007	124		6.46	6.49		C			1						S
40560	10.868	0.044	9.381	0.020		1.252	0.038	T	1.21	0.04	L	9.4477	0.0016	0.015	131		9.42	9.48					1						
40561	6.624	0.005	6.605	0.005		0.018	0.002	G	0.04	0.00	H	6.6178	0.0008	0.008	113		6.61	6.63					1						S
40562	9.849	0.025	9.000	0.019		0.746	0.024	T	0.79	0.02	L	9.0494	0.0024	0.019	80		9.02	9.08					1						
40563	8.940	0.017	8.415	0.016	*	0.481	0.015	G	0.55	0.02	H *	8.6768	0.0018	0.020	169	*	8.65	8.71		D	08169−3452	I 1	2 C A	AB	139	2.259	0.004	0.50	0.02	
40564	10.633	0.053	8.530	0.017		1.739	0.044	T	1.77	0.04	L	8.4761	0.0020	0.015	68		8.45	8.50		C			1						
40565	9.121	0.020	8.524	0.019		0.557	0.024	T	0.63	0.02	L	8.5570	0.0020	0.014	67		8.53	8.59		C			1						
40566	9.608	0.016	8.616	0.011		0.868	0.014	T	0.88	0.01	L	8.6800	0.0020	0.021	141		8.65	8.71		C	08170+6435	I 1	1						
40567	10.507	0.039	8.862	0.017		1.376	0.034	T	1.35	0.04	L	8.8694	0.0024	0.019	76		8.84	8.91		C			1						
40568	7.809	0.006	7.759	0.010		0.050	0.015	G	0.06	0.01	H	7.7724	0.0011	0.011	123		7.76	7.80		C			1						S
40569	11.949	0.143	10.680	0.067		0.952	0.015	G	1.00	0.01	I	10.7152	0.0038	0.036	146		10.63	10.78					1 S						G
40570	8.294	0.009	6.723	0.005		1.318	0.008	T	1.28	0.01	L	6.7323	0.0007	0.009	149		6.72	6.75			08170+5912	I 2	1						S
40571	9.228	0.018	8.787	0.018		0.416	0.023	T	0.48	0.02	L	8.8575	0.0016	0.015	75		8.83	8.88		C			1						
40572	10.242	0.028	8.757	0.014		1.250	0.025	T	1.21	0.03	L	8.7827	0.0017	0.016	125		8.76	8.82		C			1						
40573	9.958	0.029	9.353	0.026		0.564	0.034	T	0.64	0.03	L	9.3947	0.0023	0.022	75		9.37	9.45		C			1						
40574	9.222	0.013	9.105	0.016		0.106	0.019	T	0.12	0.02	L	9.1162	0.0023	0.020	117		9.08	9.14					1						
40575	9.344	0.014	8.122	0.009		1.070	0.015	G	1.03	0.02	A	8.1558	0.0012	0.013	128		8.13	8.18					1						
40576	8.060	0.007	7.891	0.008		0.154	0.010	T	0.17	0.01	L	7.9323	0.0012	0.014	151		7.91	7.96		C			1						S
40577	7.626	0.007	7.587	0.007		0.040	0.015	G	0.06	0.01	H	7.6059	0.0014	0.013	150		7.58	7.63			08171−3430	I 1	1						S
40578	9.872	0.028	8.123	0.013		1.458	0.024	T	1.46	0.04	L	8.1247	0.0020	0.014	71		8.10	8.14					1						
40579	12.034	0.144	11.214	0.109		0.740	0.138	T	0.79	0.10	L	11.5397	0.0048	0.057	115		11.44	11.64					1						G
40580	9.036	0.014	7.805	0.009		1.051	0.013	T	1.02	0.01	L	7.8656	0.0010	0.011	107		7.85	7.88					1						S
40581	6.624	0.006	6.697	0.006		−0.061	0.002	G	−0.04	0.00	H	6.7016	0.0012	0.008	67		6.69	6.72		C			1						S
40582	9.913	0.030	9.655	0.034		0.246	0.043	T	0.28	0.05	L	9.6904	0.0041	0.024	73		9.65	9.73					1						G
40583	8.851	0.010	8.920	0.014	*	−0.046	0.015	G	−0.02	0.01	H *	8.8976	0.0015	0.018	134	*	8.87	8.92			08172−4440	H 1	2 C S C	AB	287	0.183	0.063	2.18	1.06	
40584	10.110	0.028	8.837	0.017		1.084	0.026	T	1.05	0.02	L	8.8914	0.0014	0.011	86		8.87	8.91		C			1						
40585	9.395	0.016	9.010	0.017	*	0.364	0.021	T	0.43	0.02	L *	8.9341	0.0017	0.015	108	*	8.91	8.96		D	08172−6540	I 1	2 C A	AB	291	0.883	0.003	0.55	0.01	
40586	8.062	0.008	8.164	0.011		−0.070	0.015	G	−0.05	0.01	H	8.1480	0.0011	0.013	109		8.13	8.17		C			1						
40587	8.555	0.009	8.387	0.010	*	0.153	0.012	T	0.17	0.01	L *	8.4361	0.0016	0.016	147	*	8.41	8.47		D	08172−3909	H 1	2 C A	AB	340	0.298	0.008	1.65	0.10	
40588	7.855	0.008	7.828	0.007		0.025	0.009	T	0.04	0.01	L	7.8507	0.0011	0.010	142		7.83	7.87					1						S
40589	11.312	0.081	9.473	0.028		1.530	0.068	T	1.57	0.15	L	9.3968	0.0027	0.019	77		9.37	9.43					1						
40590	9.134	0.012	8.599	0.011		0.509	0.012	T	0.58	0.01	L	8.6733	0.0024	0.021	153		8.64	8.71					1						
40591	8.449	0.009	8.419	0.011		0.028	0.013	T	0.04	0.01	L	8.4366	0.0015	0.018	150		8.40	8.47					1						
40592	8.207	0.010	7.786	0.011	*	0.396	0.011	G	0.46	0.01	H *	7.8226	0.0010	0.008	80	*	7.81	7.84		D	08173−0522	I 1	2 C A	AB	86	0.462	0.003	0.70	0.02	S
40593						1.500	0.510	G	3.20	0.98	K	10.5395	0.2870	1.265	73		8.49	11.88	166.40	P 1 B			1						G P
40594	7.470	0.006	7.498	0.008		−0.023	0.009	T	0.00	0.01	L	7.5188	0.0017	0.012	104		7.50	7.54					1						S
40595	9.770	0.021	9.371	0.022		0.378	0.015	G	0.44	0.02	H	9.4485	0.0022	0.015	77		9.41	9.48		C			1						
40596	7.474	0.007	7.180	0.009	*	0.305	0.006	G	0.35	0.01	H *	7.2379	0.0030	0.025	128	*	7.20	7.30	9.36	P 1 A	08173−4231	I 1	2 C C	AB	232	5.127	0.046	3.92	0.19	S
40597	7.291	0.007	6.625	0.005		0.631	0.002	G	0.70	0.00	H	6.6669	0.0009	0.006	57		6.66	6.68		C			1						S
40598	10.009	0.027	8.491	0.014		1.276	0.024	T	1.24	0.03	L	8.5252	0.0016	0.013	78		8.51	8.54		C			1						
40599	10.839	0.042	8.862	0.015		1.639	0.035	T	1.66	0.04	L	8.7562	0.0027	0.024	111		8.72	8.80		U			1						
40600	6.713	0.004	6.848	0.005		−0.116	0.006	T	−0.10	0.01	L	6.8385	0.0008	0.008	110		6.83	6.86					1						S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
40601		08 17 21.85	−10 55 34.8	9.22		H	124.341 056 99	−10.926 345 47		4.47	0.44	−5.43	1.11	0.93	1.37	1.52	1.26	−13	+16	−21	−16	−8	−16	−14	+24	+0	−4	0	−3.19
40602		08 17 22.50	+52 55 34.6	8.43		G	124.343 770 51	+52.926 285 96		6.38	−16.57	−36.96	0.92	0.66	1.00	1.24	0.86	+7	+22	−2	+27	+10	−9	+8	+4	−2	+7	0	0.38
40603		08 17 22.89	+27 02 57.5	7.42		H	124.345 377 19	+27.049 298 34		2.32	31.71	−7.08	0.85	0.51	1.00	1.02	0.72	−37	+17	−3	−22	+3	−15	+1	−9	−6	−57	0	0.77
40604		08 17 23.14	−16 17 06.3	6.32		H	124.346 413 79	−16.285 092 82		3.80	−11.80	−7.68	0.57	0.51	0.78	0.61	0.60	−3	+31	−25	−7	−9	−15	−18	+21	−11	+11	0	−1.27
40605		08 17 23.25	−21 49 44.7	8.14		H	124.346 873 57	−21.829 089 55		2.40	−12.17	6.51	0.83	0.74	1.07	0.99	0.87	+9	+15	−20	−14	−6	+5	−5	−19	+3	−5	0	1.44
40606		08 17 25.96	−54 29 07.5	8.76		H	124.358 152 98	−54.485 404 05		7.08	−73.14	112.27	0.66	0.65	0.73	0.86	0.72	−5	−3	+10	+7	−1	−10	−1	−8	+6	−11	0	0.38
40607		08 17 26.72	−29 07 56.0	7.57		H	124.361 324 99	−29.132 222 66		3.96	18.01	−16.93	0.38	0.54	0.81	0.47	0.62	+20	+3	−6	+7	−3	+1	−3	−8	−7	+17	1	−2.47
40608		08 17 28.36	−32 52 12.3	6.94		H	124.368 173 00	−32.870 095 91		3.72	−20.07	20.50	0.41	0.49	0.68	0.53	0.53	+7	−1	+4	+4	−1	+21	−3	−24	+8	+4	2	−0.90
40609		08 17 28.53	+60 33 06.5	9.26		H	124.368 894 61	+60.551 798 39		2.53	−9.85	−15.02	0.83	0.93	1.41	0.80	0.96	−18	+25	−12	+41	+26	+5	+34	−35	+9	−7	0	1.00
40610		08 17 28.81	−62 51 52.3	8.79		H	124.370 043 83	−62.864 541 21		3.73	−3.58	11.26	0.71	0.71	0.78	0.86	0.87	−6	−5	+11	+1	−3	−6	−6	−10	+3	−30	1	0.54
40611		08 17 29.10	−26 18 07.1	7.32		H	124.371 237 42	−26.301 970 67		2.91	3.66	−13.51	0.46	0.47	0.79	0.46	0.46	+31	−11	−7	+20	+29	+3	+30	−4	+5	+39	0	−0.57
40612		08 17 29.34	−41 00 28.8	8.86		H	124.372 240 90	−41.007 988 26		1.75	−17.41	13.56	0.64	0.71	0.86	0.68	0.69	−11	−17	+27	−4	+1	−3	+1	−14	−1	−17	0	2.58
40613		08 17 29.43	−03 59 18.8	7.74		H	124.372 637 60	−03.988 548 93		20.46	−145.07	−438.72	0.76	0.69	1.16	0.94	0.97	−30	+19	−27	+9	+0	−30	−8	+44	−27	−26	2	1.84
40614		08 17 29.89	+55 58 12.1	10.64		H	124.374 525 33	+55.970 036 48		5.67	−27.72	28.95	1.55	1.31	2.04	2.13	1.60	−18	+10	−21	−19	−17	+19	−11	−6	−3	−27	0	0.63
40615		08 17 30.75	+69 41 21.5	9.73		H	124.378 134 92	+69.689 314 22		17.77	−34.26	−125.04	0.87	1.09	1.63	0.96	1.42	+33	+30	+17	+9	−14	+2	−18	+7	−4	+33	0	1.09
40616		08 17 31.47	+36 23 00.7	10.21		H	124.381 137 15	+36.383 538 76		3.57	−15.33	−33.55	1.67	0.86	1.91	2.31	1.37	−5	+25	−5	−9	−6	−4	−7	+13	−11	−11	0	1.94
40617		08 17 31.66	+08 51 58.8	6.28		H	124.381 915 24	+08.866 325 45		3.07	−13.49	−6.50	0.92	0.49	0.93	1.10	0.69	−3	+27	−16	−29	−14	−25	−20	+18	−7	−4	2	0.48
40618		08 17 32.13	−72 17 08.7	8.45		H	124.383 886 11	−72.285 745 08		1.75	−12.53	18.11	0.68	0.66	0.70	0.80	0.69	+9	+14	+2	−15	−11	−2	−9	−18	+5	−5	0	−1.39
40619		08 17 32.42	+27 24 08.4	7.61		H	124.385 063 41	+27.402 327 39		4.27	−22.61	−6.23	0.83	0.44	0.97	1.00	0.62	−36	+16	+3	−25	−5	−1	−3	−8	−8	−72	0	0.34
40620		08 17 34.03	+70 10 37.7	7.21		H	124.391 787 73	+70.177 150 86		2.50	12.16	−16.17	0.43	0.52	0.72	0.51	0.64	+25	+9	+3	−3	−26	+15	−25	−19	+7	+35	1	−1.17
40621		08 17 34.21	−58 41 51.1	7.00		H	124.392 542 15	−58.697 520 17		7.36	−9.95	18.82	0.45	0.43	0.48	0.51	0.39	+7	+4	+17	+7	−3	+0	−2	−10	+11	+3	1	0.02
40622		08 17 34.48	−25 00 08.5	7.63	2	H	124.393 656 46	−25.002 347 93		1.62	−8.00	4.45	0.55	0.58	0.88	0.60	0.69	−8	+15	−15	+27	+3	+6	−2	−13	+8	−25	0	0.13
40623		08 17 34.94	−18 57 22.3	7.89		H	124.395 568 01	−18.956 184 63		2.83	−11.52	−2.10	0.79	0.68	0.95	0.90	0.74	−21	+9	−19	−18	−13	−11	−12	+2	−8	−35	0	0.91
40624		08 17 35.52	+01 08 45.8	7.57		H	124.398 008 77	+01.146 059 32		1.41	−3.90	−14.21	0.96	0.60	1.06	1.24	0.85	−5	+30	−21	−18	−4	−11	−14	+20	−16	+13	0	−1.74
40625		08 17 36.28	+24 50 13.7	7.52		H	124.401 156 50	+24.837 150 71		5.39	13.14	−13.75	0.85	0.52	1.02	0.97	0.85	−21	+24	−22	−3	+4	−16	−4	+26	−35	−20	0	−0.03
40626		08 17 37.87	+06 14 42.0	7.39		H	124.407 787 45	+06.244 986 61		3.29	−12.82	−10.42	0.87	0.53	0.96	1.10	0.70	−11	+23	−10	−10	−17	−31	−20	+24	+1	−13	4	1.01
40627		08 17 38.88	+00 28 45.9	7.99		H	124.412 004 78	+00.479 407 12		2.54	−2.28	−10.12	0.91	0.67	1.16	1.17	0.90	−20	+21	−17	+29	+4	−22	+0	+51	−7	−14	0	−0.82
40628		08 17 40.78	+09 09 53.2	7.29	1	G	124.419 936 96	+09.164 768 29		1.16	10.14	−22.78	0.97	0.57	0.99	1.32	0.80	+0	+22	−21	−16	−17	−11	−21	+20	−2	+9	2	0.04
40629		08 17 41.30	−39 06 10.8	8.73		H	124.422 089 19	−39.102 991 91		1.93	−4.69	5.44	0.59	0.66	0.79	0.64	0.75	−4	+11	−5	+18	−13	−6	−15	+9	+3	−16	0	0.71
40630		08 17 42.03	−66 37 29.1	11.10		H	124.425 124 72	−66.624 752 56		7.07	−6.78	17.96	1.58	1.44	1.69	1.91	1.58	+0	+12	+6	−3	−9	−31	−7	−3	+6	−19	0	0.26
40631		08 17 42.72	+44 44 59.7	9.25		H	124.427 979 28	+44.749 923 23		3.79	−17.04	−32.35	1.32	0.84	1.42	2.17	1.35	+11	+28	−14	+33	+16	−1	+19	+26	+8	+36	0	−0.71
*40632		08 17 43.06	+43 29 57.3	8.73		H	124.429 399 33	+43.499 252 99		7.41	−9.34	−33.55	1.13	0.70	1.26	1.57	0.91	−5	+30	−17	+18	−4	+16	−2	+8	−3	+2	0	−0.21
*40633		08 17 43.04	−50 19 42.7	9.64		H	124.429 325 22	−50.328 530 68		4.63	−52.73	−2.35	0.99	0.89	1.10	1.18	0.98	+1	+24	+3	−16	−8	−17	−3	−11	+17	−14	0	−0.33
40634		08 17 43.31	+76 12 44.9	8.09		H	124.430 467 37	+76.212 462 20		10.49	−64.89	−110.35	0.58	0.62	0.81	0.60	0.67	+20	+11	−7	+9	+12	−4	+11	−4	−13	+25	0	−0.59
40635		08 17 44.06	+02 47 36.7	7.67		H	124.433 601 52	+02.793 530 43		3.33	−6.59	0.91	1.10	0.68	1.21	1.32	1.03	−19	+32	−11	−21	+20	−2	+13	−3	−26	−21	0	−0.29
40636		08 17 44.34	−55 53 31.0	7.24		H	124.434 736 30	−55.891 951 14		4.76	−42.64	79.64	0.51	0.47	0.54	0.58	0.47	−1	+2	+11	+6	+2	+13	+0	−2	−1	−7	1	−1.87
40637		08 17 44.95	−55 46 31.3	7.07		H	124.437 273 34	−55.775 364 87		3.80	−4.96	22.24	0.54	0.47	0.55	0.64	0.51	−7	+10	−3	−9	+1	+10	+2	−11	+7	−10	0	0.67
40638	H	08 17 44.99	−61 28 00.0	8.66	2	H	124.437 450 80	−61.466 672 37	A	3.38	15.14	−10.22	1.51	1.43	1.52	1.56	1.48	−12	−11	+2	+11	−6	−7	−11	−11	+33	−25	1	4.05
40639		08 17 46.15	−36 04 03.3	6.42	2	H	124.442 302 14	−36.067 594 73		0.76	−3.44	1.51	0.42	0.49	0.63	0.47	0.49	+5	−10	+19	−7	+10	+21	+5	−25	−6	−1	1	−0.17
40640		08 17 46.60	+25 26 31.9	8.35		H	124.444 154 03	+25.442 198 86		4.10	9.88	−4.19	1.00	0.61	1.14	1.08	1.01	−25	+36	−18	−10	−13	−14	−20	+36	−29	−34	0	0.11
40641		08 17 47.48	+37 52 03.7	8.47	2	G	124.447 820 01	+37.867 696 01		2.50	−12.75	−22.58	1.01	0.54	1.14	1.37	0.83	+1	+34	+6	−1	−6	−7	−13	−1	−21	−15	0	0.95
40642		08 17 49.11	−28 10 59.7	9.38		H	124.454 625 05	−28.183 248 57		3.52	0.41	6.48	0.72	0.88	1.50	0.86	1.03	+7	+3	+9	−34	+0	+4	+2	−8	−5	+0	0	1.60
40643		08 17 49.45	−18 38 52.2	8.82		H	124.456 052 32	−18.647 833 84		2.42	−7.97	−29.51	0.87	0.80	1.13	0.94	0.91	−22	+21	−16	−25	+0	−8	−4	−6	−22	−30	0	1.07
40644		08 17 49.96	+19 50 07.7	8.53		H	124.458 170 41	+19.835 474 94		6.02	−25.25	−6.54	2.48	1.37	2.58	2.86	2.15	−8	+7	−14	−33	−3	−11	−3	+16	−26	−14	0	
40645		08 17 50.36	+35 43 42.3	7.15		H	124.459 850 61	+35.728 417 77		6.65	−35.92	−10.08	0.94	0.50	0.96	1.08	0.59	−7	+26	−19	−30	−24	+6	−19	+1	−7	−20	0	−0.87
40646		08 17 50.42	+59 34 16.1	5.63		H	124.460 080 16	+59.571 128 46		10.73	−4.22	1.85	0.52	0.43	0.68	0.64	0.50	−2	+31	−15	−37	−6	−12	−8	−32	+1	+34	0	0.34
40647		08 17 50.91	−41 55 39.1	9.12		H	124.462 143 47	−41.927 521 49		1.09	−9.83	−5.79	0.72	0.80	0.92	0.73	0.85	−3	−5	+7	−7	+8	+1	+5	−30	+4	−16	0	0.11
40648	H	08 17 51.97	+02 27 42.1	8.08		H	124.466 535 11	+02.461 703 09	*	3.53	−9.35	−7.36	1.16	0.73	1.26	1.38	1.05	−32	+40	−20	−26	+27	−13	+17	−5	−18	−22	0	1.01
40649		08 17 52.14	−01 48 12.6	7.46		G	124.467 262 20	−01.803 497 75		6.52	−68.23	−224.00	0.75	0.62	1.02	1.02	0.80	−23	+22	−29	+24	+8	−29	−3	+48	−4	−7	0	3.04
40650		08 17 52.36	+21 10 39.4	8.63		H	124.468 173 56	+21.177 604 94		0.59	−2.60	−6.14	1.13	0.63	1.20	1.32	0.99	−2	+12	−21	−15	−1	−25	−8	+35	−24	+0	0	−0.97
40651		08 17 53.72	+43 24 35.2	7.65	2	G	124.473 851 05	+43.409 783 86		5.42	−0.70	10.07	0.90	0.55	0.99	1.28	0.73	+4	+15	−17	+5	−9	+10	−8	+4	−4	+2	0	−1.50
40652		08 17 54.60	−25 21 40.2	8.30		G	124.477 484 38	−25.361 166 70		7.07	−3.87	0.23	0.69	0.64	0.98	0.74	0.77	−3	+20	−10	+21	−5	+6	−9	−12	+12	−23	0	1.15
40653		08 17 54.85	+64 47 30.9	8.61		G	124.478 529 85	+64.791 927 30		5.42	11.94	−25.97	0.71	0.67	1.12	0.76	0.77	+9	−1	−6	+23	−13	+9	−11	+12	+1	+36	0	0.68
40654		08 17 55.41	+38 48 03.1	7.87		H	124.480 871 87	+38.800 848 26		5.04	−5.72	−12.14	0.94	0.53	1.04	1.34	0.75	+0	+15	−1	−1	−10	+1	−11	+0	−8	−2	2	−1.61
40655		08 17 55.79	−59 10 00.3	6.47		H	124.482 464 27	−59.166 762 67		12.84	−49.04	−25.86	0.46	0.40	0.46	0.52	0.38	+5	+7	+14	+26	+2	+2	+2	−13	+11	+2	0	0.43
40656		08 17 58.26	−30 00 13.3	6.43		H	124.492 754 94	−30.003 706 18		6.99	30.08	3.81	0.37	0.46	0.66	0.44	0.50	+15	−2	+2	+16	+9	+4	+7	−12	+8	+15	0	0.40
40657		08 17 59.24	+13 38 23.6	8.71		G	124.496 836 51	+13.639 899 95		1.46	10.99	−13.11	1.19	0.54	1.17	1.26	0.85	−16	+39	−23	−43	+0	−35	−22	+32	−18	+5	2	0.90
40658		08 17 59.36	+06 14 02.7	6.99		H	124.497 320 70	+06.234 070 73		4.75	−1.24	17.40	0.81	0.51	0.94	1.03	0.62	−20	+17	−22	−5	−14	−29	−19	+16	+8	−22	4	1.10
40659		08 18 00.20	−38 49 46.1	8.82		H	124.500 817 71	−38.829 482 88		2.19	−11.21	21.47	0.60	0.63	0.79	0.66	0.74	−4	+0	+2	+27	−6	+5	−10	−1	−2	−14	0	0.71
40660		08 18 00.43	−16 51 38.3	8.03		H	124.501 783 14	−16.860 650 18		1.96	−3.42	−0.67	0.79	0.74	1.06	0.99	0.93	+7	+20	−17	−6	−8	−24	−16	+16	−11	+20	2	−0.26
40661		08 18 01.14	−14 58 29.7	7.58		G	124.504 756 36	−14.974 920 93		4.61	−10.55	−7.34	0.63	0.62	0.90	0.73	0.78	−25	+26	−17	+10	−16	−13	−17	+31	+6	−20	0	1.42
40662		08 18 01.15	−47 05 30.8	7.05	1	G	124.504 806 14	−47.091 887 76		2.57	−8.99	10.32	0.55	0.51	0.64	0.64	0.52	+0	−2	+26	−14	+2	+7	+0	−18	+13	+0	0	−0.16
40663		08 18 01.78	−04 01 08.2	8.80		G	124.507 426 71	−04.018 948 31		21.83	−200.35	−37.25	1.00	0.98	1.58	1.25	1.41	−36	+21	−38	+0	+6	−22	−4	+40	−33	−33	0	0.86
40664		08 18 03.42	+66 06 06.4	9.68		H	124.514 250 26	+66.101 765 82		1.77	−9.24	−2.85	1.36	1.12	1.67	1.59	1.44	+7	+28	−17	+46	+1	+19	+9	+24	+2	+33	3	0.69
40665		08 18 03.56	+31 16 40.9	10.10		H	124.514 835 11	+31.278 031 73		5.26	−12.33	−41.18	1.35	0.77	1.65	1.72	1.14	−30	+29	−14	−5	−2	−1	−3	+3	−3	−32	3	−0.59
40666		08 18 05.03	−60 18 50.1	7.27	2	H	124.520 970 36	−60.313 925 84		1.57	−5.78	11.18	0.54	0.47	0.55	0.59	0.49	−5	−6	+1	+5	+5	−10	+3	−14	+19	−8	1	2.04
40667		08 18 06.62	+26 25 28.7	7.19		H	124.527 597 35	+26.424 646 14		4.44	−28.85	−15.41	0.79	0.46	0.87	0.98	0.77	−14	+29	−5	+10	+5	−2	+6	+25	−11	−19	2	0.10
40668		08 18 07.90	−51 58 10.4	11.22		G	124.532 914 47	−51.969 558 12		6.70	114.46	−144.56	1.43	1.33	1.51	1.66	1.36	+13	−1	+1	−26	−12	−8	−11	−25	+15	+6	0	−0.40
40669		08 18 08.33	+11 39 24.9	8.13		H	124.534 703 47	+11.656 921 24		3.69	−13.08	−30.92	0.97	0.62	1.15	1.15	0.80	−15	+18	−43	−27	−1	−31	−27	+40	−29	+8	2	0.87
40670		08 18 09.17	−48 16 50.9	11.54		H	124.538 215 66	−48.280 807 84		18.32	−24.36	−76.79	1.80	1.59	2.05	2.08	1.61	+6	+21	+30	+20	−4	−4	−3	−5	+12	−9	4	0.60
40671		08 18 10.97	+30 36 10.1	8.82		H	124.545 714 65	+30.602 817 36		44.34	−281.96	−823.59	1.04	0.50	1.31	1.17	0.75	−24	+41	+2	−10	−12	−5	−10	+8	−1	−48	0	−0.91
40672		08 18 11.88	−14 13 36.4	9.37		H	124.549 517 04	−14.226 773 33		2.32	−7.06	7.23	1.11	1.08	1.53	1.27	1.41	−35	+39	−13	+11	−28	−15	−26	+49	−4	−46	0	−0.22
40673	H	08 18 12.80	−37 22 28.6	6.67		H	124.553 351 74	−37.374 615 75	A	2.44	−7.20	3.64	0.73	0.86	0.90	0.70	0.90	−3	+7	+6	−14	−8	+3	−9	−19	+0	−9	2	0.46
40674		08 18 14.12	+44 36 47.3	9.36		G	124.558 824 47	+44.613 147 24		14.29	33.95	−266.21	1.27	0.70	1.27	1.90	1.17	+14	+33	+1	+3	+2	+1	−1	+13	−3	+27	0	−0.40
40675		08 18 14.43	+15 40 40.6	6.42		H	124.560 139 45	+15.677 931 54		6.72	−18.83	−4.71	0.81	0.43	0.89	0.88	0.67	−18	+38	−19	−29	+0	−36	−16	+29	−22	−6	0	−0.88
40676		08 18 14.56	+29 04 44.8	8.26		H	124.560 680 33	+29.079 110 24		3.47	−31.07	−21.82	0.83	0.44	1.01	0.93	0.57	−41	+33	−19	−8	−16	+0	−14	−3	+4	−73	0	0.50
40677		08 18 15.81	+54 08 37.6	6.26		H	124.565 872 79	+54.143 768 22		3.06	−21.30	−29.62	0.63	0.52	0.79	0.74	0.63	−17	+25	−19	−33	−26	−1	−22	−2	+12	−14	0	1.55
40678		08 18 17.39	−35 27 06.1	5.59		G	124.572 447 99	−35.451 705 17		7.90	11.40	1.01	0.36	0.41	0.52	0.38	0.41	+7	−3	+6	+0	+7	+4	+6	−19	−3	+1	0	−1.27
40679		08 18 18.65	−30 39 17.4	10.09		G	124.577 727 63	−30.654 835 34		4.57	3.51	−4.15	1.19	1.54	1.99	1.49	1.91	+0	+0	+1	−15	+7	+4	+9	−5	−1	−24	0	0.86
40680		08 18 18.78	−65 36 47.7	5.06		H	124.578 239 85	−65.613 245 50		11.01	20.70	22.11	0.45	0.45	0.50	0.43	0.51	−1	+11	+8	−9	−11	−10	−11	−5	+11	−31	0	1.45
40681	H	08 18 19.65	+38 59 10.0	8.91		G	124.581 867 56	+38.986 109 35	*	16.24	−112.25	−192.37	2.89	2.61	1.73	2.03	1.29	−26	+25	−9	+14	−14	+10	−21	+10	−16	−33	1	0.18
40682		08 18 20.13	−26 20 40.5	7.58		H	124.583 873 15	−26.344 575 16		3.60	7.42	−57.37	0.50	0.51	0.86	0.49	0.50	+26	−12	−8	+14	+26	+5	+27	−8	+5	+35	0	1.28
40683		08 18 20.72	−10 07 33.7	7.76		H	124.586 334 75	−10.126 034 80		2.98	−8.43	−5.12	0.92	0.66	1.04	1.19	0.84	−7	+33	−30	+6	+2	−12	−2	+21	+4	+19	0	0.35
40684		08 18 21.34	+05 04 27.1	8.27		H	124.588 912 35	+05.074 185 23		4.82	−20.84	−14.86	1.21	0.64	1.31	1.43	0.83	−10	+38	−17	−13	−9	−10	−12	+14	−1	+0	0	−0.19
40685		08 18 21.46	+65 38 37.3	8.55		H	124.589 427 07	+65.643 681 75		1.37	−20.28	−11.11	0.80	0.75	1.13	0.89	0.88	+16	+14	−2	+27	−1	+11	+3	+10	+7	+34	0	0.05
40686		08 18 21.75	+12 33 43.2	9.43		H	124.590 624 75	+12.562 001 85		5.16	−2.92	−11.41	1.33	0.70	1.62	1.61	0.94	−23	+26	−39	−36	+9	−46	−22	+33	−27	+5	2	1.58
40687		08 18 22.02	+61 27 38.3	8.20		G	124.591 734 88	+61.460 644 85		17.00	128.33	31.73	0.60	0.60	0.96	0.63	0.71	−3	+22	−12	+24	+16	−7	+20	−13	+6	+6	0	0.00
40688		08 18 22.77	−24 36 58.4	8.24		H	124.594 884 47	−24.616 222 40		2.36	−11.61	9.38	0.55	0.60	0.89	0.66	0.71	−17	+18	−25	+14	−1	+1	−1	−6	+10	−24	3	−0.17
40689		08 18 22.96	+05 58 18.1	8.49	2	H	124.595 653 39	+05.971 698 00		0.91	−2.48	7.08	1.26	0.63	1.27	1.73	0.89	+7	+23	−13	−29	−16	−19	−24	+11	−4	+26	0	−0.97
40690		08 18 23.00	−60 18 40.4	7.75		H	124.595 833 58	−60.311 210 18		0.44	−6.95	7.99	0.60	0.53	0.62	0.66	0.54	−7	−6	+3	+0	+4	−13	+2	−17	+24	−10	1	2.20
40691		08 18 23.03	+09 09 05.0	7.10		H	124.595 944 73	+09.151 391 60		1.60	−85.08	7.54	0.90	0.51	0.95	1.11	0.70	−8	+26	−18	−27	−16	−29	−23	+23	−3	−6	4	1.98
40692		08 18 23.23	+37 03 22.4	7.45		H	124.596 797 74	+37.056 223 03		6.45	−8.53	−26.17	0.90	0.48	1.04	1.06	0.73	+0	+41	+9	−4	+2	−5	−5	−4	−17	−20	0	0.23
40693		08 18 23.78	−12 37 47.2	5.95		H	124.599 084 60	−12.629 769 55		79.48	279.30	−989.03	0.60	0.52	0.77	0.67	0.64	−22	+21	−28	−5	−15	−16	−19	+24	+3	−24	0	1.91
40694		08 18 24.70	−07 34 16.7	7.59		H	124.602 907 33	−07.571 306 38		8.87	−31.07	9.84	0.70	0.64	0.92	0.85	0.80	−29	+9	−28	+3	−5	−35	−16	+40	−8	−29	0	0.78
40695		08 18 25.62	−40 21 30.4	8.92		H	124.606 760 46	−40.358 442 87		10.80	−95.65	−42.88	0.69	0.72	0.91	0.77	0.85	−8	+1	+13	−9	+2	+13	+0	−8	+4	−24	0	−0.28
40696		08 18 26.20	+22 13 13.7	8.67		H	124.609 177 72	+22.220 465 99		4.59	−30.77	−15.56	0.97	0.60	1.07	1.22	0.88	−3	+8	−14	+12	+6	−32	+2	+36	−7	−1	0	−0.44
40697		08 18 26.82	+34 28 15.9	8.94		H	124.611 730 57	+34.471 087 28		2.85	−13.75	−9.39	1.03	0.63	1.17	1.31	0.78	−9	+5	−23	−24	−18	−16	−19	+4	+10	−17	0	−0.60
40698		08 18 26.97	+38 57 50.0	9.98		G	124.612 366 30	+38.963 898 03		19.82	58.23	−393.01	1.59	0.97	1.79	2.22	1.44	−28	+30	−17	+20	−27	+13	−27	+24	−10	−35	0	0.15
40699		08 18 28.86	+54 33 50.0	6.61		H	124.620 257 21	+54.563 886 24		10.34	5.64	−17.45	0.63	0.50	0.80	0.77	0.64	−12	+26	−12	−20	−21	−7	−19	+0	+6	−14	0	0.12
40700		08 18 29.12	+18 57 53.1	9.54		H	124.621 323 70	+18.964 741 48		8.01	−27.36	−9.26	1.44	0.71	1.48	1.83	1.21	−20	+21	−6	−41	+17	−3	+5	+2	−32	−4	0	−1.86

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
40601	10.521	0.041	9.332	0.025		1.018	0.037	T	0.99	0.03	L	9.3806	0.0021	0.023	76		9.34	9.42		D			1							
40602	8.837	0.014	8.487	0.015		0.363	0.015	G	0.42	0.02	H	8.5221	0.0021	0.016	79		8.49	8.55					1							S
40603	9.099	0.014	7.565	0.008		1.289	0.013	T	1.25	0.01	L	7.5753	0.0016	0.016	126		7.55	7.60					1							S
40604	6.376	0.004	6.313	0.005		0.057	0.006	T	0.07	0.01	L	6.3392	0.0007	0.007	89		6.33	6.35					1							S
40605	10.285	0.038	8.342	0.014		1.612	0.032	T	1.63	0.03	L	8.2525	0.0023	0.019	108		8.22	8.28					1							
40606	9.256	0.015	8.805	0.015		0.439	0.017	T	0.51	0.02	L	8.8577	0.0021	0.017	114		8.83	8.90					1							
40607	9.127	0.011	7.710	0.006		1.197	0.010	T	1.16	0.01	L	7.7385	0.0011	0.013	230		7.72	7.76		C			1							
40608	6.990	0.004	6.943	0.005		0.048	0.006	T	0.06	0.01	L	6.9624	0.0007	0.008	154		6.95	6.98		C			1							S
40609	10.897	0.044	9.410	0.019		1.252	0.038	T	1.21	0.04	L	9.4195	0.0022	0.024	160		9.38	9.48		C			1							
40610	9.156	0.020	8.830	0.022		0.309	0.028	T	0.35	0.04	L	8.8694	0.0027	0.017	94		8.84	8.90		C			1							
40611	7.954	0.005	7.375	0.005		0.507	0.003	G	0.58	0.00	H	7.4292	0.0010	0.013	232		7.41	7.45					1							S
40612	8.975	0.011	8.881	0.014		0.085	0.016	T	0.10	0.02	L	8.8988	0.0017	0.020	144		8.87	8.93		C			1							
40613	8.442	0.017	7.799	0.013		0.584	0.013	G	0.66	0.01	H	7.8629	0.0014	0.009	60		7.85	7.88		C			1							S
40614	11.672	0.106	10.899	0.088		0.688	0.105	T	0.75	0.09	L	10.7745	0.0050	0.038	85		10.71	10.84		C			1							G
40615	10.920	0.037	9.815	0.023		0.945	0.034	T	0.99	0.04	L	9.8703	0.0023	0.032	197		9.80	9.94					1							
40616	10.926	0.050	10.348	0.046		0.540	0.060	T	0.61	0.06	L	10.3245	0.0036	0.024	83		10.29	10.36		C			1							G
40617	7.514	0.006	6.378	0.006		0.980	0.001	G	0.95	0.04	E	6.4394	0.0010	0.006	64		6.43	6.45		C			1							S
40618	9.758	0.021	8.560	0.013		1.025	0.019	T	1.00	0.02	L	8.6166	0.0016	0.013	110		8.59	8.64					1							
40619	9.057	0.011	7.725	0.007		1.130	0.010	T	1.09	0.01	L	7.7771	0.0011	0.008	155		7.76	7.79					1							S
40620	9.034	0.010	7.350	0.005		1.407	0.009	T	1.39	0.01	L	7.3513	0.0010	0.013	190		7.33	7.37					1							S
40621	6.974	0.004	6.987	0.005		−0.010	0.006	T	0.01	0.01	L	7.0023	0.0007	0.007	119		6.99	7.01					1							S
40622	9.839	0.026	7.834	0.010		1.698	0.023	T	2.19	0.06	O	7.6891	0.0021	0.021	123		7.66	7.73		U 2			1							
40623	7.962	0.010	7.897	0.012		0.059	0.014	T	0.07	0.01	L	7.9209	0.0015	0.013	88		7.90	7.96					1							S
40624	9.209	0.020	7.697	0.011		1.271	0.018	T	1.23	0.02	L	7.7287	0.0015	0.009	64		7.72	7.74					1							S
40625	8.739	0.012	7.614	0.008		0.969	0.011	T	0.95	0.01	L	7.6840	0.0013	0.009	92		7.66	7.70		C			1							S
40626	9.317	0.018	7.529	0.009		1.489	0.016	T	1.51	0.02	L	7.5220	0.0011	0.009	74		7.51	7.54		C			1							S
40627	8.092	0.010	7.989	0.011		0.100	0.014	T	0.11	0.01	L	8.0289	0.0015	0.010	77		8.01	8.05		C			1							S
40628	9.415	0.026	7.465	0.011		1.553	0.015	G	1.56	0.09	H	7.4193	0.0026	0.016	66		7.39	7.44		M			1							S
40629	8.729	0.010	8.704	0.012		0.023	0.014	T	0.04	0.01	L	8.7467	0.0018	0.016	136		8.72	8.77					1							
40630	11.732	0.102	11.009	0.084		0.664	0.106	T	0.73	0.09	L	11.2420	0.0044	0.040	103		11.19	11.33					1							G
40631	9.622	0.021	9.283	0.023		0.322	0.029	T	0.37	0.04	L	9.3284	0.0027	0.021	89		9.30	9.36		C			1							
40632	9.290	0.019	8.787	0.018		0.483	0.015	G	0.55	0.02	H	8.8415	0.0018	0.015	84		8.82	8.86		C			1							
40633	10.698	0.038	9.730	0.027		0.838	0.036	T	0.86	0.03	L	9.7855	0.0026	0.022	114		9.75	9.83		C			1							G
40634	8.841	0.010	8.168	0.009		0.623	0.011	T	0.69	0.01	L	8.2209	0.0012	0.016	159		8.20	8.25		C			1							S
40635	9.123	0.019	7.772	0.011		1.145	0.017	T	1.11	0.01	L	7.8362	0.0023	0.013	57		7.82	7.86		C			1							S
40636	8.497	0.016	7.347	0.008		0.988	0.014	T	0.97	0.01	L	7.4075	0.0013	0.010	107		7.39	7.43		C	08177−5554	I 1	1							S
40637	8.309	0.009	7.184	0.006		0.969	0.008	T	0.95	0.01	L	7.2396	0.0010	0.008	95		7.23	7.26		C	08177−5547	I 1	1							S
40638	10.554	0.045	8.866	0.019	A	1.361	0.134	G	1.33	0.16	R	*	8.8127	0.0060	0.053	109	*	8.73	8.87		U 2	08178−6128	H 1	2 C D	AB	44	3.641	0.045	3.33	0.24	D
40639	8.410	0.009	6.676	0.004		1.446	0.008	T	1.44	0.01	L	6.5576	0.0025	0.022	148		6.53	6.59		U 2			1 S							S
40640	9.660	0.019	8.473	0.012		1.017	0.018	T	0.99	0.01	L	8.5217	0.0017	0.014	95		8.50	8.54		C			1							
40641	8.869	0.013	8.494	0.014		0.359	0.002	G	0.42	0.00	H	8.5760	0.0083	0.054	93		8.49	8.66	1.66	P 1 A			1							S
40642	10.475	0.025	9.482	0.017		0.869	0.022	T	0.88	0.02	L	9.5397	0.0024	0.033	234		9.49	9.60					1							G
40643	10.309	0.040	8.972	0.022		1.134	0.036	T	1.10	0.04	L	8.9889	0.0019	0.016	90		8.97	9.03					1							
40644	8.799	0.012	8.628	0.015		0.164	0.018	T	0.18	0.02	L	8.5890	0.0021	0.019	73		8.56	8.63		D			1 X S							S
40645	7.588	0.006	7.191	0.006		0.388	0.015	G	0.45	0.02	H	7.2363	0.0012	0.009	96		7.22	7.26		C			1							S
40646	5.846	0.002	5.656	0.002		0.182	0.003	T	0.20	0.00	L	5.6889	0.0006	0.006	144		5.68	5.70		C			1							S
40647	10.542	0.033	9.221	0.018		1.122	0.029	T	1.08	0.03	L	9.2868	0.0019	0.017	126		9.26	9.32		C			1							
40648	8.346	0.012	8.083	0.013	*	0.250	0.017	T	0.28	0.02	L	*	8.1465	0.0017	0.011	62	*	8.13	8.17		D	08179+0228	I 1	2 C S A	AB	10	0.199	0.009	1.27	0.21	S
40649	8.528	0.012	7.557	0.009		0.855	0.006	G	0.87	0.00	H	7.6061	0.0010	0.008	81		7.59	7.62		C			1							S
40650	10.562	0.043	8.802	0.017		1.467	0.037	T	1.48	0.06	L	8.7583	0.0019	0.015	78		8.73	8.79					1							
40651	8.024	0.009	7.699	0.011		0.309	0.013	T	0.35	0.02	L	7.7318	0.0041	0.032	87		7.68	7.79	0.13	P 1 A			1							S
40652	8.872	0.013	8.313	0.012		0.528	0.013	T	0.60	0.01	L	8.4049	0.0017	0.016	109		8.37	8.43					1							
40653	9.127	0.012	8.636	0.011		0.453	0.015	G	0.52	0.02	H	8.7009	0.0018	0.018	155		8.67	8.74		C			1							
40654	9.012	0.014	7.963	0.010		0.910	0.015	G	0.91	0.01	H	8.0324	0.0016	0.017	98		8.01	8.06		C			1							S
40655	6.958	0.005	6.503	0.005		0.397	0.005	G	0.46	0.01	H	6.5582	0.0006	0.006	118		6.55	6.57			08179−5910	I 1	1							S
40656	7.764	0.006	6.539	0.003		1.040	0.001	G	0.98	0.04	E	6.5974	0.0008	0.009	193		6.58	6.62					1							S
40657	10.634	0.041	8.875	0.015		1.480	0.015	G	1.50	0.02	I	8.8173	0.0017	0.012	103		8.80	8.84		C			1							
40658	8.727	0.013	7.129	0.007		1.339	0.012	T	1.30	0.01	L	7.1397	0.0012	0.008	76		7.13	7.15		C			1							S
40659	9.181	0.014	8.852	0.015		0.317	0.022	T	0.37	0.03	L	8.9038	0.0024	0.020	134		8.88	8.94					1							
40660	9.262	0.021	8.127	0.014		0.976	0.020	T	0.96	0.02	L	8.1983	0.0018	0.015	83		8.17	8.23					1 S							
40661	7.544	0.008	7.556	0.010		−0.030	0.002	G	−0.01	0.00	H	7.5804	0.0012	0.009	81		7.57	7.60		C			1							S
40662	6.860	0.005	7.025	0.008		−0.141	0.008	G	−0.14	0.01	H	7.0117	0.0019	0.016	110		6.98	7.03		U 2			1							S
40663	9.830	0.028	8.856	0.020		0.826	0.002	G	0.87	0.00	H	8.9355	0.0017	0.013	65		8.91	8.95		C			1							
40664	10.981	0.047	9.740	0.026		1.059	0.042	T	1.03	0.03	L	9.8433	0.0036	0.037	122		9.79	9.94					1							
40665	10.579	0.036	10.128	0.037		0.425	0.047	T	0.49	0.05	L	10.1961	0.0024	0.024	128		10.16	10.25		C	08181+3117	I 1	1							G
40666	7.263	0.010	7.279	0.008		−0.013	0.011	T	0.01	0.01	L	7.2769	0.0020	0.053	108		7.26	7.54	3.46	P 1 A			1							S
40667	7.369	0.005	7.205	0.007		0.157	0.008	T	0.17	0.01	L	7.2460	0.0007	0.006	98		7.23	7.26		C			1							S
40668						0.813	0.015	G	0.85	0.01	H	11.3639	0.0039	0.040	116		11.28	11.43		C			1							G
40669	8.227	0.009	8.134	0.011		0.091	0.013	T	0.10	0.01	L	8.1661	0.0015	0.013	89		8.14	8.20					1							S
40670						1.740	0.143	G	1.86	0.26	S	11.6317	0.0056	0.056	112		11.50	11.75		R			1							G
40671	10.229	0.026	8.953	0.015		1.137	0.011	G	1.23	0.01	I	8.9509	0.0012	0.014	145		8.92	8.98					1							
40672	11.104	0.061	9.476	0.025		1.363	0.052	T	1.33	0.06	L	9.5123	0.0032	0.024	83		9.47	9.56					1							
40673	6.903	0.007	6.653	0.007	*	0.244	0.022	G	0.27	0.03	H	*	6.7441	0.0007	0.008	153	*	6.73	6.76		D	08182−3722	I 1	2 C A	AB	178	2.005	0.002	0.62	0.01	S
40674	10.206	0.029	9.405	0.023		0.673	0.015	G	0.73	0.01	H	9.5019	0.0017	0.019	86		9.47	9.54		C			1							
40675	7.714	0.007	6.526	0.004		1.018	0.006	T	0.99	0.01	L	6.5894	0.0007	0.006	97		6.58	6.60		C			1							S
40676	8.746	0.008	8.303	0.008		0.397	0.015	G	0.46	0.02	H	8.3551	0.0009	0.012	203		8.33	8.38		C			1							S
40677	8.300	0.011	6.439	0.004		1.558	0.013	G	1.56	0.09	H	6.3842	0.0008	0.010	114		6.37	6.40					1							S
40678	7.206	0.005	5.722	0.003		1.246	0.005	G	1.21	0.04	E	5.7540	0.0006	0.006	164		5.74	5.76					1							S
40679	11.572	0.079	10.181	0.035		1.133	0.015	G	1.10	0.02	I	10.2403	0.0042	0.043	173		10.18	10.30					1 S							D
40680	6.543	0.004	5.189	0.003		1.129	0.060	G	1.08	0.02	A	5.2313	0.0006	0.005	113		5.22	5.24		C			1							S
40681	9.889	0.023	8.981	0.017	*	0.802	0.015	G	0.83	0.01	H	*	9.0437	0.0020	0.016	101	*	9.01	9.07		D	08184+3859	I 2	2 C A	AS	272	0.218	0.015	0.33	0.37	
40682	9.435	0.011	7.734	0.005		1.420	0.010	T	1.40	0.02	L	7.7215	0.0011	0.014	223		7.70	7.75					1							S
40683	8.989	0.018	7.863	0.012		0.969	0.017	T	0.95	0.01	L	7.9229	0.0017	0.012	66		7.90	7.94		C			1							
40684	9.476	0.023	8.344	0.015		0.974	0.021	T	0.96	0.02	L	8.4400	0.0021	0.015	61		8.42	8.46		C			1							S
40685	9.964	0.047	8.668	0.028		1.102	0.043	T	1.06	0.04	L	8.7145	0.0025	0.020	130		8.68	8.76					1							
40686	9.841	0.024	9.478	0.026		0.344	0.033	T	0.40	0.04	L	9.5103	0.0020	0.022	89		9.49	9.56					1							
40687	9.001	0.011	8.272	0.009		0.652	0.015	G	0.72	0.01	H	8.3356	0.0014	0.014	142		8.31	8.36		C			1							S
40688	8.245	0.009	8.222	0.011		0.021	0.013	T	0.04	0.01	L	8.2530	0.0015	0.015	138		8.23	8.29					1							S
40689	10.668	0.060	8.730	0.020		1.608	0.050	T	1.63	0.05	L	8.6031	0.0081	0.063	66		8.50	8.69	114.40	P 1 A			1							
40690	9.235	0.016	7.880	0.009		1.148	0.014	T	1.11	0.01	L	7.9208	0.0010	0.011	107		7.90	7.95					1							S
40691	6.899	0.006	7.056	0.008		−0.150	0.009	G	−0.15	0.01	H	7.0450	0.0022	0.013	69		7.03	7.06					1							S
40692	8.649	0.011	7.557	0.007		0.944	0.010	T	0.93	0.01	L	7.6128	0.0010	0.008	101		7.59	7.63		C			1							S
40693	6.917	0.004	6.035	0.004		0.754	0.009	G	0.79	0.02	A	6.0937	0.0006	0.006	99		6.09	6.11					1							S
40694	7.878	0.009	7.619	0.009		0.244	0.015	G	0.27	0.02	H	7.6607	0.0012	0.009	81		7.65	7.68		C			1							S
40695	9.709	0.019	8.983	0.016		0.660	0.015	G	0.72	0.01	H	9.0550	0.0021	0.020	122		9.03	9.09		C			1							
40696	9.000	0.013	8.690	0.014		0.294	0.018	T	0.34	0.02	L	8.7432	0.0025	0.017	95		8.71	8.78					1							
40697	10.573	0.041	9.077	0.018		1.259	0.035	T	1.22	0.04	L	9.0976	0.0019	0.016	112		9.07	9.13					1							
40698	11.110	0.059	10.032	0.035		0.856	0.009	G	0.87	0.01	H	10.1154	0.0033	0.032	94		10.05	10.16			08184+3859	I 2	1							
40699	6.920	0.005	6.634	0.005		0.272	0.007	T	0.31	0.01	L	6.6803	0.0010	0.007	98		6.67	6.69		C			1							S
40700	10.106	0.028	9.529	0.025		0.539	0.033	T	0.61	0.04	L	9.6562	0.0018	0.014	77		9.61	9.68		C			1							

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	$\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	σ α* mas (14)	σ δ mas (15)	σ π mas (16)	σ $\mu_{\alpha*}$ mas/yr (17)	σ μ_δ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	F1 % (29)	F2 (30)
40701		08 18 29.92	−85 04 35.1	8.23		H	124.624 679 64	−85.076 427 53		3.17	−59.35	57.07	0.65	0.62	0.71	0.74	0.75	−5	+18	−2	+1	−11	+1	−13	−7	−6	−4	1	−0.42
40702		08 18 31.27	−76 55 11.9	4.05	1	H	124.630 278 50	−76.919 982 51		51.40	109.84	106.92	0.48	0.44	0.49	0.53	0.50	−4	+18	+6	−3	−17	+5	−16	+15	+0	−13	2	1.01
40703		08 18 32.14	−52 42 24.1	7.72		H	124.633 924 46	−52.706 705 51		5.94	−3.71	13.39	0.51	0.48	0.56	0.65	0.49	+12	+10	+9	+12	−11	+4	−6	−11	+11	+18	0	−0.89
40704		08 18 32.66	+05 11 05.5	8.04		H	124.636 082 42	+05.184 851 97		7.83	−47.53	−51.96	1.07	0.55	1.14	1.34	0.74	−6	+39	−18	−9	−9	−14	−13	+18	+0	+13	0	−0.76
40705		08 18 33.30	−74 44 16.4	9.33		H	124.638 740 56	−74.737 895 86		1.28	3.84	26.69	0.87	0.84	0.91	0.92	0.96	−10	+18	+1	−6	−13	−13	−12	+25	−3	−16	0	−0.58
40706		08 18 33.39	−36 39 34.3	4.44		G	124.639 138 30	−36.659 532 86		35.06	−111.27	100.62	0.38	0.41	0.53	0.42	0.42	+8	+2	+11	−5	+7	+12	+5	−23	+4	+4	0	1.36
40707		08 18 34.69	−32 25 34.0	8.57		H	124.644 555 45	−32.426 119 82		0.34	−0.52	2.47	0.62	0.72	1.01	0.88	0.87	−3	−5	+2	+2	−2	+12	−7	−20	+15	−25	1	0.67
40708	H	08 18 34.77	−22 04 14.5	8.88		H	124.644 889 36	−22.070 686 22	A	2.86	7.37	−16.37	1.33	1.13	1.48	1.53	1.36	+5	+16	−5	−22	+11	−3	+1	−38	−9	−25	0	−0.18
40709		08 18 34.95	+47 02 02.8	7.38		H	124.645 644 63	+47.034 101 54		3.50	−9.54	−38.31	0.92	0.53	0.91	1.25	0.86	+17	+32	+4	−1	−5	−9	−8	+10	−10	+14	0	0.98
40710		08 18 34.97	−15 25 56.7	9.24		H	124.645 696 43	−15.432 428 72		1.07	8.77	−12.75	1.09	1.03	1.46	1.23	1.34	−26	+33	−9	−9	−16	−11	−13	+26	+7	−29	0	0.87
40711		08 18 35.66	+42 53 05.2	9.19		H	124.648 578 33	+42.884 784 49		7.18	10.25	−48.00	1.43	0.71	1.39	1.91	1.02	+24	+34	+3	−20	−9	+16	−8	−2	+6	+26	0	−0.64
40712		08 18 36.18	+58 04 18.4	10.22		H	124.650 731 29	+58.071 782 97		0.77	1.88	−0.10	1.08	0.95	1.54	1.28	0.93	−23	+17	−15	−41	+14	−7	+12	−44	+13	+36	0	0.01
40713		08 18 37.34	−14 33 59.0	6.96		H	124.655 603 62	−14.566 393 35		4.20	−9.00	−11.55	0.63	0.58	0.86	0.74	0.72	−15	+29	−25	+7	−9	−2	−12	+25	−8	−11	0	−0.87
40714		08 18 37.43	−40 19 44.1	7.95		H	124.655 967 92	−40.328 907 30		4.03	−22.64	11.28	0.56	0.62	0.76	0.63	0.71	−7	+3	+14	−7	+1	+12	+0	−5	+1	−25	0	−0.09
40715		08 18 39.43	+31 48 34.4	8.79		H	124.664 299 89	+31.809 558 67		3.90	−1.80	15.58	1.03	0.58	1.24	1.24	0.84	−25	+28	−19	+2	−10	−17	−15	+13	−1	−38	2	0.18
40716		08 18 41.73	+33 20 09.1	7.87		H	124.673 874 76	+33.335 849 54		2.92	−1.88	−1.29	0.77	0.51	0.96	1.03	0.77	−18	+11	−14	+2	−5	−34	−10	+20	+13	−22	2	−0.30
40717		08 18 42.04	−30 38 23.0	11.85		G	124.675 176 77	−30.639 727 46		−8.57	−3.52	7.79	3.08	3.71	5.14	3.62	3.92	+10	−5	−6	+1	+3	−5	+1	−16	−1	+2	1	
*40718		08 18 42.76	+37 44 14.0	8.04		H	124.678 183 30	+37.737 221 29		3.22	11.94	1.65	0.92	0.49	1.03	1.12	0.73	−3	+37	+2	+0	−8	−12	−13	+3	−15	−9	2	−0.92
*40719		08 18 42.78	+14 16 33.6	8.82		H	124.678 235 02	+14.275 997 35		9.64	23.65	−98.52	1.25	0.64	1.15	1.43	0.96	+0	+14	−21	−42	−12	−9	−21	+16	−6	+9	0	−0.53
*40720		08 18 42.69	−08 51 09.6	9.64		H	124.677 876 54	−08.852 668 03		2.79	0.83	−0.73	1.38	1.05	1.64	1.92	1.56	−33	+42	−19	+17	−11	+10	−6	+37	+1	−40	0	−1.52
40721		08 18 43.44	−30 39 19.1	11.71	2	G	124.680 988 96	−30.655 306 30		4.63	−3.62	4.69	1.53	1.94	2.65	1.87	2.03	+3	−5	−5	−1	+6	+1	+5	−9	−4	−14	2	0.72
40722		08 18 43.78	−06 10 53.7	8.69		H	124.682 425 19	−06.181 579 50		2.92	−0.29	0.80	0.98	0.78	1.20	1.17	0.98	−15	+20	−24	−6	−10	−23	−18	+50	−9	−9	0	1.71
40723		08 18 44.34	−29 50 32.8	11.47		G	124.684 734 16	−29.842 442 07		−5.42	−6.85	5.15	1.33	1.74	2.44	1.57	1.83	+13	+4	+3	+15	+3	+7	+2	−10	−1	+11	2	1.55
40724		08 18 44.39	−15 12 08.1	9.82		H	124.684 945 04	−15.202 252 11		29.30	45.68	−56.99	1.52	1.38	1.75	4.02	4.11	−4	+36	−17	−31	−42	−5	−39	+3	−12	−24	0	−0.35
40725		08 18 44.49	−75 00 52.9	7.81		H	124.685 377 50	−75.014 701 04		6.21	−2.69	−0.25	0.55	0.51	0.56	0.59	0.57	−3	+11	+5	+14	−10	+5	−11	+14	+0	−9	1	−1.63
40726		08 18 44.60	−20 32 42.7	9.32		H	124.685 843 68	−20.545 205 43		2.62	−4.28	6.26	0.99	1.01	1.50	1.26	1.18	+5	+9	−6	+2	−21	−20	−22	−19	+20	−18	0	−2.23
40727		08 18 45.14	+63 15 32.1	7.55		G	124.688 096 91	+63.258 928 05		5.71	−50.36	−93.56	0.71	0.67	0.98	0.75	0.82	+4	+10	+0	+8	+15	+5	+26	−14	+10	+40	0	−0.84
40728		08 18 45.91	−72 47 29.5	9.15		H	124.691 294 55	−72.791 529 43		3.09	−5.00	16.98	0.76	0.69	0.80	0.78	0.76	−2	+32	+6	−27	+2	−13	+9	−9	+12	−19	2	−0.46
40729		08 18 46.18	+39 43 29.4	8.49		H	124.692 403 20	+39.724 835 43		13.05	−4.25	−128.92	1.00	0.60	1.10	1.34	0.91	−12	+17	−14	+10	−23	−13	−26	+22	+4	−23	0	−0.62
40730		08 18 46.62	−29 45 01.2	10.85		G	124.694 260 27	−29.750 322 09		2.74	−2.42	6.73	1.03	1.49	2.01	1.22	1.68	+13	+5	+2	+13	−3	+6	−4	−7	−3	+11	0	0.40
40731		08 18 47.19	−46 03 34.5	8.42		H	124.696 612 81	−46.059 573 46		3.37	−35.11	24.93	0.74	0.65	0.83	0.83	0.74	+15	−2	+0	−17	−10	−3	−11	−20	+24	−4	0	−1.95
40732		08 18 47.49	−03 21 41.7	11.48		G	124.697 872 49	−03.361 572 57		21.41	−232.59	35.97	2.38	2.28	4.02	3.08	2.55	−23	+7	−53	+10	+34	−55	+7	+47	−29	+0	0	−1.94
40733		08 18 51.88	+18 19 10.8	8.41		H	124.716 170 50	+18.319 656 31		10.21	−25.68	−42.44	1.16	0.61	1.22	1.40	1.19	−24	+0	+1	−41	−2	−9	+5	+17	−29	−36	0	0.41
40734	H	08 18 53.07	+59 34 42.6	9.43		H	124.721 110 70	+59.578 495 94	A	5.75	−10.61	−29.45	2.17	2.05	2.19	2.08	1.69	−9	+28	−5	−42	−4	−3	−5	−31	+1	+20	0	0.12
40735		08 18 53.73	−42 31 36.3	7.09		H	124.723 862 92	−42.526 738 58		4.89	−5.07	−0.25	0.48	0.49	0.60	0.57	0.54	−7	+11	+14	−9	+10	+1	+9	−24	+9	−20	0	2.19
40736		08 18 53.87	−67 41 30.2	9.54		H	124.724 466 14	−67.691 732 90		5.22	−21.91	30.95	0.92	0.83	0.95	1.15	0.90	−10	+19	+9	−9	−6	−21	−4	−10	+4	−30	0	−0.55
*40737		08 18 54.07	+60 29 30.6	8.21		H	124.725 305 45	+60.491 843 79		9.48	−28.97	−96.73	0.62	0.61	0.97	0.59	0.66	−7	+26	−6	+45	+23	+3	+35	−17	+12	+11	0	0.64
*40738	H	08 18 54.04	−45 02 10.6	7.74		H	124.725 156 07	−45.036 269 07	A	2.39	−4.54	8.97	1.39	1.43	1.41	1.30	1.26	+14	+7	+12	−7	−14	+9	−20	−27	+3	+0	5	2.80
40739		08 18 54.74	+26 20 07.5	7.15		H	124.728 077 65	+26.335 430 35		4.56	−22.46	−19.47	0.82	0.48	0.94	1.04	0.90	−13	+22	+4	+2	+1	+0	+4	+28	−17	−26	2	0.16
40740		08 18 57.31	−39 04 44.6	7.08		H	124.738 777 22	−39.079 056 28		1.53	3.01	−0.62	0.43	0.45	0.56	0.47	0.51	+4	+6	+2	+10	−7	−2	−9	−9	+7	−9	1	0.57
40741	H	08 18 58.10	−60 11 40.4	8.77		H	124.742 063 89	−60.194 549 92	A	2.30	−6.69	3.65	1.63	1.51	1.49	1.61	1.44	−17	+2	−2	−9	+4	−9	+4	−21	+24	−7	1	0.43
40742		08 18 58.31	−47 12 39.4	7.14		H	124.742 977 43	−47.210 943 27		3.61	−10.61	−1.96	0.53	0.48	0.62	0.61	0.50	+1	−2	+19	−8	+4	+12	+1	−11	+13	−2	1	−0.02
40743		08 18 58.96	+56 15 17.0	6.84		H	124.745 662 19	+56.254 732 54		1.77	1.61	−7.82	0.64	0.60	0.88	0.82	0.68	−23	+29	−26	−7	−22	+17	−17	+2	−8	−19	0	−0.29
40744	H	08 19 03.00	+49 26 46.3	8.48		H	124.762 495 32	+49.446 189 91	*	6.45	−15.26	−37.40	1.15	0.76	1.31	1.89	1.21	−2	+14	−22	+10	−13	+19	−8	+9	+11	+21	0	0.98
40745		08 19 03.45	+02 31 28.1	8.40		G	124.764 371 22	+02.524 465 17		2.57	13.06	−19.71	1.12	0.71	1.22	1.45	1.11	−24	+29	−13	−23	+22	−5	+15	−5	−26	−20	0	0.79
40746		08 19 03.58	−40 51 00.3	8.59		H	124.764 916 39	−40.850 076 79		2.08	−11.74	9.49	0.66	0.72	0.86	0.76	0.76	−6	−10	+17	−10	−1	−5	+0	−13	−1	−23	0	−0.32
40747	H	08 19 04.42	+18 09 49.2	9.55	2	H	124.768 435 06	+18.163 672 40	*	3.85	−36.10	−18.26	1.67	0.76	1.65	1.82	1.42	−11	−3	−1	−51	+1	−4	+10	+5	−40	−23	2	0.07
40748	H	08 19 04.55	−29 44 17.2	10.40		G	124.768 953 37	−29.738 099 84	*	1.31	−5.45	6.07	6.73	8.42	2.13	1.37	1.67	+1	+2	+7	+5	−1	+1	+0	+0	−6	+1	3	−0.51
40749		08 19 05.60	−48 11 52.4	6.45		H	124.773 320 23	−48.197 875 83		3.96	−14.37	9.39	0.50	0.43	0.55	0.60	0.46	+3	−1	+16	+19	+2	+4	+0	+3	+23	+2	0	0.84
40750		08 19 07.40	−02 04 48.4	9.02	2	H	124.780 820 56	−02.080 103 20		2.04	7.15	1.28	1.08	0.93	1.35	1.47	1.28	−27	+24	−11	+32	−13	−14	−15	+55	+0	−23	0	0.03
40751		08 19 07.78	+63 33 43.9	8.69		H	124.782 433 26	+63.562 192 40		3.68	−4.82	−8.75	0.84	0.86	1.30	0.88	1.04	+7	+14	−5	+34	+18	+9	+27	+6	+17	+30	0	0.18
40752		08 19 08.13	−38 10 38.2	8.09		H	124.783 877 44	−38.177 284 14		4.33	−24.31	17.84	0.50	0.57	0.69	0.51	0.66	+0	−10	−7	+16	−7	+1	−9	+5	−1	−13	0	−0.08
40753		08 19 08.26	+72 14 27.9	9.03		H	124.784 428 06	+72.241 091 81		4.89	−1.46	20.94	0.74	0.80	1.11	0.80	0.97	+20	+29	+11	+27	+3	+4	+3	+12	−3	+25	1	0.73
40754		08 19 08.70	+16 07 18.8	6.98		H	124.786 249 39	+16.121 895 91		4.26	−10.45	−14.47	0.87	0.45	1.08	0.97	0.96	−27	+31	−17	−28	+2	−7	−11	+24	−54	−24	0	1.17
40755		08 19 09.04	−46 12 18.9	7.17		H	124.787 646 65	−46.205 245 42		4.69	−13.35	−0.63	0.52	0.51	0.64	0.63	0.55	+14	+3	+3	−9	−7	−12	−7	−23	+29	−4	0	0.50
40756		08 19 09.21	+24 10 29.1	7.22		H	124.788 365 06	+24.174 744 76		3.44	−11.64	−6.03	0.86	0.48	1.01	1.02	0.82	−18	+29	−20	−11	+6	−12	−4	+23	−35	−13	2	−1.00
40757		08 19 09.85	−54 32 23.3	8.54		H	124.791 022 24	−54.539 795 30		1.07	−0.81	−24.28	0.63	0.66	0.71	0.82	0.71	+12	−3	+0	+4	+1	−11	+1	−17	−4	+11	0	0.68
40758		08 19 11.22	−61 42 08.7	8.05		H	124.796 764 15	−61.702 412 26		4.38	−11.37	5.72	0.64	0.64	0.69	0.72	0.63	+1	−2	−3	+16	+4	+1	+0	−31	+21	−6	1	1.00
40759		08 19 11.99	+15 01 12.2	8.60		G	124.799 943 98	+15.020 046 10		6.76	−6.91	4.60	1.08	0.57	1.19	1.23	0.91	−15	+27	−23	−21	+7	−33	−9	+32	−28	+4	0	1.42
40760		08 19 12.30	−13 36 28.6	8.93		H	124.801 242 22	−13.607 955 43		0.14	−1.67	−5.13	2.44	2.05	3.15	2.88	2.66	−31	+41	−38	−9	−16	+5	−21	+21	−21	−30	4	
40761		08 19 13.37	+14 12 02.2	7.86		G	124.805 697 66	+14.200 620 22		19.77	35.38	25.50	1.10	0.55	1.10	1.28	0.85	−14	+30	−17	−31	−5	−21	−21	+29	−16	+4	2	1.44
40762		08 19 13.42	−43 58 33.2	9.02		H	124.805 918 98	−43.975 875 07		1.31	−7.62	10.55	0.73	0.76	0.95	0.87	0.80	+1	+7	+5	+18	+6	+33	+3	−31	+11	+0	0	0.20
40763		08 19 14.38	−07 33 29.5	6.91	2	H	124.809 909 68	−07.558 181 77		3.49	−7.22	7.32	0.64	0.56	0.84	0.76	0.69	−23	+9	−31	−5	−2	−30	−12	+34	−11	−23	0	0.49
40764		08 19 14.38	−29 46 10.5	9.36		G	124.809 923 01	−29.769 587 50		2.12	−1.15	5.77	0.73	1.04	1.47	0.88	1.19	+14	+4	−1	+17	−2	+8	−4	−7	−2	+6	0	1.02
40765		08 19 15.10	−05 37 10.6	7.43		H	124.812 903 48	−05.619 614 14		29.28	0.02	40.89	0.70	0.67	0.95	0.86	0.84	−34	+19	−34	+3	−6	−24	−17	+45	−15	−26	0	0.25
40766		08 19 15.11	−10 09 57.0	6.31		G	124.812 949 76	−10.165 843 42		9.24	−44.81	36.90	0.67	0.53	0.79	0.91	0.71	−7	+21	−31	+9	+2	−13	−3	+21	+1	+10	0	0.48
40767		08 19 15.14	−26 47 59.5	8.76		H	124.813 083 23	−26.799 867 23		2.59	−7.23	14.62	0.66	0.71	1.21	0.59	0.64	+27	−29	−16	+18	+23	−9	+24	−16	−4	+32	0	0.61
40768		08 19 15.73	−27 50 57.2	9.60		H	124.815 540 74	−27.849 229 40		4.58	9.80	−28.20	0.66	0.84	1.40	0.73	0.89	+10	+7	+4	−29	+8	+1	+5	−16	−5	+18	2	0.68
40769		08 19 15.89	−67 48 12.6	12.01		H	124.816 203 78	−67.803 510 96		26.86	137.97	−209.85	2.29	2.07	2.37	2.95	2.26	−10	+17	+18	−15	−5	−16	+3	−1	+14	−32	0	0.39
40770	H	08 19 16.40	+40 51 55.9	9.08		H	124.818 353 29	+40.865 534 28	A	1.42	−6.05	−4.46	3.93	3.03	4.23	5.64	5.18	−7	+19	+1	+9	−25	−9	−22	+30	−8	−44	4	0.49
40771		08 19 16.68	−16 51 38.3	8.54		H	124.819 481 26	−16.860 633 12		1.12	−4.75	−2.61	0.83	0.88	1.16	1.01	1.04	−12	+15	−15	+8	−21	−18	−26	+45	+5	−3	0	−1.74
40772		08 19 17.18	+62 30 25.7	5.73	1	H	124.821 598 67	+62.507 139 12		6.93	−20.48	8.41	0.52	0.47	0.74	0.50	0.54	−2	+20	−8	+11	+9	−10	+9	−13	−2	+2	2	0.38
40773		08 19 18.28	−23 47 49.2	7.66		H	124.826 159 75	−23.797 006 62		0.89	−6.81	1.74	0.55	0.61	0.91	0.70	0.70	−17	+19	−20	+15	+10	−12	+3	−5	+1	−34	1	−1.21
40774		08 19 19.15	+01 20 20.4	8.35		H	124.829 779 73	+01.338 992 53		42.89	−164.59	−53.01	1.23	0.75	1.32	1.49	1.00	−13	+43	−28	−25	+14	−16	+3	+1	−11	+9	0	−0.79
40775		08 19 19.72	−37 10 11.3	8.64		H	124.832 151 25	−37.169 808 16		1.36	−8.33	−10.60	0.55	0.65	0.80	0.59	0.70	+1	+1	+14	+0	+0	+8	−1	−2	+2	−10	1	1.37
40776		08 19 19.98	+48 07 34.3	9.38		H	124.833 269 60	+48.126 199 94		9.01	−51.48	−63.74	1.31	0.89	1.44	2.51	1.70	+27	+7	−19	+29	+13	+12	+19	+17	+18	+60	0	−0.95
40777		08 19 22.27	−20 09 51.4	6.68	1	G	124.842 771 35	−20.164 279 24		3.18	−6.48	8.05	0.57	0.57	0.78	0.71	0.62	+9	+8	−32	−12	−8	+5	−9	−32	+6	+0	4	0.26
40778		08 19 22.61	+54 05 15.1	9.73		G	124.844 189 36	+54.087 533 41		10.36	−34.50	−628.92	1.03	0.97	1.47	1.33	1.22	−16	+7	−18	−24	−30	+4	−26	−3	+25	−14	0	−0.24
40779		08 19 23.70	+28 13 39.3	8.89		H	124.848 737 86	+28.227 582 16		1.95	−22.69	16.76	0.97	0.50	1.17	1.14	0.73	−44	+36	−6	−19	−7	−12	−6	−2	−2	−76	0	1.37
40780		08 19 23.86	−09 48 31.7	8.38		H	124.849 417 87	−09.808 806 17		1.74	−7.12	−3.37	1.05	0.83	1.24	1.26	1.07	−28	+38	−36	+24	+6	−9	−2	+28	−15	−14	0	0.44
40781		08 19 23.98	+21 15 26.3	8.03		G	124.849 908 80	+21.257 313 09		2.90	21.47	−24.18	1.04	0.50	1.08	1.22	0.80	−2	+20	−12	−27	−5	−39	−15	+35	−11	+3	0	−0.90
40782		08 19 25.77	+32 29 51.5	8.87		H	124.857 360 49	+32.497 646 70		3.02	−32.79	−16.67	1.01	0.61	1.15	1.26	0.89	−25	+22	−6	+8	−20	−16	−21	+17	+3	−41	5	0.56
40783		08 19 25.88	+01 36 10.5	8.98		H	124.857 828 61	+01.602 914 82		0.94	−5.54	0.19	1.19	0.78	1.29	1.71	1.20	−8	+20	−17	−33	+6	+0	+0	−7	−22	+1	0	−0.70
40784		08 19 25.91	−68 20 13.6	8.40	1	H	124.857 967 16	−68.337 099 59		1.98	−8.10	15.22	0.71	0.68	0.74	0.87	0.71	−5	+18	+12	−6	−5	−14	−6	−22	+6	−32	0	1.12
40785		08 19 27.70	+35 01 25.2	8.30		H	124.865 398 30	+35.023 658 33		13.42	89.38	−138.25	1.02	0.57	1.08	1.23	0.81	−11	+5	−16	−32	−23	+10	−17	+13	−3	−29	0	0.55
40786		08 19 29.49	−11 52 58.6	7.66		G	124.872 881 44	−11.882 940 11		16.90	39.26	−28.83	0.65	0.58	0.88	0.70	0.67	−10	+13	−30	−21	−27	−15	−33	+19	+1	−16	1	1.28
40787		08 19 29.52	−34 35 24.5	6.44		H	124.872 992 44	−34.590 147 13		4.00	−8.88	4.31	0.40	0.44	0.58	0.42	0.42	+7	+1	+7	+11	+7	+5	+6	−16	−2	+6	1	0.78
40788		08 19 29.77	+39 35 43.5	7.63		H	124.874 042 20	+39.595 417 55		4.85	−8.85	−20.68	0.86	0.52	0.91	1.18	0.74	−10	+16	−5	+13	−25	−14	−26	+19	−1	−23	0	0.33
40789		08 19 29.78	−42 00 31.7	8.61		G	124.874 063 57	−42.008 811 24		2.15	−12.30	2.55	0.58	0.62	0.75	0.62	0.64	−4	+9	+13	+9	+3	+8	+1	−17	+12	−14	0	0.46
40790	H	08 19 31.09	−40 26 58.4	8.24		G	124.879 557 85	−40.449 564 14	A	3.29	−7.74	1.07	1.51	2.42	1.80	1.42	2.51	−15	+3	+12	+6	+1	+11	+0	−10	−7	−35	2	0.24
40791		08 19 31.80	+35 02 44.5	7.18	1	G	124.882 496 16	+35.045 682 70		15.19	−55.82	−5.01	0.86	0.49	0.89	1.01	0.66	−9	+2	−13	−33	−27	+10	−18	+13	−3	−35	0	0.13
40792		08 19 31.81	+26 38 27.0	8.33		H	124.882 552 94	+26.640 822 48		6.42	−11.54	25.68	1.03	0.53	1.17	1.17	0.95	−11	+41	−6	+13	+13	+3	+10	+20	−21	−14	0	−0.39
*40793		08 19 32.21	+75 45 24.7	5.55		G	124.884 218 21	+75.756 869 31		11.18	32.28	15.76	0.41	0.45	0.58	0.45	0.47	+8	+13	−3	−4	+13	−1	+11	−14	−7	+9	0	−1.59
*40794		08 19 32.16	−68 59 32.9	8.64		H	124.883 992 67	−68.992 469 94		13.61	84.71	250.74	0.74	0.67	0.76	0.91	0.67	+5	+15	+24	+10	−12	−13	−10	−9	+1	−14	0	0.33
40795		08 19 34.14	+30 42 59.2	8.67		H	124.892 230 63	+30.716 433 88		2.48	−2.86	−2.01	1.08	0.58	1.31	1.21	0.77	−31	+35	−2	−14	−14	−9	−13	+0	−2	−61	0	−0.84
40796		08 19 34.91	+45 28 01.6	8.16		H	124.895 478 80	+45.467 104 88		1.18	6.98	−23.94	1.14	0.63	1.11	1.45	0.94	+23	+40	+1	+29	+12	+4	+11	+28	+1	+32	2	1.41
40797		08 19 35.67	−00 47 21.2	7.84		G	124.898 610 72	−00.789 216 66		4.14	−3.29	−20.78	0.93	0.82	1.18	1.21	1.09	−43	+15	−25	+45	−22	−12	−27	+66	−15	−41	0	2.67
40798		08 19 36.60	−26 42 29.3	9.46		H	124.902 487 81	−26.708 144 56		5.88	−5.89	89.93	0.74	0.80	1.24	0.71	0.76	+18	−18	−20	+16	+19	−3	+21	−20	+0	+25	0	0.53
40799		08 19 36.91	−46 26 23.6	8.54		G	124.903 797 20	−46.439 876 08		6.50	13.86	−33.15	0.73	0.63	0.81	0.91	0.73	+12	+3	+3	−22	−1	+4	+2	−10	+19	−4	0	0.52
40800		08 19 38.05	−31 49 24.5	8.82		G	124.908 558 59	−31.823 478 51		−0.10	−5.76	2.84	0.57	0.70	0.95	0.63	0.73	+7	+4	+5	+17	−6	+6	−8	−15	+13	+1	1	−1.12

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
40701	10.314	0.027	8.442	0.011		1.556	0.023	T	1.57	0.02	L	8.3510	0.0017	0.016	122		8.32	8.37					1							
40702	4.540	0.002	4.105	0.002		0.413	0.020	G	0.49	0.02	A	4.1488	0.0005	0.004	106		4.14	4.17		M			1							S
40703	7.823	0.006	7.720	0.009		0.093	0.010	T	0.11	0.01	L	7.7604	0.0012	0.009	137		7.74	7.78					1							S
40704	8.543	0.012	8.081	0.012		0.443	0.015	G	0.51	0.02	H	8.1392	0.0012	0.009	67		8.12	8.15		C			1							S
40705	10.325	0.032	9.411	0.023		0.842	0.015	G	0.86	0.01	H	9.4834	0.0025	0.021	103		9.45	9.52		C			1							
40706	4.716	0.002	4.470	0.002		0.222	0.005	G	0.25	0.01	A	4.5023	0.0005	0.005	148		4.49	4.51					1							S
40707	9.654	0.017	8.660	0.012		0.870	0.015	T	0.88	0.01	L	8.7296	0.0019	0.021	158		8.70	8.77		C			1							
40708	10.158	0.033	8.976	0.020	A	0.700	0.495	G	0.90	0.05	L *	9.0360	0.0020	0.018	106	*	9.00	9.07		C	08186−2204	I 1	2 C D	AB	84	1.822	0.060	3.81	0.22	D
40709	8.638	0.014	7.489	0.009		0.987	0.013	T	0.97	0.01	L	7.5455	0.0014	0.009	65		7.53	7.57					1							S
40710	10.724	0.058	9.395	0.031		1.128	0.051	T	1.09	0.05	L	9.4032	0.0044	0.024	71		9.35	9.45					1							
40711	9.784	0.025	9.194	0.022		0.551	0.029	T	0.62	0.03	L	9.3047	0.0018	0.014	78		9.28	9.33					1							
40712	10.525	0.032	10.224	0.037		0.286	0.046	T	0.33	0.06	L	10.2954	0.0023	0.026	145		10.24	10.35		C			1							G
40713	7.047	0.005	6.972	0.006		0.068	0.007	T	0.08	0.01	L	6.9848	0.0008	0.007	86		6.98	7.00		C			1							S
40714	9.273	0.015	8.058	0.010		1.030	0.015	G	1.00	0.01	H	8.1155	0.0014	0.012	122		8.10	8.14		C			1							
40715	8.873	0.012	8.783	0.014		0.063	0.001	G	0.07	0.00	H	8.8144	0.0016	0.016	127		8.79	8.84		C			1							
40716	8.039	0.007	7.880	0.007		0.153	0.009	T	0.17	0.01	L	7.9222	0.0013	0.012	113		7.90	7.94		C			1							S
40717	12.001	0.166	11.541	0.173		0.134	0.015	G	0.15	0.01	H	11.9269	0.0065	0.069	168		11.83	12.05					1 X S							D
40718	9.374	0.017	8.138	0.011		1.055	0.016	T	1.02	0.01	L	8.2058	0.0020	0.012	96		8.19	8.22					1							
40719	9.560	0.019	8.917	0.017		0.597	0.022	T	0.67	0.02	L	8.9534	0.0014	0.014	101		8.93	8.98					1							
40720	10.829	0.059	9.764	0.040		0.923	0.054	T	0.92	0.04	L	9.7982	0.0028	0.021	60		9.76	9.84					1							G
40721	11.566	0.091	11.389	0.136		0.095	0.015	G	0.11	0.02	H	11.7676	0.0072	0.084	171		11.63	11.87		U			1							D
40722	9.831	0.026	8.786	0.018		0.908	0.024	T	0.91	0.02	L	8.8507	0.0020	0.013	73		8.81	8.87		C			1							
40723	11.360	0.075	11.321	0.116		0.020	0.015	G	0.04	0.01	H	11.4695	0.0041	0.052	186		11.38	11.60					1							D
40724	11.401	0.091	10.007	0.043		1.132	0.015	G	1.22	0.02	I	9.9513	0.0033	0.023	69		9.92	9.99		C			1 G							G
40725	7.994	0.008	7.824	0.008		0.155	0.011	T	0.17	0.01	L	7.8688	0.0016	0.012	104		7.85	7.89					1							S
40726	9.350	0.020	9.319	0.026		0.033	0.030	T	0.05	0.02	L	9.3426	0.0032	0.029	114		9.29	9.38			08187−2033	I 1	1 S							
40727	8.492	0.011	7.638	0.007		0.765	0.010	T	0.80	0.01	L	7.6925	0.0019	0.016	106		7.67	7.72					1							S
40728	9.341	0.015	9.183	0.018		0.144	0.022	T	0.16	0.02	L	9.1970	0.0024	0.019	106		9.17	9.22					1							
40729	9.096	0.015	8.543	0.014		0.518	0.018	T	0.59	0.02	L	8.6009	0.0019	0.017	103		8.58	8.63		C			1							S
40730	10.760	0.039	10.838	0.070		−0.030	0.015	G	−0.01	0.01	H	10.8565	0.0035	0.040	190		10.79	10.94		C			1 S							D
40731	9.836	0.021	8.539	0.012		1.103	0.019	T	1.07	0.02	L	8.5881	0.0016	0.015	109		8.56	8.62		C			1							
40732						1.207	0.009	G	1.35	0.02	I	11.5966	0.0050	0.032	64		11.52	11.66					1							G
40733	9.098	0.014	8.472	0.013		0.582	0.017	T	0.65	0.02	L	8.5378	0.0021	0.013	79		8.51	8.55					1							S
40734	10.113	0.027	9.509	0.023	*	0.563	0.031	T	0.64	0.03	L *	9.5572	0.0024	0.023	140	*	9.52	9.59		D	08189+5935	I 1	2 C A	AB	346	0.399	0.006	1.24	0.04	
40735	8.294	0.009	7.192	0.006		0.951	0.008	T	0.94	0.01	L	7.2485	0.0011	0.009	118		7.23	7.26		C			1							S
40736	9.984	0.023	9.542	0.024		0.431	0.027	T	0.50	0.03	L	9.6343	0.0029	0.023	111		9.60	9.67					1							
40737	8.756	0.010	8.249	0.009		0.460	0.015	G	0.53	0.02	H	8.3082	0.0017	0.016	163		8.28	8.35					1 S							S
40738	7.720	0.010	7.655	0.012	*	0.059	0.014	T	0.07	0.01	L *	7.7706	0.0011	0.012	138	*	7.75	7.79		D	08189−4503	I 1	2 C A	AB	328	5.197	0.003	0.12	0.01	S
40739	7.542	0.005	7.177	0.005		0.346	0.007	T	0.41	0.01	L	7.2315	0.0010	0.009	100		7.22	7.25		C			1							S
40740	7.003	0.004	7.066	0.006		−0.059	0.002	G	−0.04	0.00	H	7.0669	0.0009	0.008	131		7.05	7.08					1							S
40741	9.243	0.033	8.526	0.026	*	0.659	0.034	T	0.72	0.03	L *	8.9092	0.0021	0.017	109	*	8.89	8.94		D	08190−6012	I 1	2 C A	AB	129	1.554	0.007	1.02	0.03	
40742	7.035	0.005	7.129	0.007		−0.080	0.007	T	−0.06	0.01	L	7.1195	0.0010	0.008	110		7.11	7.14					1							S
40743	8.879	0.012	7.000	0.006		1.561	0.011	T	1.58	0.01	L	6.9576	0.0014	0.010	89		6.94	6.97					1							S
40744	8.953	0.016	8.569	0.017	*	0.364	0.021	T	0.43	0.02	L *	8.5657	0.0018	0.015	76	*	8.53	8.59		D	08190+4927	I 1	2 C S A	AC	339	0.154	0.009	0.63	0.43	S
40745	9.010	0.019	8.433	0.017		0.519	0.015	G	0.59	0.02	H	8.5111	0.0015	0.010	60		8.50	8.53					1							
40746	9.912	0.021	8.707	0.013		1.031	0.019	T	1.00	0.02	L	8.7527	0.0019	0.015	127		8.73	8.78					1							
40747	10.234	0.031	9.620	0.027	*	0.572	0.036	T	0.64	0.03	L *	9.6739	0.0032	0.021	81	*	9.64	9.71		U	08191+1810	I 1	2 C S A	AB	36	0.178	0.007	0.29	0.30	
40748	10.243	0.025	10.403	0.047	*	−0.020	0.015	G	0.00	0.01	H *	10.3972	0.0030	0.039	195	*	10.35	10.46			08191−2944	H 1	2 C B	AB	299	0.257	0.058	1.77	0.52	D
40749	6.267	0.004	6.419	0.004		−0.131	0.005	T	−0.12	0.01	L	6.4024	0.0006	0.007	119		6.39	6.41		C	08191−4812	I 1	1							S
40750	11.331	0.076	9.249	0.022		1.762	0.065	T	2.44	0.12	O	9.0589	0.0127	0.072	80		8.95	9.17	58.70	P 1 A			1							
40751	9.908	0.024	8.784	0.016		0.968	0.022	T	0.95	0.02	L	8.8539	0.0020	0.024	116		8.82	8.90					1							
40752	8.219	0.007	8.097	0.008		0.118	0.010	T	0.13	0.01	L	8.1322	0.0011	0.013	146		8.10	8.15		C			1							
40753	9.523	0.016	9.061	0.016		0.435	0.021	T	0.50	0.02	L	9.1303	0.0019	0.021	165		9.09	9.17		C			1							
40754	6.926	0.004	6.972	0.005		−0.045	0.002	G	−0.02	0.00	H	6.9752	0.0006	0.006	98		6.96	6.99					1							S
40755	8.946	0.012	7.323	0.006		1.360	0.015	G	1.33	0.02	H	7.3212	0.0007	0.009	112		7.30	7.33		C	08191−4612	I 1	1							S
40756	8.378	0.008	7.321	0.006		0.917	0.008	T	0.92	0.01	L	7.3767	0.0009	0.009	106		7.36	7.39		C			1							S
40757	10.478	0.034	8.731	0.014		1.457	0.029	T	1.46	0.05	L	8.6723	0.0014	0.016	125		8.63	8.70					1 S							
40758	9.271	0.015	8.160	0.010		0.958	0.014	T	0.95	0.01	L	8.2125	0.0010	0.014	123		8.19	8.24		D			1							
40759	9.042	0.015	8.651	0.015		0.371	0.004	G	0.43	0.00	H	8.6891	0.0013	0.013	85		8.67	8.71					1							
40760	10.971	0.062	9.056	0.022		1.590	0.052	T	1.61	0.05	L	9.0440	0.0030	0.019	66		9.01	9.09		C			1 X							
40761	8.678	0.012	7.926	0.010		0.674	0.015	G	0.73	0.01	H	7.9997	0.0012	0.011	92		7.98	8.02		C			1							S
40762	9.120	0.013	9.016	0.016		0.094	0.019	T	0.11	0.02	L	9.0604	0.0027	0.019	121		9.03	9.09					1							
40763	9.130	0.015	7.137	0.006		1.652	0.013	T	1.67	0.01	L	7.0228	0.0032	0.036	87		6.99	7.09		U 2			1 S							S P
40764	11.104	0.049	9.494	0.019		1.410	0.015	G	1.39	0.02	H	9.5051	0.0020	0.024	198		9.46	9.55		C			1							D
40765	8.145	0.010	7.501	0.010		0.598	0.012	T	0.67	0.01	L	7.5580	0.0009	0.008	81		7.54	7.57					1							S
40766	6.714	0.005	6.343	0.005		0.329	0.001	G	0.38	0.00	H	6.3922	0.0011	0.008	66		6.38	6.41					1							S P
40767	10.120	0.017	8.890	0.010		1.050	0.015	T	1.02	0.01	L	8.9321	0.0019	0.029	248		8.89	9.00					1							
40768	10.710	0.028	9.702	0.019		0.880	0.025	T	0.89	0.02	L	9.7641	0.0025	0.033	277		9.70	9.82					1							G
40769											T	12.1540	0.0107	0.073	93		12.03	12.28					1							D
40770	9.727	0.022	9.242	0.023	*	0.456	0.029	T	0.53	0.03	L *	9.1835	0.0025	0.019	88	*	9.14	9.21		D	08193+4052	I 1	2 C A	AB	172	0.587	0.003	0.50	0.02	
40771	8.602	0.014	8.586	0.018		0.019	0.021	T	0.04	0.02	L	8.5535	0.0020	0.018	81		8.52	8.58					1							
40772	6.858	0.004	5.827	0.003		0.891	0.003	G	0.90	0.00	H	5.8873	0.0006	0.007	101		5.88	5.91		U 2			1							S
40773	9.763	0.018	7.829	0.008		1.605	0.016	T	1.62	0.02	L	7.7696	0.0015	0.015	169		7.75	7.80					1							
40774	9.516	0.025	8.467	0.018		0.901	0.024	T	0.90	0.02	L	8.4992	0.0023	0.015	55		8.47	8.52					1							S
40775	10.039	0.023	8.764	0.013		1.086	0.021	T	1.05	0.02	L	8.8050	0.0017	0.018	147		8.78	8.84					1							
40776	9.859	0.026	9.457	0.028		0.380	0.035	T	0.44	0.04	L	9.4706	0.0025	0.018	70		9.44	9.49		C			1							
40777	6.708	0.005	6.686	0.007		0.028	0.002	G	0.04	0.00	H	6.6882	0.0027	0.015	92		6.67	6.71	1.76	P 1 A			1							S
40778	10.219	0.026	9.724	0.025		0.484	0.033	G	0.56	0.04	H	9.8124	0.0024	0.022	110		9.78	9.86		C			1							
40779	10.506	0.026	9.043	0.013		1.233	0.023	T	1.19	0.02	L	9.0506	0.0012	0.011	174		9.03	9.07					1							
40780	8.469	0.013	8.380	0.016		0.087	0.019	T	0.10	0.02	L	8.4179	0.0016	0.016	64		8.40	8.45		C			1							S
40781	9.578	0.019	8.136	0.010		1.180	0.015	G	1.14	0.01	H	8.1965	0.0014	0.012	103		8.17	8.22					1							
40782	9.272	0.014	8.916	0.014		0.337	0.018	T	0.39	0.02	L	8.9519	0.0017	0.016	123		8.92	8.98		C			1							
40783	8.994	0.020	8.968	0.025		0.029	0.030	T	0.05	0.02	L	9.0009	0.0027	0.015	54		8.98	9.03		C			1							
40784	10.579	0.036	8.625	0.013		1.656	0.032	T	2.33	0.06	O	8.4490	0.0026	0.026	114		8.42	8.49		U			1							
40785	9.032	0.013	8.365	0.012		0.622	0.015	G	0.69	0.01	H	8.4277	0.0014	0.011	103		8.41	8.45		C	08195+3502	I 2	1							S
40786	8.188	0.008	7.702	0.010		0.485	0.015	G	0.56	0.02	H	7.7603	0.0013	0.012	109		7.74	7.78					1							S
40787	6.333	0.003	6.425	0.004		−0.079	0.004	T	−0.06	0.01	L	6.4216	0.0007	0.007	149		6.41	6.43		C			1							S
40788	9.172	0.017	7.738	0.009		1.210	0.015	T	1.17	0.01	L	7.7912	0.0014	0.011	105		7.77	7.82		C			1							S
40789	8.546	0.009	8.591	0.012		−0.049	0.015	G	−0.03	0.01	H	8.6036	0.0010	0.012	128		8.58	8.62					1							
40790	8.703	0.011	8.341	0.012	*	0.351	0.015	G	0.41	0.02	H *	8.3338	0.0016	0.014	124	*	8.31	8.36		D	08195−4027	I 1	2 C A	AB	162	0.615	0.003	0.35	0.01	
40791	7.558	0.006	7.201	0.006		0.360	0.015	G	0.42	0.02	H	7.2533	0.0022	0.018	103		7.23	7.27		U 2	08195+3502	I 2	1							S
40792	8.786	0.012	8.369	0.012		0.394	0.016	T	0.46	0.02	L	8.4229	0.0014	0.013	110		8.40	8.44		C			1							S
40793	6.698	0.004	5.654	0.002		0.902	0.001	G	0.90	0.00	H	5.7066	0.0006	0.007	161		5.70	5.72		C			1							S
40794	9.364	0.015	8.710	0.013		0.611	0.001	G	0.68	0.00	H	8.7642	0.0017	0.015	107		8.74	8.79					1							
40795	10.244	0.027	8.796	0.013		1.221	0.024	T	1.18	0.02	L	8.8290	0.0013	0.016	140		8.80	8.86		C			1							
40796	10.059	0.030	8.296	0.013		1.469	0.026	T	1.48	0.04	L	8.2877	0.0014	0.011	73		8.26	8.31		C			1							S
40797	9.090	0.015	7.923	0.010		1.008	0.015	G	0.98	0.01	H	7.9989	0.0012	0.007	72		7.98	8.02					1							
40798	10.136	0.021	9.487	0.018		0.595	0.021	T	0.67	0.02	L	9.5872	0.0024	0.031	217		9.54	9.64					1							G
40799	9.000	0.012	8.566	0.012		0.426	0.005	G	0.49	0.01	H	8.6403	0.0014	0.014	112		8.62	8.66		C			1							
40800	8.819	0.009	8.826	0.011		0.000	0.015	G	0.02	0.01	H	8.8299	0.0016	0.021	178		8.79	8.86					1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
40801		08 19 40.85	−25 25 25.6	8.07		H	124.920 198 47	−25.423 764 09		0.66	−5.72	7.58	0.63	0.63	0.93	0.72	0.72	−6	+11	−22	+23	+9	+8	+4	−12	+7	−27	0	−0.67
40802		08 19 41.61	−58 53 26.9	8.39		G	124.923 363 03	−58.890 806 23		6.42	0.23	45.58	0.59	0.57	0.64	0.66	0.56	+2	+6	+17	+10	−2	+6	−3	+1	+7	−4	0	−0.94
40803		08 19 41.87	−50 39 59.6	9.55		G	124.924 451 47	−50.666 559 96		6.77	−8.51	18.90	0.90	0.86	1.01	0.94	0.89	+10	+18	+12	−16	−12	−9	−9	−18	+14	−6	1	−0.30
40804		08 19 42.74	−27 04 54.4	7.18		H	124.928 075 41	−27.081 775 22		3.61	−6.59	−0.02	0.43	0.47	0.81	0.42	0.46	+31	−11	−2	+14	+23	−1	+25	−9	+0	+43	0	0.94
40805		08 19 43.09	−18 15 52.9	9.42	2	H	124.929 561 81	−18.264 690 09		1.19	−4.75	2.32	0.97	0.90	1.28	1.22	1.06	−17	+24	−23	−35	+2	−21	−10	−10	−19	+2	2	0.40
40806		08 19 43.20	+50 16 38.0	8.02		H	124.929 989 68	+50.277 212 59		3.80	0.25	−1.83	0.95	0.58	1.01	1.17	0.94	+2	+36	+0	+15	+9	−1	+12	+7	+6	+5	0	2.01
40807		08 19 43.66	+20 55 05.1	8.11		G	124.931 910 94	+20.918 082 08		1.02	−2.30	−0.02	1.02	0.52	1.03	1.14	0.77	+5	+15	−18	−29	−6	−36	−13	+28	−14	+2	0	0.61
40808		08 19 44.08	−60 06 11.3	7.54		H	124.933 675 32	−60.103 140 59		3.25	−9.26	3.71	0.52	0.47	0.54	0.58	0.46	+3	−10	−1	+13	−2	−4	−4	−14	+18	+2	0	1.74
40809		08 19 44.43	−35 18 58.3	8.14		H	124.935 119 35	−35.316 204 28		2.98	−13.38	10.60	0.50	0.62	0.75	0.51	0.59	+3	−8	+1	+5	+4	+11	+2	−26	+3	+0	1	−1.10
40810		08 19 44.54	−49 32 12.5	7.13		H	124.935 577 72	−49.536 802 87		4.87	−66.39	15.96	0.51	0.47	0.58	0.56	0.47	+5	−5	+10	−5	−10	+12	−11	−6	+16	+0	0	−1.24
40811	H	08 19 45.44	−37 25 03.9	7.00		H	124.939 333 97	−37.417 756 88	*	0.47	−5.43	4.82	1.30	1.77	0.74	0.57	0.67	−30	+9	+4	−24	+0	+7	−2	−14	+2	−11	1	−0.59
40812		08 19 45.66	−33 36 04.0	9.03		H	124.940 268 23	−33.601 108 48		3.00	−8.16	3.28	0.66	0.78	1.07	0.76	0.81	+9	+12	+9	+32	+8	+30	+4	+9	−4	+0	0	−0.62
40813		08 19 46.23	+20 20 12.9	8.57	1	H	124.942 637 04	+20.336 922 56		0.50	−6.05	8.90	1.26	0.61	1.22	1.39	0.97	+1	+18	−16	−39	−11	−25	−19	+32	−28	+3	0	−0.89
40814		08 19 47.57	+35 12 04.8	7.25		H	124.948 201 48	+35.201 332 64		6.49	6.23	−2.84	0.84	0.49	0.91	0.98	0.61	−9	+9	−28	−39	−11	+5	−7	−8	+0	−22	0	−0.56
40815		08 19 48.07	+33 12 54.3	9.81		H	124.950 274 13	+33.215 070 76		4.42	−11.18	−20.05	1.28	0.71	1.44	1.41	0.99	−16	+26	−18	−16	−12	−26	−20	+16	−8	−23	0	0.45
*40816		08 19 49.84	−35 03 55.3	9.43	2	H	124.957 668 99	−35.065 350 82		1.44	−2.25	1.25	0.86	0.97	1.25	0.90	0.94	−2	−2	+9	−3	+0	−8	+1	−25	−20	−2	0	0.26
*40817		08 19 49.00	−71 30 54.0	5.33		H	124.954 148 18	−71.514 996 32		8.35	−17.29	37.04	0.47	0.41	0.48	0.53	0.39	+8	+21	+18	−9	−8	+5	−5	−10	+12	−4	3	2.15
40818	H	08 19 49.85	+03 56 53.1	6.04		H	124.957 701 00	+03.948 085 79	*	5.63	26.42	−22.09	1.02	0.74	0.93	1.10	0.75	−28	+25	−27	−1	+6	−4	+3	+14	+2	+49	2	1.19
40819		08 19 52.43	+07 36 30.4	9.66		G	124.968 456 51	+07.608 434 48		2.55	−2.04	−6.91	1.33	0.74	1.49	1.50	0.94	−22	+37	−22	−24	−3	−24	−11	+7	−12	−21	0	1.01
40820		08 19 52.51	+04 44 34.4	9.24		H	124.968 809 83	+04.742 902 26		2.87	−4.82	6.38	1.19	0.80	1.28	1.73	1.18	−5	+24	−23	−22	−12	−3	−18	+17	+4	+17	0	−0.08
40821	H	08 19 53.89	−56 14 59.9	9.05		H	124.974 527 20	−56.249 960 39	A	6.15	−12.56	−2.96	1.08	1.11	1.09	1.07	1.09	−18	+16	+20	+0	−4	+6	−4	+6	+2	−28	1	−0.46
40822		08 19 53.93	−12 51 25.0	6.77		H	124.974 699 69	−12.856 956 25		4.04	−40.31	2.58	0.63	0.55	0.82	0.75	0.68	−15	+23	−17	+5	−14	−19	−19	+32	−8	−13	0	1.15
40823		08 19 55.82	+39 53 05.0	6.76		H	124.982 601 36	+39.884 715 56		4.40	−14.40	−6.39	0.77	0.47	0.83	1.06	0.67	−10	+13	−5	+6	−22	−11	−22	+15	+3	−24	0	0.44
40824		08 19 57.81	−51 56 31.1	6.75		H	124.990 869 18	−51.941 971 77		13.25	−44.04	50.62	0.44	0.44	0.50	0.51	0.47	+12	+1	+0	−5	−10	−6	−9	−13	+11	+13	0	0.67
40825		08 19 57.93	−47 40 48.2	8.06	2	H	124.991 376 63	−47.680 046 15		1.53	−13.48	10.93	0.64	0.57	0.73	0.73	0.57	−2	−1	+27	+3	+8	+12	+4	−8	+12	−5	0	−0.44
*40826		08 19 58.44	−36 36 40.4	7.59		H	124.993 511 10	−36.611 224 74		2.65	−9.25	13.11	0.47	0.53	0.69	0.52	0.51	+2	+3	+23	−8	+8	+12	+5	−20	+4	−3	0	−1.09
*40827		08 19 58.43	+63 04 11.3	9.98		H	124.993 456 29	+63.069 812 79		4.38	8.52	3.75	1.22	1.02	1.63	1.33	1.39	−9	+16	+1	−11	+2	+9	+0	−19	−10	−5	0	0.74
40828		08 19 58.55	−53 41 17.4	8.31		H	124.993 965 84	−53.688 154 66		3.02	−21.50	25.26	0.61	0.58	0.66	0.78	0.61	+8	+10	+5	+2	−1	−4	+0	−18	−2	+16	0	−0.81
40829		08 19 59.69	+51 17 14.4	8.42		H	124.998 700 43	+51.287 320 54		6.07	−0.85	4.97	1.00	0.65	1.00	1.45	1.06	+13	+23	−7	+47	+18	−9	+22	+24	+10	+20	0	2.69
40830		08 19 59.73	−78 19 42.9	8.24		H	124.998 873 76	−78.328 573 93		5.57	−24.09	29.26	0.64	0.57	0.66	0.69	0.66	+5	+26	+9	+14	−11	+13	−10	+15	+9	−5	0	2.03
40831		08 19 59.99	−34 25 14.5	8.90		H	124.999 962 16	−34.420 702 65	A	13.13	−81.16	60.55	1.31	1.47	1.65	1.12	1.20	−1	+1	+6	−3	+10	+3	+8	−9	−6	−7	7	1.42
40832		08 20 00.12	+19 51 03.6	7.70		H	125.000 501 04	+19.850 988 87		2.80	−28.31	−7.23	0.95	0.50	1.02	1.11	0.82	−12	+28	−19	−26	+0	−19	−13	+29	−32	+0	0	−0.93
*40833		08 20 00.74	+23 48 33.7	7.93		G	125.003 090 17	+23.809 370 36		5.57	−13.03	−19.11	0.92	0.46	1.02	1.16	0.87	−10	+29	−8	−5	+1	−9	−6	+36	−26	−8	0	0.12
*40834		08 20 00.56	−71 30 19.7	5.63		H	125.002 329 60	−71.505 462 47		8.25	−17.73	35.09	0.47	0.41	0.48	0.54	0.40	+9	+22	+16	−9	−8	+6	−5	−12	+11	−3	3	0.15
40835		08 20 01.33	+16 13 24.5	7.59		H	125.005 522 77	+16.223 469 93		1.47	0.89	−4.41	0.90	0.53	1.02	1.10	1.03	−21	+21	+2	−20	−13	−20	−9	+32	−25	−34	2	−0.64
40836		08 20 01.43	+19 27 11.7	8.83	1	H	125.005 964 56	+19.453 242 49		0.83	2.48	3.53	1.26	0.59	1.33	1.67	1.10	−20	+38	−22	−25	+3	−4	−20	+39	−34	+7	0	−0.54
40837		08 20 01.59	−66 29 49.8	9.11		H	125.006 638 08	−66.497 170 87		2.50	−0.94	−3.24	0.75	0.72	0.84	0.94	0.86	−8	+20	+7	−2	−8	−30	−7	+0	+1	−30	0	1.80
40838		08 20 01.70	−56 51 29.8	8.02	2	H	125.007 092 38	−56.858 288 31		3.37	−7.74	10.66	0.53	0.50	0.56	0.54	0.53	−13	+4	+5	+8	−3	+13	−4	+8	−2	−22	0	−0.20
40839		08 20 02.35	+06 16 16.5	10.73		G	125.009 790 10	+06.271 248 44		18.00	−248.54	44.70	2.14	1.28	2.33	2.98	1.63	−15	+28	−34	−33	−17	−16	−22	+4	+5	−2	0	−0.73
40840		08 20 02.38	−50 53 01.4	8.77		H	125.009 917 06	−50.883 722 38		14.22	−127.14	91.86	0.68	0.63	0.76	0.72	0.66	+3	+16	+6	−6	−5	+0	−2	−6	+17	−2	1	−0.35
40841		08 20 02.79	+73 20 12.3	8.44		H	125.011 614 93	+73.336 759 98		10.18	−100.39	−250.65	0.59	0.66	0.91	0.67	0.78	+17	+18	+1	−2	−6	+13	−7	−11	−8	+27	1	−0.34
40842		08 20 03.29	−14 36 46.3	8.08		G	125.013 697 16	−14.612 853 69		10.04	−90.02	53.93	0.73	0.71	1.10	0.86	0.87	−20	+31	−33	−1	−3	−1	−10	+17	−23	−11	0	−0.69
40843		08 20 03.87	+27 13 07.0	5.13		H	125.016 134 64	+27.218 621 38		55.17	−18.38	−376.26	0.78	0.46	0.93	0.86	0.79	−32	+34	−29	−16	+2	−3	−6	+21	−34	−36	0	0.33
40844		08 20 03.92	+44 39 50.4	7.89		G	125.016 329 03	+44.664 008 53		15.35	−73.53	−53.22	0.93	0.55	0.96	1.40	0.76	+7	+21	−15	+18	+3	−14	+0	+3	−11	+15	0	1.38
40845		08 20 04.83	−23 27 42.9	7.07		H	125.020 135 14	−23.461 902 85		0.79	−3.43	5.90	0.54	0.50	0.74	0.61	0.58	−18	+18	−18	+21	+7	−8	−1	−7	+0	−38	2	−0.06
40846		08 20 04.86	−31 05 52.0	6.90		H	125.020 264 82	−31.097 786 94		4.00	−20.12	−3.98	0.43	0.50	0.69	0.50	0.50	+8	−2	+3	+1	+7	−2	+4	−21	+12	+0	0	1.82
40847		08 20 05.06	+55 12 13.7	8.44		H	125.021 078 28	+55.203 814 36		7.24	−32.46	10.76	0.88	0.79	1.15	1.09	0.95	−18	+29	−9	−20	−7	−13	−5	−5	+4	−27	0	−0.31
40848		08 20 05.42	+73 24 58.9	8.36		H	125.022 579 75	+73.416 373 53		32.22	−312.30	−487.15	0.64	0.68	0.97	0.75	0.83	+17	+18	+3	−8	−5	+17	−6	−15	−6	+27	1	0.42
*40849		08 20 07.26	+53 11 51.1	7.19		H	125.030 265 16	+53.197 529 21		1.99	−4.45	−6.38	0.75	0.59	0.88	0.99	0.88	−7	+23	+4	+32	+0	−2	+9	+22	+30	+3	0	−1.21
*40850		08 20 07.26	−11 19 36.8	9.05		H	125.030 257 99	−11.326 876 62		1.91	−6.76	−1.63	0.97	0.80	1.25	0.99	0.99	−12	+18	−17	−31	−32	−18	−33	+18	−1	−28	0	0.84
40851		08 20 08.13	−47 39 36.8	8.31		G	125.033 868 21	−47.660 231 32		1.84	−11.50	8.80	0.69	0.61	0.78	0.79	0.62	−2	+1	+24	+1	+8	+11	+4	−8	+10	−8	1	1.54
40852	H	08 20 08.26	+32 18 57.0	8.61		H	125.034 436 52	+32.315 828 81	A	2.75	−9.73	−19.93	2.07	1.25	2.19	2.36	1.62	−31	+12	−12	−13	−13	−20	−18	+18	−9	−35	2	0.01
40853		08 20 10.66	−23 21 33.4	7.79	3	H	125.044 435 75	−23.359 284 09		1.94	−8.06	4.44	0.61	0.56	0.87	0.70	0.68	−17	+12	−9	+26	+7	−19	−1	+4	+5	−43	1	2.15
40854		08 20 10.73	−26 59 55.0	9.57	2	H	125.044 688 98	−26.998 619 98		6.14	−29.53	−47.93	0.77	0.81	1.36	0.71	0.75	+21	−20	−13	+13	+21	−13	+24	−16	−9	+33	1	0.98
40855		08 20 11.78	−63 30 13.7	7.95		H	125.049 077 12	−63.503 806 22		4.63	−26.60	4.19	0.61	0.69	0.69	0.56	0.69	+7	+8	+15	−30	−7	−12	−14	−47	+8	−28	0	0.42
40856		08 20 12.42	−42 03 32.0	7.63		H	125.051 743 57	−42.058 879 05		5.58	8.76	−10.81	0.53	0.57	0.71	0.55	0.58	−1	+7	+17	+3	−1	−1	−2	−9	+17	−17	0	1.30
40857	H	08 20 12.68	−23 47 00.7	8.26		H	125.052 831 00	−23.783 515 91	*	2.41	−7.77	3.13	0.57	0.61	0.98	0.68	0.73	−6	+23	−4	+14	+4	−8	+4	+7	+8	−28	0	−0.92
40858		08 20 12.98	−00 54 32.8	6.18		G	125.054 068 58	−00.909 103 29		24.50	39.29	−86.53	0.77	0.63	1.14	0.98	0.77	−23	+28	−56	+35	+22	−20	+2	+54	−37	+1	0	2.28
40859		08 20 17.01	−05 19 47.4	6.12		G	125.070 884 69	−05.329 824 48		6.32	14.92	−43.27	0.65	0.60	0.85	0.80	0.80	−35	+17	−26	+14	−17	−11	−22	+52	−19	−31	0	0.80
40860		08 20 17.53	+25 29 48.6	8.42		H	125.073 046 35	+25.496 843 86		5.29	6.65	−35.05	0.93	0.53	1.03	1.21	1.10	−18	+5	−2	−20	−10	−8	+3	+27	−11	−47	2	1.13
40861		08 20 17.60	−87 43 41.1	7.64		H	125.073 352 96	−87.728 080 59		6.76	−2.36	84.40	0.64	0.70	0.67	0.90	1.06	−20	+17	+1	+1	+18	+12	+12	−50	+3	−43	0	−0.09
40862		08 20 18.49	−50 58 03.3	8.61		H	125.077 039 81	−50.967 590 78		2.53	−14.54	6.35	0.62	0.64	0.72	0.66	0.66	+8	+8	+10	−3	−7	+1	−7	−10	+11	−1	0	−1.94
40863		08 20 19.13	+57 18 17.3	8.00		H	125.079 723 30	+57.304 793 14		3.29	−12.74	−0.12	0.69	0.58	1.00	0.91	0.64	−25	+27	+3	−56	−4	−10	−9	−48	−5	+32	0	−1.39
40864		08 20 19.46	−69 03 40.7	7.07		H	125.081 096 81	−69.061 305 24		3.54	9.55	−10.39	0.62	0.53	0.64	0.74	0.59	−3	+15	+21	+11	−7	−5	−6	+2	−14	−12	0	0.55
40865		08 20 20.56	−32 00 00.6	8.77		H	125.085 646 86	−32.000 175 28		0.53	−4.96	3.35	0.62	0.69	1.03	0.72	0.78	+11	+4	−4	+13	−4	+12	−3	−7	+22	+10	0	0.45
40866		08 20 20.93	+20 44 52.2	5.80		H	125.087 218 90	+20.747 831 86		6.39	64.81	−45.59	0.83	0.38	0.82	0.96	0.63	−1	+25	−14	−34	−5	−34	−17	+31	−18	+7	0	−2.77
40867		08 20 22.48	+51 19 17.1	8.61	2	H	125.093 679 18	+51.321 410 65		1.66	2.57	3.84	1.09	0.72	1.10	1.37	1.13	+1	+32	+5	+31	+5	−5	+10	+25	+12	+2	0	−0.04
40868		08 20 22.61	−25 49 12.6	7.73		H	125.094 212 34	−25.820 157 16		5.26	15.05	−55.38	0.60	0.57	0.82	0.65	0.62	−5	+3	−25	+39	−2	+5	−6	+11	+4	−23	0	−0.67
40869		08 20 23.17	−53 04 52.3	9.77		H	125.096 553 88	−53.081 208 09		5.67	14.06	−70.60	0.90	0.86	0.99	1.27	0.93	+5	+9	+11	−3	+2	−5	+3	−13	+9	+10	1	1.93
40870		08 20 23.45	+08 00 26.5	7.35		H	125.097 693 40	+08.007 372 40		1.88	−9.77	−4.48	0.93	0.49	1.00	1.18	0.65	−10	+41	−15	−9	−11	−21	−13	+14	−1	−8	0	1.41
*40871		08 20 23.46	−33 46 33.5	8.27	2	H	125.097 759 46	−33.775 969 23		2.22	−7.90	7.49	0.57	0.68	0.94	0.68	0.67	+4	+12	+19	+32	+8	+26	−1	−5	−5	−9	0	0.68
*40872		08 20 23.46	−46 59 32.2	7.83		H	125.097 736 73	−46.992 272 84		3.13	−11.55	7.63	0.61	0.54	0.69	0.71	0.59	+2	+10	+7	−16	+4	−1	+6	−14	+15	−8	2	−0.65
40873		08 20 23.56	−34 27 17.6	8.58		H	125.098 149 65	−34.454 879 89		8.25	−15.28	−1.56	0.63	0.65	0.89	0.71	0.69	+3	−9	+13	+11	+5	+7	+3	−15	−12	−4	0	−0.46
40874		08 20 23.63	−02 37 59.5	8.98		H	125.098 471 41	−02.633 202 67		4.80	−14.55	1.23	1.01	0.89	1.32	1.32	1.16	−23	+7	−25	+28	−5	−31	−14	+57	−12	−19	0	1.53
40875		08 20 26.00	+57 44 35.7	5.89		H	125.108 321 65	+57.743 244 66		31.57	57.08	13.92	0.47	0.42	0.71	0.63	0.46	−20	+19	+2	−44	−4	−5	−4	−44	+3	+38	0	−2.02
40876		08 20 27.36	−22 55 28.8	6.12		H	125.113 995 20	−22.924 679 92		4.58	−16.72	0.15	0.49	0.44	0.72	0.55	0.56	−7	+14	−5	+4	+23	−6	+16	−17	−5	−42	1	1.20
40877		08 20 28.30	−29 26 58.6	9.02		H	125.117 924 94	−29.449 600 55		2.68	−12.45	4.14	0.59	0.86	1.26	0.68	0.89	+12	−1	+6	+17	+6	+3	+5	−8	−6	+8	0	−0.27
40878		08 20 29.16	+53 34 27.7	6.50		H	125.121 497 26	+53.574 352 44		15.94	−64.92	−107.12	0.61	0.53	0.75	0.77	0.75	−24	+22	−6	+6	−22	−2	−23	+28	+6	−19	0	−0.97
40879		08 20 29.21	+09 24 00.6	6.93		H	125.121 720 88	+09.400 169 21		1.84	−36.74	−21.25	0.93	0.47	0.92	1.06	0.53	+4	+33	−21	−32	−18	−24	−21	+1	−1	+5	0	−0.39
40880		08 20 29.49	−06 37 37.7	7.11		H	125.122 880 07	−06.627 146 98		2.77	−5.26	−1.46	0.71	0.54	0.85	0.96	0.72	−11	+20	−22	+5	+7	−18	−2	+37	−10	+5	0	2.85
40881		08 20 32.15	+24 01 20.5	5.92		H	125.133 955 49	+24.022 356 99		7.78	−20.67	−17.84	0.83	0.47	0.97	1.09	0.87	−22	+29	−21	+15	+4	+4	−1	+36	−31	−16	2	−1.36
40882		08 20 33.34	+65 23 38.1	8.43		H	125.138 934 74	+65.393 919 27		26.98	11.65	21.55	0.76	0.76	1.17	0.85	0.84	+9	+6	−12	+18	−12	+6	−5	−7	+6	+31	0	0.22
40883		08 20 34.08	+38 20 44.6	8.29		H	125.141 999 97	+38.345 711 19		3.38	−4.50	−19.36	1.17	0.58	1.21	1.45	0.84	−26	+48	−18	+20	−25	−12	−33	+31	−17	−17	0	1.85
40884		08 20 34.57	−44 15 18.0	7.23		H	125.144 045 44	−44.255 002 07		2.43	−15.04	2.96	0.49	0.49	0.62	0.59	0.53	+8	+18	+6	+22	+4	+30	+4	−17	+11	+11	0	−0.16
40885		08 20 34.94	−13 38 00.4	8.06		H	125.145 579 95	−13.633 452 34		0.39	−6.65	1.14	0.87	0.72	1.16	1.02	0.89	−8	+30	−23	+13	+7	−18	+0	+35	−12	−1	0	1.94
40886		08 20 35.67	−45 08 57.3	9.75		G	125.148 638 39	−45.149 262 89		2.58	−11.16	−0.51	0.92	0.98	1.12	1.03	1.09	+16	+3	+6	−22	−6	−6	−7	−27	+9	+0	0	0.77
40887		08 20 36.44	+38 57 06.1	10.10		H	125.151 852 15	+38.951 688 14		2.30	11.98	−1.68	1.71	0.95	1.82	2.28	1.51	−13	+32	−8	+15	−22	−5	−25	+21	−8	−24	0	−0.41
40888		08 20 38.89	−77 29 04.5	4.34		G	125.162 033 04	−77.484 576 40		21.22	−129.09	40.78	0.45	0.44	0.47	0.48	0.48	−1	+9	+7	+18	−17	+20	−20	+18	−4	−12	0	1.12
40889		08 20 40.32	+72 24 26.3	6.00	1	H	125.167 981 87	+72.407 293 24		3.44	2.52	−24.97	0.41	0.46	0.64	0.46	0.62	+21	+21	+1	+11	+6	+10	+8	+5	+10	+38	0	0.52
40890		08 20 41.00	+25 20 10.7	7.27		H	125.170 840 87	+25.336 296 15		2.47	−6.66	−14.03	0.83	0.54	1.00	1.08	1.04	−29	+10	−5	+0	−11	−24	−3	+32	−15	−47	2	−1.01
40891		08 20 41.12	+32 23 44.2	9.42		H	125.171 315 63	+32.395 603 72		4.09	−4.00	−0.90	1.12	0.64	1.36	1.39	0.91	−29	+23	−17	−9	−16	−28	−21	+18	+5	−37	0	0.67
40892		08 20 41.35	+05 11 21.7	9.92	2	H	125.172 297 33	+05.189 360 58		0.21	−4.91	1.12	1.60	1.02	1.71	2.17	1.64	−16	+25	−17	−12	−15	−18	−22	+36	−4	−10	0	−0.08
40893		08 20 41.44	+02 39 53.4	7.42		G	125.172 650 55	+02.664 827 92		6.54	−40.42	−17.66	0.97	0.65	1.14	1.17	0.93	−28	+46	−32	−1	−9	−5	−22	+43	−25	−10	3	0.76
40894		08 20 42.67	−64 03 58.0	8.33		H	125.177 777 19	−64.066 109 07		11.68	−18.37	153.32	0.60	0.62	0.66	0.52	0.62	+7	+4	+20	−40	−16	−7	−16	−30	−3	−21	0	0.93
40895		08 20 43.06	−31 39 22.0	9.36		H	125.179 420 38	−31.656 103 34		1.21	−4.93	0.43	0.75	0.90	1.19	0.81	0.89	+6	+3	+0	+23	−2	+8	−2	−17	+10	+5	2	1.79
40896		08 20 45.55	−14 21 47.4	7.57		H	125.189 782 70	−14.363 162 18		10.44	−28.06	17.05	0.68	0.67	0.95	0.78	0.78	−19	+29	−36	−1	−26	+6	−30	+33	−13	−5	0	−0.54
*40897		08 20 50.34	−27 38 24.4	9.25		H	125.209 740 32	−27.640 118 54		12.99	8.41	−23.91	1.60	1.67	1.75	1.87	1.74	+58	+1	−12	−92	−59	+5	−72	−84	+12	+82	0	0.66
*40898		08 20 46.50	+42 06 05.7	8.91		H	125.193 764 00	+42.101 588 97		10.78	−39.55	−29.72	1.12	0.64	1.23	1.39	0.96	−10	+33	−18	+6	−7	+4	−11	+22	−9	+2	0	0.64
*40899		08 20 46.62	+61 40 55.9	8.61		H	125.194 266 09	+61.682 191 02		6.69	−20.95	−14.07	0.76	0.70	1.08	0.84	0.91	−6	+13	−13	+21	+8	−5	+12	−9	+1	+4	0	−1.32
*40900	H	08 20 47.89	−25 08 03.3	8.47		H	125.199 534 18	−25.134 248 36	A	5.56	−18.00	13.38	1.55	1.58	1.70	1.23	1.31	−19	+20	−14	+20	+6	+4	+3	+3	−1	−30	1	0.15

No.	Tycho Magnitudes					Colour Indices					Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
40801	9.865	0.024	8.221	0.012		1.375	0.021	T	1.35	0.03	L	8.2223	0.0010	0.013	124		8.20	8.24					1							
40802	8.894	0.012	8.431	0.012		0.481	0.015	G	0.55	0.02	H	8.4884	0.0016	0.013	121		8.46	8.51		C			1							
40803	10.290	0.025	9.598	0.022		0.620	0.020	G	0.69	0.02	H	9.6821	0.0028	0.025	115		9.64	9.72					1							G
40804	8.852	0.008	7.302	0.004		1.301	0.007	T	1.26	0.01	L	7.3331	0.0011	0.014	259		7.31	7.36					1							S
40805	11.535	0.132	9.625	0.039		1.670	0.050	G	1.65	0.05	J	9.5334	0.0087	0.059	80		9.41	9.62		U 2			1 G							
40806	9.573	0.021	8.150	0.012		1.200	0.015	G	1.16	0.01	H	8.1838	0.0018	0.017	90		8.15	8.21					1							
40807	8.030	0.007	8.111	0.009		−0.068	0.005	G	−0.05	0.01	H	8.1074	0.0014	0.013	108		8.08	8.13					1							S
40808	7.474	0.006	7.523	0.008		−0.051	0.008	G	−0.03	0.01	H	7.5264	0.0012	0.010	116		7.51	7.55		C			1							S
40809	8.153	0.007	8.149	0.008		0.008	0.010	T	0.03	0.01	L	8.1553	0.0015	0.017	172		8.13	8.19					1							
40810	8.670	0.010	7.270	0.006		1.190	0.015	G	1.15	0.01	H	7.2981	0.0009	0.011	130		7.28	7.31		C			1							S
40811	7.504	0.006	7.053	0.006	*	0.425	0.007	T	0.49	0.01	L *	7.0959	0.0009	0.008	144	*	7.08	7.11		C	08198−3725	H 1	2 C C	AB	313	0.220	0.045	3.10	0.47	S
40812	8.992	0.012	9.025	0.016		−0.026	0.018	T	0.00	0.02	L	9.0310	0.0015	0.021	151		8.99	9.08					1							
40813	10.681	0.041	8.767	0.013		1.623	0.035	T	1.92	0.09	O	8.6636	0.0040	0.022	98		8.63	8.70		U			1							
40814	8.491	0.012	7.354	0.007		0.980	0.015	G	0.96	0.01	H	7.4154	0.0010	0.007	111		7.41	7.43		C			1							S
40815	10.475	0.034	9.878	0.031		0.557	0.041	T	0.63	0.04	L	9.9332	0.0023	0.022	110		9.90	9.97		C			1							
40816	11.893	0.111	9.767	0.024		1.758	0.091	T	1.79	0.09	L	9.5390	0.0040	0.046	173		9.47	9.61		U			1 S							G
40817	5.248	0.003	5.322	0.003		−0.063	0.004	T	−0.04	0.00	L	5.3194	0.0005	0.005	105		5.31	5.33		C	08199−7130	I 2	1							S
40818	7.265	0.008	6.156	0.005	*	0.964	0.005	G	1.00	0.04	E *	6.2026	0.0008	0.005	55	*	6.19	6.21		D	08198+0357	I 1	2 C A	AB	68	0.265	0.003	0.32	0.03	S
40819	9.964	0.027	9.752	0.032		0.190	0.020	G	0.21	0.02	H	9.7391	0.0028	0.018	69		9.70	9.77		C			1							
40820	9.400	0.020	9.254	0.024		0.140	0.029	T	0.15	0.03	L	9.2874	0.0023	0.020	69		9.26	9.32		C			1							
40821	9.388	0.016	9.118	0.017	*	0.257	0.022	T	0.29	0.03	L *	9.1238	0.0021	0.017	104	*	9.09	9.16		C	08199−5615	H 1	2 C A	AB	332	0.813	0.027	3.14	0.10	
40822	8.588	0.011	6.925	0.006		1.390	0.010	T	1.36	0.01	L	6.9177	0.0010	0.007	95		6.90	6.93					1							S
40823	8.015	0.007	6.864	0.005		0.989	0.007	T	0.97	0.01	L	6.9304	0.0008	0.007	96		6.92	6.94					1							S
40824	7.063	0.005	6.787	0.005		0.263	0.007	T	0.30	0.01	L	6.8263	0.0007	0.007	120		6.81	6.84		C			1							S
40825	7.982	0.008	8.050	0.010		−0.048	0.015	G	−0.03	0.01	H	8.0546	0.0023	0.019	111		8.03	8.09		U 2			1							
40826	7.621	0.006	7.586	0.007		0.032	0.009	G	0.05	0.01	H	7.6099	0.0010	0.011	149		7.59	7.63		C			1							S
40827	11.360	0.077	10.082	0.040		1.088	0.068	T	1.05	0.07	L	10.1517	0.0036	0.030	87		10.08	10.20					1							
40828	9.578	0.018	8.407	0.012		1.004	0.017	T	0.98	0.01	L	8.4771	0.0013	0.012	115		8.46	8.50		C			1							
40829	8.605	0.011	8.441	0.013		0.163	0.015	G	0.18	0.01	H	8.4788	0.0024	0.014	86		8.46	8.50		C			1							S
40830	8.570	0.010	8.284	0.011		0.271	0.016	T	0.31	0.02	L	8.3099	0.0017	0.011	99		8.29	8.33					1							S
40831	9.503	0.020	8.907	0.018	A	0.556	0.020	T	0.63	0.02	L	9.0193	0.0661	0.041	151	A	8.80	9.06		D	08200−3425	M 1	2 C A	AB	76	23.588	0.038	0.64	0.14	G P
40832	8.920	0.013	7.783	0.008		0.978	0.012	T	0.96	0.01	L	7.8651	0.0012	0.012	97		7.85	7.88		C			1							S
40833	7.964	0.007	7.923	0.007		0.044	0.002	G	0.06	0.00	H	7.9497	0.0010	0.009	114		7.94	7.97		C			1							S
40834	5.491	0.003	5.607	0.003		−0.099	0.004	T	−0.08	0.01	L	5.6004	0.0006	0.006	108		5.59	5.61		C	08199−7130	I 2	1							S
40835	9.634	0.023	7.777	0.010		1.544	0.020	T	1.60	0.04	L	7.7005	0.0015	0.012	82		7.68	7.72					1							
40836	10.952	0.046	9.042	0.016		1.620	0.040	T	2.08	0.09	O	8.9124	0.0027	0.021	94		8.88	8.96		U			1							
40837	9.702	0.019	9.148	0.018		0.519	0.023	T	0.59	0.02	L	9.2193	0.0018	0.015	112		9.20	9.24		C			1							
40838	8.020	0.007	8.051	0.009		−0.024	0.010	T	0.00	0.01	L	8.0236	0.0013	0.016	122		8.00	8.07		U 2 C			1							S
40839						1.051	0.001	G	1.10	0.00	I	10.8416	0.0047	0.033	54		10.80	10.91					1							G
40840	9.450	0.015	8.820	0.014		0.581	0.015	T	0.65	0.01	L	8.8907	0.0017	0.014	120		8.86	8.91					1							
40841	9.169	0.011	8.514	0.010		0.600	0.015	G	0.67	0.01	H	8.5669	0.0017	0.019	167		8.53	8.60		C			1							
40842	8.566	0.013	8.136	0.013		0.420	0.015	G	0.49	0.02	H	8.1746	0.0012	0.012	81		8.15	8.20		C			1							S
40843	5.689	0.004	5.182	0.003		0.487	0.004	T	0.56	0.00	L	5.2335	0.0004	0.004	95		5.23	5.24					1							S
40844	8.478	0.011	7.923	0.010		0.519	0.015	G	0.59	0.02	H	8.0042	0.0017	0.012	90		7.98	8.02		C			1							S
40845	9.237	0.014	7.264	0.006		1.636	0.012	T	1.66	0.01	L	7.1756	0.0012	0.013	140		7.15	7.20					1							S
40846	8.443	0.009	7.023	0.005		1.199	0.008	T	1.16	0.01	L	7.0610	0.0010	0.012	182		7.04	7.08		C			1							S
40847	9.057	0.014	8.490	0.013		0.531	0.015	G	0.60	0.02	H	8.5520	0.0026	0.019	90		8.52	8.58		C			1							S
40848	9.424	0.013	8.438	0.009		0.853	0.001	G	0.90	0.00	H	8.5022	0.0014	0.019	161		8.47	8.53					1							
40849	9.027	0.017	7.346	0.009		1.404	0.015	T	1.38	0.02	L	7.3346	0.0015	0.010	70		7.32	7.35		C			1							S
40850	10.233	0.025	9.117	0.016		0.962	0.023	T	0.95	0.02	L	9.2139	0.0022	0.018	111		9.18	9.24		C			1							
40851	8.150	0.008	8.307	0.011		−0.119	0.011	G	−0.10	0.01	H	8.2693	0.0021	0.016	110		8.24	8.30					1							
40852	9.280	0.014	8.709	0.013	A	0.800	0.495	G	0.64	0.01	L *	8.7352	0.0015	0.017	119	*	8.71	8.77		D	08201+3219	I 1	2 C B	AB	153	3.443	0.058	3.21	0.17	S
40853	7.778	0.008	7.790	0.010		−0.006	0.012	T	0.01	0.01	L	7.7951	0.0017	0.035	145		7.77	8.28	3.82	P 1 A			1							S
40854	10.321	0.023	9.599	0.020		0.649	0.023	T	0.71	0.02	L	9.6996	0.0024	0.035	230		9.64	9.76		U			1							G
40855	9.444	0.018	8.074	0.010		1.160	0.016	T	1.12	0.01	L	8.1212	0.0014	0.014	92		8.10	8.14					1							
40856	8.879	0.011	7.735	0.007		0.983	0.010	T	0.96	0.01	L	7.7915	0.0011	0.011	130		7.77	7.82					1							S
40857	8.285	0.008	8.258	0.010	*	0.025	0.011	T	0.04	0.01	L *	8.2774	0.0014	0.016	160	*	8.25	8.31			08202−2347	H 1	2 C S A	AB	67	0.120	0.023	1.66	0.77	
40858	6.914	0.007	6.243	0.004		0.607	0.005	G	0.68	0.07	F	6.3038	0.0008	0.004	67		6.30	6.31		C			1							S
40859	7.843	0.008	6.253	0.004		1.329	0.002	G	1.33	0.04	E	6.2690	0.0009	0.007	73		6.26	6.29		C			1							S
40860	8.847	0.013	8.449	0.013		0.360	0.015	G	0.42	0.02	H	8.5032	0.0016	0.014	103		8.48	8.53		C			1							S
40861	8.162	0.009	7.693	0.007		0.450	0.015	G	0.52	0.02	H	7.7438	0.0010	0.011	124		7.72	7.77		C			1 G							S
40862	8.780	0.011	8.605	0.012		0.168	0.015	T	0.18	0.01	L	8.6655	0.0015	0.013	120		8.64	8.69		C			1							
40863	9.140	0.011	8.098	0.008		0.906	0.010	T	0.91	0.01	L	8.1581	0.0013	0.016	188		8.13	8.18					1							S
40864	8.551	0.010	7.196	0.006		1.148	0.009	T	1.11	0.01	L	7.2397	0.0013	0.011	107		7.22	7.26					1 G							S
40865	8.755	0.009	8.770	0.011		−0.009	0.013	T	0.01	0.01	L	8.7780	0.0018	0.021	168		8.75	8.82					1							
40866	7.274	0.005	5.928	0.003		1.137	0.009	G	1.10	0.04	E	5.9733	0.0006	0.005	113		5.96	5.99		C			1							S
40867	10.792	0.049	8.828	0.017		1.629	0.041	T	1.65	0.04	L	8.7209	0.0035	0.026	84		8.66	8.76		U			1							
40868	8.286	0.008	7.781	0.008		0.475	0.010	T	0.55	0.01	L	7.8386	0.0012	0.012	128		7.82	7.86					1							S
40869	10.527	0.033	9.908	0.030		0.573	0.033	T	0.65	0.03	L	9.8943	0.0036	0.035	117		9.84	9.95					1							G
40870	9.165	0.017	7.501	0.009		1.391	0.015	T	1.36	0.02	L	7.4972	0.0011	0.009	69		7.48	7.52					1							S
40871	10.446	0.032	8.505	0.011		1.610	0.027	T	1.63	0.03	L	8.3821	0.0026	0.028	164		8.33	8.43		U 2			1 S							
40872	7.741	0.006	7.804	0.010		−0.083	0.010	G	−0.06	0.01	H	7.8045	0.0015	0.013	112		7.79	7.83					1							S
40873	9.227	0.013	8.647	0.012		0.544	0.013	T	0.62	0.01	L	8.7015	0.0017	0.019	150		8.67	8.74					1							
40874	9.358	0.019	8.994	0.020		0.345	0.026	T	0.40	0.04	L	9.0673	0.0019	0.020	82		9.03	9.10		C			1							
40875	6.360	0.003	5.929	0.003		0.421	0.003	T	0.49	0.00	L	5.9813	0.0006	0.007	200		5.97	5.99		C			1							S
40876	7.437	0.005	6.232	0.003		1.039	0.002	G	0.98	0.04	E	6.2908	0.0006	0.008	161		6.28	6.31			08205−2255	I 1	1							S
40877	10.720	0.032	9.131	0.013		1.332	0.027	T	1.30	0.03	L	9.1747	0.0018	0.025	220		9.14	9.22					1 S							
40878	6.850	0.004	6.535	0.004		0.300	0.007	G	0.34	0.01	H	6.5761	0.0010	0.011	89		6.56	6.60					1							S
40879	8.650	0.012	7.100	0.007		1.301	0.011	T	1.26	0.01	L	7.0892	0.0015	0.007	65		7.08	7.11					1							S
40880	9.212	0.019	7.303	0.009		1.585	0.017	T	1.60	0.02	L	7.2211	0.0013	0.010	65		7.21	7.24		C			1							S
40881	5.864	0.003	5.910	0.004		−0.039	0.004	T	−0.02	0.00	L	5.9153	0.0006	0.006	110		5.91	5.93		C			1							S
40882	9.466	0.014	8.514	0.011		0.825	0.014	T	0.85	0.01	L	8.5721	0.0021	0.019	140		8.54	8.61					1 S							S
40883	9.655	0.023	8.393	0.014		1.075	0.021	T	1.04	0.02	L	8.4551	0.0016	0.016	88		8.42	8.48		C			1							
40884	7.075	0.004	7.216	0.006		−0.121	0.006	T	−0.11	0.01	L	7.1913	0.0009	0.008	122		7.17	7.21		C			1							S
40885	9.268	0.020	8.155	0.014		0.959	0.019	T	0.95	0.01	L	8.2265	0.0020	0.014	76		8.20	8.25		C			1							
40886	11.002	0.046	9.821	0.027		0.990	0.015	G	0.97	0.01	I	9.9005	0.0026	0.025	134		9.85	9.95		C			1							G
40887	10.810	0.046	10.154	0.040		0.609	0.052	T	0.68	0.05	L	10.2245	0.0028	0.026	93		10.18	10.28		C			1							
40888	5.848	0.003	4.470	0.002		1.161	0.002	G	1.10	0.02	A	4.5099	0.0005	0.005	119		4.50	4.52		C	08206−7729	I 1	1							S
40889	8.012	0.007	6.164	0.003		1.537	0.006	T	1.59	0.01	L	6.1130	0.0010	0.012	171		6.09	6.13		U 2	08207+7225	I 1	1							S
40890	9.112	0.014	7.413	0.007		1.419	0.012	T	1.40	0.02	L	7.4120	0.0010	0.010	95		7.39	7.43		D			1							S
40891	9.839	0.022	9.427	0.023		0.389	0.029	T	0.45	0.03	L	9.5093	0.0028	0.022	123		9.48	9.55					1							
40892	13.588	0.649	10.227	0.051		2.100	0.495	G	2.09	0.51	J	9.9972	0.0174	0.125	65		9.83	10.15		U 2			1							G P
40893	7.900	0.010	7.445	0.012		0.440	0.015	G	0.51	0.02	H	7.5166	0.0012	0.008	59		7.50	7.53					1							S
40894	9.186	0.014	8.403	0.011		0.695	0.014	T	0.75	0.01	L	8.4670	0.0016	0.011	108		8.45	8.48		C			1							
40895	10.993	0.045	9.499	0.020		1.257	0.039	T	1.22	0.04	L	9.5199	0.0019	0.027	178		9.46	9.56					1							G
40896	7.898	0.008	7.586	0.010		0.296	0.012	T	0.34	0.02	L	7.6507	0.0015	0.012	83		7.63	7.67		C			1							S
40897	10.067	0.014	9.335	0.012		0.657	0.014	T	0.72	0.01	L	9.3842	0.0019	0.025	219		9.34	9.43		C	08208−2738	I 1	1 S							
40898	9.505	0.018	8.961	0.017		0.510	0.022	T	0.58	0.02	L	9.0258	0.0019	0.015	94		8.99	9.05		C			1							
40899	9.733	0.019	8.696	0.013		0.902	0.017	T	0.90	0.01	L	8.7651	0.0015	0.015	122		8.73	8.80		D			1							
40900	8.839	0.013	8.536	0.014	*	0.288	0.018	T	0.33	0.02	L *	8.5442	0.0021	0.014	120	*	8.52	8.58		D	08208−2508	I 1	2 C A	AB	335	0.443	0.004	0.85	0.02	

Number HIP	Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag		Position: epoch J1991.25 α (ICRS) deg	δ deg	Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ	Standard Errors α* mas	δ	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ	Astrometric Correlations (%)	Soln F1 %	F2
1 2	3	4	5 6	7	8	9 10	11	12	13	14	15	16	17	18	19 20 21 22 23 24 25 26 27 28	29	30
*40901	08 20 47.95	+35 46 43.9	7.15	H	125.199 798 07	+35.778 860 73	8.70	−48.34	−20.63	0.82	0.45	0.86	0.97	0.61	+ 0 + 3 −14 −38 −17 + 9 − 9 − 3 − 3 −26	0	−1.23
*40902	08 20 48.00	+67 31 37.0	7.03	2 H	125.199 999 94	+67.526 953 46	2.34	−8.28	−15.06	0.32	0.49	0.72	0.36	0.60	+41 + 0 −11 −17 − 6 + 3 − 6 − 4 − 1 +44	0	0.19
*40903	08 20 48.08	+01 23 17.0	8.45	H	125.200 314 61	+01.388 064 15	8.55	5.06	−36.43	1.08	0.78	1.37	1.45	1.22	−19 +13 − 6 + 4 +32 − 2 +31 + 8 −26 −32	0	−0.59
*40904	08 20 49.15	+16 57 00.7	8.82	G	125.204 775 41	+16.950 186 11	3.23	1.68	−16.14	1.06	0.65	1.14	1.45	1.10	−16 +12 + 1 −13 − 2 −18 − 6 +26 −12 − 8	0	−0.44
*40905 H	08 20 49.41	+56 57 09.1	8.16	G	125.205 885 50	+56.952 527 58 *	8.18	−13.97	−31.95	2.40	2.65	1.45	1.33	0.96	+20 + 5 + 2 −54 − 8 + 3 −11 −43 − 1 +46	1	−0.91
*40906	08 20 50.32	−41 04 15.4	7.73	H	125.209 682 10	−41.070 943 98	9.21	1.28	−13.66	0.51	0.54	0.67	0.56	0.57	− 1 −13 +15 − 6 − 2 + 3 − 4 −14 + 2 −18	1	0.06
40907	08 20 52.76	−04 51 58.0	7.38	H	125.219 826 83	−04.866 117 46	6.20	−9.58	10.50	0.68	0.66	0.91	0.85	0.83	−30 +13 −21 + 6 −14 −30 −23 +52 −11 −24	0	0.82
40908	08 20 53.69	−62 23 36.5	7.92	H	125.223 708 20	−62.393 476 54	2.04	−3.18	8.65	0.63	0.63	0.66	0.79	0.61	+ 8 − 3 + 5 + 5 + 5 − 8 − 1 −38 +14 − 4	0	0.55
40909	08 20 54.53	−22 27 01.6	8.24	H	125.227 207 62	−22.450 442 39	7.34	−12.18	−7.65	0.62	0.61	0.94	0.70	0.75	−10 + 7 − 7 +16 +13 −11 + 7 − 7 + 7 −38	2	1.69
40910	08 20 55.38	+14 04 19.1	9.75	H	125.230 747 31	+14.071 969 10	42.66	−80.84	−261.95	1.56	0.89	1.66	1.65	1.14	−21 +24 −16 −36 + 3 −25 − 4 + 0 −19 −21	0	−0.36
40911	08 20 55.71	+08 44 33.7	10.65	H	125.232 139 52	+08.742 703 10	4.32	−3.55	−1.49	1.73	1.03	1.98	2.10	1.21	−11 +24 −22 −26 − 7 −40 −16 +11 + 2 −11	2	−1.41
40912	08 20 58.39	+02 28 31.9	9.17	H	125.243 292 94	+02.475 538 01	3.97	−18.24	−1.18	1.33	0.90	1.50	1.79	1.38	−19 +36 −28 −15 −19 + 7 −28 +30 −25 − 8	0	0.98
40913	08 21 00.06	+47 25 08.6	8.13	H	125.250 238 02	+47.419 049 51	2.36	1.02	9.03	1.14	0.67	1.16	1.51	1.06	+ 9 +41 − 2 − 5 − 7 −10 − 8 +11 + 2 +21	0	1.88
40914	08 21 00.12	−28 37 29.8	9.32	H	125.250 508 40	−28.624 943 16	10.74	66.43	−116.10	0.60	0.81	1.25	0.69	0.86	+11 − 6 −17 + 4 − 6 + 3 − 2 −29 + 7 +21	0	0.04
*40915	08 21 00.50	+23 14 24.3	10.51	H	125.252 073 11	+23.240 081 75	13.84	−91.67	−144.99	1.81	1.09	2.06	2.50	1.86	−16 +10 −21 −11 − 1 − 2 − 7 +29 −33 − 7	2	−0.21
*40916	08 21 00.48	−52 13 40.9	6.63	H	125.252 002 75	−52.228 016 76	13.55	−21.54	19.64	0.44	0.44	0.49	0.51	0.44	+18 +11 + 8 − 8 −11 − 2 − 9 −13 + 7 +12	0	0.96
40917	08 21 02.76	+45 17 26.8	8.88	H	125.261 480 49	+45.290 791 19	4.68	2.33	−6.65	1.24	0.70	1.36	1.76	1.02	+ 1 +37 −12 +13 − 9 +10 −11 + 7 −12 +14	0	−0.07
40918	08 21 03.76	+65 26 33.6	8.03	1 G	125.265 677 12	+65.442 660 46	27.33	24.63	21.56	0.67	0.64	0.98	0.74	0.72	+ 3 +14 − 8 +26 − 9 + 8 − 3 + 3 + 6 +26	0	−0.18
40919	08 21 04.78	−04 24 46.9	8.68	H	125.269 937 42	−04.413 014 74	4.50	3.78	−19.35	0.84	0.79	1.17	1.08	0.95	−34 +17 −36 +10 + 8 −34 − 9 +39 −10 −14	2	0.88
40920	08 21 04.92	+22 01 54.3	8.14	H	125.270 497 53	+22.031 750 61	3.92	−10.76	−17.38	1.03	0.56	1.08	1.41	0.87	+12 + 6 −29 +23 +27 −34 +19 +40 −24 +29	0	0.46
40921	08 21 05.50	−46 59 57.6	8.36	H	125.272 915 28	−46.999 324 86	2.70	−6.56	8.86	0.62	0.55	0.70	0.75	0.63	+ 2 + 5 + 4 −15 + 4 − 2 + 5 −10 +16 −13	0	1.86
40922	08 21 06.37	+37 16 14.8	10.44	H	125.276 525 23	+37.270 784 75	3.18	35.04	−59.35	1.62	0.84	1.90	2.33	1.26	+ 4 +37 +11 + 8 − 3 − 8 −11 − 1 −23 − 8	6	−1.35
40923	08 21 06.44	−30 35 01.4	8.83	G	125.276 832 02	−30.583 716 48	3.42	−10.35	13.00	0.62	0.82	1.10	0.72	0.89	− 5 − 4 − 8 +11 − 2 +14 − 3 − 3 − 1 −19	4	0.22
40924	08 21 07.36	−34 53 38.7	7.88	H	125.280 663 28	−34.894 086 25	3.42	−11.98	9.61	0.48	0.60	0.75	0.51	0.61	+ 7 −11 + 8 +14 + 0 + 6 − 2 −15 −10 − 1	0	−0.01
40925 H	08 21 07.47	+47 24 47.0	8.52	G	125.281 112 17	+47.413 057 54 A	13.25	−9.47	−59.77	4.88	2.82	4.06	6.13	3.96	+ 5 +41 + 4 −21 − 9 − 9 −20 + 3 − 9 +32	0	1.90
40926	08 21 07.65	−64 06 21.4	6.11	H	125.281 868 89	−64.105 953 98	7.02	−7.58	−19.95	0.44	0.44	0.48	0.38	0.40	+10 + 6 +22 −35 −17 −12 −15 −31 + 3 −14	1	0.77
40927 H	08 21 08.26	+47 24 09.1	9.74	H	125.284 406 43	+47.402 531 13 C	13.41	−19.37	−66.95	5.69	2.64	4.26	6.60	4.04	−12 +34 + 3 −18 −12 −12 −20 + 4 − 7 +24	0	−0.72
40928	08 21 08.47	+40 20 54.2	9.02	G	125.285 272 02	+40.348 397 23	16.83	−167.27	−179.57	1.20	0.69	1.26	1.62	1.10	− 5 + 6 + 2 −17 −24 − 4 −17 +14 + 0 −39	0	2.29
40929	08 21 09.34	−52 35 14.7	7.02	H	125.288 922 14	−52.587 409 54	6.05	−21.84	−20.33	0.46	0.45	0.51	0.60	0.47	+14 + 5 + 8 + 8 − 6 + 2 − 4 −11 + 9 +16	1	0.40
40930	08 21 10.02	+54 59 39.2	8.81	H	125.291 743 78	+54.994 218 12	7.85	−29.40	10.91	0.90	0.74	1.18	1.18	1.06	−12 +17 − 1 −33 −15 + 4 −15 −16 −11 −27	0	0.17
40931	08 21 11.35	+35 19 47.7	8.01	2 H	125.297 281 90	+35.329 926 55	2.64	−2.30	−0.62	1.02	0.59	1.14	1.25	0.86	−10 − 3 −17 −39 −15 +17 − 5 + 7 −13 −35	0	−0.49
40932	08 21 12.10	−57 58 23.6	5.96	1 H	125.300 424 87	−57.973 230 49	1.37	−3.07	4.24	0.41	0.39	0.44	0.43	0.36	+ 8 + 0 +13 + 7 + 2 + 0 + 0 −12 + 9 − 1	0	−1.81
*40933	08 21 12.90	+04 22 39.3	8.23	H	125.303 740 62	+04.377 592 25 A	1.69	−3.18	0.36	1.52	1.07	1.58	2.02	1.36	− 2 +15 −40 + 1 +11 −16 − 1 +27 −10 +26	2	0.33
*40934	08 21 12.80	+24 44 44.8	10.05	H	125.303 316 48	+24.745 791 66	6.36	−6.02	8.89	1.55	0.90	1.80	2.00	1.68	−26 + 8 −15 + 3 − 2 − 8 + 2 +32 −20 −32	0	−0.83
*40935	08 21 12.85	−12 49 36.4	11.19	H	125.303 552 46	−12.826 781 50	−4.67	−7.96	7.23	2.38	1.91	3.01	2.58	2.34	−25 +38 −28 −10 −21 − 9 −23 +38 − 7 −26	0	0.48
40936	08 21 13.63	+38 52 42.4	8.10	H	125.306 802 21	+38.878 440 76	3.41	−25.33	−10.24	1.04	0.59	1.09	1.33	0.93	−10 +33 −12 + 9 −23 − 6 −24 +24 + 0 −15	0	0.32
40937	08 21 15.58	−08 03 28.3	7.28	H	125.314 921 60	−08.057 868 94	3.67	−5.44	3.22	0.73	0.57	0.92	0.97	0.72	− 5 +16 −33 + 1 + 5 −20 − 6 +33 −11 +12	0	0.85
40938	08 21 16.07	+01 03 50.9	7.24	H	125.316 970 09	+01.064 148 45	14.11	21.41	−153.76	0.85	0.63	1.09	1.14	0.91	−33 +15 −21 − 6 +37 −12 +35 + 4 −20 −35	2	−0.36
40939	08 21 17.92	+40 11 06.6	9.00	H	125.324 665 79	+40.185 158 69	4.02	17.14	−11.66	1.12	0.67	1.23	1.51	1.02	− 6 +18 − 3 − 7 −17 − 1 −15 + 9 − 5 −32	2	−0.29
40940	08 21 18.80	−14 58 33.1	6.81	H	125.328 324 04	−14.975 851 76	3.30	−2.54	−13.66	0.61	0.60	0.88	0.73	0.73	−17 +28 −31 +10 −10 − 3 −18 +38 −21 + 2	0	−0.44
40941 H	08 21 20.29	−01 36 07.1	6.52	G	125.334 540 06	−01.601 960 51 A	6.77	−10.60	−30.38	1.47	1.11	1.29	1.35	1.14	−52 +35 −21 +35 −24 +15 −23 +51 −17 −52	3	0.67
40942	08 21 20.82	+34 18 36.9	8.48	H	125.336 732 84	+34.310 236 21	23.12	−116.45	−109.92	0.97	0.62	1.17	1.60	0.94	−19 − 7 −21 + 9 − 2 −11 − 5 +18 − 1 −13	0	0.22
40943	08 21 21.05	−36 29 03.1	5.18	G	125.337 705 65	−36.484 193 65	2.00	−8.04	6.98	0.41	0.43	0.56	0.48	0.40	+ 3 + 0 +21 − 7 +17 + 7 +13 −22 + 0 + 3	0	0.53
40944	08 21 21.22	−20 04 44.4	5.58	G	125.338 435 02	−20.079 012 45	7.25	−2.58	−18.81	0.62	0.53	0.85	0.79	0.70	− 7 +27 −36 −18 −18 −21 −34 −15 −19 +27	5	0.16
40945	08 21 23.03	−33 03 15.7	4.83	G	125.345 976 45	−33.054 371 99	3.89	−11.31	2.38	0.38	0.44	0.60	0.47	0.46	+13 + 0 +14 + 8 +15 +22 + 9 −16 + 4 + 6	0	0.31
40946 H	08 21 23.06	+39 23 21.3	10.44	H	125.346 069 38	+39.389 236 71 *	−0.15	−8.01	−9.97	1.75	1.16	1.90	2.41	1.68	−23 +20 − 5 +15 −29 − 6 −26 +27 + 6 −39	0	−1.09
40947	08 21 24.18	−39 37 14.6	6.15	G	125.350 750 62	−39.620 729 62	14.89	7.33	6.47	0.40	0.42	0.53	0.42	0.45	− 2 +15 + 0 + 8 − 7 + 4 − 6 + 4 +11 −13	0	1.16
40948	08 21 25.53	−44 59 23.9	7.75	H	125.356 376 37	−44.989 964 96	2.51	−12.18	3.43	0.52	0.55	0.64	0.59	0.57	+19 + 7 +13 − 4 − 9 + 7 −11 −24 + 5 +10	0	0.72
40949	08 21 26.20	−80 42 27.1	8.91	H	125.359 183 09	−80.707 524 26	4.09	−23.10	29.55	0.71	0.65	0.75	0.85	0.74	− 9 +19 + 8 −14 − 2 −13 + 3 − 4 +11 −29	1	0.08
*40950	08 21 28.14	+21 54 33.9	7.31	H	125.367 252 08	+21.909 417 87	5.01	−1.56	−35.12	0.86	0.51	0.99	1.03	0.74	− 3 +13 −34 − 1 +12 −34 − 2 +36 −26 + 8	0	−1.67
*40951	08 21 27.45	−86 22 36.8	8.47	H	125.364 382 03	−86.376 898 69	11.82	−29.65	71.09	0.68	0.69	0.76	0.90	0.88	−11 + 9 +14 +16 + 5 + 1 + 5 − 8 − 7 −11	3	0.06
40952	08 21 28.29	−39 42 21.4	7.17	G	125.367 872 19	−39.705 957 75	34.77	−202.08	225.60	0.44	0.48	0.60	0.46	0.52	+ 2 +21 + 6 + 9 − 5 +10 − 5 − 7 +10 −12	0	0.68
40953	08 21 28.94	−05 30 38.0	9.42	H	125.370 576 41	−05.510 546 90	0.12	−5.16	10.00	1.16	1.12	1.68	1.42	1.36	−29 +18 −48 −21 + 6 −26 − 5 +45 −25 −26	0	0.96
*40954	08 21 29.38	−43 20 36.9	9.73	H	125.372 433 83	−43.343 582 93	4.23	−1.69	17.29	0.85	0.90	1.07	1.02	1.05	− 9 − 3 + 1 −18 +18 +21 +15 −34 +15 −16	0	−0.37
*40955	08 21 29.37	+03 38 40.3	8.39	H	125.372 372 65	+03.644 514 87	3.74	−30.57	0.77	1.05	0.64	1.17	1.29	0.87	− 3 +40 −22 − 1 + 8 −29 − 4 +36 −14 +13	0	−0.18
40956	08 21 29.88	+12 48 48.1	8.09	G	125.374 519 08	+12.813 356 06	3.43	0.41	−9.08	0.99	0.59	1.14	1.35	0.75	− 6 +12 −26 − 7 + 6 −39 − 9 +21 −13 +11	2	−0.20
40957	08 21 29.93	−48 54 02.6	8.59	H	125.374 694 40	−48.900 734 31	2.20	−8.57	4.99	0.60	0.59	0.70	0.70	0.57	− 6 − 6 +15 + 2 + 3 + 0 + 1 −11 +18 − 7	0	1.46
40958	08 21 30.35	−20 47 40.0	7.29	H	125.376 461 91	−20.794 455 62	3.09	−8.08	−2.49	0.68	0.60	0.92	0.84	0.70	−11 +24 −37 − 3 − 6 −11 −13 + 6 −15 − 6	0	0.77
40959	08 21 32.57	−08 11 30.4	7.78	H	125.385 691 53	−08.191 787 20	4.70	−8.02	3.07	0.81	0.68	1.05	0.99	0.83	− 9 +16 −31 − 3 − 7 −21 −18 +33 − 9 + 1	0	0.61
40960	08 21 33.84	+28 49 04.3	8.21	H	125.391 008 59	+28.817 862 22	4.24	−29.61	18.10	0.88	0.48	1.06	0.92	0.60	−35 +41 −13 −21 − 7 −22 − 5 − 9 +12 −62	0	0.02
40961	08 21 34.33	−02 49 52.6	9.57	G	125.393 033 52	−02.831 276 36	2.17	−2.09	−17.94	1.10	1.10	1.81	1.50	1.39	−16 + 1 −47 +30 +13 −48 − 9 +62 −34 − 6	0	−1.91
40962	08 21 34.93	−08 40 14.7	7.08	H	125.395 529 55	−08.670 749 92	6.20	−24.68	−5.10	0.84	0.58	0.97	1.12	0.77	− 9 +31 −23 +10 − 5 + 3 − 3 +24 + 7 + 8	0	−0.87
*40963	08 21 35.74	−01 59 18.1	9.61	H	125.398 910 50	−01.988 349 78	2.58	1.26	−13.30	1.40	1.31	1.79	1.87	1.62	−46 +31 −42 +21 −12 −11 −27 +62 −21 −27	0	−0.98
*40964	08 21 35.74	+69 01 49.6	8.25	H	125.398 900 21	+69.030 453 07	11.53	−41.89	−55.92	0.49	0.64	0.95	0.58	0.78	+34 +12 − 3 + 0 −10 +11 −10 + 5 + 2 +39	0	0.08
40965	08 21 36.30	−11 02 44.4	6.85	H	125.401 257 13	−11.045 672 81	7.71	−1.45	−3.60	0.69	0.56	0.90	0.71	0.66	−20 +34 −33 −33 −15 −21 −20 +10 − 3 −26	5	−1.10
40966 H	08 21 37.05	+33 56 12.5	7.16	H	125.404 391 08	+33.936 795 17 A	4.18	−8.79	−4.78	1.07	0.69	1.21	1.42	0.86	−31 +17 −18 + 2 − 4 −15 −11 +13 − 6 −16	2	−0.36
40967	08 21 37.61	−40 27 17.3	7.48	H	125.406 692 72	−40.454 814 67	2.31	2.67	−9.37	0.47	0.47	0.60	0.51	0.54	− 2 + 4 − 1 − 4 − 7 − 3 − 7 − 9 +15 −23	0	−2.92
40968 H	08 21 38.27	+36 15 29.6	9.88	H	125.409 467 12	+36.258 212 84 A	0.62	2.23	−2.02	2.55	1.29	2.29	2.74	1.69	− 1 − 9 − 7 −43 − 9 +27 + 2 − 7 −30 −35	2	−0.90
*40969	08 21 38.62	+76 21 54.3	8.10	H	125.410 901 58	+76.365 079 00	3.88	−11.14	−5.05	0.60	0.68	0.88	0.63	0.66	+16 − 1 −22 +12 + 8 − 1 +10 − 7 − 8 +25	1	1.41
*40970	08 21 38.58	−45 00 10.5	7.89	H	125.410 760 21	−45.002 921 34	3.56	14.43	13.62	0.57	0.58	0.70	0.65	0.61	+13 + 5 + 6 − 8 − 7 + 9 − 7 −22 +10 + 7	0	−2.67
40971 H	08 21 40.85	−41 11 42.1	8.39	G	125.420 192 18	−41.195 036 18 *	1.69	2.62	−4.23	1.32	1.28	0.93	0.76	0.84	−22 − 7 +14 − 8 − 2 − 5 − 1 − 7 + 7 −38	2	0.63
40972	08 21 41.32	+35 29 17.1	10.66	G	125.422 160 29	+35.488 073 81	15.15	−140.07	−237.67	1.92	1.06	2.04	2.34	1.65	−10 + 1 −15 −45 − 8 + 3 + 0 − 2 − 2 −35	4	0.62
40973	08 21 41.36	−44 13 38.3	9.03	H	125.422 339 78	−44.227 293 71	1.02	−1.99	6.35	0.77	0.74	0.94	0.94	0.79	+ 0 +20 + 3 +27 + 2 +29 + 5 −34 +17 + 6	0	−1.11
40974	08 21 41.56	−42 50 09.2	7.71	H	125.423 170 26	−42.835 896 35	3.29	−5.21	6.02	0.54	0.57	0.70	0.61	0.63	− 2 + 2 + 5 + 1 + 7 + 8 + 3 −23 +18 −14	0	0.07
40975	08 21 41.96	−38 12 00.4	8.25	1 H	125.424 853 41	−38.200 105 99	1.62	9.10	−25.29	0.52	0.62	0.74	0.57	0.68	+ 6 + 2 + 2 +10 + 1 + 3 − 2 −21 +10 − 4	0	−0.13
40976	08 21 42.53	+59 05 40.3	8.22	H	125.427 201 03	+59.094 535 68	5.66	−12.32	−26.23	0.67	0.60	0.93	0.86	0.63	− 6 +16 −17 −39 − 9 − 7 −11 −34 + 1 +25	0	0.19
40977	08 21 42.91	+17 17 07.0	9.25	3 H	125.428 786 97	+17.285 288 55	26.58	−78.35	−21.69	38.21	27.13	42.74	69.03	40.51	−15 − 9 +11 −44 +13 +48 + 7 −31 −19 − 5	8	
40978	08 21 43.18	−20 41 16.8	7.84	H	125.429 906 31	−20.688 007 60	5.77	−26.33	17.68	0.77	0.75	1.07	0.99	0.89	−16 +22 −38 +10 + 1 −17 −11 +27 −20 + 6	0	1.83
40979	08 21 44.28	+43 20 02.5	9.09	H	125.434 503 45	+43.334 016 21	3.81	−12.16	−9.08	1.20	0.70	1.33	1.76	1.01	+13 +18 −15 + 1 − 3 +17 + 1 + 8 + 7 +15	0	0.43
40980	08 21 46.38	−60 22 34.0	8.39	H	125.443 259 34	−60.376 122 17	5.37	−20.56	40.28	0.65	0.62	0.71	0.71	0.66	+ 1 − 9 + 0 + 1 − 6 − 2 − 7 −14 +22 − 1	0	−0.12
40981	08 21 46.53	−65 40 19.0	8.61	H	125.443 871 48	−65.671 942 95	1.42	−15.87	5.38	0.71	0.68	0.77	0.69	0.74	− 7 +12 +19 −21 − 5 − 4 − 3 −10 − 3 −35	0	0.15
40982	08 21 48.43	+14 19 09.3	7.87	G	125.451 800 13	+14.319 248 20	4.31	−63.50	18.09	1.07	0.60	1.12	1.18	0.83	−16 +23 −13 −36 + 1 −12 − 5 + 1 −26 −19	0	1.79
40983	08 21 49.85	+11 02 32.0	9.56	H	125.457 728 80	+11.042 232 99	3.63	3.49	−1.35	1.52	0.81	1.47	1.74	0.85	+14 +11 −20 −43 −31 −17 −29 − 6 + 0 + 3	0	2.78
40984	08 21 51.14	+22 57 10.7	8.22	H	125.463 101 57	+22.952 968 54	8.04	5.91	1.33	0.96	0.60	1.16	1.16	0.93	−23 +12 −29 −11 + 7 −14 + 0 +27 −33 −14	0	0.41
40985	08 21 51.82	−32 02 40.5	8.59	G	125.465 912 99	−32.044 587 06	1.22	−4.55	5.88	0.57	0.71	1.01	0.68	0.77	+14 − 6 −23 +13 − 4 +18 − 1 −21 +22 +18	1	−1.24
40986	08 21 53.27	+13 37 26.9	7.33	H	125.471 963 24	+13.624 141 04	6.17	−44.28	−15.86	0.93	0.59	1.10	1.09	0.80	−11 + 7 −31 −28 + 9 −39 − 5 +15 −28 − 1	4	0.83
40987	08 21 53.63	+10 03 52.5	7.70	H	125.473 464 03	+10.064 572 04	2.95	−119.21	−90.80	0.97	0.53	1.00	1.30	0.62	− 3 +23 −23 −22 −21 − 4 −20 + 5 + 4 + 7	0	0.88
40988	08 21 53.84	−77 51 17.6	8.93	2 H	125.474 329 95	−77.854 883 41	1.18	−4.50	1.43	0.71	0.67	0.77	0.74	0.78	− 4 +29 − 3 +20 −13 +19 −11 + 6 +10 −13	0	1.03
40989	08 21 53.94	+17 36 04.0	8.23	G	125.474 757 55	+17.601 103 63	7.39	−7.57	−19.42	1.02	0.54	1.08	1.44	0.91	+ 2 + 2 −12 −19 + 6 −16 + 0 +25 −30 +16	0	−0.43
40990	08 21 54.66	−17 35 10.7	5.71	H	125.477 760 27	−17.586 300 46	11.40	−92.42	−13.93	0.56	0.49	0.76	0.61	0.54	−11 +26 − 9 − 3 −27 −19 −24 +13 −12 + 2	2	1.26
40991 H	08 21 55.09	−67 20 05.7	7.52	G	125.479 533 06	−67.334 906 60 A	3.61	−35.71	40.28	2.45	2.13	0.90	1.10	0.86	− 6 +15 + 3 + 8 − 8 −10 − 3 + 4 +12 −28	0	−0.72
40992	08 21 55.89	+56 37 27.8	8.15	H	125.482 890 53	+56.624 391 67	3.92	−17.82	−44.89	0.79	0.66	1.03	0.91	0.68	− 6 +12 + 0 −26 + 4 + 5 + 7 −39 + 7 +32	0	−0.30
40993	08 21 56.99	−10 44 53.3	6.78	H	125.487 473 04	−10.748 134 18	11.47	9.34	6.53	0.72	0.57	0.84	0.84	0.77	−25 +23 −15 −35 − 9 −14 − 5 − 2 + 6 −44	0	0.55
40994	08 21 57.05	−47 00 03.6	9.50	H	125.487 710 98	−47.001 004 23	0.35	−3.14	7.58	0.90	0.85	1.05	1.14	0.90	− 1 +10 + 9 −16 + 8 − 5 + 8 −24 +17 −15	0	−0.07
40995	08 21 57.20	+14 46 05.4	7.28	H	125.488 320 74	+14.768 158 60	3.82	−23.03	−9.91	1.05	0.60	1.10	1.26	0.96	−20 +13 −16 −32 −12 + 4 −12 +23 −29 −32	0	1.14
40996	08 21 58.87	−15 51 49.6	8.82	H	125.495 277 55	−15.863 780 26	3.52	−0.33	−6.29	0.80	0.79	1.12	0.87	0.91	−21 +30 −32 −19 − 8 − 6 −14 +22 −10 −13	0	−0.89
40997	08 22 00.20	−13 46 06.1	7.61	H	125.500 850 78	−13.768 373 43	9.20	−58.60	13.18	0.71	0.63	0.96	0.79	0.76	−18 +35 −21 − 2 − 9 −10 −12 +13 − 3 −17	0	1.42
40998	08 22 00.39	−60 37 13.3	8.74	H	125.501 626 11	−60.620 369 45	5.60	−31.68	37.80	0.74	0.68	0.76	0.80	0.69	− 7 − 3 − 1 + 6 − 2 − 1 − 3 −28 +18 − 9	0	−0.90
40999	08 22 01.42	+23 05 49.7	8.73	H	125.505 924 95	+23.097 132 44	4.00	−15.25	−8.36	1.24	0.72	1.48	1.38	1.25	−18 +28 −27 −10 + 1 − 5 − 6 +29 −42 −25	0	−0.32
41000	08 22 03.13	−72 57 36.5	8.30	H	125.513 045 47	−72.960 146 36	2.91	−6.08	6.73	0.57	0.50	0.59	0.59	0.53	+ 1 +21 + 9 −19 − 3 + 0 − 1 −11 + 8 −11	1	−0.13

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
40901	7.358	0.005	7.168	0.006		0.182	0.007	T	0.20	0.01	L	7.2083	0.0009	0.009	110		7.20	7.22		C			1							S
40902	9.127	0.008	7.242	0.004		1.599	0.007	T	2.18	0.03	O	7.0934	0.0029	0.034	312		7.05	7.14		U 2 C			1							S
40903	9.082	0.018	8.507	0.016		0.546	0.015	G	0.62	0.01	H	8.5715	0.0014	0.013	68		8.55	8.60		C			1							
40904	10.168	0.033	8.964	0.020		1.050	0.015	G	1.02	0.01	H	8.9834	0.0019	0.013	70		8.96	9.00		C			1							
40905	8.592	0.009	8.198	0.009	*	0.387	0.003	G	0.45	0.00	H	* 8.2426	0.0010	0.012	162	*	8.22	8.27		D	08208+5657	H 1	2 C	A	AB	62	0.240	0.017	1.86	0.20	S
40906	8.018	0.007	7.751	0.007		0.254	0.009	T	0.29	0.01	L	7.7980	0.0009	0.011	124		7.78	7.82					1							S
40907	7.564	0.008	7.411	0.008		0.147	0.011	T	0.16	0.01	L	7.4328	0.0015	0.010	78		7.42	7.45		C			1							S
40908	7.886	0.008	7.919	0.009		−0.028	0.010	T	−0.01	0.01	L	7.9186	0.0019	0.018	99		7.89	7.95					1							S
40909	8.497	0.008	8.281	0.009		0.206	0.011	T	0.23	0.01	L	8.3021	0.0014	0.015	157		8.27	8.33		C	08209−2227	I 1	1							
40910	11.497	0.108	9.893	0.038		1.279	0.001	G	1.46	0.00	I	9.8624	0.0031	0.022	68		9.82	9.90					1							
40911	10.764	0.060	10.827	0.100		−0.053	0.106	T	−0.03	0.11	L	10.6365	0.0034	0.026	72		10.58	10.68		C			1							G
40912	9.433	0.023	9.215	0.026		0.208	0.033	T	0.23	0.04	L	9.2394	0.0022	0.014	52		9.21	9.27		C			1							
40913	9.691	0.024	8.246	0.013		1.240	0.015	G	1.20	0.01	H	8.2963	0.0014	0.011	67		8.28	8.31		C	08211+4725	I 3	1							S
40914	10.118	0.021	9.404	0.017		0.643	0.020	T	0.71	0.02	L	9.4527	0.0019	0.026	226		9.40	9.51		C			1	S						
40915	11.463	0.080	10.510	0.052		0.839	0.071	T	0.86	0.05	L	10.6648	0.0041	0.042	109		10.59	10.74					1	S						G
40916	6.805	0.004	6.644	0.005		0.147	0.006	T	0.16	0.01	L	6.6845	0.0006	0.007	134		6.67	6.70					1							S
40917	9.027	0.016	8.872	0.019		0.149	0.023	T	0.16	0.02	L	8.9385	0.0021	0.021	71		8.91	8.97					1							S
40918	8.923	0.011	8.081	0.009		0.731	0.001	G	0.78	0.00	H	8.1532	0.0015	0.021	136		8.12	8.18		U			1							S
40919	10.038	0.028	8.769	0.017		1.081	0.026	T	1.04	0.02	L	8.8523	0.0015	0.012	80		8.83	8.87					1							
40920	9.345	0.017	8.265	0.011		0.934	0.015	T	0.93	0.01	L	8.3018	0.0014	0.014	103		8.28	8.33					1							S
40921	8.305	0.009	8.358	0.011		−0.044	0.013	T	−0.02	0.01	L	8.3521	0.0014	0.012	121		8.33	8.37		C			1							
40922	11.047	0.060	10.500	0.059		0.512	0.075	T	0.58	0.08	L	10.5559	0.0027	0.021	85		10.52	10.59		C			1							G
40923	10.316	0.025	8.960	0.013		1.140	0.015	G	1.10	0.02	I	9.0031	0.0021	0.025	182		8.96	9.05					1							
40924	7.857	0.006	7.871	0.008		−0.011	0.009	T	0.01	0.01	L	7.8888	0.0011	0.014	161		7.87	7.91		C			1							S
40925	9.122	0.016	8.537	0.015	A	0.570	0.400	G	0.63	0.04	L	* 8.5931	0.0027	0.015	69	*	8.57	8.62		D	08211+4725	I 3	2 C	B	AB	251	1.713	0.143	3.31	0.16	S
40926	7.294	0.005	6.208	0.004		0.930	0.000	G	0.90	0.04	E	6.2706	0.0008	0.007	112		6.26	6.28		C			1							S
40927	10.668	0.052	9.845	0.038	*	0.820	0.042	G	0.84	0.03	R	* 9.8940	0.0038	0.030	67	*	9.85	9.94		D	08211+4725	I 3	2 C	A	CR	284	0.595	0.013	0.78	0.05	
40928	9.998	0.030	9.081	0.021		0.728	0.015	G	0.78	0.01	H	9.1726	0.0019	0.015	97		9.15	9.20		C			1							
40929	7.320	0.005	7.054	0.005		0.253	0.007	T	0.28	0.01	L	7.0953	0.0008	0.007	134		7.08	7.11		C			1							S
40930	9.374	0.018	8.834	0.017		0.506	0.022	T	0.58	0.02	L	8.9150	0.0012	0.014	88		8.88	8.94		D			1							
40931	10.160	0.025	8.242	0.010		1.626	0.022	T	2.45	0.05	O	8.0366	0.0066	0.048	107		7.97	8.11		U 2			1							P
40932	5.836	0.003	5.942	0.003		−0.092	0.004	T	−0.07	0.01	L	5.9363	0.0009	0.009	125		5.92	5.95		M			1							S
40933	8.288	0.011	8.223	0.013	A	0.065	0.016	T	0.07	0.02	L	8.2620	0.0069	0.021	74	A	8.23	8.30			08212+0423	I 1	2 C	A	AB	84	10.454	0.028	2.92	0.10	S
40934	10.615	0.045	10.081	0.043		0.501	0.056	T	0.57	0.06	L	10.1569	0.0036	0.027	89		10.12	10.21		C			1							G
40935						1.050	0.020	G	1.02	0.02	I	11.3321	0.0068	0.049	76		11.26	11.43					1							G
40936	9.423	0.017	8.203	0.011		1.043	0.016	T	1.01	0.01	L	8.2643	0.0016	0.010	94		8.25	8.28					1							
40937	8.939	0.015	7.413	0.008		1.282	0.013	T	1.24	0.01	L	7.4420	0.0019	0.010	76		7.43	7.46					1							S
40938	7.706	0.006	7.286	0.008		0.397	0.009	T	0.46	0.01	L	7.3323	0.0007	0.005	83		7.32	7.35					1							S
40939	9.593	0.023	9.058	0.022		0.502	0.029	T	0.57	0.03	L	9.1133	0.0023	0.018	101		9.09	9.15		C			1							
40940	8.526	0.012	6.947	0.006		1.324	0.011	T	1.29	0.01	L	6.9655	0.0010	0.007	78		6.95	6.98		C			1							S
40941	6.557	0.006	6.525	0.007	*	0.023	0.002	G	0.04	0.00	H	* 6.5225	0.0006	0.005	66	*	6.51	6.54		D	08213−0136	I 1	2 C	A	AB	286	0.524	0.003	0.54	0.01	S
40942	9.371	0.019	8.555	0.015		0.737	0.018	T	0.78	0.01	L	8.6217	0.0025	0.020	96		8.58	8.65					1							S
40943	4.934	0.002	5.151	0.002		−0.187	0.002	G	−0.20	0.00	H	5.1127	0.0006	0.006	160		5.10	5.12			08214−3629	I 1	1							S
40944	6.542	0.006	5.661	0.004		0.771	0.006	G	0.80	0.04	G	5.7236	0.0005	0.005	80		5.72	5.73		C			1 G							S
40945	6.721	0.004	4.985	0.002		1.419	0.080	G	1.35	0.02	A	4.9865	0.0006	0.006	149		4.98	5.00					1							S
40946	11.145	0.062	10.452	0.053	*	0.640	0.067	T	0.70	0.06	L	* 10.5754	0.0035	0.028	99	*	10.53	10.64			08214+3923	H 1	2 C S	B	AB	6	0.163	0.038	0.14	0.96	G
40947	6.365	0.003	6.176	0.003		0.172	0.005	G	0.19	0.02	A	6.2093	0.0006	0.007	151		6.20	6.22		C			1							S
40948	7.632	0.006	7.733	0.009		−0.087	0.009	T	−0.07	0.01	L	7.7288	0.0012	0.011	124		7.71	7.75		C	08214−4459	I 1	1							S
40949	9.018	0.012	8.931	0.015		0.078	0.017	T	0.09	0.02	L	8.9462	0.0023	0.018	115		8.92	8.99					1							
40950	8.676	0.012	7.420	0.007		1.071	0.011	T	1.04	0.01	L	7.4781	0.0009	0.009	102		7.46	7.50					1							S
40951	8.967	0.012	8.513	0.012		0.442	0.013	T	0.51	0.01	L	8.5731	0.0016	0.019	117		8.54	8.61					1							
40952	8.041	0.008	7.247	0.006		0.692	0.022	G	0.72	0.02	A	7.3094	0.0008	0.010	151		7.29	7.33		C			1							S
40953	11.193	0.090	9.623	0.037		1.317	0.077	T	1.28	0.09	L	9.5823	0.0031	0.023	67		9.54	9.62		C			1							
40954	10.489	0.030	9.759	0.025		0.670	0.031	T	0.73	0.03	L	9.8676	0.0023	0.025	113		9.83	9.91		C			1							G
40955	8.767	0.014	8.418	0.014		0.340	0.015	G	0.40	0.02	H	8.4699	0.0014	0.010	72		8.46	8.48					1							
40956	9.736	0.025	8.213	0.013		1.300	0.015	G	1.26	0.02	H	8.2433	0.0013	0.009	70		8.22	8.27					1							
40957	8.520	0.011	8.567	0.014		−0.046	0.015	G	−0.02	0.01	H	8.5791	0.0016	0.013	116		8.56	8.61		C			1							
40958	7.274	0.006	7.282	0.009		−0.011	0.002	G	0.01	0.00	H	7.2995	0.0013	0.012	86		7.28	7.32		C			1							S
40959	9.206	0.017	7.906	0.011		1.105	0.016	T	1.07	0.02	L	7.9430	0.0019	0.013	71		7.93	7.97		C			1							
40960	9.268	0.013	8.315	0.009		0.850	0.004	G	0.86	0.00	H	8.3700	0.0011	0.014	149		8.35	8.40		C			1							S
40961	10.057	0.031	9.632	0.033		0.460	0.020	G	0.53	0.02	H	9.6548	0.0023	0.019	72		9.61	9.69					1							
40962	7.217	0.007	7.085	0.009		0.127	0.011	T	0.14	0.01	L	7.1258	0.0011	0.007	60		7.11	7.14		C			1							S
40963	11.058	0.061	9.745	0.031		1.115	0.054	T	1.08	0.06	L	9.7721	0.0019	0.016	75		9.75	9.82		D			1							
40964	8.794	0.008	8.299	0.007		0.483	0.015	G	0.55	0.02	H	8.3531	0.0012	0.018	230		8.33	8.39					1							S
40965	7.186	0.005	6.879	0.005		0.292	0.007	T	0.33	0.01	L	6.9210	0.0009	0.009	115		6.90	6.94					1							S
40966	8.407	0.011	7.281	0.007	A	0.800	0.495	G	0.96	0.01	L	* 7.3207	0.0012	0.009	99	*	7.30	7.34		D	08216+3356	I 1	2 C	A	AB	136	1.559	0.022	3.22	0.11	S
40967	7.603	0.006	7.491	0.007		0.109	0.009	T	0.12	0.01	L	7.5244	0.0011	0.009	139		7.51	7.54					1							S
40968	10.549	0.040	9.994	0.036	A	0.400	0.495	G	0.29	0.07	B	* 9.9536	0.0030	0.024	97	*	9.92	10.00		R	08216+3616	I 1	2 C	A	AB	0	1.968	0.012	2.23	0.05	
40969	9.447	0.015	8.218	0.010		1.050	0.014	T	1.02	0.01	L	8.2694	0.0015	0.016	146		8.24	8.30					1							S
40970	9.243	0.013	8.006	0.008		1.060	0.015	G	1.03	0.01	H	8.0627	0.0013	0.013	130		8.04	8.08		C			1							
40971	8.424	0.009	8.376	0.011	*	0.041	0.015	G	0.06	0.01	H	* 8.3954	0.0014	0.017	132	*	8.37	8.42		D	08217−4112	H 1	2 C	A	AB	337	0.269	0.014	1.89	0.17	
40972	12.226	0.172	10.809	0.069		0.981	0.009	G	1.03	0.01	I	10.8594	0.0029	0.030	103		10.80	10.92		C			1							G
40973	9.076	0.013	9.039	0.016		0.039	0.019	T	0.05	0.01	L	9.0509	0.0017	0.015	113		9.03	9.08		C			1							
40974	7.717	0.006	7.711	0.007		0.006	0.008	T	0.03	0.01	L	7.7198	0.0010	0.011	116		7.70	7.74					1							S
40975	9.809	0.019	8.396	0.011		1.194	0.017	T	1.15	0.01	L	8.4117	0.0015	0.017	162		8.36	8.44		U			1							
40976	8.313	0.009	8.219	0.011		0.092	0.013	T	0.10	0.01	L	8.2593	0.0016	0.016	152		8.24	8.29		C			1							S
40977						2.080	0.510	G	2.52	0.56	K	9.2621	0.1521	0.948	32		8.17	10.76	277.80	P 1 B	08217+1717	I 1	1 X	S						G Y
40978	8.115	0.011	7.883	0.012		0.221	0.015	T	0.24	0.02	L	7.9059	0.0018	0.014	76		7.89	7.94		C			1							S
40979	9.265	0.028	9.130	0.035		0.175	0.015	G	0.19	0.02	H	9.1440	0.0025	0.016	82		9.11	9.17		C			1							
40980	8.914	0.013	8.442	0.012		0.457	0.014	T	0.53	0.01	L	8.4875	0.0016	0.015	117		8.46	8.51					1							
40981	10.203	0.025	8.768	0.014		1.211	0.022	T	1.17	0.02	L	8.7790	0.0015	0.015	114		8.75	8.81		C			1							
40982	9.219	0.017	7.989	0.011		1.050	0.016	T	1.02	0.01	L	8.0304	0.0012	0.011	65		8.01	8.05		C			1							
40983	9.785	0.029	9.550	0.034		0.224	0.042	T	0.25	0.05	L	9.6254	0.0027	0.020	59		9.60	9.66		C			1							
40984	8.570	0.011	8.259	0.011		0.315	0.015	G	0.36	0.02	H	8.2980	0.0012	0.014	88		8.27	8.32		C			1							S
40985	8.384	0.008	8.549	0.011		−0.148	0.003	G	−0.15	0.00	H	8.5449	0.0019	0.017	161		8.51	8.58					1							
40986	7.721	0.007	7.350	0.010		0.351	0.011	T	0.41	0.01	L	7.4104	0.0016	0.008	65		7.39	7.44					1							S
40987	8.755	0.017	7.805	0.012		0.837	0.015	T	0.86	0.01	L	7.8538	0.0012	0.008	72		7.84	7.87		C			1							S
40988	11.303	0.077	9.110	0.020		1.853	0.066	T	2.21	0.15	O	8.9908	0.0033	0.027	117		8.95	9.04		U 2			1							
40989	8.633	0.014	8.233	0.014		0.349	0.015	G	0.41	0.02	H	8.3071	0.0015	0.008	73		8.28	8.33					1							S
40990	7.066	0.004	5.831	0.004		1.050	0.001	G	1.10	0.04	E	5.8771	0.0007	0.006	91		5.87	5.89					1							S
40991	8.717	0.011	7.624	0.008	*	0.960	0.015	G	0.95	0.01	H	* 7.6765	0.0014	0.010	117	*	7.66	7.69		D	08219−6720	H 1	2 C	A	AB	272	0.317	0.017	2.67	0.16	S
40992	9.206	0.015	8.254	0.011		0.838	0.014	T	0.86	0.01	L	8.3056	0.0016	0.013	100		8.29	8.33		C			1							S
40993	7.244	0.006	6.828	0.006		0.393	0.008	T	0.46	0.01	L	6.8705	0.0008	0.008	107		6.86	6.88		C			1							S
40994	10.765	0.042	9.682	0.026		0.937	0.038	T	0.93	0.03	L	9.6611	0.0023	0.022	121		9.62	9.70		C			1							G
40995	8.916	0.015	7.406	0.008		1.280	0.035	G	1.23	0.06	F	7.4342	0.0014	0.009	72		7.42	7.45		C			1							S
40996	8.972	0.016	8.857	0.019		0.104	0.023	T	0.12	0.03	L	8.8605	0.0017	0.014	78		8.84	8.88		C			1	S						
40997	8.224	0.010	7.667	0.010		0.521	0.013	T	0.59	0.01	L	7.7259	0.0009	0.012	76		7.71	7.75		C	08220−1346	I 1	1							S
40998	9.201	0.016	8.803	0.016		0.389	0.019	T	0.45	0.02	L	8.8282	0.0020	0.018	104		8.80	8.86					1							
40999	10.007	0.028	8.851	0.018		0.993	0.026	T	0.97	0.02	L	8.8937	0.0023	0.019	84		8.87	8.92					1							
41000	8.316	0.009	8.303	0.012		0.013	0.013	T	0.03	0.01	L	8.3160	0.0011	0.013	118		8.30	8.35					1							

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
41001		08 22 03.69	−00 09 36.3	7.78		H	125.515 367 58	−00.160 074 10		6.13	−13.57	−4.29	0.87	0.66	1.12	1.25	0.93	−19	+12	−35	+3	+28	−16	+21	+19	−23	−9	0	1.04
41002		08 22 03.89	+19 57 33.4	7.21		H	125.516 206 09	+19.959 287 18		2.28	28.98	−41.26	0.93	0.49	0.91	1.43	0.82	+9	+18	−14	+8	+14	−16	+2	+39	−14	+36	0	−0.34
41003		08 22 04.52	−73 24 00.2	5.28		H	125.518 841 43	−73.400 058 93		9.16	−31.12	30.19	0.45	0.41	0.48	0.45	0.42	+3	+25	+5	−20	+2	−10	+8	−9	+19	−9	0	−1.78
41004		08 22 06.72	−28 37 26.2	7.14		H	125.528 018 49	−28.623 952 27		5.71	17.46	−2.74	0.36	0.46	0.76	0.42	0.49	+20	−2	−8	−4	−1	+7	+0	−23	+12	+26	0	−0.27
41005		08 22 08.09	−26 26 27.8	9.33		H	125.533 703 54	−26.441 053 13		9.98	−22.65	−42.29	0.83	0.84	1.12	0.86	0.90	−12	+2	−34	+42	−6	+9	−7	+16	−7	−27	0	0.41
41006	H	08 22 08.18	−40 59 29.6	6.96		G	125.534 102 65	−40.991 557 48	A	11.31	3.21	41.93	0.86	0.92	0.90	0.72	0.81	−11	−14	+7	+3	−9	−6	−11	−2	+1	−26	6	1.32
41007	H	08 22 08.39	−06 49 28.7	8.92		H	125.534 964 22	−06.824 647 25	A	2.08	−4.14	−1.33	1.58	1.45	1.92	1.74	1.70	−27	+12	−34	−9	−3	−28	−13	+42	−17	−21	1	−0.27
41008		08 22 08.52	−43 39 46.3	7.99		H	125.535 479 69	−43.662 862 75		0.80	−8.74	16.19	0.65	0.62	0.80	0.84	0.71	−4	+1	+5	−12	+12	+17	+9	−26	+20	−9	0	1.11
*41009	H	08 22 09.12	−23 24 47.1	8.87		H	125.538 001 16	−23.413 079 61	A	5.45	−11.56	16.24	1.83	1.65	1.71	1.43	1.49	−17	+17	+1	+18	+20	+7	+10	−8	+7	−47	1	0.12
*41010		08 22 09.10	−65 28 36.8	9.23		G	125.537 896 44	−65.476 882 86		10.58	−27.37	129.66	0.73	0.76	0.84	0.73	0.81	−8	−1	+23	−3	−10	−3	−11	−4	−2	−32	0	0.50
41011		08 22 09.50	+74 49 12.9	6.40		H	125.539 591 22	+74.820 253 81	A	7.00	48.34	45.30	0.69	0.74	0.87	0.82	0.80	+23	+21	−9	+5	+5	+6	+7	−14	+4	+21	1	0.23
41012		08 22 11.51	+02 09 05.2	6.79		H	125.547 965 00	+02.151 456 37		2.86	7.07	−18.98	0.88	0.57	1.01	1.09	0.76	−13	+36	−23	−19	−3	−12	−16	+24	−19	+10	0	1.17
41013		08 22 12.42	−47 46 57.9	7.58		G	125.551 752 18	−47.782 736 52		2.12	−13.80	13.93	0.56	0.49	0.62	0.65	0.52	+3	+5	+19	+5	+7	+7	+5	−4	+9	−5	1	1.04
41014		08 22 12.73	+25 55 25.4	8.62		H	125.553 046 73	+25.923 716 21		1.73	−8.83	−12.15	1.09	0.68	1.28	1.35	1.03	−29	+17	−27	−27	+17	−20	+8	+8	−27	−20	2	−0.03
41015		08 22 13.52	+15 27 39.5	9.03		H	125.556 326 35	+15.460 986 09		1.83	3.42	−0.64	1.21	0.68	1.34	1.40	0.94	−6	+1	−9	−22	−1	−21	−1	+3	−29	−11	0	0.70
41016		08 22 13.85	−62 19 24.2	10.72		G	125.557 703 53	−62.323 375 51		−1.55	2.72	11.71	1.29	1.57	1.44	1.70	2.35	+1	−0	+0	−18	+3	−11	+1	−52	+0	−3	4	0.59
41017		08 22 14.19	−65 31 27.7	8.25		G	125.559 123 30	−65.524 359 30		2.20	−5.49	7.29	0.53	0.54	0.59	0.50	0.57	−4	+5	+23	−2	−11	+2	−15	−7	−5	−30	0	0.66
41018		08 22 14.25	−13 37 19.9	8.88		H	125.559 358 03	−13.622 206 62		5.36	−6.12	−1.74	0.98	0.87	1.38	1.11	1.01	−17	+25	−35	−11	−19	+3	−16	+22	+4	−16	0	0.29
41019		08 22 14.63	+48 20 17.4	8.40		H	125.560 948 33	+48.338 172 16		5.99	−10.15	−26.27	1.08	0.73	1.21	1.93	1.20	+7	+6	−17	+16	−4	+9	−1	+14	+17	+34	0	0.02
41020		08 22 15.59	+05 57 45.0	9.24		H	125.564 945 22	+05.962 497 50		8.16	75.67	−39.20	1.45	0.88	1.63	1.64	1.21	−30	+45	−33	−15	−8	−6	−24	+40	−17	−3	0	−1.94
41021		08 22 15.68	−09 07 23.0	8.51		H	125.565 323 23	−09.123 055 27		3.00	−10.64	2.68	1.04	0.71	1.16	1.42	0.93	−4	+17	−29	+14	−7	+4	−6	+26	+11	+17	0	0.39
41022		08 22 16.13	+56 50 11.4	8.00		H	125.567 209 44	+56.836 496 03		16.34	−28.48	−16.34	0.75	0.59	0.98	0.88	0.62	−10	+5	−3	−53	+0	+14	−6	−45	+17	+38	3	−0.33
41024		08 22 16.83	−36 24 43.4	9.51		G	125.570 123 57	−36.412 045 43		1.74	−6.45	4.15	0.74	0.88	1.09	0.90	0.89	+10	+4	+10	−6	+1	+11	−2	−26	+0	+5	0	1.47
41025		08 22 21.28	−36 27 49.7	9.67		H	125.588 665 69	−36.463 815 04		1.52	−20.03	−4.87	0.84	1.06	1.24	0.98	1.06	+8	+2	+11	−10	−1	+6	−3	−35	−6	+4	0	1.14
41026	H	08 22 22.62	−55 13 18.1	9.12		H	125.594 238 03	−55.221 696 18	A	1.99	−12.85	16.18	1.55	1.58	1.57	1.69	1.43	−5	+2	+21	−16	+10	+27	+4	−14	+1	−7	3	0.71
41027		08 22 23.51	+10 39 42.4	7.72		H	125.597 955 06	+10.661 784 23		3.41	−0.20	2.60	1.12	0.57	1.08	1.41	0.67	+4	+22	−22	−39	−24	−7	−26	+5	−10	+8	2	1.25
41028		08 22 25.30	+14 59 32.1	8.46	2	H	125.605 405 32	+14.992 258 76	*	2.57	−11.95	−27.56	1.67	1.00	1.55	2.04	1.39	+29	−1	−22	−53	−28	+12	−25	−16	−3	+10	0	1.54
41029		08 22 25.98	+49 28 43.5	7.99		H	125.608 258 15	+49.478 752 15		1.23	−7.74	−11.67	1.05	0.63	1.20	1.76	1.09	+10	+13	−5	−10	−7	+33	−7	+4	+19	+32	2	−0.84
41030		08 22 26.32	−58 47 54.9	8.51		H	125.609 668 81	−58.798 576 40		2.90	−11.85	43.53	0.62	0.60	0.67	0.72	0.66	+4	+2	+3	−2	−1	+12	−1	+0	+4	−4	0	−0.39
41031		08 22 26.79	+60 03 01.2	10.10		H	125.611 614 68	+60.050 336 12		6.48	−68.07	−54.41	1.04	1.03	1.63	1.23	1.13	−1	+15	−8	−13	+2	−11	+1	−22	−5	+12	1	1.11
41032		08 22 27.18	+05 00 58.0	7.39		H	125.613 266 14	+05.016 109 27		1.86	−2.34	−13.44	0.99	0.81	1.10	1.29	1.06	−38	+31	−24	+11	−18	−12	−25	+52	+4	−19	0	−0.01
41033		08 22 27.46	−24 46 52.6	8.61		H	125.614 400 86	−24.781 282 07		−0.06	−3.05	−2.29	0.62	0.63	1.01	0.68	0.73	−5	+20	−22	+30	+9	−6	+2	+2	−3	−19	0	−0.39
*41034		08 22 28.07	−37 38 24.4	8.60		H	125.616 949 51	−37.640 116 28		3.54	17.40	38.23	0.58	0.68	0.81	0.60	0.69	+5	−1	+6	+2	+8	+17	+3	−33	+7	−5	2	0.15
*41035		08 22 28.06	−25 23 34.4	9.06		H	125.616 936 88	−25.392 895 16		−0.30	−3.04	1.05	0.84	0.80	1.16	0.90	0.84	−14	+4	−18	+36	+6	+2	+0	+1	−14	−29	0	0.90
41036		08 22 30.20	−06 10 45.0	6.14		H	125.625 829 52	−06.179 159 57		15.36	−59.21	0.80	0.78	0.59	0.97	0.97	0.79	−22	+34	−35	+25	−4	−3	−14	+55	−26	−10	0	−0.10
41037	H	08 22 30.86	−59 30 34.3	1.86	2	G	125.628 602 99	−59.509 538 29	A	5.16	−25.34	22.72	0.69	0.61	0.49	0.53	0.45	−8	−4	−6	+12	−17	+2	−20	−7	+15	−18	2	1.95
*41038		08 22 31.71	−01 55 34.2	9.66		H	125.632 121 31	−01.926 169 75		4.53	−1.57	−10.26	1.21	1.05	1.69	1.60	1.28	−36	+30	−42	+16	+15	−23	−4	+42	−27	−11	0	−0.04
*41039	H	08 22 31.70	−48 29 25.4	4.79		H	125.632 077 74	−48.490 397 42	A	2.16	−6.28	6.81	0.56	0.50	0.57	0.61	0.50	+1	+0	+11	+11	−2	−2	+0	−9	+9	+8	4	0.58
41040		08 22 31.90	+16 09 45.1	6.66		H	125.632 898 74	+16.162 532 39		2.47	−21.74	−16.49	0.80	0.49	0.94	0.95	0.68	−19	+23	−15	−21	+0	−32	−9	+16	−24	−15	2	0.00
41041		08 22 32.86	−33 55 24.3	8.36		H	125.636 928 88	−33.923 415 12		1.50	−17.78	12.27	0.54	0.65	0.87	0.64	0.69	+6	+7	+16	+22	+6	+30	−2	+0	−6	−15	0	−0.11
41042	H	08 22 32.97	−29 41 32.6	7.02		H	125.637 369 72	−29.692 388 04	A	4.95	−9.14	−6.47	0.96	1.06	0.85	0.54	0.59	−2	+2	−1	+11	+7	+16	+0	−15	−2	−8	1	0.30
41043		08 22 33.89	−00 32 11.6	7.88		H	125.641 190 39	−00.536 563 68		2.90	−10.46	1.71	1.00	0.67	1.22	1.29	1.01	−3	+9	−21	+33	+35	−9	+34	+30	−26	−7	2	0.11
41044	H	08 22 33.93	−28 58 35.2	7.81		G	125.641 370 46	−28.976 454 63	*	11.69	17.17	−127.17	0.38	0.51	0.79	0.44	0.52	+14	+1	−6	+11	+7	+11	+6	−16	+12	+11	1	0.65
41045		08 22 34.87	+45 21 04.7	8.00		G	125.645 309 03	+45.351 297 57		5.84	−40.33	−65.19	1.04	0.66	1.21	1.57	0.93	−12	+27	−15	+8	−6	+2	−7	−9	−11	−3	0	−2.23
41046		08 22 35.07	+32 50 54.8	9.16		H	125.646 123 72	+32.848 557 10		6.98	6.64	−32.89	1.05	0.71	1.28	1.25	0.87	−35	+16	−18	−10	−3	−21	−6	−6	+6	−50	2	−1.18
41047		08 22 35.26	+66 32 43.1	7.44		H	125.646 919 19	+66.545 313 99		3.67	25.09	−13.50	0.62	0.57	0.83	0.74	0.73	+3	+22	−1	+26	−5	+22	−1	−13	+1	+14	0	0.69
41048	H	08 22 36.04	−78 40 24.7	9.33		G	125.650 147 21	−78.673 539 35	A	9.93	−96.06	132.72	1.26	1.19	1.19	1.29	1.20	+7	+10	+9	+1	−10	−6	−10	+3	+9	−3	1	−0.84
41049		08 22 36.09	−37 48 18.1	8.99		G	125.650 364 09	−37.805 030 03	A	1.19	−6.57	2.05	0.96	1.19	1.23	0.94	1.07	+4	−1	+5	+12	+11	+20	+4	−29	+0	−6	1	−0.08
41050		08 22 36.18	+49 25 18.7	10.12		H	125.650 745 62	+49.421 848 46		2.15	−16.85	−32.45	1.56	1.00	1.83	2.62	1.71	+14	+15	−3	+4	+8	+28	+10	+7	+12	+28	0	−0.71
41051	H	08 22 36.21	−09 30 27.5	8.68		G	125.650 888 33	−09.507 627 45	A	−0.61	−5.34	0.12	2.55	2.16	1.61	1.90	1.38	+25	+23	−17	+22	+8	−11	+10	+14	+4	−1	0	−0.08
41052		08 22 36.36	−44 11 09.7	8.15		H	125.651 518 00	−44.186 021 94		2.80	−8.16	10.84	0.59	0.60	0.76	0.76	0.70	+2	+15	+10	+18	+6	+23	+6	−22	+16	+4	0	0.83
41053		08 22 36.77	−49 03 04.8	7.77		H	125.653 223 34	−49.051 322 56		3.80	−14.33	15.21	0.53	0.49	0.59	0.61	0.51	−3	+2	+13	−4	+1	+3	+1	−9	+17	−4	1	−1.52
41054		08 22 36.83	−58 33 04.8	8.59		H	125.653 451 31	−58.551 338 46		2.07	−18.25	27.86	0.65	0.64	0.71	0.81	0.74	+2	+12	−1	−7	+4	+4	+5	−1	+4	−4	3	−1.48
41055		08 22 37.74	−44 51 56.5	7.24		H	125.657 265 00	−44.865 702 07		11.01	−31.59	6.36	0.48	0.52	0.61	0.55	0.55	+17	+5	+14	−7	−9	+8	−11	−25	+6	+8	0	1.62
41056		08 22 38.97	+40 26 38.1	7.13		G	125.662 376 17	+40.443 925 05		4.87	−20.28	−40.31	0.79	0.47	0.86	1.03	0.67	−14	+18	−7	−12	−11	−1	−11	+3	−5	−28	0	−0.11
41057		08 22 40.77	−48 12 36.1	7.91		H	125.669 865 41	−48.210 017 16		2.14	−8.33	3.05	0.59	0.53	0.65	0.73	0.54	−1	−5	+25	+26	+4	+2	+4	−2	+8	+3	1	0.94
41058		08 22 42.85	+33 31 09.5	9.76	3	H	125.678 537 30	+33.519 308 92	*	9.97	−0.69	−5.59	1.70	0.91	4.33	1.93	1.43	−35	−56	+21	−24	−8	+16	+0	+4	−9	−53	0	2.31
41059		08 22 43.55	+25 44 14.5	8.48		H	125.681 460 17	+25.737 352 05		3.19	−5.49	−28.29	1.14	0.70	1.38	1.24	1.05	−35	+32	−34	−29	+17	−21	+1	+11	−35	−23	0	2.35
41060		08 22 44.06	+60 37 52.5	6.42		H	125.683 577 66	+60.631 241 11		7.34	9.13	−2.12	0.44	0.45	0.71	0.43	0.48	−11	+23	−8	+39	+19	+1	+27	−21	+5	+2	1	2.11
*41061	H	08 22 44.16	−15 54 59.4	8.79	2	H	125.684 006 64	−15.916 501 36	*	2.83	−2.30	4.46	0.84	0.81	1.14	1.00	0.98	−13	+18	−18	−16	−15	−1	−15	+11	−9	−18	0	1.64
*41062		08 22 44.16	+01 01 44.0	9.00		H	125.683 987 68	+01.028 889 24		3.68	−14.40	−7.51	1.12	0.83	1.63	1.51	1.33	−30	+19	−25	+13	+19	+12	+19	+27	−36	−40	0	0.94
41063		08 22 45.33	−38 53 38.7	8.98		H	125.688 895 71	−38.894 080 10		0.33	−4.23	4.05	0.56	0.63	0.75	0.60	0.60	+1	+6	+6	+14	+1	−5	−1	−21	+5	−7	1	0.02
41064		08 22 45.73	+09 27 45.8	8.37		G	125.690 550 03	+09.462 731 13		9.42	−35.22	−27.97	1.14	0.60	1.22	1.31	0.76	−2	+24	−17	−24	−7	−25	−15	+19	−12	+5	0	−0.14
41065		08 22 45.74	−31 36 27.2	7.23		G	125.690 580 70	−31.607 553 29		1.25	−6.05	4.24	0.40	0.49	0.68	0.48	0.52	+15	+1	+0	+12	+0	+10	−1	−19	+11	+14	1	−1.12
41066	H	08 22 46.01	−57 53 19.1	7.89		H	125.691 697 09	−57.888 633 78	A	6.51	−10.59	17.64	0.78	0.78	0.78	0.78	0.81	−3	+12	+7	+21	−6	+4	−8	+17	+0	−21	2	−0.02
41067		08 22 46.87	−13 03 16.8	6.13		H	125.695 293 95	−13.054 678 64		7.93	−39.54	−47.09	0.67	0.51	0.85	0.75	0.61	+4	+35	−22	+1	−5	−17	−12	+24	−6	+14	0	−0.39
41068		08 22 47.46	−00 52 03.2	6.95		H	125.697 732 31	−00.867 564 07		6.17	−26.44	−9.40	0.84	0.64	1.09	1.14	0.87	−22	+23	−31	+14	+14	−4	+9	+28	−18	−6	0	0.34
41069		08 22 47.53	+52 37 37.8	9.78		H	125.698 028 20	+52.627 161 20		4.42	−20.48	−14.97	1.42	0.96	1.55	2.14	1.68	+16	+28	+1	+35	+17	+9	+25	+26	+23	+43	0	1.26
41070		08 22 48.17	−76 25 51.1	7.25		H	125.700 724 07	−76.430 868 61	A	3.61	−13.12	28.97	29.13	15.29	1.60	2.27	1.99	−9	+0	+14	+8	−16	−3	−15	+13	+5	−11	2	0.72
41071		08 22 48.25	+27 31 25.8	7.93		H	125.701 033 89	+27.523 833 68		3.73	−5.00	−20.81	0.82	0.53	0.93	0.99	0.76	−18	+22	−21	−12	+11	−27	+6	+12	−5	−16	0	1.72
41072		08 22 48.39	−16 44 48.5	9.35		H	125.701 617 63	−16.746 816 01		2.38	10.30	−6.95	1.00	1.02	1.36	1.23	1.12	−34	+30	−15	+17	−23	−13	−21	+1	+8	−40	0	1.73
41073		08 22 49.07	−06 41 41.0	7.64		H	125.704 457 32	−06.694 712 79		5.76	−20.54	−14.55	0.72	0.65	0.99	0.83	0.82	−27	+22	−40	−11	−5	−18	−17	+39	−27	−22	2	−1.01
41074		08 22 49.94	−26 20 53.6	5.88	1	H	125.708 081 74	−26.348 234 75		−0.06	−5.06	6.20	0.48	0.47	0.68	0.53	0.49	−7	+1	−27	+21	+5	+4	+3	+5	+4	−27	6	−1.18
41075		08 22 50.13	+43 11 18.1	4.25	1	G	125.708 875 44	+43.188 372 33		8.39	−25.62	−99.44	0.71	0.44	0.79	0.95	0.58	+1	+25	−17	+13	−5	+7	−5	+3	−4	−3	0	0.44
*41076		08 22 50.71	+24 05 08.4	12.09		H	125.711 272 56	+24.085 672 66		6.40	154.19	−98.71	4.43	2.71	4.78	6.19	5.31	−38	+19	−6	−12	−19	−12	−19	+43	−1	−44	2	1.57
*41077		08 22 50.69	−54 28 54.4	7.85		H	125.711 203 15	−54.481 777 11		5.23	−29.45	19.49	0.48	0.47	0.53	0.63	0.47	+6	+3	+18	+15	−2	−2	−1	−3	−3	+11	1	0.15
41078		08 22 51.45	−39 53 44.8	8.17		G	125.714 385 12	−39.895 779 55		12.86	−23.26	−42.48	0.50	0.56	0.67	0.50	0.58	−2	+11	−2	−1	−5	+5	−4	−16	+16	−11	0	−0.74
41079		08 22 53.87	−76 26 07.7	8.33		H	125.724 456 78	−76.435 473 90	B	3.39	−8.28	29.32	3.50	3.38	2.23	3.16	2.82	−4	+2	+10	+5	−11	−1	−11	+4	+3	−4	2	0.72
41080		08 22 54.10	−07 32 35.3	5.92	2	H	125.725 421 77	−07.543 135 79		3.92	−9.84	6.28	0.60	0.54	0.80	0.73	0.72	−25	+13	−26	−2	−6	−28	−13	+34	−10	−27	0	0.54
41081		08 22 55.18	−52 07 25.6	5.89		H	125.729 915 89	−52.123 777 02		13.68	−22.75	19.48	0.42	0.40	0.47	0.47	0.41	+15	+17	+6	−4	−12	−9	−7	−9	+15	+15	0	1.26
41082		08 22 55.37	+40 46 01.9	10.46		H	125.730 715 94	+40.767 184 81		4.99	−27.63	−21.10	1.82	1.02	1.91	2.16	1.39	−5	+16	−14	−30	−13	+3	−12	−2	−17	−21	0	−0.40
41083		08 22 56.54	+20 34 10.0	9.54		H	125.735 590 93	+20.569 439 72		4.08	6.42	−3.97	1.45	0.75	1.45	1.72	1.13	+0	+30	−19	−29	+1	−26	−10	+18	−17	+13	0	0.13
41084		08 22 56.70	−04 14 35.5	8.51		H	125.736 237 92	−04.243 199 64		7.59	−9.55	−18.74	0.81	0.77	1.18	0.99	0.93	−26	+14	−25	+10	−7	−41	−20	+54	−14	−19	0	−1.59
41085		08 22 57.17	−43 13 40.4	7.09	1	H	125.738 217 13	−43.227 890 14		2.23	−11.57	6.56	0.48	0.49	0.61	0.59	0.57	−12	+3	+6	−11	+10	+12	+8	−19	+24	−25	0	−0.17
41086		08 22 57.66	+31 35 07.8	8.11		H	125.740 263 75	+31.585 510 36		1.76	1.59	−2.37	0.87	0.48	1.05	0.93	0.61	−42	+44	−15	+8	−23	−15	−23	+14	+5	−59	0	0.47
41087		08 22 58.50	+50 57 14.3	9.17		G	125.743 752 27	+50.953 974 40		10.35	−26.67	12.50	1.21	0.80	1.24	1.56	1.18	+14	+25	−11	+25	+25	−11	+26	+20	−1	+28	0	0.61
41088		08 22 58.53	+07 37 49.7	9.17		H	125.743 872 93	+07.630 469 39	B	13.70	7.73	−8.46	10.82	7.42	6.12	7.59	5.88	−12	+14	−26	−28	+0	−27	−11	+20	−15	−9	0	0.13
41089		08 22 58.83	−31 26 27.2	8.99		H	125.745 108 25	−31.440 876 30	A	−2.38	−7.21	−1.73	2.80	4.33	4.09	3.31	3.82	+13	−6	−13	+5	−6	+17	−7	−23	+10	+1	17	1.80
41090		08 22 59.34	+07 37 51.4	9.20		H	125.747 253 86	+07.630 932 92	A	10.92	16.69	−15.77	6.09	4.18	5.15	6.48	5.18	−15	+9	−23	−31	−7	−23	−16	+20	−14	−14	0	0.13
41091		08 22 59.57	−57 08 02.0	8.43		G	125.748 214 29	−57.133 895 06		8.28	−67.75	110.50	0.59	0.56	0.63	0.56	0.59	−11	+1	+6	+3	−6	+7	−6	+15	−4	−20	0	−0.42
*41092		08 22 59.95	−31 26 18.4	9.41		H	125.749 775 26	−31.438 447 06	B	−5.13	−8.54	5.91	7.57	12.72	5.45	6.15	8.49	+19	−8	−18	+10	−6	+15	−8	−16	+11	+4	17	1.80
*41093	H	08 22 59.85	−71 02 09.5	8.81		G	125.749 371 39	−71.035 983 13	*	8.58	−38.04	59.93	0.72	0.67	0.75	0.87	0.75	+0	+18	+13	−17	−7	+11	−5	−3	−4	−20	0	0.61
41094		08 22 59.99	−22 10 31.2	10.79		H	125.749 962 03	−22.175 322 99		12.70	−133.96	11.15	1.24	1.24	2.01	1.35	1.46	−12	+13	−13	+32	+15	−12	+4	−2	+1	−40	1	1.37
41095		08 23 02.58	−27 00 54.4	8.16		H	125.760 731 13	−27.015 111 68		3.93	−0.90	−2.68	0.53	0.60	0.89	0.55	0.62	−2	−2	−12	+22	+2	−3	+0	+8	−6	−10	1	2.13
41096		08 23 03.03	+27 05 38.0	8.16		G	125.762 643 34	+27.093 896 10		0.42	−2.70	−13.86	1.08	0.63	1.16	1.32	1.02	−13	+35	−12	+9	+16	−8	+17	+14	−3	−7	0	0.99
41097		08 23 03.12	+61 12 20.1	9.48		H	125.762 979 91	+61.205 586 10		0.30	−8.52	−9.98	0.84	0.97	1.39	0.83	0.98	−28	+28	−29	+27	+17	−9	+29	−33	+20	−5	3	0.75
41098	H	08 23 03.71	+20 01 05.7	9.00		H	125.765 467 72	+20.018 251 65	A	6.55	−3.42	−14.74	4.58	2.95	1.78	2.33	1.78	−19	+13	−2	−10	−7	−24	−10	+18	+3	−33	1	−0.99
41099		08 23 03.75	−34 57 29.4	8.34		G	125.765 616 37	−34.958 161 70		12.77	−17.00	149.26	0.52	0.70	0.84	0.58	0.78	+2	−11	+7	+16	−1	+10	−3	−2	−6	−9	0	−1.32
41100		08 23 04.15	+00 21 52.5	9.02		H	125.767 274 48	+00.364 594 85		8.52	−2.71	−30.60	1.10	0.82	1.47	1.58	1.25	−19	+0	−32	+12	+42	−17	+39	+17	−34	−15	0	−0.69

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
41001	8.988	0.014	7.863	0.010		0.969	0.013	T	0.95	0.01	L	7.9420	0.0015	0.011	87		7.92	7.96					1							S
41002	8.989	0.014	7.365	0.007		1.360	0.012	T	1.33	0.01	L	7.3586	0.0009	0.008	87		7.34	7.37		C			1							S
41003	5.297	0.003	5.287	0.003		0.014	0.004	T	0.03	0.00	L	5.2946	0.0006	0.005	118		5.29	5.30		C	08221−7324	I 1	1							S
41004	8.439	0.007	7.252	0.005		1.017	0.007	T	0.99	0.01	L	7.3032	0.0008	0.012	247		7.29	7.33		C			1							S
41005	9.999	0.027	9.383	0.024		0.571	0.027	T	0.64	0.03	L	9.4569	0.0022	0.022	123		9.42	9.49					1							G
41006	7.200	0.013	6.720	0.013	*	0.468	0.015	G	0.54	0.02	H	*	7.0621	0.0009	0.009	130	*	7.05	7.08		D	08221−4100	I 1	2 C A	AB	263	1.494	0.002	0.44	0.01	S
41007	9.051	0.022	8.896	0.029	*	0.149	0.034	T	0.16	0.04	L	*	8.9713	0.0021	0.016	69	*	8.95	9.00		D	08221−0649	I 1	2 C A	AB	146	4.266	0.009	1.79	0.03	
41008	10.085	0.022	8.189	0.009		1.570	0.015	G	1.45	0.06	L		8.1204	0.0015	0.017	113		8.09	8.15					1							
41009	9.017	0.014	8.917	0.018	*	0.097	0.021	T	0.11	0.02	L	*	8.9097	0.0017	0.022	152	*	8.87	8.94		D	08222−2325	I 1	2 C A	AB	88	0.381	0.005	1.23	0.03	
41010	10.004	0.022	9.278	0.019		0.652	0.002	G	0.72	0.00	H		9.3561	0.0013	0.022	123		9.32	9.39					1							
41011	7.683	0.007	6.490	0.005	A	1.022	0.007	T	1.00	0.01	L		6.5692	0.0040	0.008	129	A	6.56	6.59			08222+7449	I 1	2 C C	AB	195	10.485	0.048	3.92	0.15	S
41012	8.710	0.015	6.947	0.008		1.469	0.013	T	1.48	0.02	L		6.9222	0.0016	0.009	54		6.91	6.94					1							S
41013	7.491	0.006	7.571	0.009		−0.066	0.008	G	−0.04	0.01	H		7.5600	0.0012	0.011	113		7.54	7.58					1							S
41014	9.850	0.022	8.735	0.014		0.961	0.020	T	0.95	0.02	L		8.7819	0.0028	0.015	80		8.76	8.81					1							
41015	9.190	0.020	9.016	0.024		0.167	0.029	T	0.18	0.03	L		9.0867	0.0030	0.017	69		9.06	9.11					1							
41016	11.878	0.128	10.773	0.081		1.380	0.020	G	1.35	0.02	H		10.8667	0.0041	0.034	94		10.81	10.92		C			1 G							G
41017	8.217	0.008	8.256	0.010		−0.028	0.001	G	−0.01	0.00	H		8.2451	0.0013	0.014	124		8.22	8.27					1							
41018	10.198	0.033	8.982	0.020		1.039	0.030	T	1.01	0.03	L		9.0455	0.0020	0.015	75		9.02	9.07		C			1							
41019	10.258	0.036	8.566	0.017		1.413	0.031	T	1.39	0.05	L		8.5423	0.0024	0.015	76		8.52	8.57					1							
41020	10.504	0.051	9.342	0.030		0.997	0.046	T	0.98	0.04	L		9.4001	0.0025	0.012	52		9.37	9.42		C			1							
41021	8.430	0.013	8.492	0.017		−0.050	0.007	G	−0.03	0.01	H		8.4966	0.0020	0.012	56		8.48	8.51					1							
41022	8.924	0.013	8.082	0.011		0.756	0.013	T	0.80	0.01	L		8.1500	0.0016	0.016	140		8.13	8.18					1							S
41024	9.487	0.027	9.481	0.037		−0.070	0.020	G	−0.05	0.02	H		9.4519	0.0027	0.024	153		9.41	9.50					1							G
41025	10.858	0.071	9.831	0.046		0.950	0.040	G	0.94	0.03	R		9.8321	0.0026	0.030	155		9.78	9.87					1							G
41026	9.514	0.028	8.831	0.022	*	0.631	0.030	T	0.70	0.03	L	*	9.2527	0.0021	0.023	124	*	9.22	9.30		D	08224−5513	I 1	2 C A	AB	74	2.396	0.008	1.26	0.04	
41027	8.941	0.019	7.835	0.013		0.954	0.018	T	0.94	0.01	L		7.8821	0.0011	0.007	61		7.87	7.89					1							S
41028	10.197	0.039	8.682	0.019		1.294	0.036	T	3.79	0.06	O		8.0438	0.0083	0.117	69		7.82	8.34		U 2			1 V							P
41029	9.356	0.019	8.104	0.012		1.068	0.018	T	1.03	0.01	L		8.1582	0.0020	0.013	82		8.14	8.18		C			1							
41030	9.860	0.020	8.639	0.012		1.043	0.018	T	1.01	0.01	L		8.6823	0.0016	0.016	125		8.65	8.71		C			1							
41031	10.615	0.037	10.170	0.039		0.420	0.049	T	0.49	0.05	L		10.1987	0.0037	0.037	132		10.12	10.25					1							
41032	9.280	0.022	7.527	0.011		1.461	0.019	T	1.47	0.03	L		7.5229	0.0016	0.011	58		7.50	7.54		C			1							S
41033	8.602	0.010	8.595	0.013		0.007	0.014	T	0.03	0.01	L		8.6209	0.0013	0.014	131		8.59	8.65		C			1							
41034	10.251	0.025	8.718	0.013		1.288	0.022	T	1.25	0.02	L		8.7603	0.0014	0.015	152		8.73	8.79					1							
41035	9.140	0.015	9.063	0.019		0.069	0.022	T	0.08	0.02	L		9.0922	0.0021	0.019	122		9.06	9.13					1							
41036	6.425	0.006	6.174	0.005		0.227	0.005	G	0.25	0.01	H		6.2127	0.0008	0.004	55		6.20	6.22					1							S
41037	3.496	0.003	2.080	0.003	*	1.196	0.003	T	1.16	0.00	L	*	1.9996	0.0033	0.021	79	*	1.96	2.04		U 2	08225−5931	H 1	2 C A	AB	132	0.463	0.005	1.96	0.02	S P
41038	10.136	0.031	9.708	0.032		0.404	0.041	T	0.47	0.04	L		9.7565	0.0032	0.023	79		9.71	9.78					1							
41039	4.608	0.003	4.795	0.004	*	−0.146	0.002	G	−0.12	0.02	A	*	4.7500	0.0005	0.005	116	*	4.74	4.76		D	08225−4829	I 1	2 C A	AB	139	0.759	0.002	0.96	0.01	S
41040	8.176	0.010	6.796	0.007		1.168	0.010	T	1.13	0.01	L		6.8315	0.0007	0.006	69		6.82	6.84					1							S
41041	8.396	0.008	8.341	0.010		0.050	0.011	T	0.06	0.01	L		8.3789	0.0014	0.015	160		8.35	8.40					1							
41042	7.455	0.004	7.064	0.004	*	0.370	0.006	T	0.43	0.01	L	*	7.1097	0.0007	0.010	238	*	7.09	7.13		D	08225−2942	I 1	2 C A	AB	281	0.340	0.003	1.55	0.02	S
41043	8.096	0.012	7.897	0.010		0.198	0.015	G	0.22	0.02	H		7.9466	0.0013	0.008	75		7.93	7.97					1							S
41044	8.348	0.007	7.858	0.006	*	0.480	0.015	G	0.55	0.02	H	*	7.9135	0.0009	0.013	256	*	7.89	7.94			08226−2859	H 1	2 C S B	AB	57	0.181	0.028	2.42	0.62	S
41045	9.439	0.021	8.137	0.013		1.090	0.015	G	1.05	0.02	H		8.1701	0.0020	0.012	75		8.15	8.19		C			1							
41046	9.661	0.018	9.199	0.018		0.435	0.023	T	0.50	0.02	L		9.2621	0.0023	0.021	117		9.23	9.30					1							
41047	8.949	0.012	7.574	0.007		1.164	0.011	T	1.13	0.01	L		7.6052	0.0014	0.013	108		7.59	7.62					1							S
41048	10.489	0.035	9.508	0.024	A	0.833	0.002	G	0.85	0.00	H	*	9.4707	0.0025	0.017	97	*	9.43	9.50		D	08226−7840	I 1	2 C A	AB	338	2.547	0.017	2.62	0.10	
41049	8.953	0.011	9.002	0.015	A	0.010	0.015	G	0.03	0.01	H		9.0480	0.0069	0.022	162	A	9.01	9.10		C	08226−3748	M 1	2 C A	AB	55	10.307	0.024	3.03	0.11	
41050	10.748	0.053	10.166	0.050		0.544	0.064	T	0.62	0.06	L		10.2385	0.0042	0.029	78		10.20	10.31		C			1							
41051	10.614	0.054	8.769	0.021	*	1.586	0.197	G	1.59	0.22	R	*	8.7154	0.0022	0.014	63	*	8.69	8.74		C	08226−0930	H 1	2 C B	AB	202	0.384	0.053	3.27	0.24	
41052	8.117	0.008	8.160	0.010		−0.036	0.011	T	−0.01	0.01	L		8.1443	0.0016	0.012	108		8.13	8.17					1							
41053	7.690	0.006	7.743	0.007		−0.060	0.015	G	−0.04	0.01	H		7.7546	0.0009	0.009	118		7.74	7.77		C			1							S
41054	10.799	0.042	8.791	0.014		1.664	0.035	T	1.69	0.04	L		8.6930	0.0020	0.019	128		8.65	8.72					1							
41055	7.635	0.007	7.271	0.007		0.351	0.015	G	0.41	0.02	H		7.3238	0.0007	0.007	132		7.31	7.34		D			1							S
41056	7.472	0.005	7.167	0.007		0.312	0.015	G	0.36	0.02	H		7.2036	0.0009	0.010	97		7.19	7.22		C			1							S
41057	7.832	0.010	7.880	0.010		−0.039	0.013	T	−0.02	0.01	L		7.9078	0.0013	0.013	108		7.89	7.93					1							
41058	12.637	0.312	9.807	0.039		2.450	0.510	G	2.45	0.52	J		9.7858	0.1282	0.858	101		8.67	10.75	409.50	P 1 B			1 V							G P
41059	9.842	0.023	8.587	0.014		1.070	0.021	T	1.03	0.02	L		8.6451	0.0021	0.015	82		8.63	8.67		C			1							
41060	7.648	0.005	6.523	0.004		0.969	0.005	T	0.95	0.00	L		6.5846	0.0006	0.008	163		6.57	6.60		C			1							S
41061	12.510	0.298	9.431	0.028	*	2.100	0.510	G	2.09	0.52	J	*	8.8604	0.0214	0.116	78	*	8.71	9.11	217.10	P 1 A	08227−1555	H 1	2 C S A	AB	193	0.192	0.013	0.75	0.31	
41062	10.066	0.024	9.075	0.018		0.867	0.022	T	0.88	0.02	L		9.1518	0.0023	0.016	96		9.12	9.18		C			1							
41063	8.909	0.012	8.960	0.016		−0.054	0.008	G	−0.03	0.01	H		8.9679	0.0017	0.022	148		8.94	9.00					1							
41064	8.937	0.014	8.382	0.013		0.496	0.015	G	0.57	0.02	H		8.4793	0.0017	0.015	71		8.45	8.50		C			1							
41065	7.083	0.004	7.209	0.006		−0.109	0.002	G	−0.09	0.00	H		7.2063	0.0009	0.010	173		7.19	7.23		C			1							S
41066	8.111	0.008	7.924	0.009	A	0.300	0.495	G	0.12	0.03	L	*	7.9304	0.0014	0.011	118	*	7.91	7.95		C	08228−5753	I 1	2 C A	AB	310	7.639	0.029	3.53	0.11	S
41067	7.397	0.006	6.222	0.005		0.997	0.003	G	0.90	0.04	E		6.2890	0.0009	0.006	76		6.28	6.30		C			1							S
41068	8.387	0.014	7.069	0.008		1.119	0.013	T	1.08	0.01	L		7.1231	0.0014	0.010	80		7.10	7.14					1							S
41069	10.181	0.043	9.655	0.041		0.494	0.054	T	0.57	0.06	L		9.8595	0.0026	0.021	53		9.83	9.91		C			1							
41070	7.233	0.006	7.205	0.007	A	0.026	0.008	T	0.04	0.01	L		7.2623	0.0569	0.015	115	A	7.22	7.29		D	08228−7626	I 2	1 C P A							S G
41071	9.101	0.015	8.042	0.011		0.918	0.014	T	0.92	0.01	L		8.0948	0.0011	0.009	86		8.08	8.12		C			1							S
41072	10.797	0.058	9.431	0.028		1.157	0.050	T	1.12	0.04	L		9.5237	0.0021	0.022	80		9.48	9.55		C			1							
41073	7.653	0.008	7.632	0.009		0.024	0.011	T	0.04	0.01	L		7.6506	0.0011	0.008	63		7.64	7.66		C			1							S
41074	6.342	0.003	5.927	0.003		0.379	0.008	G	0.50	0.03	C		5.9787	0.0009	0.009	126		5.97	6.00		M	08228−2621	I 1	1							S
41075	6.288	0.004	4.426	0.003		1.550	0.003	G	1.61	0.03	C		4.3650	0.0009	0.007	85		4.35	4.38		M			1							S
41076											T		12.2230	0.0111	0.065	70		12.07	12.33					1							D
41077	7.891	0.008	7.847	0.008		0.040	0.010	T	0.06	0.01	L		7.8699	0.0013	0.011	131		7.84	7.89					1							S
41078	8.670	0.009	8.207	0.009		0.450	0.015	G	0.52	0.02	H		8.2677	0.0012	0.013	148		8.25	8.29					1							
41079	8.398	0.012	8.258	0.014	B	0.127	0.017	T	0.14	0.02	L		8.3396	0.1189			B				D	08228−7626	I 2	1 C I A							S
41080	8.053	0.010	6.125	0.006		1.635	0.010	T	2.16	0.04	O		5.9817	0.0051	0.033	70		5.93	6.02		U 2			1 S							S
41081	5.915	0.003	5.896	0.003		0.018	0.004	T	0.04	0.00	L		5.9059	0.0006	0.005	130		5.90	5.91		C			1							S
41082	11.096	0.065	10.282	0.049		0.735	0.062	T	0.78	0.04	L		10.5844	0.0047	0.039	85		10.52	10.65					1							G
41083	10.600	0.045	9.640	0.030		0.844	0.040	T	0.86	0.03	L		9.6928	0.0022	0.020	91		9.67	9.73		C			1							
41084	8.854	0.015	8.532	0.016		0.306	0.021	T	0.35	0.03	L		8.5835	0.0017	0.017	81		8.56	8.62		C			1							S
41085	6.944	0.005	7.077	0.006		−0.114	0.007	T	−0.10	0.01	L		7.0591	0.0015	0.014	112		7.04	7.09		U 2			1							S
41086	9.327	0.014	8.203	0.010		0.968	0.013	T	0.95	0.01	L		8.2742	0.0011	0.011	140		8.25	8.29		C			1							S
41087	9.859	0.027	9.252	0.026		0.560	0.015	G	0.63	0.01	H		9.2872	0.0028	0.018	71		9.26	9.32		C			1							
41088	10.085	0.039	9.199	0.030	B	0.789	0.037	T	0.82	0.03	L		9.3214	0.0298	0.122	72	B	9.26	9.79		D	08230+0738	I 2	1 C P B							
41089	8.906	0.012	8.889	0.015	A	−0.030	0.015	G	−0.01	0.01	H		8.9899	0.0196	0.138	169	A	8.82	9.23		D	08230−3126	I 2	1 C P A							
41090	10.094	0.038	9.209	0.029	A	0.789	0.036	T	0.82	0.03	L		9.3445	0.0303			A				R	08230+0738	I 2	1 C I B							S
41091	8.901	0.011	8.463	0.011		0.413	0.014	T	0.48	0.01	L		8.5265	0.0014	0.014	109		8.50	8.55					1							
41092	9.223	0.014	9.296	0.020	B	−0.062	0.022	T	−0.04	0.02	L		9.3366	0.0232			B				D	08230−3126	I 2	1 C I A							
41093	9.401	0.018	8.872	0.017	*	0.480	0.015	G	0.55	0.02	H	*	8.9248	0.0017	0.015	97	*	8.90	8.95		C	08230−7102	H 1	2 C S C	AB	25	0.105	0.022	0.76	1.14	
41094	12.002	0.121	10.888	0.070		0.970	0.015	G	1.02	0.01	I		10.9321	0.0044	0.037	143		10.88	11.00		C			1							G
41095	8.223	0.008	8.165	0.010		0.052	0.011	T	0.06	0.01	L		8.1794	0.0013	0.015	135		8.15	8.21					1							
41096	9.924	0.028	8.292	0.014		1.400	0.020	G	1.38	0.02	H		8.3017	0.0017	0.011	70		8.28	8.32		C			1							
41097	9.531	0.016	9.435	0.020		0.094	0.024	T	0.11	0.03	L		9.5182	0.0024	0.024	140		9.46	9.56					1							
41098	9.565	0.020	9.072	0.020	*	0.464	0.025	T	0.53	0.03	L	*	9.1042	0.0013	0.013	80	*	9.08	9.12		D	08231+2001	I 1	2 C A	AB	322	0.332	0.006	0.06	0.05	
41099	8.873	0.011	8.388	0.011		0.475	0.015	G	0.55	0.02	H		8.4366	0.0013	0.018	163		8.41	8.47					1							
41100	9.552	0.021	9.089	0.021		0.436	0.027	T	0.50	0.03	L		9.1204	0.0017	0.012	80		9.10	9.14		C			1							

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α deg (ICRS) (8)	δ deg (9)	(10)	π mas (11)	μα* mas/yr (12)	μδ mas/yr (13)	α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	F1 % (29)	F2 (30)
41101		08 23 04.19	−12 03 28.8	8.60		H	125.767 473 88	−12.058 002 44		1.85	−13.25	0.50	0.86	0.77	1.07	0.95	0.91	−33	+31	−25	−6	−21	−15	−26	+37	−9	−33	0	0.78
41102		08 23 07.44	−25 03 38.0	9.97		H	125.780 987 17	−25.060 545 49		4.23	−6.14	−2.78	0.99	0.88	1.45	1.06	1.04	+4	+15	−10	+37	+14	−1	+3	+1	−13	−18	2	1.99
41103		08 23 08.24	−40 22 51.4	7.60		G	125.784 347 63	−40.380 957 86		0.65	−10.70	9.87	0.47	0.50	0.61	0.49	0.56	−3	+4	+1	+2	−7	−4	−8	+0	+12	−24	0	0.37
41104		08 23 12.83	+16 53 38.6	8.54		H	125.803 457 09	+16.894 043 35		2.47	−14.93	−12.42	1.01	0.56	1.05	1.09	0.77	−11	+19	−4	−41	−5	−18	−6	+2	−23	−20	0	1.10
41105		08 23 15.89	+54 36 00.3	7.76		H	125.816 205 42	+54.600 070 14		3.60	−37.97	−39.90	0.80	0.69	1.03	1.01	0.97	−22	+6	−18	−38	−24	+16	−25	+18	+4	−21	0	0.60
41106		08 23 16.21	+61 27 37.6	8.19		H	125.817 534 48	+61.460 444 84		3.88	−1.35	−1.14	0.61	0.64	0.95	0.61	0.67	−21	+15	−20	+24	+11	−13	+18	−29	+9	−3	0	0.16
41107		08 23 16.93	−38 17 09.8	6.28	2	H	125.820 558 29	−38.286 063 80		2.33	0.59	−6.17	0.40	0.42	0.55	0.43	0.42	+4	+5	+11	+9	+2	−2	+1	−15	+4	−5	0	0.05
41108		08 23 17.52	−51 44 29.6	9.34		H	125.822 998 28	−51.741 561 51		1.56	0.05	−13.95	0.86	0.80	0.94	0.97	0.92	−4	+4	−6	−13	−4	−8	−4	+1	−1	−5	1	0.60
41109		08 23 18.28	−18 56 59.9	8.10		H	125.826 181 46	−18.949 981 47		2.50	−6.64	1.95	0.78	0.72	1.07	0.92	0.70	+1	−16	−43	−14	−28	+9	−24	−9	+18	−17	0	−0.47
41110		08 23 18.91	+68 26 17.2	9.70		H																							
*41111		08 23 19.10	−36 17 13.3	11.05	2	H	125.829 569 92	−36.287 026 54		0.14	−2.27	5.29	1.23	1.39	1.86	1.55	1.52	+5	+8	+5	−2	+0	+16	−2	−13	−6	−3	0	−0.08
*41112		08 23 19.07	+15 16 18.7	8.14		H	125.829 449 38	+15.271 862 99		5.98	7.99	−15.65	1.07	0.57	1.05	1.69	0.83	−5	+14	−17	−35	−2	+9	−8	+5	+0	+15	2	1.16
41113		08 23 20.02	−44 57 56.4	7.73	2	H	125.833 398 54	−44.965 673 13		0.45	−4.77	4.85	0.49	0.51	0.61	0.57	0.54	+8	+3	+13	−3	−2	+5	−3	−16	+3	−1	0	−0.46
41114		08 23 20.39	+68 25 59.0	8.43		H	125.834 949 69	+68.433 047 15		−0.31	0.41	−13.69	0.56	0.75	1.16	0.63	0.94	+40	+1	−6	−5	−17	+9	−18	+6	+6	+41	2	0.84
41115		08 23 20.49	+19 48 52.4	9.03		H	125.835 394 47	+19.814 558 52		0.24	5.14	−6.38	1.37	0.72	1.36	1.67	1.05	+0	+26	−19	−39	−8	−34	−22	+19	−10	+10	0	−0.72
41116		08 23 20.83	−32 19 41.3	7.78		H	125.836 775 38	−32.328 152 39		5.11	−11.37	−11.27	0.48	0.60	0.82	0.58	0.58	+19	+12	+8	+11	+3	+10	+2	−21	+13	+17	0	−0.56
41117		08 23 21.87	+18 19 56.2	5.94		H	125.841 131 48	+18.332 280 08		8.26	−53.59	−33.05	0.84	0.54	0.97	1.11	0.68	−13	+31	−42	−29	+2	−24	−18	+4	−26	+20	0	0.91
41118		08 23 23.47	+86 22 43.2	8.34	2	H	125.847 805 01	+86.378 670 42		0.50	−9.76	−7.52	0.69	0.58	0.74	0.79	0.63	+18	+19	−9	−8	+0	−8	−3	+9	−4	+31	0	0.09
41119		08 23 25.34	−70 14 55.2	7.07		H	125.855 589 72	−70.248 672 56		1.34	−2.12	7.00	0.57	0.52	0.59	0.66	0.58	−3	+0	+13	−15	−10	+21	−12	−12	+1	−18	1	−0.12
41120		08 23 25.83	+18 08 11.3	7.66		H	125.857 640 21	+18.136 465 51		1.84	−0.12	−8.88	0.97	0.56	1.08	1.16	0.79	−11	+22	−27	−11	−4	−12	−15	+27	−31	−1	0	0.63
41121	H	08 23 26.45	−42 25 07.5	8.64	2	H	125.860 225 38	−42.418 746 62	A	1.13	4.26	−3.81	1.96	2.14	2.17	2.25	2.07	−4	+1	+5	−3	+0	+0	−6	−22	+9	−23	2	3.02
41122		08 23 27.99	−45 36 43.2	7.73		H	125.866 624 19	−45.612 002 81		6.73	−21.13	22.85	0.55	0.48	0.62	0.64	0.49	+8	+3	+7	+10	−2	−12	−2	−12	+9	−2	0	−0.49
41123		08 23 28.31	+45 02 17.1	10.10		H	125.867 964 28	+45.038 085 45		5.84	1.08	−12.12	2.09	1.26	2.30	3.19	1.92	−7	+24	−3	+25	−7	−6	−7	+13	+0	−7	0	0.32
41124		08 23 28.39	+30 10 34.1	8.63		H	125.868 288 71	+30.176 125 91		5.68	−6.88	−26.83	0.79	0.47	0.95	0.88	0.58	−40	+32	−15	−8	−19	−12	−15	+0	+13	−71	0	−0.74
41125		08 23 28.59	−36 23 15.4	10.95		H	125.869 129 45	−36.387 597 23		1.74	−3.54	2.10	1.20	1.36	1.74	1.48	1.49	+2	+1	+6	−4	+0	+10	−1	−11	−8	−5	1	−0.61
41126		08 23 28.95	−43 27 50.7	8.97		H	125.870 606 90	−43.464 093 71		4.03	4.16	−28.51	0.75	0.80	0.99	0.99	1.04	−11	−2	+12	−16	+13	+21	+8	−23	+20	−20	0	−2.20
41127		08 23 29.73	+45 01 38.0	10.07		H	125.873 856 53	+45.027 227 17		−1.88	−6.71	1.82	2.21	1.31	2.43	3.40	1.97	−10	+27	−6	+29	−7	−5	−8	+14	−4	−7	0	−1.94
41128		08 23 29.84	+85 41 32.0	7.40		H	125.874 318 51	+85.692 222 71		4.49	−35.45	−31.79	0.56	0.49	0.63	0.59	0.51	+11	+29	−9	−2	−5	+3	−5	+0	−1	+29	2	1.57
41129		08 23 30.16	+06 48 47.7	7.38		H	125.875 677 42	+06.813 237 19		1.76	1.68	−13.78	0.89	0.56	0.92	1.14	0.73	+1	+26	−27	−22	−10	−7	−18	+21	+2	+22	0	1.28
*41130		08 23 30.72	+21 50 59.8	9.52		G	125.878 017 48	+21.849 953 88		37.01	298.98	−243.86	1.52	0.75	1.65	1.82	1.26	−8	+12	−35	−42	+8	−23	−4	+25	−40	+2	0	0.78
*41131		08 23 30.72	−30 48 04.8	6.93		H	125.877 985 63	−30.801 334 76		1.74	−9.38	4.98	0.38	0.49	0.70	0.44	0.52	+10	−8	−3	+10	+0	+5	−2	−18	+14	+8	0	1.35
41132		08 23 31.16	+65 44 28.0	8.30		H	125.879 848 63	+65.741 101 08		2.38	−6.75	3.47	0.72	0.73	1.04	0.86	0.89	−6	+15	−13	+34	−13	+14	−8	−9	−1	+6	0	1.55
41133		08 23 31.36	+23 32 04.3	7.99		H	125.880 645 94	+23.534 539 24		6.28	−19.65	−24.78	0.99	0.67	1.15	1.21	1.02	−34	+18	−27	−16	+6	−22	+2	+17	−13	−36	2	−1.13
41134		08 23 31.90	−27 49 20.2	7.09		H	125.882 899 00	−27.822 269 26		30.89	−128.24	−34.55	0.35	0.45	0.78	0.40	0.48	+33	−8	−13	−41	−15	+21	−17	−38	+27	+55	1	0.12
41135		08 23 32.03	+50 40 57.6	8.88		H	125.883 463 13	+50.682 671 29		3.49	−3.17	−13.97	1.24	0.84	1.32	1.76	1.34	+17	+29	+2	+26	+7	−1	+14	+27	+26	+19	0	1.00
41136		08 23 33.24	+25 09 04.9	10.04		G	125.888 510 58	+25.151 360 39		18.99	−35.23	−222.04	1.65	0.97	1.92	2.01	1.53	−18	+16	−30	−13	+11	−17	+5	+21	−28	−12	0	−0.40
41137		08 23 36.86	+47 52 32.7	9.03		H	125.903 580 13	+47.875 759 45		6.17	13.15	1.21	1.37	0.83	1.41	1.99	1.29	+9	+31	−4	+2	−8	+4	−6	+12	+8	+24	2	0.62
41138		08 23 37.04	+52 59 28.4	8.41		H	125.904 340 77	+52.991 212 06		1.03	−0.79	4.37	1.05	0.75	1.19	1.48	1.24	+0	+21	+2	+31	−5	+5	+0	+19	+24	+13	0	−0.81
41139		08 23 37.59	−24 16 15.5	8.58		H	125.906 606 43	−24.270 976 93		1.27	−18.67	11.22	0.65	0.71	1.13	0.77	0.81	−8	+26	+3	+19	+7	+6	−1	−4	−12	−26	0	−1.22
41140		08 23 38.16	−74 09 58.2	8.03		H	125.909 007 96	−74.166 175 39		7.29	−30.86	30.50	0.58	0.53	0.63	0.60	0.59	+1	+26	+4	−15	+4	−11	+5	+2	+6	+0	0	−0.70
41141		08 23 38.33	+40 40 30.1	8.48		H	125.909 727 78	+40.675 026 38		3.33	−8.63	−5.86	1.09	0.62	1.18	1.31	0.86	−10	+17	−10	−22	−9	+5	−8	+0	−11	−23	0	0.27
41142		08 23 38.41	+02 10 47.3	9.31		G	125.910 041 26	+02.179 803 64		12.18	14.07	−172.25	1.34	0.88	1.54	1.59	1.15	+7	+39	−5	+29	+16	−3	+14	+46	−4	+7	0	0.98
41143		08 23 38.66	+46 47 39.2	8.81		H	125.911 085 66	+46.794 223 09		2.02	−17.61	9.55	1.15	0.72	1.19	1.46	0.95	+3	+41	−3	+24	−1	+2	−2	+13	−2	+1	0	1.98
41144		08 23 40.54	−63 43 56.4	8.65		H	125.918 922 16	−63.732 325 99		2.12	3.07	14.67	0.65	0.68	0.73	0.60	0.66	−7	+6	+16	−43	+0	−15	+2	−37	+7	−34	0	−0.39
41145		08 23 41.97	−30 23 31.6	7.32		H	125.924 890 20	−30.392 098 17		1.58	−11.80	11.79	0.37	0.49	0.69	0.41	0.51	+14	−7	−8	+13	+4	+8	+1	−15	+5	+5	0	−0.12
41146		08 23 42.17	−65 48 41.4	9.54		H	125.925 713 17	−65.811 489 21		5.15	−3.91	8.85	0.85	0.85	0.94	0.84	0.84	−9	+4	+26	−23	−3	−11	+1	−18	−3	−27	1	0.54
41147		08 23 42.42	−55 19 13.5	7.53		G	125.926 731 02	−55.320 404 24		12.68	−4.27	−46.78	0.52	0.46	0.54	0.59	0.47	+6	+4	+8	+5	+2	+11	+1	−3	+8	+1	0	−0.15
41148		08 23 45.69	+00 03 34.2	7.46		G	125.940 377 61	+00.059 493 15		4.59	−11.00	−21.26	0.82	0.60	1.04	1.15	0.95	−26	+9	−20	+3	+21	−3	+24	+19	−21	−35	0	−2.07
41149		08 23 45.86	+36 18 51.1	8.69	2	H	125.941 084 32	+36.314 202 16		2.67	−5.49	−44.15	1.10	0.65	1.26	1.36	1.04	−13	+6	−11	−30	−10	+4	−11	+11	−16	−20	2	−0.39
41150		08 23 47.47	+08 25 45.2	9.90		H	125.947 771 39	+08.429 217 72		1.90	−3.59	5.14	1.39	0.87	1.52	1.79	1.17	−7	+34	−10	−1	+4	−22	−4	+37	−6	+11	0	0.78
41151		08 23 47.75	−42 02 01.9	7.47		H	125.948 942 67	−42.033 857 55		2.35	−10.88	−3.10	0.46	0.51	0.63	0.51	0.58	+4	−3	+11	+4	−6	+12	−10	−9	+14	−5	0	0.51
41152		08 23 48.53	+53 13 11.8	5.52		H	125.952 204 83	+53.219 951 42		19.46	−27.58	−98.39	0.67	0.49	0.71	0.91	0.69	−3	+20	−19	+39	+8	−6	+10	+29	+10	+11	0	−1.50
41153		08 23 49.01	+57 25 01.6	7.56		G	125.954 227 39	+57.417 101 42		13.30	−76.52	38.96	0.62	0.50	0.87	0.79	0.53	−14	+24	−10	−54	−3	−4	−9	−46	+10	+43	0	−0.51
41154		08 23 49.38	−28 58 13.1	6.64		H	125.955 750 56	−28.970 307 25		4.70	−1.86	10.51	0.32	0.41	0.64	0.35	0.41	+23	+3	−2	+6	+10	+7	+9	−20	+7	+25	0	0.42
41155		08 23 49.59	−08 28 06.7	8.55		H	125.956 618 56	−08.468 527 23		3.99	−8.71	5.23	1.17	0.79	1.43	1.50	1.02	−2	+26	−21	+11	−11	+19	−8	+35	+14	+20	3	−1.23
41156		08 23 49.79	−78 43 03.3	8.76		H	125.957 460 46	−78.717 586 52		4.22	−4.17	−3.84	0.68	0.64	0.72	0.80	0.73	+6	+15	+3	+7	−12	+10	−12	+7	−1	−1	0	1.20
41157		08 23 50.22	−27 19 40.4	8.65		H	125.959 264 04	−27.327 887 79		4.94	−1.20	−5.94	0.52	0.71	1.21	0.56	0.70	+15	+5	−5	−23	+1	+11	+1	−21	+13	+28	3	−0.21
41158		08 23 51.53	+65 30 01.1	7.97		H	125.964 712 51	+65.500 302 97		3.10	−3.90	2.20	0.68	0.63	0.94	0.79	0.78	+2	+19	−11	+27	−2	+9	+2	+1	+1	+18	0	1.43
41159		08 23 52.05	+32 17 36.6	7.72		H	125.966 858 90	+32.293 513 81		3.83	−7.41	−9.54	0.80	0.49	0.97	1.01	0.63	−35	+19	−7	−8	−9	−8	−6	−2	+9	−51	2	1.58
41160		08 23 52.08	−52 32 56.0	8.70		H	125.967 015 58	−52.548 888 96		2.54	−4.00	15.89	0.68	0.69	0.78	0.85	0.70	+10	+14	+16	+2	−6	+2	−4	−12	+7	+8	0	−0.50
41161		08 23 54.12	−13 37 32.9	8.16		H	125.975 483 66	−13.625 803 23		8.45	17.74	−23.38	0.77	0.72	1.01	0.99	0.84	−14	+19	−31	+18	−19	−2	−22	+40	−6	−2	0	0.68
41162		08 23 54.50	−42 33 17.9	8.32		H	125.977 068 26	−42.554 977 33		1.63	−4.90	5.14	0.57	0.62	0.75	0.63	0.73	−2	+3	+12	+3	−1	+4	−4	−17	+15	−13	0	−0.54
41163	H	08 23 55.21	+10 37 55.6	6.11	1	G	125.980 035 81	+10.632 116 38	A	2.93	3.69	−22.13	1.48	0.83	1.34	1.82	0.91	−9	+34	−18	−41	−16	+3	−15	+4	+7	+0	6	0.38
41164		08 23 55.29	−41 39 22.8	8.53		H	125.980 384 41	−41.656 332 60		−0.18	−4.90	5.31	0.62	0.69	0.83	0.66	0.78	−3	−12	+10	−5	−6	+13	−10	−3	+12	−16	0	−0.49
41165		08 23 55.60	+38 27 45.0	9.05		H	125.981 653 12	+38.462 495 81		2.08	−0.77	−16.27	1.20	0.67	1.36	1.49	0.95	−1	+39	+10	+13	−16	−29	−16	+12	+3	−28	4	−0.16
41166		08 23 56.20	−01 29 52.7	6.91		H	125.984 150 44	−01.497 964 86		5.45	−14.27	−18.12	0.78	0.59	0.97	1.08	0.85	−17	+19	−27	+22	+20	−21	+11	+32	−21	−11	0	−0.73
41167		08 23 58.17	−07 15 51.3	8.23		G	125.992 363 47	−07.264 261 15		3.34	−17.23	0.50	0.77	0.76	1.03	0.95	0.96	−42	+25	−37	+13	−15	−17	−27	+50	−14	−30	0	0.43
41168		08 23 58.91	−32 53 48.8	7.16		H	125.995 443 36	−32.896 899 14		1.10	−5.43	4.49	0.42	0.49	0.66	0.51	0.48	+8	+14	+8	+7	+17	+8	+14	−12	+12	+3	0	1.23
*41169		08 24 00.13	−02 57 24.3	8.28		H	126.000 540 66	−02.956 756 73		2.93	−6.57	−1.46	0.83	0.71	1.16	1.00	0.94	−28	+17	−33	+13	−5	−32	−17	+52	−26	−23	0	−0.07
*41170		08 24 00.11	+68 55 28.2	7.10		H	126.000 474 38	+68.924 507 16		7.86	13.26	26.08	0.38	0.50	0.75	0.44	0.61	+28	+8	−8	+1	−14	+15	−14	+7	+9	+31	0	−0.93
41171	H	08 24 00.71	−15 47 49.6	8.57		H	126.002 939 58	−15.797 112 29	A	5.50	−28.49	−13.37	1.36	1.27	1.67	1.37	1.29	−22	+21	−25	−3	−13	+0	−17	+20	−19	−21	1	0.33
*41172		08 24 05.89	+31 18 03.7	7.36		H	126.024 540 70	+31.301 039 89		7.23	−18.34	−22.23	0.74	0.43	0.90	0.80	0.54	−34	+40	−10	−6	−21	−26	−17	+6	+17	−67	0	0.09
*41173		08 24 05.87	−34 58 04.2	7.82		H	126.024 468 84	−34.967 832 92		8.42	−10.26	−9.98	0.48	0.60	0.72	0.52	0.68	−1	−7	+0	+10	−5	+11	−7	−3	−2	−12	0	1.18
41174		08 24 08.44	−19 08 08.5	6.88		H	126.035 170 64	−19.135 683 31		5.04	−58.06	−69.98	0.71	0.62	0.96	0.91	0.65	+13	−12	−45	−16	−24	+10	−22	−12	+14	+11	0	−0.07
*41175		08 24 08.63	+50 10 22.8	8.74		H	126.035 978 47	+50.172 991 26		6.74	−33.10	−43.62	1.15	0.80	1.28	1.99	1.33	+25	+16	−6	+15	+7	+24	+12	+20	+32	+48	2	0.42
*41176		08 24 08.61	+44 44 32.0	8.55		H	126.035 865 09	+44.742 215 41		−0.93	−20.93	−14.73	1.24	0.73	1.42	1.58	1.03	−15	+39	−14	+24	−15	+16	−11	+21	+2	−9	5	1.23
41177		08 24 09.06	−35 30 32.4	7.41		H	126.037 765 59	−35.509 002 50		6.29	−1.68	−6.14	0.45	0.54	0.68	0.48	0.60	+3	−7	+6	+9	+0	+8	−1	−2	−5	−9	0	−1.14
41178		08 24 10.45	−11 26 20.8	9.44		G	126.043 535 77	−11.439 099 04		18.99	−146.65	158.97	1.10	1.01	1.38	1.39	1.47	−46	+13	−20	−24	−1	+0	+4	+12	−21	−64	2	2.06
41179		08 24 11.72	−05 40 45.3	7.34	1	H	126.048 851 04	−05.679 261 51		2.75	−1.97	−2.00	0.84	0.67	1.00	1.02	0.86	−15	+21	−10	−3	−16	−28	−15	+57	+6	−20	3	−0.32
41180		08 24 12.16	+62 18 01.1	7.68		H	126.050 669 97	+62.300 317 89		3.57	−0.82	9.98	0.58	0.56	0.86	0.58	0.61	−8	+10	−21	+18	+16	−12	+20	−22	−1	+6	0	−0.38
41181		08 24 13.27	+44 56 46.9	9.25		G	126.055 311 97	+44.946 353 13	B	16.85	−69.63	−174.46	13.91	7.83	6.98	8.63	6.24	−9	+39	−5	+10	−3	+5	−5	+4	−7	−14	2	0.73
41182		08 24 13.85	−60 38 58.1	8.99		H	126.057 714 85	−60.649 483 57		0.08	−8.30	16.12	0.81	0.79	0.85	0.85	0.90	+0	+5	−1	+6	−9	+8	−13	−26	+10	−11	0	−2.52
41183		08 24 14.25	+09 13 59.3	8.81		G	126.059 386 21	+09.233 145 07		1.73	3.51	3.30	1.17	0.75	1.28	1.24	1.00	−23	+40	−26	−21	−15	−20	−32	+45	−24	−7	4	1.47
41184		08 24 15.71	+44 57 00.5	7.71		G	126.065 450 92	+44.950 142 47	A	27.10	−66.67	−178.58	2.48	1.54	2.18	2.81	1.98	−13	+31	−15	+14	+3	+6	+1	−1	−5	−19	2	0.73
41185		08 24 15.92	+45 58 53.1	10.05		H	126.066 312 88	+45.981 403 92		10.68	11.37	−132.18	1.43	0.89	1.53	1.99	1.15	−5	+32	−12	+1	−1	−5	−4	−5	−8	−4	0	0.67
41186		08 24 17.12	−53 31 22.8	9.15		H	126.071 343 37	−53.523 010 43		2.75	−5.56	6.20	0.69	0.64	0.75	0.88	0.67	+9	+2	+11	+10	−4	−3	−3	−8	+15	+7	1	0.55
41187		08 24 17.40	+28 45 03.7	8.97		H	126.072 509 53	+28.751 018 58		9.45	−26.70	−24.67	1.07	0.63	1.26	1.36	0.97	−18	+22	−17	−14	+0	−35	−10	+28	−12	−10	0	1.52
41188		08 24 18.07	−22 22 42.5	8.27		G	126.075 280 64	−22.378 481 78		4.54	−29.46	16.41	0.66	0.63	1.06	0.69	0.73	−15	+11	−13	+26	+12	−9	+4	+0	−1	−41	2	1.52
41189		08 24 19.63	+13 30 22.1	8.65		G	126.081 810 71	+13.506 127 13		1.49	−23.34	−7.91	1.20	0.70	1.42	1.38	0.82	−14	+14	−18	−27	−8	−30	−14	+0	−20	−24	0	2.87
41190		08 24 19.70	−02 25 22.5	8.84		H	126.082 062 74	−02.422 926 17		8.84	−87.32	−58.93	1.01	0.91	1.57	1.30	1.10	−14	+6	−56	+20	+26	−36	+6	+49	−39	+2	0	0.66
41191		08 24 20.38	−80 54 53.0	5.67		H	126.084 925 09	−80.914 719 55		12.93	−151.92	213.07	0.55	0.44	0.56	0.66	0.55	−21	+34	−3	−23	+8	−24	+12	−16	+10	−28	0	−0.70
41192		08 24 20.89	−03 08 36.9	8.76		H	126.087 053 55	−03.143 576 88		1.11	−9.60	−4.97	0.93	0.85	1.31	1.12	1.10	−35	+21	−32	+2	−9	−31	−22	+48	−21	−29	2	0.61
41193		08 24 21.56	−45 53 41.9	8.34		G	126.089 827 48	−45.894 965 44		1.66	−16.15	18.66	0.65	0.58	0.75	0.76	0.58	−1	−10	+16	−1	+1	+0	+0	−8	+7	−9	0	−0.07
41194		08 24 21.87	+26 27 56.7	8.41		H	126.091 139 73	+26.465 758 88		0.78	−15.33	−11.60	0.90	0.58	1.03	1.06	0.86	−24	+18	−18	−18	+4	−22	+2	+18	−14	−29	0	−0.35
41195		08 24 22.26	+83 05 49.7	7.69		H	126.092 752 93	+83.097 147 50		14.26	−46.64	−67.67	0.49	0.49	0.60	0.59	0.60	+5	+13	−8	+19	+4	+11	+6	−2	+4	+11	1	−1.65
41196		08 24 22.50	−55 47 22.9	7.19		H	126.093 765 64	−55.789 683 66		2.46	4.48	15.00	0.54	0.44	0.54	0.64	0.46	−2	+3	+9	+0	+7	+7	+5	−10	+9	−7	0	0.46
41197		08 24 23.83	+14 06 57.6	9.41		H	126.099 311 34	+14.115 999 71		1.66	−5.74	−3.61	1.31	0.79	1.52	1.54	0.95	−6	−4	−20	−18	+0	−31	−4	−2	−13	−21	0	−0.82
41198	H	08 24 24.34	−41 31 25.8	7.81		H	126.101 402 87	−41.523 831 43	A	2.27	−6.35	10.53	0.99	1.18	0.92	0.77	0.92	+31	−7	+0	−4	−2	+15	−4	−6	+16	−3	1	−0.33
41199	H	08 24 26.39	+64 53 27.4	8.80		H	126.109 947 62	+64.890 938 38	*	5.37	−25.96	0.23	1.84	1.32	1.56	1.13	1.20	+13	+18	+7	+35	−1	−1	+4	+20	+4	+28	1	0.20
41200		08 24 27.78	+07 38 16.6	7.86		H	126.115 737 54	+07.637 931 48		3.17	40.70	−22.67	0.94	0.63	1.02	1.20	0.86	−11	+18	−19	−12	−10	−13	−19	+36	+0	+4	0	1.52

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55 56-7	58-61	62	63	64	65	66	67	68-70
41101	9.893	0.023	8.714	0.015		1.011	0.021	T	0.99	0.02	L	8.7705	0.0017	0.014	93		8.75	8.81		C		1							
41102	10.113	0.026	9.967	0.036		0.841	0.015	G	0.13	0.11	S	10.0110	0.0039	0.035	127		9.95	10.08		R		1							G
41103	7.481	0.006	7.590	0.007		−0.087	0.015	G	−0.07	0.02	H	7.5752	0.0016	0.012	133		7.56	7.60				1							S
41104	8.767	0.013	8.552	0.015		0.205	0.019	T	0.23	0.02	L	8.6085	0.0016	0.013	75		8.59	8.63		C		1							
41105	8.901	0.012	7.856	0.009		0.908	0.011	T	0.91	0.01	L	7.9202	0.0014	0.012	114		7.89	7.94		C		1							S
41106	9.174	0.014	8.286	0.011		0.795	0.043	G	0.84	0.04	H	8.3455	0.0025	0.021	131		8.31	8.38				1							S
41107	8.406	0.011	6.504	0.005		1.613	0.010	T	2.28	0.03	O	6.3374	0.0021	0.034	160		6.28	6.40		U 2		1 S							S
41108	10.789	0.056	9.490	0.030		1.104	0.050	T	1.07	0.05	L	9.5099	0.0027	0.021	106		9.48	9.54		C		1 S							
41109	8.053	0.009	8.090	0.012		−0.038	0.004	G	−0.02	0.00	H	8.0984	0.0012	0.009	85		8.08	8.12				1							
41110											T	9.8288	0.0553	0.678	250		8.80	10.80		D	08233+6826 I 2	S							G
41111	11.138	0.067	10.897	0.091		0.090	0.020	G	0.10	0.02	R	11.0901	0.0048	0.049	154		10.99	11.16		U		1							G
41112	8.327	0.014	8.129	0.015		0.189	0.019	T	0.21	0.02	L	8.2000	0.0010	0.008	65		8.19	8.21				1							S
41113	7.683	0.008	7.710	0.010		−0.020	0.012	T	0.00	0.01	L	7.7353	0.0035	0.053	126		7.63	7.77		U 2 C		1							S P
41114	10.100	0.015	8.575	0.008		1.200	0.495	G	1.26	0.02	L	8.5854	0.0018	0.027	267		8.54	8.62		D	08233+6826 I 2	1 S							
41115	11.152	0.066	9.204	0.021		1.616	0.055	T	1.64	0.06	L	9.1437	0.0027	0.022	76		9.10	9.19				1							
41116	7.995	0.006	7.784	0.008		0.202	0.009	T	0.22	0.01	L	7.8418	0.0014	0.015	164		7.82	7.86				1							S
41117	6.168	0.004	5.964	0.005		0.175	0.000	G	0.19	0.00	H	6.0015	0.0007	0.005	73		5.99	6.01		C		1 G							S
41118	10.415	0.028	8.566	0.011		1.570	0.025	T	2.47	0.05	O	8.3583	0.0038	0.048	126		8.27	8.42		U 2		1							
41119	8.950	0.016	7.226	0.008		1.438	0.014	T	1.43	0.02	L	7.2112	0.0013	0.010	106		7.20	7.23				1							S
41120	9.534	0.024	7.832	0.011		1.421	0.021	T	1.41	0.03	L	7.7994	0.0016	0.010	73		7.78	7.82				1							S
41121	9.571	0.058	8.586	0.042	*	0.890	0.015	G	0.90	0.01	H	*	8.8002	0.0081	0.063	117	*	8.72	8.92		U 2	08234−4225 I 1	2 C A	AB	197	1.315	0.010	0.90	0.04	
41122	7.804	0.007	7.732	0.007		0.065	0.009	T	0.07	0.01	L	7.7561	0.0012	0.011	124		7.74	7.79				1							S
41123	10.434	0.044	10.177	0.051		0.245	0.063	T	0.27	0.08	L	10.1721	0.0048	0.029	67		10.11	10.22				1							
41124	8.909	0.009	8.667	0.010		0.235	0.015	G	0.26	0.02	H	8.7032	0.0012	0.013	184		8.68	8.72		C		1							
41125	11.038	0.066	10.905	0.093		0.150	0.020	G	0.17	0.02	R	11.0049	0.0037	0.049	153		10.93	11.08				1							G
41126	10.280	0.025	9.091	0.016		1.018	0.023	T	0.99	0.02	L	9.1418	0.0019	0.015	103		9.12	9.17		C		1							
41127	10.650	0.049	10.043	0.044		0.566	0.058	T	0.64	0.05	L	10.1939	0.0042	0.032	68		10.12	10.24				1							
41128	8.550	0.009	7.495	0.007		0.915	0.009	T	0.91	0.01	L	7.5604	0.0008	0.010	136		7.54	7.58				1							S
41129	9.426	0.021	7.552	0.010		1.557	0.018	T	1.57	0.02	L	7.5010	0.0015	0.008	67		7.48	7.52				1							S
41130	11.093	0.066	9.608	0.029		1.178	0.001	G	1.30	0.00	I	9.6160	0.0031	0.017	74		9.59	9.64		C		1							
41131	8.493	0.010	7.070	0.005		1.201	0.009	T	1.16	0.01	L	7.0984	0.0008	0.010	189		7.08	7.12			08235−3048 I 1	1							S
41132	8.997	0.011	8.366	0.010		0.587	0.013	T	0.66	0.01	L	8.4270	0.0013	0.018	137		8.40	8.46				1							S
41133	8.234	0.011	8.021	0.012		0.200	0.015	G	0.22	0.02	H	8.0576	0.0014	0.009	76		8.04	8.08		C		1							S
41134	7.811	0.004	7.155	0.004		0.600	0.004	T	0.67	0.00	L	7.2189	0.0007	0.011	328		7.20	7.24				1							S
41135	10.097	0.031	8.958	0.021		0.979	0.029	T	0.96	0.02	L	9.0426	0.0023	0.019	71		9.01	9.08				1							
41136	11.120	0.072	9.959	0.038		0.960	0.020	G	1.01	0.02	I	10.1359	0.0033	0.025	73		10.10	10.18		C	08236+2509 I 1	1							G
41137	9.653	0.025	9.082	0.024		0.534	0.031	T	0.61	0.03	L	9.1433	0.0028	0.020	64		9.12	9.19		C		1							
41138	9.620	0.034	8.512	0.023		0.955	0.032	T	0.94	0.02	L	8.5754	0.0018	0.016	56		8.54	8.60		C		1							
41139	10.450	0.032	8.728	0.013		1.437	0.027	T	1.43	0.04	L	8.7204	0.0014	0.018	141		8.68	8.75		C		1							
41140	8.286	0.009	8.066	0.009		0.204	0.013	T	0.22	0.01	L	8.0999	0.0012	0.012	115		8.08	8.12		C		1							S
41141	9.926	0.025	8.609	0.014		1.118	0.022	T	1.08	0.02	L	8.6485	0.0018	0.016	92		8.63	8.67		C		1							
41142	10.224	0.029	9.454	0.024		0.694	0.003	G	0.75	0.00	H	9.4420	0.0020	0.017	80		9.42	9.49		D		1							
41143	10.103	0.029	8.913	0.018		1.019	0.027	T	0.99	0.02	L	8.9834	0.0018	0.017	83		8.95	9.02			08236+4648 I 1	1							S
41144	10.604	0.036	8.803	0.015		1.499	0.031	T	1.53	0.05	L	8.7745	0.0017	0.014	108		8.75	8.80				1							
41145	7.216	0.004	7.301	0.005		−0.073	0.006	T	−0.05	0.01	L	7.3015	0.0009	0.010	206		7.28	7.32				1							S
41146	9.883	0.024	9.592	0.028		0.277	0.035	T	0.31	0.04	L	9.6099	0.0025	0.025	113		9.57	9.65				1							
41147	7.936	0.007	7.546	0.007		0.398	0.001	G	0.46	0.00	H	7.6072	0.0009	0.010	131		7.59	7.63				1							S
41148	7.799	0.011	7.477	0.008		0.330	0.015	G	0.38	0.02	H	7.5281	0.0013	0.010	79		7.51	7.54		C		1							S
41149	10.246	0.030	8.820	0.016		1.204	0.027	T	1.16	0.03	L	8.8495	0.0082	0.075	101		8.76	8.96		U 2		1							
41150	10.191	0.039	10.004	0.049		0.179	0.059	T	0.20	0.07	L	9.9613	0.0027	0.021	67		9.94	10.00		C		1							G
41151	7.397	0.005	7.453	0.006		−0.057	0.005	G	−0.04	0.01	H	7.4531	0.0011	0.011	124		7.44	7.47		C		1							S
41152	5.668	0.003	5.530	0.004		0.125	0.005	T	0.14	0.01	L	5.5632	0.0006	0.005	64		5.56	5.58		C		1							S
41153	8.061	0.007	7.615	0.006		0.421	0.008	T	0.49	0.01	L	7.6616	0.0009	0.013	189		7.64	7.68			08238+5725 I 1	1							S
41154	6.655	0.002	6.635	0.003		0.016	0.009	G	0.02	0.02	A	6.6469	0.0006	0.009	258		6.63	6.66		C	08238−2858 I 1	1							S
41155	8.818	0.019	8.592	0.021		0.216	0.027	T	0.24	0.03	L	8.6177	0.0016	0.012	56		8.59	8.64		C		1							S
41156	10.168	0.026	8.895	0.015		1.084	0.023	T	1.05	0.02	L	8.9243	0.0014	0.013	108		8.90	8.95		C		1							
41157	9.961	0.019	8.768	0.012		1.022	0.018	T	1.00	0.01	L	8.8157	0.0015	0.020	231		8.78	8.85				1							
41158	9.362	0.014	8.080	0.009		1.091	0.013	T	1.05	0.01	L	8.1397	0.0017	0.018	133		8.11	8.17				1							S
41159	8.005	0.007	7.754	0.008		0.239	0.010	T	0.27	0.01	L	7.7924	0.0011	0.010	120		7.78	7.81		C		1							S
41160	10.590	0.035	8.910	0.015		1.404	0.030	T	1.38	0.04	L	8.8452	0.0016	0.016	129		8.82	8.87		C		1							
41161	8.654	0.013	8.207	0.013		0.448	0.015	G	0.52	0.02	H	8.2640	0.0013	0.012	84		8.24	8.29				1							
41162	8.263	0.009	8.308	0.011		−0.040	0.000	G	−0.02	0.00	H	8.3122	0.0013	0.012	116		8.29	8.34				1							
41163	8.108	0.015	6.307	0.006	A	1.507	0.004	G	2.17	0.05	O	*	6.2015	0.0020	0.015	59	*	6.18	6.23		U 2 C	08239+1038 I 1	2 C B	AB	263	1.156	0.027	3.25	0.11	S
41164	10.021	0.022	8.779	0.013		1.060	0.020	T	1.03	0.02	L	8.6949	0.0016	0.016	127		8.66	8.72				1							
41165	9.446	0.019	9.052	0.019		0.373	0.025	T	0.44	0.03	L	9.1341	0.0014	0.016	86		9.11	9.17		C		1							
41166	7.794	0.008	6.993	0.006		0.725	0.008	T	0.78	0.01	L	7.0519	0.0009	0.007	83		7.04	7.06		C		1							S
41167	8.176	0.010	8.237	0.013		−0.045	0.015	G	−0.02	0.01	H	8.2294	0.0013	0.009	69		8.21	8.25		C		1							
41168	6.967	0.005	7.121	0.006		−0.140	0.000	G	−0.13	0.00	H	7.1086	0.0009	0.010	157		7.09	7.13		C		1							S
41169	8.389	0.012	8.294	0.014		0.093	0.017	T	0.11	0.02	L	8.3185	0.0013	0.012	71		8.30	8.34				1							S
41170	7.634	0.005	7.147	0.005		0.458	0.006	T	0.53	0.01	L	7.2043	0.0008	0.011	223		7.19	7.23				1							S
41171	9.139	0.018	8.685	0.018	*	0.442	0.020	T	0.51	0.02	L	*	8.6665	0.0024	0.015	89	*	8.65	8.69		D	08240−1548 I 1	2 C A	AB	154	0.977	0.011	1.95	0.04	
41172	8.681	0.009	7.469	0.006		1.036	0.008	T	1.01	0.01	L	7.5308	0.0009	0.010	158		7.52	7.55				1							S
41173	8.100	0.007	7.845	0.008		0.243	0.010	T	0.27	0.01	L	7.8847	0.0013	0.012	159		7.86	7.91		C		1							S
41174	8.466	0.011	7.029	0.007		1.212	0.010	T	1.17	0.01	L	7.0449	0.0015	0.010	70		7.03	7.06		C		1							S
41175	9.398	0.021	8.826	0.019		0.535	0.025	T	0.61	0.03	L	8.8577	0.0021	0.020	74		8.80	8.88				1							
41176	9.662	0.025	8.642	0.017		0.878	0.024	T	0.92	0.02	L	8.6945	0.0023	0.014	66		8.67	8.72		C		1							
41177	7.526	0.005	7.430	0.006		0.087	0.007	T	0.10	0.01	L	7.4483	0.0013	0.012	157		7.42	7.47			08241−3531 I 1	1							S
41178	10.381	0.037	9.468	0.027		0.816	0.001	G	0.86	0.00	H	9.5629	0.0028	0.019	83		9.53	9.59		C		1							
41179	9.339	0.019	7.532	0.009		1.504	0.017	T	1.53	0.03	L	7.4606	0.0022	0.016	76		7.43	7.48		M		1							S
41180	7.643	0.007	7.685	0.009		−0.034	0.010	T	−0.01	0.01	L	7.6811	0.0011	0.015	117		7.66	7.71				1							S
41181	10.355	0.045	9.270	0.030	B	0.937	0.023	G	0.98	0.03	I	9.3223	0.0308			B				D	08243+4457 I 2	1 C I D							D
41182	10.285	0.029	9.134	0.019		0.989	0.027	T	0.97	0.02	L	9.1598	0.0024	0.020	104		9.13	9.19				1							
41183	8.689	0.014	8.803	0.018		−0.082	0.002	G	−0.06	0.00	H	8.7796	0.0021	0.014	59		8.75	8.80		C		1							
41184	8.488	0.013	7.763	0.013	A	0.652	0.006	G	0.72	0.01	H	7.8242	0.0107	0.019	74	A	7.79	7.87		D	08243+4457 I 2	1 C P D							S D
41185	10.959	0.055	10.151	0.044		0.714	0.054	T	0.77	0.04	L	10.1912	0.0027	0.019	68		10.16	10.23		C		1							
41186	9.204	0.015	9.150	0.019		0.049	0.022	T	0.06	0.02	L	9.1679	0.0018	0.017	114		9.14	9.20		C		1							
41187	9.544	0.020	9.033	0.019		0.480	0.015	G	0.55	0.02	H	9.0779	0.0017	0.018	92		9.05	9.10		C		1							
41188	8.987	0.010	8.341	0.009		0.619	0.002	G	0.69	0.00	H	8.4038	0.0015	0.017	165		8.38	8.44				1							
41189	9.196	0.021	8.765	0.021		0.481	0.015	G	0.55	0.02	H	8.7790	0.0027	0.016	53		8.75	8.80				1							
41190	9.639	0.026	8.903	0.021		0.674	0.027	T	0.73	0.02	L	8.9745	0.0020	0.013	68		8.95	8.99		C		1							
41191	6.982	0.004	5.798	0.004		1.018	0.002	G	1.03	0.04	E	5.8383	0.0006	0.006	118		5.83	5.85				1 G							S
41192	10.122	0.031	8.869	0.019		1.068	0.028	T	1.03	0.02	L	8.9304	0.0017	0.014	74		8.90	8.96		C		1							
41193	9.846	0.021	8.450	0.012		1.170	0.015	G	1.13	0.01	H	8.5016	0.0016	0.016	123		8.47	8.52		C		1							
41194	8.428	0.011	8.412	0.013		0.019	0.016	T	0.04	0.01	L	8.4212	0.0017	0.013	81		8.40	8.45				1							
41195	8.239	0.007	7.742	0.007		0.467	0.009	T	0.54	0.01	L	7.7974	0.0010	0.011	149		7.78	7.82				1							S
41196	9.560	0.017	7.440	0.007		1.753	0.015	T	1.78	0.01	L	7.2831	0.0012	0.012	121		7.26	7.31				1							S
41197	11.548	0.117	9.618	0.034		1.636	0.100	T	1.72	0.17	K	9.5125	0.0033	0.019	57		9.48	9.55		C		1							
41198	7.781	0.006	7.824	0.008	*	−0.036	0.009	T	−0.01	0.01	L	*	7.8070	0.0013	0.012	130	*	7.79	7.83		D	08244−4131 I 1	2 C A	AB	37	0.410	0.005	1.45	0.02	S
41199	9.368	0.015	8.827	0.014	*	0.507	0.019	T	0.58	0.02	L	*	8.9104	0.0024	0.024	136	*	8.86	8.96		D	08244+6453 I 1	2 C A	AS	181	0.251	0.005	0.51	0.11	
41200	9.364	0.018	8.005	0.010		1.151	0.016	T	1.11	0.01	L	8.0308	0.0020	0.014	73		8.01	8.05		C		1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
41201		08 24 27.87	−08 31 12.9	7.58	3	H	126.116 134 98	−08.520 237 12		2.58	−28.82	21.04	1.03	0.69	1.21	1.35	0.91	+ 1	+23	−14	+ 5	− 1	+11	− 1	+35	+ 6	+14	0	2.11
41202	H	08 24 29.30	+34 09 13.2	10.11		H	126.122 098 84	+34.153 660 46	A	4.65	−12.89	−4.26	3.44	1.87	3.80	4.44	2.86	−19	+ 5	− 3	−13	− 6	+ 5	− 6	+ 6	−38	−26	0	0.54
41203		08 24 29.71	−10 30 27.8	8.52		H	126.123 790 27	−10.507 708 57		2.77	−4.26	5.01	0.95	0.72	1.14	0.95	0.87	−24	+36	−21	−36	−26	−22	−24	+19	+ 2	−39	0	0.01
41204		08 24 30.67	+08 20 48.4	9.54		H	126.127 790 40	+08.346 776 18		1.27	−12.06	−0.41	1.40	0.88	1.52	1.58	1.17	− 9	+30	−13	−23	− 7	−17	−16	+26	−20	− 2	0	1.99
41205		08 24 31.20	−10 01 43.2	9.10		H	126.129 989 72	−10.028 673 25		4.13	−8.81	6.94	1.10	0.85	1.25	1.19	1.04	−12	+24	−16	−31	−38	− 9	−34	+18	+ 3	−26	0	0.86
41206		08 24 31.55	−26 07 21.3	8.69		H	126.131 453 33	−26.122 569 53		1.25	−20.85	−2.86	0.75	0.72	1.01	0.81	0.78	−12	− 9	−25	+40	− 5	+ 4	− 9	+12	+ 7	−32	0	−0.16
41207		08 24 31.72	−53 44 10.5	7.56		H	126.132 157 48	−53.736 237 97		1.41	−6.49	0.52	0.49	0.45	0.53	0.62	0.46	+11	+ 9	+12	+ 5	+ 2	− 6	+ 3	+ 1	+ 4	+10	0	1.51
41208		08 24 33.11	+82 25 51.0	6.28		H	126.137 944 51	+82.430 822 30		4.80	−19.31	−25.90	0.45	0.42	0.55	0.57	0.51	− 8	+13	− 4	− 7	+ 0	+ 3	+ 2	−17	+ 7	− 5	0	−1.36
41209		08 24 33.21	−01 08 52.6	7.07		G	126.138 374 25	−01.147 950 06		22.91	85.24	−188.61	0.76	0.58	0.95	1.05	0.80	−15	+21	−27	+17	+31	−23	+22	+17	−19	− 7	0	−2.03
41210		08 24 33.61	+74 26 17.0	8.64		H	126.140 043 27	+74.438 059 69		3.69	−7.96	−19.09	0.75	0.88	1.09	0.97	1.07	+18	+30	− 2	+17	− 4	+ 8	− 4	−28	+ 1	+19	0	0.17
41211		08 24 35.14	−03 45 04.2	5.61		G	126.146 408 36	−03.751 177 44		36.75	−211.00	−25.83	0.67	0.59	0.87	0.82	0.74	−31	+22	−40	+18	− 8	−26	−24	+60	−22	−19	0	−0.08
41212		08 24 35.29	−40 44 49.3	7.11		H	126.147 026 62	−40.747 034 42		2.27	−6.99	9.57	0.44	0.44	0.55	0.50	0.47	+ 6	+ 4	+ 0	− 8	+ 1	− 2	+ 0	−16	+ 7	− 7	1	−1.08
41213		08 24 35.86	+77 56 19.9	8.28		H	126.149 432 54	+77.938 864 05		6.93	3.77	14.77	0.59	0.57	0.82	0.67	0.56	− 4	+21	−26	+10	+ 0	− 4	− 1	− 3	− 7	+10	0	0.67
41214		08 24 36.42	−04 43 00.7	6.03		H	126.151 752 38	−04.716 862 89		15.46	25.73	−56.30	0.63	0.56	0.82	0.78	0.70	−20	+14	−31	+13	− 8	−27	−21	+57	−16	−11	0	−0.68
41215		08 24 36.93	+01 28 41.8	8.96		H	126.153 875 41	+01.478 288 65		2.43	13.73	−6.93	0.99	0.80	1.47	1.27	0.96	−34	+27	−41	+17	+27	−28	+13	+41	−13	−16	0	1.01
41216		08 24 37.10	−08 55 42.1	8.31		H	126.154 593 42	−08.928 349 74		2.54	−3.27	−4.56	1.01	0.78	1.20	1.27	0.98	− 5	+28	−10	+28	−10	− 7	−10	+40	+ 2	+ 9	0	1.55
41217		08 24 37.75	−70 09 31.3	9.47		H	126.157 273 73	−70.158 685 14		10.28	48.68	−117.97	0.95	0.86	0.97	1.16	0.99	− 5	+ 4	+17	− 1	−11	+ 8	−11	+10	− 9	−23	0	−1.52
41218		08 24 38.08	−02 18 32.3	9.51		H	126.158 669 83	−02.308 976 04		2.85	−8.47	−1.44	1.28	1.03	1.77	1.65	1.30	− 9	− 8	−39	+22	+30	−37	+22	+29	−29	+ 0	0	−0.84
41219		08 24 38.29	−50 18 47.5	8.65		H	126.159 552 19	−50.313 206 42		2.88	−5.50	15.12	0.63	0.64	0.73	0.71	0.65	+10	+ 7	+ 9	− 5	− 7	− 8	− 6	−17	+ 6	+ 2	1	0.67
41220		08 24 38.56	+39 29 58.4	8.88		H	126.160 654 95	+39.499 554 91		4.68	−9.14	−0.81	1.13	0.69	1.25	1.58	0.97	−14	+10	+ 6	+ 0	−10	− 2	−10	+ 3	−11	−31	4	−0.88
41221		08 24 39.56	−11 31 28.2	7.09	1	H	126.164 832 54	−11.524 489 24		1.06	7.29	−4.73	0.74	0.63	0.94	0.90	0.93	−38	+25	−14	−17	+ 4	−11	+ 2	+ 7	−20	−55	0	1.77
41222		08 24 39.87	−32 55 26.5	7.99	1	H	126.166 115 96	−32.924 035 82		1.98	−18.76	−0.73	0.54	0.64	0.85	0.64	0.60	+10	+14	+ 6	+14	+18	+ 7	+15	−18	+13	+10	1	0.39
41223		08 24 40.99	−55 21 51.8	6.81		H	126.170 811 60	−55.364 390 08		4.02	−15.85	14.04	0.46	0.40	0.47	0.52	0.41	+ 7	+ 2	+10	+10	− 1	+13	− 2	+ 0	+ 6	+ 3	1	0.26
41224		08 24 42.77	+42 00 18.8	6.02	1	H	126.178 194 20	+42.005 218 05		3.12	9.02	9.84	0.86	0.47	0.88	1.00	0.58	− 2	+35	−14	− 8	− 4	+ 1	− 7	+ 0	−11	− 9	2	0.40
41225	H	08 24 43.48	+41 58 55.9	8.48		H	126.181 169 70	+41.982 199 55	A	10.42	−42.94	−57.20	2.17	1.20	1.53	1.84	1.07	−20	+ 5	− 3	+ 8	− 9	+ 6	+ 1	−15	−20	−24	1	−0.02
41226		08 24 45.39	+17 10 55.4	7.06		H	126.189 144 66	+17.182 058 74		21.49	9.12	−126.18	0.89	0.48	0.95	0.99	0.66	−12	+35	−20	−28	− 3	−24	−14	+16	−22	− 8	0	1.58
41227		08 24 45.73	+47 10 21.6	8.58		H	126.190 533 40	+47.172 675 62		2.64	−3.26	0.12	1.05	0.68	1.12	1.42	0.95	− 6	+35	− 5	+ 8	− 8	− 7	− 7	+ 7	+ 2	− 4	0	1.59
41228		08 24 47.95	+48 52 29.1	8.79		H	126.199 783 77	+48.874 758 42		7.18	−25.22	−28.74	1.15	0.74	1.27	2.01	1.21	+ 7	+ 7	− 7	− 3	− 9	+20	− 9	+15	+16	+23	0	0.44
41229		08 24 48.39	−10 44 42.9	8.51		H	126.201 610 96	−10.745 253 71		3.53	16.89	−16.13	0.84	0.73	1.13	0.93	0.93	−32	+21	−16	−20	−21	− 9	−19	+18	− 7	−50	0	0.69
41230		08 24 48.54	−00 08 23.5	8.12		G	126.202 249 23	−00.139 852 72		10.83	−49.23	−111.68	1.00	0.74	1.37	1.36	1.03	− 4	+ 1	−39	+26	+37	−21	+32	+34	−35	+ 5	0	1.04
41231		08 24 48.65	+20 08 34.2	8.72		H	126.202 705 83	+20.142 833 46		3.88	0.14	−7.70	1.31	0.73	1.30	1.69	1.03	− 1	+24	−18	−35	− 6	−24	−16	+ 4	−10	+13	0	−0.46
41232		08 24 49.18	+20 09 10.8	7.34		H	126.204 925 84	+20.153 006 34		4.42	−1.44	−5.47	1.03	0.59	1.06	1.42	0.84	− 3	+21	−19	−13	− 7	−18	−13	+15	+ 0	+13	0	0.80
41233		08 24 49.68	+19 10 13.1	8.92		H	126.206 996 47	+19.170 294 73		2.93	1.84	−4.44	1.10	0.66	1.16	1.28	0.88	− 7	+15	−18	−23	−15	−32	−22	+22	− 2	−13	2	0.09
41234		08 24 50.58	−14 50 20.2	8.30		H	126.210 729 63	−14.838 958 16		2.09	−2.57	0.10	0.83	0.72	1.09	0.89	0.87	−15	+36	−19	−13	−15	−12	−18	+15	− 1	− 9	0	0.66
41235		08 24 52.47	+49 42 47.5	9.42		H	126.218 613 48	+49.713 198 11		3.06	−4.36	−10.81	1.37	0.98	1.56	2.21	1.62	+11	+ 1	−12	+13	− 9	+17	− 7	+16	+29	+16	0	0.23
41236		08 24 52.79	−23 41 21.3	6.97		H	126.219 954 33	−23.689 247 95		11.70	−49.83	59.15	0.46	0.51	0.77	0.63	0.64	−12	+ 9	− 5	−10	+21	+ 7	+16	−23	−10	−37	0	−0.39
41237		08 24 52.81	−66 47 16.8	9.17		G	126.220 046 83	−66.787 997 13		2.70	27.72	16.64	0.82	0.75	0.88	1.06	0.83	− 7	+15	+ 0	+ 4	− 3	−28	− 4	− 3	+ 7	−24	0	0.88
41238		08 24 53.00	−58 25 16.8	8.36		H	126.220 823 18	−58.421 327 01		2.73	−4.39	21.57	0.61	0.65	0.69	0.69	0.75	+ 1	+ 9	+ 1	+ 4	− 1	+ 2	− 3	− 7	−11	− 9	0	−0.70
41239		08 24 53.21	+76 57 53.4	6.96		H	126.221 690 48	+76.964 838 11		2.59	31.10	17.08	0.47	0.51	0.67	0.54	0.49	+13	− 1	−19	+17	−16	+ 8	−13	−11	− 7	+12	0	0.31
41240		08 24 53.40	+05 21 02.4	8.28		H	126.222 510 75	+05.350 659 37		1.79	−2.53	−8.65	0.97	0.70	1.07	1.40	0.93	+ 0	+18	−12	− 7	− 7	−13	−13	+32	− 6	+17	0	−0.65
41241		08 24 53.41	−35 36 33.9	8.63		H	126.222 547 71	−35.609 415 52		3.36	67.46	−75.58	0.65	0.67	0.90	0.72	0.76	+ 1	− 3	+11	+24	− 2	+ 6	− 5	+ 5	+ 3	−11	0	0.13
41242		08 24 55.20	−23 09 13.7	5.67		H	126.229 985 46	−23.153 816 98		5.17	−26.59	29.66	0.46	0.41	0.67	0.56	0.50	+ 9	+ 8	− 9	+ 8	+16	− 8	+10	− 9	+ 1	−20	0	−0.63
41243		08 24 55.20	−71 43 21.2	8.63	1	H	126.229 988 17	−71.722 548 55		2.37	−9.50	9.28	0.76	0.68	0.79	0.87	0.73	+ 1	+28	+ 7	−12	− 8	− 2	− 2	+ 1	+11	− 9	0	2.79
41244		08 24 55.25	+23 56 43.2	7.49		H	126.230 192 01	+23.945 339 00		9.95	−53.92	47.09	0.87	0.63	1.00	1.04	0.89	−34	+20	−21	− 9	+22	−23	+18	+ 1	−14	−29	0	−0.02
41245		08 24 55.51	−63 06 44.3	9.02		H	126.231 296 69	−63.112 310 42		3.54	−9.11	9.15	0.72	0.75	0.81	0.70	0.68	+ 3	+13	+15	−30	− 3	−21	− 3	−43	+14	−29	0	0.60
41246		08 24 55.79	−44 18 03.0	8.26	1	G	126.232 466 87	−44.300 845 71		−0.66	−3.79	2.26	1.41	1.36	1.75	1.70	1.55	+ 6	+27	+ 9	+21	+ 6	+20	+ 6	−17	+18	− 2	0	
41247		08 24 55.83	+12 14 10.2	7.92		H	126.232 606 96	+12.236 161 05		3.66	−13.41	−11.78	1.11	0.62	1.08	1.23	0.73	+ 9	+ 2	−22	−41	−14	−16	−18	−10	− 8	+ 3	3	2.85
41248		08 24 56.32	+32 15 21.2	8.12		H	126.234 680 84	+32.255 885 86		3.62	−15.64	−15.76	0.90	0.53	1.09	1.06	0.65	−33	+29	−10	+ 3	−14	−11	−15	+ 0	+ 1	−55	0	−0.02
41249		08 24 56.39	−48 40 32.9	8.33		H	126.234 945 92	−48.675 812 17		3.84	−9.72	8.63	0.60	0.57	0.71	0.72	0.70	− 2	+ 0	+14	+ 5	− 4	+ 9	− 5	+ 0	− 6	+ 3	1	0.91
41250	H	08 24 57.22	−42 46 11.5	5.97	2	G	126.238 398 28	−42.769 850 34	A	1.05	−12.12	6.83	0.89	0.79	0.72	0.69	0.69	−13	+ 2	−11	− 5	+ 1	+ 0	+ 2	−35	+21	−20	8	0.03
41251		08 24 57.46	+48 32 49.3	8.94		H	126.239 423 49	+48.547 024 90		9.40	−20.02	−40.01	1.24	0.79	1.41	2.15	1.23	+11	+ 6	− 8	−14	− 3	+29	− 5	+ 7	+13	+35	0	−0.10
41252		08 24 58.37	−15 17 39.1	6.76		H	126.243 224 74	−15.294 200 29		8.43	−34.82	23.16	0.58	0.50	0.75	0.63	0.59	− 9	+28	−12	− 9	−24	−10	−22	+19	+ 4	−17	3	1.17
41253		08 24 58.64	+42 59 45.4	8.80		H	126.244 337 68	+42.995 943 51		1.55	−5.26	−5.35	1.18	0.65	1.27	1.94	0.98	+ 4	+14	−12	−15	−11	+ 9	−11	−11	−14	+ 3	0	0.80
41254		08 25 00.31	−74 54 44.3	7.17		H	126.251 278 77	−74.912 299 20		14.90	23.27	41.46	0.54	0.48	0.55	0.57	0.50	+ 2	+14	+12	+11	− 6	+ 1	− 5	+ 4	+13	− 7	0	−1.79
41255		08 25 00.40	−12 45 53.2	6.89	1	H	126.251 673 72	−12.764 789 89		0.59	−9.73	2.36	0.78	0.55	0.92	0.87	0.67	− 5	+33	−30	−10	−11	− 7	−18	+26	−11	+ 6	0	−1.06
41256		08 25 00.91	+47 44 30.0	8.20		G	126.253 808 91	+47.741 668 87		10.44	−48.91	−35.02	1.18	0.69	1.22	1.44	0.92	+ 1	+42	− 3	− 2	−16	− 8	−16	+ 6	− 3	− 4	2	1.59
41257		08 25 01.07	+09 25 33.7	6.76		H	126.254 444 69	+09.426 017 38		2.45	−10.10	15.99	0.85	0.54	0.95	1.02	0.75	−10	+30	−18	−11	− 3	−27	−16	+40	−21	+ 3	0	1.44
41258		08 25 02.40	−31 16 33.5	8.86		H	126.259 999 20	−31.275 984 23		2.13	−9.60	2.59	0.67	0.89	1.19	0.81	0.90	+ 0	−10	+12	+11	+10	+ 1	+ 5	−28	− 4	−10	0	−1.18
41259		08 25 02.56	−21 28 17.3	9.05		H	126.260 658 61	−21.471 467 86		2.55	−7.15	−3.84	1.14	0.98	1.44	1.26	1.00	+ 4	+23	−34	− 9	−25	+18	−19	−11	+ 0	+ 7	0	0.30
41260		08 25 03.76	−24 02 46.5	5.32		H	126.265 657 42	−24.046 262 27		6.44	−28.98	20.49	0.42	0.43	0.69	0.58	0.54	− 8	+10	+ 5	− 6	+25	+10	+18	−14	−20	−35	1	0.00
41261	H	08 25 04.14	−49 09 35.0	7.66		G	126.267 250 14	−49.159 735 29	*	30.14	68.07	−105.35	0.90	1.00	0.79	1.18	1.20	+ 3	− 3	+18	+ 4	− 6	+ 1	− 9	−12	+12	− 1	1	1.99
41262		08 25 04.90	+35 00 41.2	6.08		H	126.270 397 29	+35.011 435 77		4.57	−12.43	−11.14	0.73	0.42	0.82	1.08	0.60	−15	−15	− 9	−32	− 2	+11	+ 3	− 2	−12	−25	0	1.06
41263		08 25 06.06	+40 18 06.0	10.21		H	126.275 269 38	+40.301 669 99		4.44	−13.81	−16.43	1.51	0.95	1.68	2.04	1.30	−13	+19	−13	+ 0	+ 0	+ 4	− 3	− 4	−13	−16	4	0.00
41264		08 25 09.01	+54 31 35.6	8.14		H	126.287 535 24	+54.526 560 99		6.44	3.78	−18.83	0.78	0.64	0.97	0.97	0.95	− 9	+20	−10	−32	−22	+ 6	−24	− 1	− 4	−14	0	1.13
41265		08 25 09.26	−09 47 07.7	7.96		H	126.288 572 88	−09.785 473 83		1.10	−5.54	6.59	0.72	0.61	0.96	0.80	0.76	−26	+32	−17	−11	−24	−13	−23	+20	+ 1	−36	4	0.60
41266	H	08 25 09.31	−55 28 22.2	6.61	1	H	126.288 773 13	−55.472 835 02	A	2.80	−7.76	2.40	1.71	0.87	0.58	0.63	0.50	+18	− 1	+ 7	−12	+ 9	+11	+ 8	+ 3	+16	− 6	3	0.03
41267		08 25 09.51	+53 55 53.9	7.35		H	126.289 645 76	+53.931 650 79		11.83	−26.95	−1.80	0.69	0.59	0.87	0.88	0.86	−17	+25	− 7	− 1	−10	− 2	−10	+11	+ 4	−16	2	0.27
41268		08 25 10.77	−31 56 24.7	6.81		H	126.294 869 43	−31.940 206 50		2.88	−14.29	7.77	0.39	0.45	0.67	0.47	0.49	+18	+ 1	+ 3	+15	+ 6	+19	+ 3	− 9	+10	+11	0	0.10
41269		08 25 11.41	+32 36 38.8	10.10		G	126.297 531 39	+32.610 780 24		24.18	13.71	−674.83	1.48	0.88	1.83	2.00	1.22	−39	+11	− 8	− 6	−15	+ 3	−12	+10	− 4	−58	2	−0.26
41270		08 25 11.47	+39 36 44.8	9.35		H	126.297 807 90	+39.612 457 74		10.81	−90.21	−117.95	1.29	0.78	1.44	1.86	1.16	−10	+15	− 1	− 5	− 9	+ 6	− 9	+ 1	− 9	−25	0	1.11
41271		08 25 12.72	−34 23 51.2	8.94		H	126.303 005 90	−34.397 548 72		3.02	−5.86	10.22	0.63	0.71	0.90	0.71	0.73	+ 5	−14	+13	+31	+ 4	+ 6	+ 3	− 2	+ 5	+ 6	0	−0.94
41272		08 25 13.67	+39 14 26.6	8.95		H	126.306 976 56	+39.240 725 33		5.27	43.66	−62.78	1.21	0.70	1.33	1.79	1.05	− 9	+16	+ 5	− 7	−17	+ 9	−15	+ 9	−11	−33	0	−0.69
41273		08 25 14.08	−74 49 51.2	8.55		H	126.308 670 40	−74.830 895 60		6.32	−9.82	35.53	0.74	0.64	0.76	0.78	0.69	− 3	+22	+ 4	− 4	− 6	− 9	− 2	− 3	+19	−12	0	−0.82
41274		08 25 14.15	−07 10 12.8	7.35	1	H	126.308 961 20	−07.170 213 14		20.20	−117.76	−9.56	0.69	0.64	0.90	0.86	0.85	−23	+11	−25	− 1	−18	−26	−24	+40	− 5	−28	0	0.48
41275		08 25 15.22	+64 42 48.4	7.70		H	126.313 427 49	+64.713 454 05		11.43	−1.82	−68.56	0.64	0.58	0.91	0.74	0.68	+17	+19	+ 3	+18	+ 0	+19	+ 4	+ 4	+12	+38	0	−0.05
*41276		08 25 16.99	+24 20 36.3	10.24		H	126.320 794 98	+24.343 408 05	B	−1.22	−1.30	7.40	10.64	6.15	6.31	9.13	5.95	−28	+23	−29	−30	+12	−25	− 7	+17	−21	− 1	0	−0.07
*41277		08 25 16.94	+04 15 13.6	10.39	2	G	126.320 588 74	+04.253 782 13		21.60	−54.64	−96.35	1.62	1.18	1.94	2.16	1.62	−16	+13	−11	+ 8	− 3	−22	−10	+42	−14	− 5	5	1.01
41278		08 25 17.72	−34 22 01.0	7.86	2	H	126.323 843 76	−34.366 947 46		15.10	−9.12	−27.55	0.50	0.58	0.75	0.54	0.60	+ 6	−13	+ 3	+16	− 2	+ 3	− 3	− 5	+ 0	+ 1	0	0.32
41279		08 25 18.19	+24 21 00.4	8.57		H	126.325 800 04	+24.350 112 19	A	3.08	10.39	−4.62	2.50	1.71	2.40	2.83	2.10	−29	+18	−48	−16	+11	−29	−11	+39	−25	− 8	0	−0.07
41280		08 25 18.31	−22 08 25.2	6.93		H	126.326 276 47	−22.140 333 42		7.38	−17.92	29.70	0.52	0.48	0.76	0.56	0.54	− 2	+13	−11	+27	+10	− 6	+ 2	+ 3	− 8	−27	2	0.87
41281		08 25 18.91	−69 51 03.1	8.87		H	126.328 812 07	−69.850 862 25		2.27	−10.97	10.30	0.76	0.72	0.79	0.90	0.81	− 6	− 2	+15	− 4	−20	+20	−21	+12	+ 2	−19	0	0.16
41282		08 25 19.02	−21 02 46.0	6.01		G	126.329 262 30	−21.046 106 08		29.46	−34.39	61.85	0.61	0.51	0.78	0.70	0.56	−13	+29	−15	+20	−14	+ 7	−14	− 3	− 2	−17	0	0.45
41283		08 25 19.50	+29 39 06.4	8.20		H	126.331 248 83	+29.651 775 38		−0.02	−20.65	−11.33	1.00	0.78	1.08	1.30	0.84	−21	+29	−36	−13	− 5	−29	−17	+28	− 3	+ 3	0	0.27
41284		08 25 21.31	+43 57 02.2	9.28		H	126.338 779 67	+43.950 622 45		0.00	10.47	2.81	1.28	0.89	1.60	1.86	1.25	− 5	+24	−26	+ 8	−10	+24	+ 0	+ 0	+15	+19	0	0.76
41285		08 25 22.24	−55 44 55.2	6.95		H	126.342 662 85	−55.748 664 00		8.71	26.56	21.26	0.50	0.42	0.51	0.59	0.43	+ 3	− 1	+12	+ 4	+ 4	+11	+ 2	− 7	+ 6	+ 0	1	1.92
41286	H	08 25 23.73	+37 23 18.7	7.93		G	126.348 858 12	+37.388 532 54	*	6.60	−17.69	−33.27	2.03	1.08	1.31	1.61	1.06	−16	+17	−30	+ 9	− 4	− 1	− 9	+30	−15	+15	1	0.26
41287		08 25 26.06	+55 46 27.4	8.60		H	126.358 592 89	+55.774 275 56		1.57	−4.66	2.43	0.89	0.69	1.23	0.96	0.71	− 9	+32	− 4	−39	+ 6	−15	+ 4	−33	+ 6	+34	0	0.13
41288	H	08 25 26.36	−31 19 57.4	8.76		H	126.359 819 52	−31.332 607 39	A	0.68	−5.12	3.88	0.80	1.02	1.26	0.87	0.98	+ 1	− 9	+22	+22	+11	+14	+ 1	−16	−11	−16	1	0.86
41289		08 25 26.96	−56 45 53.3	8.89		H	126.362 325 77	−56.764 800 84		6.88	1.08	−3.86	0.67	0.56	0.68	0.68	0.58	− 9	+12	− 2	− 2	+ 9	+ 3	+11	− 4	+15	−13	0	−1.15
41290		08 25 27.65	−50 55 00.6	9.40		H	126.365 227 00	−50.916 832 57		1.95	6.50	−1.14	0.85	0.85	0.98	0.93	0.88	+ 5	+13	− 5	−15	− 4	−15	− 5	−19	+ 3	+ 0	3	0.27
41291		08 25 28.58	+22 29 04.3	9.25		H	126.369 070 68	+22.484 535 97		2.91	−20.87	−8.72	1.34	0.98	1.80	1.95	1.37	−20	+ 4	−52	+ 8	+22	−34	+ 4	+39	−32	− 3	0	1.19
41292		08 25 28.74	+31 02 59.1	9.19		H	126.369 758 12	+31.049 760 82		8.40	−71.73	−37.96	0.97	0.63	1.23	1.11	0.79	−49	+31	− 8	− 1	−20	−22	−16	+ 4	+21	−78	0	−1.85
41293		08 25 30.27	−58 07 59.6	6.65		H	126.376 145 08	−58.133 228 37		2.49	−8.09	4.17	0.45	0.43	0.48	0.50	0.44	+ 7	+ 2	+ 1	+ 4	+ 1	− 1	+ 0	− 6	− 1	− 1	0	0.70
41294		08 25 30.29	−61 20 55.1	8.19		H	126.376 187 92	−61.348 646 14		5.96	−8.65	−12.26	0.62	0.64	0.68	0.67	0.70	− 7	−11	− 7	+25	− 5	+ 0	−12	−29	+29	−16	1	1.34
41295	H	08 25 30.52	−46 38 03.3	8.63		G	126.377 164 07	−46.634 247 28	A	2.22	−6.28	5.02	1.56	1.18	1.19	1.30	1.06	+ 6	− 1	+14	+ 8	+ 6	− 3	+ 4	− 5	+13	− 5	2	0.19
41296		08 25 31.34	−51 43 38.8	5.18		G	126.380 580 13	−51.727 456 83		4.84	−14.68	17.14	0.41	0.38	0.45	0.47	0.40	+11	+ 9	+13	− 2	− 8	+ 3	− 7	+ 6	+ 9	+ 9	0	−0.23
41297		08 25 33.99	+00 56 57.2	8.91		H	126.391 627 64	+00.949 211 84		11.28	−31.06	8.17	1.07	0.89	1.48	1.45	1.08	−27	+22	−38	+25	+25	−23	+12	+45	−14	− 9	0	−0.57
41298		08 25 35.05	−62 53 49.7	8.51		H	126.396 036 81	−62.897 131 37		2.28	−17.02	13.08	0.72	0.71	0.81	0.72	0.66	− 1	+ 4	+10	−31	− 2	−22	− 1	−38	+25	−31	0	1.13
41299		08 25 35.55	+02 06 08.1	5.74		H	126.398 126 18	+02.102 249 35		5.42	−21.42	−16.40	0.68	0.51	0.89	0.90	0.66	−15	+22	−25	+28	+14	−27	+ 6	+54	− 5	− 5	2	−0.98
41300		08 25 35.84	+03 29 27.1	8.46		H	126.399 313 46	+03.490 848 89		2.20	−25.39	−5.69	1.05	0.78	1.15	1.42	1.10	−13	+28	+ 6	− 6	−24	−25	−22	+47	+ 6	−17	0	−0.36

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
41201	9.311	0.026	7.783	0.014		1.305	0.024	T	3.75	0.12	O	7.1551	0.0491	0.230	45		6.85	7.47		U 2			1 S							P
41202	10.364	0.044	9.987	0.048	*	0.357	0.060	T	0.42	0.07	L *	10.1934	0.0034	0.022	99	*	10.16	10.23		D	08245+3409	I 1	2 C A	AB	213	5.872	0.007	0.64	0.03	
41203	8.505	0.009	8.514	0.011		−0.004	0.013	T	0.02	0.01	L	8.5250	0.0018	0.014	108		8.51	8.55					1							
41204	11.026	0.063	9.597	0.030		1.206	0.055	T	1.17	0.05	L	9.7023	0.0031	0.020	66		9.67	9.74		C			1							
41205	9.185	0.016	9.079	0.019		0.103	0.023	T	0.12	0.03	L	9.1379	0.0018	0.016	104		9.11	9.17					1							
41206	9.851	0.019	8.799	0.013		0.913	0.017	T	0.91	0.01	L	8.8497	0.0018	0.019	137		8.82	8.88		C			1							
41207	7.733	0.007	7.577	0.008		0.150	0.010	T	0.17	0.01	L	7.6163	0.0010	0.009	119		7.60	7.64					1							S
41208	6.321	0.003	6.282	0.004		0.035	0.004	T	0.05	0.00	L	6.2965	0.0008	0.007	132		6.29	6.31					1							S
41209	7.794	0.008	7.143	0.006		0.589	0.002	G	0.66	0.00	H	7.1986	0.0008	0.007	82		7.19	7.21			08246−0108	I 1	1 S							S
41210	10.145	0.025	8.749	0.014		1.180	0.022	T	1.14	0.02	L	8.8000	0.0023	0.022	125		8.77	8.84					1							
41211	6.166	0.004	5.668	0.003		0.478	0.020	G	0.56	0.02	A	5.7125	0.0011	0.007	81		5.70	5.73					1 S							S
41212	6.902	0.004	7.074	0.005		−0.158	0.007	G	−0.16	0.01	H	7.0512	0.0007	0.008	129		7.04	7.07		C			1							S
41213	8.534	0.008	8.300	0.009		0.223	0.011	T	0.25	0.01	L	8.3432	0.0013	0.013	143		8.32	8.37					1							S
41214	6.581	0.004	6.076	0.005		0.460	0.006	G	0.53	0.01	H	6.1269	0.0007	0.006	77		6.12	6.14					1							S
41215	10.289	0.030	9.074	0.018		1.039	0.027	T	1.01	0.02	L	9.1286	0.0014	0.014	105		9.11	9.15		C			1							
41216	8.441	0.018	8.279	0.020		0.156	0.025	T	0.17	0.03	L	8.3699	0.0020	0.013	61		8.35	8.40		C			1 S							S
41217	10.222	0.044	9.459	0.035		0.680	0.043	T	0.74	0.04	L	9.6083	0.0021	0.019	106		9.58	9.64					1							
41218	11.385	0.092	9.709	0.034		1.401	0.077	T	1.38	0.09	L	9.6595	0.0026	0.020	71		9.63	9.69		C			1							
41219	8.726	0.013	8.663	0.015		0.068	0.003	G	0.08	0.00	H	8.6805	0.0016	0.016	109		8.66	8.71					1							
41220	9.214	0.017	8.882	0.018		0.315	0.023	T	0.36	0.03	L	8.9559	0.0016	0.018	90		8.93	8.99		C			1							
41221	9.182	0.015	7.277	0.007		1.582	0.013	T	1.60	0.01	L	7.2054	0.0023	0.015	88		7.18	7.23		U			1							S
41222	9.893	0.019	8.152	0.009		1.452	0.017	T	1.45	0.03	L	8.1200	0.0013	0.019	158		8.09	8.15		M	08246−3256	I 1	1							
41223	6.662	0.004	6.786	0.005		−0.108	0.006	T	−0.09	0.01	L	6.7782	0.0006	0.007	134		6.77	6.79		C			1							S
41224	8.116	0.010	6.202	0.006		1.591	0.001	G	1.60	0.09	H	6.1356	0.0010	0.009	90		6.12	6.16		M	08247+4200	I 2	1							S
41225	9.255	0.016	8.549	0.014	*	0.650	0.017	T	0.71	0.01	L *	8.6162	0.0022	0.017	92	*	8.58	8.65		D	08247+4200	I 2	2 C A	AC	77	0.419	0.016	2.42	0.10	S
41226	7.691	0.007	7.125	0.007		0.539	0.001	G	0.61	0.00	H	7.1773	0.0008	0.007	82		7.16	7.19		C			1							S
41227	9.846	0.024	8.703	0.016		0.983	0.022	T	0.96	0.02	L	8.7492	0.0019	0.015	81		8.73	8.78		C			1							S
41228	9.263	0.019	8.827	0.019		0.412	0.025	T	0.48	0.03	L	8.8821	0.0025	0.020	74		8.85	8.92		C			1							S
41229	10.032	0.028	8.626	0.015		1.188	0.025	T	1.15	0.02	L	8.6774	0.0016	0.013	109		8.66	8.71					1							
41230	8.778	0.016	8.187	0.014		0.538	0.015	G	0.61	0.02	H	8.2328	0.0018	0.011	68		8.21	8.25		C			1							S
41231	8.785	0.014	8.665	0.017		0.116	0.021	T	0.13	0.02	L	8.7626	0.0027	0.016	75		8.74	8.79			08248+2009	I 2	1							
41232	8.111	0.010	7.412	0.010		0.644	0.012	T	0.71	0.01	L	7.4734	0.0017	0.013	78		7.46	7.49			08248+2009	I 2	1							S
41233	10.484	0.039	9.010	0.019		1.241	0.034	T	1.20	0.03	L	9.0852	0.0022	0.015	64		9.06	9.11		C			1							
41234	10.377	0.042	8.505	0.016		1.556	0.036	T	1.57	0.04	L	8.4147	0.0029	0.016	76		8.39	8.44					1							
41235	9.784	0.025	9.429	0.025		0.337	0.033	T	0.39	0.04	L	9.5049	0.0031	0.020	73		9.48	9.54					1							
41236	7.526	0.005	7.026	0.005		0.481	0.005	T	0.55	0.01	L	7.0749	0.0008	0.009	160		7.06	7.09		C			1							S
41237	10.379	0.030	9.322	0.021		0.948	0.003	G	0.94	0.00	I	9.3302	0.0017	0.017	111		9.31	9.36		C			1							
41238	9.259	0.014	8.458	0.012		0.709	0.014	T	0.76	0.01	L	8.4971	0.0017	0.016	126		8.47	8.52					1							
41239	8.713	0.009	7.106	0.005		1.346	0.008	T	1.31	0.01	L	7.1145	0.0010	0.011	158		7.10	7.14					1							S
41240	10.157	0.037	8.418	0.016		1.450	0.032	T	1.45	0.05	L	8.4158	0.0017	0.013	56		8.39	8.44		C			1							
41241	9.571	0.018	8.731	0.014		0.739	0.017	T	0.79	0.01	L	8.7645	0.0019	0.020	152		8.73	8.81					1							
41242	5.745	0.002	5.679	0.002		0.066	0.003	T	0.08	0.00	L	5.6954	0.0006	0.006	156		5.69	5.71					1							S
41243	10.875	0.053	8.859	0.017		1.670	0.044	T	1.69	0.04	L	8.7350	0.0031	0.025	109		8.70	8.77		U			1 S							
41244	7.958	0.009	7.534	0.009		0.408	0.015	G	0.47	0.02	H	7.5793	0.0013	0.010	85		7.56	7.60					1							S
41245	10.311	0.030	9.117	0.018		1.022	0.027	T	1.00	0.02	L	9.1868	0.0014	0.015	106		9.16	9.21		C			1							
41246	8.841	0.012	8.333	0.011		0.530	0.000	G	0.60	0.00	H	8.3166	0.0030	0.021	107		8.29	8.35		U	08249−4418	I 1	1 X S							
41247	9.114	0.018	8.016	0.012		0.948	0.017	T	0.94	0.01	L	8.0823	0.0018	0.008	56		8.06	8.10		C			1							
41248	9.554	0.019	8.233	0.011		1.122	0.017	T	1.08	0.02	L	8.2863	0.0014	0.013	132		8.26	8.31		C			1							
41249	8.299	0.009	8.336	0.012		−0.031	0.013	T	−0.01	0.01	L	8.3327	0.0011	0.013	124		8.31	8.35		C			1 G							
41250	5.777	0.003	5.943	0.005	*	−0.159	0.010	G	−0.16	0.01	H *	5.9071	0.0010	0.011	110	*	5.90	6.07		U 2 C	08250−4246	I 1	2 C A	AB	112	0.453	0.002	0.62	0.01	S P
41251	9.585	0.026	9.011	0.024		0.537	0.031	T	0.61	0.03	L	9.0592	0.0020	0.016	73		9.03	9.09		D			1							S
41252	6.979	0.006	6.777	0.007		0.193	0.009	T	0.21	0.01	L	6.8181	0.0010	0.008	87		6.80	6.83					1							S
41253	10.311	0.036	8.947	0.020		1.155	0.032	T	1.12	0.03	L	8.9684	0.0023	0.019	88		8.94	9.01		C			1							S
41254	7.986	0.009	7.254	0.008		0.671	0.010	T	0.73	0.01	L	7.3090	0.0011	0.009	109		7.29	7.33		C			1							S
41255	6.723	0.006	6.868	0.007		−0.130	0.002	G	−0.12	0.00	H	6.8522	0.0021	0.014	70		6.83	6.87		M			1							S
41256	8.726	0.014	8.230	0.013		0.483	0.015	G	0.55	0.02	H	8.2946	0.0019	0.012	68		8.28	8.32		C			1							S
41257	8.637	0.014	6.919	0.007		1.434	0.012	T	1.43	0.02	L	6.9022	0.0007	0.007	61		6.88	6.92		D	08250+0926	I 1	1							S
41258	10.371	0.028	8.994	0.014		1.165	0.025	T	1.13	0.02	L	9.0268	0.0013	0.019	171		9.00	9.07		D			1							
41259	9.127	0.015	9.016	0.019		0.100	0.022	T	0.11	0.02	L	9.0874	0.0032	0.024	81		9.05	9.13		C			1							
41260	7.271	0.004	5.470	0.003		1.476	0.005	G	1.49	0.01	H	5.4468	0.0007	0.007	151		5.44	5.46			08251−2403	I 1	1							S
41261	8.625	0.011	7.759	0.008	*	0.777	0.005	G	0.82	0.01	H *	7.8007	0.0023	0.018	127	*	7.78	7.83		D	08251−4910	I 1	2 C A	AB	208	0.276	0.003	0.67	0.05	
41262	7.709	0.007	6.210	0.004		1.261	0.006	T	1.22	0.01	L	6.2378	0.0008	0.008	115		6.22	6.25		C			1							S
41263	11.005	0.055	10.265	0.043		0.677	0.055	T	0.74	0.05	L	10.3504	0.0038	0.031	89		10.30	10.41					1							G
41264	8.657	0.011	8.186	0.010		0.443	0.015	G	0.51	0.02	H	8.2420	0.0016	0.016	116		8.22	8.27					1							S
41265	7.906	0.008	7.942	0.013		−0.044	0.002	G	−0.02	0.00	H	7.9511	0.0012	0.009	101		7.93	7.97		C			1							S
41266	6.552	0.004	6.609	0.005	*	−0.047	0.005	T	−0.03	0.01	L *	6.6026	0.0012	0.013	125	*	6.58	6.62		U 2	08252−5528	I 1	2 C A	AB	76	0.332	0.005	1.91	0.06	S
41267	7.917	0.008	7.399	0.009		0.486	0.011	T	0.56	0.01	L	7.4544	0.0011	0.010	91		7.44	7.47		C			1							S
41268	6.701	0.004	6.796	0.005		−0.082	0.006	T	−0.06	0.01	L	6.7922	0.0008	0.009	174		6.78	6.81					1							S
41269	11.178	0.062	10.201	0.040		1.021	0.019	G	1.07	0.02	I	10.1870	0.0031	0.024	120		10.14	10.23		C			1							G
41270	10.084	0.028	9.424	0.025		0.612	0.032	T	0.68	0.03	L	9.4819	0.0027	0.021	84		9.45	9.53		C			1							
41271	8.894	0.011	8.923	0.014		−0.024	0.015	T	0.00	0.01	L	8.9373	0.0020	0.020	164		8.90	8.98					1							
41272	9.489	0.021	8.996	0.021		0.464	0.027	T	0.53	0.03	L	9.0521	0.0020	0.017	79		9.03	9.09		C			1							
41273	9.048	0.014	8.606	0.014		0.417	0.018	T	0.48	0.02	L	8.6486	0.0019	0.015	106		8.62	8.67					1							
41274	8.562	0.012	7.458	0.008		0.952	0.011	T	0.94	0.01	L	7.5168	0.0028	0.015	72		7.48	7.54		U 2			1							S
41275	8.209	0.007	7.744	0.008		0.438	0.010	T	0.51	0.01	L	7.8023	0.0013	0.015	135		7.78	7.83					1							S
41276	11.686	0.126	10.215	0.049	B	1.239	0.106	T	1.20	0.10	L	10.4090	0.0216			B				D	08253+2421	I 2	1 C I D							D
41277	11.748	0.136	10.533	0.075		1.030	0.015	G	1.08	0.02	I	10.4689	0.0067	0.043	54		10.42	10.53		U			1							G
41278	8.608	0.009	7.935	0.008		0.612	0.009	T	0.68	0.01	L	7.9852	0.0022	0.023	166		7.95	8.02		U 2			1							S
41279	9.970	0.033	8.653	0.018	A	1.118	0.030	T	1.08	0.03	L	8.7376	0.0066	0.015	87	A	8.71	8.76		D	08253+2421	I 2	1 C P D							D
41280	8.158	0.007	7.033	0.006		0.969	0.007	T	0.95	0.01	L	7.0962	0.0008	0.009	159		7.08	7.12					1							S
41281	8.855	0.015	8.856	0.019		0.000	0.021	T	0.02	0.02	L	8.8775	0.0023	0.016	106		8.85	8.91					1							
41282	6.485	0.004	6.045	0.004		0.402	0.006	G	0.47	0.01	H	6.0983	0.0007	0.006	83		6.09	6.11		C			1							S
41283	10.229	0.033	8.387	0.014		1.560	0.015	G	1.53	0.01	J	8.3225	0.0021	0.017	96		8.30	8.36					1 G							
41284	10.474	0.035	9.365	0.023		0.956	0.033	T	0.94	0.02	L	9.4436	0.0027	0.020	86		9.41	9.49		C			1							
41285	7.351	0.005	6.995	0.007		0.346	0.008	T	0.41	0.01	L	7.0355	0.0008	0.008	114		7.02	7.05		C	08254−5545	I 1	1							S
41286	8.446	0.010	7.978	0.010	*	0.451	0.015	G	0.52	0.02	H *	8.0335	0.0013	0.012	98	*	8.01	8.05		D	08254+3723	I 1	2 C A	AB	269	0.252	0.008	0.14	0.16	S
41287	10.899	0.047	8.830	0.015		1.712	0.039	T	1.74	0.04	L	8.7069	0.0023	0.022	113		8.67	8.75					1 S							
41288	8.752	0.010	8.751	0.013	A	0.100	0.495	G	−0.01	0.04	L *	8.7538	0.0021	0.021	174	*	8.72	8.79			08254−3120	I 1	2 C C	AB	228	4.467	0.042	3.74	0.17	
41289	9.391	0.015	8.919	0.015		0.445	0.019	T	0.51	0.02	L	8.9907	0.0018	0.015	115		8.97	9.02		C			1							
41290	11.070	0.054	9.494	0.021		1.322	0.046	T	1.28	0.05	L	9.5598	0.0024	0.021	120		9.53	9.60		C			1							
41291	9.615	0.025	9.312	0.028		0.288	0.035	T	0.33	0.04	L	9.3300	0.0022	0.015	64		9.31	9.37					1							
41292	10.132	0.019	9.241	0.014		0.793	0.018	T	0.82	0.01	L	9.3413	0.0016	0.019	187		9.31	9.38		C			1							
41293	6.619	0.004	6.649	0.004		−0.023	0.005	T	0.00	0.01	L	6.6540	0.0006	0.006	123		6.65	6.67		C			1							S
41294	8.433	0.010	8.220	0.011		0.197	0.015	T	0.22	0.02	L	8.2527	0.0013	0.014	100		8.22	8.28					1							S
41295	8.561	0.010	8.643	0.013	*	−0.058	0.015	G	−0.04	0.01	H *	8.6229	0.0018	0.016	120	*	8.59	8.65		D	08255−4638	H 1	2 C A	AB	73	0.522	0.015	2.71	0.08	
41296	4.955	0.003	5.142	0.003		−0.164	0.003	G	−0.17	0.00	H	5.1213	0.0007	0.006	112		5.11	5.13			08255−5144	I 1	1							S
41297	9.491	0.020	8.977	0.019		0.483	0.025	T	0.55	0.03	L	9.0131	0.0018	0.016	88		8.99	9.04		C			1							S
41298	10.315	0.030	8.703	0.014		1.350	0.026	T	1.32	0.03	L	8.6596	0.0020	0.014	102		8.64	8.69		C			1							
41299	7.716	0.006	5.901	0.004		1.528	0.004	G	1.53	0.01	L	5.8623	0.0011	0.007	102		5.85	5.87					1							S
41300	9.714	0.028	8.543	0.018		1.004	0.026	T	0.98	0.02	L	8.6271	0.0017	0.011	52		8.60	8.64		C			1							

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
41301	H	08 25 36.09	−67 13 30.5	9.60		H	126.400 394 06	−67.225 144 46	A	7.99	−26.67	41.49	2.31	2.20	2.20	2.28	2.29	+3	+29	+6	+11	+6	−8	+2	−22	+3	−12	0	0.18
*41302		08 25 37.40	+52 16 56.2	9.15	2	H	126.405 849 56	+52.282 265 50		2.06	−11.52	−18.38	1.25	0.84	1.36	1.57	1.22	−5	+40	−3	+10	+0	+3	+1	+20	+10	+18	0	1.48
*41303		08 25 37.40	−08 57 21.8	6.51		H	126.405 815 63	−08.956 069 05		4.76	−34.95	3.73	0.76	0.60	0.93	0.96	0.77	−9	+25	−28	+24	−2	−10	−9	+40	−12	+8	0	1.86
41304		08 25 39.14	−71 03 02.6	7.74		H	126.413 063 58	−71.050 725 93		3.88	−28.23	21.75	0.62	0.57	0.65	0.78	0.65	−7	+17	+13	−8	−6	+19	−8	+6	−11	−23	3	1.25
41305		08 25 39.19	−38 46 35.1	9.95		G	126.413 297 02	−38.776 412 93		0.97	−4.01	4.64	0.82	0.82	1.06	0.94	0.87	+1	+8	+6	+0	+2	−6	+0	−16	−2	−10	0	−0.10
41306		08 25 39.37	−17 26 21.9	6.44		G	126.414 037 07	−17.439 403 12		4.67	−11.58	−0.70	0.62	0.53	0.81	0.63	0.56	−11	+26	−31	−12	−30	−6	−32	+2	+3	−12	0	−0.09
41307		08 25 39.67	−03 54 22.9	3.91		H	126.415 295 46	−03.906 364 82		26.09	−66.05	−24.20	0.60	0.53	0.78	0.73	0.66	−27	+16	−23	+15	−11	−32	−19	+50	−10	−26	0	0.50
41308		08 25 40.50	+66 27 48.6	8.86		H	126.418 756 04	+66.463 495 46		26.64	−3.04	−501.13	0.88	0.81	1.23	1.06	1.14	+5	+16	+9	+29	+0	+21	−1	−2	−16	+12	1	1.19
41309		08 25 41.33	−59 14 06.0	9.63		H	126.422 211 25	−59.235 011 17		3.70	−82.27	24.38	0.88	0.87	0.94	0.98	1.02	+8	+3	−8	+5	−13	+10	−16	−20	+8	−3	0	1.31
41310		08 25 41.84	+36 30 12.7	8.15		H	126.424 320 22	+36.503 515 92		4.75	3.39	−20.65	1.04	0.64	1.12	1.20	1.03	−30	+20	−25	−13	−28	+4	−33	+36	−4	−31	0	0.62
41311		08 25 44.19	+21 11 26.2	8.81		H	126.434 127 73	+21.190 621 16		2.87	−7.94	−7.21	1.29	0.75	1.42	1.37	1.10	−23	+28	−32	−40	+3	−18	−10	+20	−35	−19	0	−0.66
41312		08 25 44.25	−66 08 11.5	3.77		G	126.434 359 36	−66.136 520 42		30.21	−35.83	−152.15	0.44	0.39	0.45	0.44	0.35	+1	+2	+22	+4	−4	−13	−2	−18	+5	−8	0	2.68
41313		08 25 46.02	−00 24 41.8	7.30		G	126.441 770 07	−00.411 604 48		4.64	0.40	−66.40	0.88	0.64	1.14	1.16	0.89	−10	+20	−25	+20	+25	−16	+18	+36	−23	−7	0	−1.32
41314		08 25 47.72	−15 25 48.7	8.22		H	126.448 834 57	−15.430 202 01		5.97	−4.33	−1.93	0.76	0.63	0.97	0.85	0.73	−18	+21	−21	−13	−20	−9	−16	+26	+7	−26	0	0.79
41315		08 25 48.37	+01 34 28.0	6.56		H	126.451 560 13	+01.574 440 55		6.96	−14.45	−51.23	0.80	0.58	1.00	1.06	0.78	−9	+20	−13	+31	+9	−21	+8	+56	+5	−5	0	0.16
120004		08 25 48.50	−00 24 35.3	9.84		H	126.452 092 19	−00.409 804 49		12.80	−66.31	11.63	2.07	1.53	2.69	2.69	2.13	−11	+25	−19	+26	+22	−7	+17	+40	−20	−13	0	0.03
41316		08 25 48.59	−04 10 40.6	7.39		H	126.452 475 92	−04.177 931 43		3.01	−1.78	−8.40	0.73	0.67	0.95	0.90	0.84	−34	+26	−35	+6	−13	−23	−26	+53	−22	−25	0	0.10
41317		08 25 49.42	−29 55 47.6	7.81		H	126.455 924 12	−29.929 882 08		25.74	139.22	−291.38	0.43	0.59	0.86	0.48	0.64	+23	−4	−5	+15	+5	+19	+3	−17	+13	+18	1	−0.92
41318		08 25 49.64	−64 26 57.6	8.16		H	126.456 841 48	−64.449 334 79		5.28	10.27	16.26	0.55	0.55	0.62	0.50	0.50	−10	−10	+29	−29	−4	+8	−4	−18	−4	−30	0	1.00
41319		08 25 49.99	+17 02 47.9	6.11		H	126.458 306 68	+17.046 637 70		22.24	−192.75	−152.48	0.80	0.47	0.92	0.83	0.59	−24	+41	−33	−24	+1	−21	−17	+20	−30	−12	0	1.50
41320		08 25 51.55	−30 04 01.5	8.67		H	126.464 795 95	−30.067 082 97		2.11	−1.21	3.04	0.56	0.81	1.11	0.61	0.80	+24	−3	−1	+14	+5	+13	+5	−24	+9	+25	0	0.21
41321		08 25 51.62	−64 36 02.4	5.95		H	126.465 070 32	−64.600 654 52		9.11	−15.03	15.18	0.42	0.42	0.48	0.39	0.36	−2	−4	+32	−17	−7	+1	−8	−21	+1	−16	0	2.39
41322	H	08 25 51.72	−16 22 47.5	10.24		H	126.465 485 70	−16.379 867 72	A	20.49	−186.39	26.17	2.27	2.01	2.70	2.46	1.90	−27	+33	−26	+0	−27	+7	−21	+0	+0	−45	4	1.48
41323		08 25 51.92	−42 09 11.2	5.45		H	126.466 346 14	−42.153 104 07		4.01	−16.47	13.36	0.38	0.40	0.50	0.42	0.46	+11	+1	+12	+1	−7	+5	−9	−6	+20	−1	0	−0.57
41324		08 25 53.21	−33 33 50.9	8.60		H	126.471 709 75	−33.564 138 50		1.21	−1.51	3.33	0.71	0.86	1.16	0.82	0.86	+14	+4	+13	+9	+19	+21	+15	+2	+7	+15	0	0.53
41325		08 25 54.79	+07 33 52.3	5.13		H	126.478 280 13	+07.564 528 89		9.08	−33.74	−9.57	0.90	0.56	0.87	1.12	0.74	+9	+13	−23	−38	−22	−12	−29	+19	+0	+17	0	0.97
41326		08 25 54.98	+17 50 01.1	8.27		H	126.479 064 87	+17.833 636 90		12.75	−85.80	−26.34	0.96	0.59	1.06	1.15	0.76	−19	+38	−28	−10	+0	−21	−8	+19	−7	−8	0	2.73
41327		08 25 55.44	−54 47 31.7	8.60		H	126.480 992 88	−54.792 141 21		1.23	14.94	−5.15	0.71	0.61	0.73	0.95	0.65	+6	+3	+20	+22	+0	−1	+0	−8	+5	+5	6	0.69
41328		08 25 55.60	−14 55 47.1	5.96		H	126.481 652 53	−14.929 755 40		9.79	−10.96	38.68	0.59	0.45	0.72	0.63	0.54	−10	+35	−16	−10	−21	−6	−19	+18	+3	−12	0	−0.70
41329		08 25 56.00	−69 57 05.2	11.46		H	126.483 337 85	−69.951 431 83		2.31	−18.29	10.77	2.00	1.95	2.12	2.39	2.28	−3	+1	+15	−4	−16	+17	−15	+19	+4	−20	2	1.48
41330		08 25 56.44	+55 23 42.3	8.44		H	126.485 176 85	+55.395 080 10		6.12	−45.08	−79.15	0.88	0.73	1.20	1.03	0.79	−4	+20	−19	−31	+4	−8	+4	−33	+13	+36	0	−0.14
41331		08 25 58.33	−39 53 27.9	8.21		H	126.493 023 97	−39.891 074 83		0.12	−5.74	1.31	0.51	0.55	0.70	0.49	0.55	+1	+6	+1	+2	+0	+11	+0	−7	+12	−3	0	−0.16
41332		08 25 58.95	−44 01 20.0	8.34		G	126.495 643 99	−44.022 233 98		2.66	−5.79	7.88	0.62	0.64	0.81	0.79	0.74	+1	+15	+7	+0	+13	+10	+13	−15	+27	−9	2	−1.42
41333		08 25 59.14	+59 42 25.5	8.81		H	126.496 404 63	+59.707 078 89		3.65	8.22	5.21	0.79	0.68	1.02	0.99	0.70	−9	+22	−14	−36	−9	−9	−10	−32	−4	+12	0	0.66
41334		08 25 59.26	+20 11 36.4	8.55		G	126.496 916 05	+20.193 457 33		3.78	−4.23	−0.67	1.09	0.64	1.11	1.24	0.78	−11	+31	−31	−45	+1	−26	−11	−9	−15	−4	0	0.62
41335		08 26 00.61	−32 10 12.2	7.12		H	126.502 559 62	−32.170 044 72		10.10	−60.05	21.63	0.41	0.49	0.72	0.51	0.52	+16	+11	+7	+18	+9	+12	+7	+0	+5	+9	0	−0.49
41336		08 26 01.08	−10 30 59.7	6.58		H	126.504 495 47	−10.516 576 43		10.21	−28.19	−2.83	0.65	0.56	0.80	0.73	0.70	−30	+20	−13	−17	−32	−19	−26	+29	+7	−50	3	0.86
41337		08 26 02.37	+36 58 57.9	7.79		H	126.509 877 01	+36.982 749 37		2.97	−3.86	−25.39	0.96	0.61	1.08	1.20	1.00	−20	+18	−23	−6	−30	−5	−34	+38	+6	−22	0	−0.66
41338		08 26 04.52	−05 31 50.8	8.75		H	126.518 823 21	−05.530 765 21		3.72	10.06	−21.13	1.10	0.80	1.30	1.23	0.97	−17	+36	−32	−27	−8	−29	−24	+42	−20	−5	0	−0.32
41339		08 26 04.74	−19 36 37.6	8.62		H	126.519 755 44	−19.610 439 33		0.86	8.66	−8.69	0.88	0.75	1.19	1.19	0.82	−14	+3	−7	+22	−24	−33	−26	+9	+9	−22	4	−0.01
41340		08 26 05.19	+08 00 35.8	9.16		H	126.521 619 46	+08.009 945 84		6.60	4.81	−35.86	1.30	0.89	1.42	1.48	1.20	−19	−1	−16	−27	−13	−12	−18	+32	−12	−18	0	1.13
41341		08 26 05.39	−11 59 03.2	8.22		H	126.522 445 21	−11.984 233 67		1.24	−9.04	5.72	0.84	0.77	1.10	1.04	1.03	−31	+25	−17	−1	−7	−14	−8	+27	−9	−38	0	1.50
41342		08 26 06.18	+28 37 43.2	7.56		H	126.525 738 43	+28.628 653 33		6.29	−17.11	−34.99	0.96	0.54	1.01	1.10	0.77	−3	+6	−15	−25	+0	−27	−1	+20	−17	−9	0	0.02
41343		08 26 06.27	−08 30 54.3	6.94		G	126.526 117 09	−08.515 075 05		8.74	−47.71	−12.62	0.75	0.59	0.95	0.92	0.75	−16	+37	−26	+10	−9	+6	−12	+26	−10	−5	0	1.18
41344		08 26 06.90	+10 56 33.7	9.10		H	126.528 745 20	+10.942 695 39		6.49	3.11	−194.57	1.41	0.83	1.44	2.03	1.25	−3	+25	−16	−24	−1	−2	−10	+13	+3	+27	0	0.77
41345		08 26 07.08	+00 13 48.4	8.57		H	126.529 502 59	+00.230 109 91		0.29	−7.61	−29.48	0.97	0.75	1.37	1.26	0.96	−12	+8	−27	+30	+18	−19	+10	+50	−18	+1	0	0.27
41346		08 26 07.90	−48 25 55.4	7.51		G	126.532 926 03	−48.432 062 22		7.50	−29.05	59.40	0.54	0.50	0.61	0.69	0.56	+1	+2	+10	+9	−4	+7	−3	−13	+9	+7	0	1.25
41347		08 26 08.51	−40 47 10.6	7.76		H	126.535 437 57	−40.786 272 47		3.62	−0.19	1.78	0.54	0.56	0.69	0.56	0.60	+6	+8	+3	−17	−1	−7	−1	−22	+13	−11	0	0.22
41348		08 26 09.02	+13 33 06.1	8.87		H	126.537 589 66	+13.551 704 27		2.38	4.50	−7.36	1.23	0.65	1.29	1.80	0.86	+4	+12	−22	−40	−8	−33	−16	+1	−20	+9	0	1.38
41349		08 26 09.64	−49 56 29.8	8.96		H	126.540 187 27	−49.941 609 86		2.68	−0.40	13.04	0.80	0.79	0.93	0.92	0.83	+6	−1	+22	−6	−7	−9	−6	−14	−1	+0	0	−0.30
41350		08 26 11.27	−76 36 08.0	8.55		H	126.546 938 23	−76.602 224 40		3.35	−8.21	−9.59	0.75	0.68	0.76	0.92	0.75	+5	+5	+8	−3	−24	+3	−21	−6	+15	−1	0	0.59
41351		08 26 11.91	−05 45 04.1	9.19		G	126.549 632 77	−05.751 131 87		23.31	115.47	−151.33	1.34	0.97	1.72	1.65	1.19	−23	+38	−36	−3	+6	−10	−10	+39	−21	+2	5	−1.43
41352		08 26 11.96	−30 17 08.4	10.94	3	H	126.549 828 60	−30.285 662 03		−3.10	−5.95	6.48	1.53	1.93	2.79	1.73	2.05	+14	−5	+10	+2	+4	+1	+3	−20	−8	+8	2	
41353		08 26 12.62	−57 54 14.6	8.74		H	126.552 591 77	−57.904 066 34		14.58	−44.32	−25.43	0.69	0.66	0.74	0.72	0.72	−9	+5	−5	−7	−2	−9	−3	−12	+7	−13	0	1.70
41354		08 26 12.98	−23 04 01.7	8.13		H	126.554 103 84	−23.067 147 51		1.53	17.21	−22.39	0.68	0.63	1.00	0.80	0.78	−3	+11	−3	+19	+9	−7	+2	−5	−3	−29	0	−1.65
41355		08 26 13.02	−46 14 07.7	9.50		H	126.554 249 29	−46.235 482 16		3.97	−31.73	24.24	0.81	0.72	0.91	0.96	0.74	+0	−7	+16	−16	+8	+9	+6	−11	+6	−10	0	0.37
41356		08 26 13.84	+34 12 28.7	8.63		H	126.557 675 67	+34.207 983 79		4.42	−0.57	−15.26	0.96	0.56	1.14	1.12	0.78	−15	+21	+5	−19	−6	−16	−5	−5	−11	−43	0	0.03
41357	H	08 26 15.88	−42 08 15.0	7.87		G	126.566 186 89	−42.137 492 31	A	−0.14	−5.37	5.27	1.35	1.56	0.98	0.85	0.98	−43	−4	+16	+1	−7	+2	−9	+0	+11	−13	2	−0.04
41358		08 26 16.04	+09 32 35.3	8.03		H	126.566 841 86	+09.543 134 05		1.96	−10.48	8.02	1.12	0.72	1.31	1.33	1.12	−29	+20	−17	−31	+19	−7	+13	+2	−36	−26	5	1.27
41359		08 26 16.96	+36 40 58.0	8.98		H	126.570 662 12	+36.682 767 19		3.85	1.63	−48.49	1.19	0.71	1.26	1.43	1.08	−14	+17	−10	−11	−39	−6	−35	+39	+8	−34	0	−1.01
41360		08 26 17.55	−27 08 41.4	6.99		H	126.573 109 22	−27.144 826 47		18.65	37.24	−68.36	0.41	0.52	0.79	0.48	0.57	+2	+10	−27	−7	−15	+9	−12	−5	+8	−1	0	−0.21
41361	H	08 26 17.74	−39 03 32.3	6.07	2	H	126.573 901 36	−39.058 974 59	A	5.32	−7.92	7.76	0.70	0.80	0.87	0.68	0.77	+5	−2	+2	+8	+5	−2	+3	−12	−9	−9	14	1.88
41362	H	08 26 17.78	+33 09 35.9	10.55		H	126.574 084 59	+33.159 962 03	A	4.42	10.37	2.35	5.44	3.95	4.34	4.79	3.71	−35	+3	−8	+0	−4	−21	−5	+2	+6	−74	0	−0.63
41363		08 26 17.80	−32 56 48.7	7.72		G	126.574 185 30	−32.946 860 34		2.25	−9.40	28.30	0.53	0.58	0.84	0.65	0.60	+10	+13	+7	+10	+17	−2	+15	−2	+7	+9	3	0.95
41364		08 26 17.85	−18 04 15.3	8.08		H	126.574 362 70	−18.070 919 48		1.42	−3.87	1.05	0.83	0.76	1.06	0.90	0.92	−11	+15	−26	−15	−21	−4	−25	+13	−3	−13	2	−1.29
41365		08 26 19.69	+70 07 40.9	7.33		H	126.582 045 10	+70.128 014 68		4.72	−87.52	22.12	0.43	0.53	0.72	0.51	0.67	+34	+5	−7	−13	−17	+12	−18	−10	+5	+48	0	−2.67
41366		08 26 20.13	+02 29 24.7	7.31		H	126.583 862 00	+02.490 186 48		4.40	41.81	−58.95	0.77	0.61	1.01	1.05	0.78	−23	+23	−22	+21	+9	−32	+1	+54	+1	−15	0	0.16
41367		08 26 20.40	+37 32 43.4	8.68		H	126.585 018 75	+37.545 397 65	A	3.78	−14.93	−13.15	2.79	1.74	2.38	3.49	2.59	−4	−1	−3	+1	−9	−18	−19	+32	+11	−4	15	2.57
41368		08 26 21.04	+37 32 50.0	9.99		H	126.587 685 03	+37.547 215 16	B	15.81	−34.81	−10.54	9.66	6.31	6.77	10.00	7.80	+1	−5	−4	−2	−9	−19	−19	+27	+12	−7	15	2.57
41369		08 26 21.60	+47 58 00.6	10.37		H	126.590 019 24	+47.966 840 72		0.42	15.23	−32.44	1.99	1.19	2.11	2.64	1.61	+3	+33	−7	−12	−6	−7	−6	−5	+1	+5	0	0.46
41370		08 26 22.78	−06 28 22.7	8.49		H	126.594 918 51	−06.472 977 25		1.76	−5.14	2.60	0.92	0.82	1.24	1.12	1.03	−19	+8	−25	+3	−17	−42	−31	+46	+2	−23	0	0.37
41371	H	08 26 23.65	−59 26 09.8	8.53		H	126.598 528 00	−59.436 045 88	A	3.03	−20.77	29.49	1.08	1.10	1.05	1.11	1.17	+7	−8	−10	+18	−5	−4	−11	−10	+3	−10	1	−0.02
41372		08 26 24.65	−41 11 14.0	7.85		H	126.602 689 25	−41.187 235 95		2.04	−7.97	3.45	0.51	0.53	0.65	0.57	0.59	+7	−1	+2	−9	−2	+0	−3	−16	+11	−7	1	−1.33
41373		08 26 25.24	−52 48 27.0	6.05		G	126.605 174 31	−52.807 502 15		14.07	−37.95	1.04	0.43	0.38	0.45	0.55	0.41	+11	+12	+9	+12	−5	−6	−2	+10	+8	+9	0	0.50
41374		08 26 27.07	−48 11 05.9	8.31		H	126.612 802 50	−48.184 965 65		1.61	−3.48	15.03	0.72	0.68	0.82	0.90	0.74	−2	+5	+5	+12	+4	+0	+6	−20	+9	+4	0	0.54
41375		08 26 27.23	−03 59 14.3	5.60		H	126.613 452 47	−03.987 299 76		18.83	−34.28	−73.76	0.63	0.59	0.80	0.82	0.69	−34	+16	−24	+5	−8	−27	−19	+50	−21	−18	0	−0.42
41376		08 26 27.64	+42 24 27.5	9.35		H	126.615 184 66	+42.407 625 65		6.89	−21.46	−13.38	1.22	0.70	1.32	1.61	1.02	+9	+32	+4	+2	−5	−5	−5	+9	−3	−7	0	0.14
41377		08 26 27.73	+27 53 37.9	5.58		H	126.615 533 14	+27.893 862 39		8.19	−34.48	−114.89	0.76	0.50	0.84	0.86	0.68	−17	+28	−15	−7	+3	−26	−1	+24	−4	−18	2	0.26
41378		08 26 27.88	+10 04 49.3	8.93		H	126.616 156 98	+10.080 370 66		8.61	−47.45	2.89	1.29	0.77	1.36	1.51	1.09	−7	+29	−25	−30	+3	−25	−6	+14	−11	+1	0	1.53
41379		08 26 29.00	−02 44 17.9	7.58		G	126.620 821 38	−02.738 311 45		4.44	34.62	−47.14	0.76	0.62	1.08	0.94	0.86	−28	+13	−32	−8	+18	−28	+13	+24	−24	−30	0	−0.89
41380		08 26 31.34	+51 54 33.0	9.34		H	126.630 563 51	+51.909 158 82		−0.09	−1.56	−1.93	1.18	0.84	1.25	1.46	1.17	−8	+31	−6	+25	+0	−6	+0	+25	−1	+2	0	0.24
41381		08 26 32.27	−21 33 45.7	8.30		H	126.634 459 15	−21.562 705 56		1.76	−3.42	8.84	0.76	0.77	1.09	0.82	0.93	−37	+21	−15	+14	+2	−7	+0	+6	−1	−54	2	0.61
41382		08 26 32.79	+39 02 57.5	9.06		H	126.636 608 11	+39.049 296 57		9.92	27.30	5.96	1.24	0.70	1.40	1.60	1.03	−3	+34	+9	+7	+0	−3	−6	+0	−11	−28	0	−0.12
41383		08 26 33.51	−48 41 25.4	8.38		H	126.639 633 06	−48.690 401 37		5.74	16.73	−8.84	0.69	0.62	0.75	0.76	0.69	+4	+8	+4	−12	−7	+2	−7	−18	+8	+2	4	−0.13
41384		08 26 33.97	−39 16 23.1	9.49		H	126.641 559 12	−39.273 090 26		4.59	−6.10	12.45	0.69	0.79	0.95	0.72	0.82	−1	+6	+6	−2	+5	+8	+4	−16	−1	−6	0	0.55
41385		08 26 34.29	+71 03 05.7	9.20		H	126.642 880 76	+71.051 570 29		8.28	−21.92	−65.54	0.74	0.81	1.16	0.78	1.05	+20	+4	−7	−20	−6	−2	−11	−2	−8	+40	0	−0.94
41386		08 26 35.71	−49 29 50.0	7.24		H	126.648 808 21	−49.497 233 92		5.00	−10.00	5.47	0.55	0.47	0.58	0.66	0.61	+10	+2	+12	−15	−12	−5	−12	−14	+0	+15	4	0.21
41387		08 26 37.96	−35 59 39.8	10.50	2	H	126.658 157 29	−35.994 378 62		2.05	−0.74	−3.42	1.08	1.08	1.51	1.24	1.23	−2	+0	+12	+10	−5	+15	−8	−1	+5	−13	0	2.21
41388		08 26 38.16	−43 24 31.0	7.79	2	H	126.659 003 79	−43.408 609 49		0.79	−6.09	6.40	0.55	0.60	0.73	0.72	0.70	−6	−6	+10	+0	+12	+18	+4	−27	+21	−16	0	−0.86
41389	H	08 26 39.82	+24 32 03.7	6.51		H	126.665 909 71	+24.534 364 29	A	13.16	−40.37	−81.53	1.47	0.95	1.48	1.70	1.28	−22	+9	−19	+3	+0	+3	+5	+38	−31	−18	4	1.82
41390		08 26 39.87	−30 17 50.1	8.79	2	H	126.666 129 66	−30.297 252 77		0.77	−0.50	1.80	0.64	0.84	1.18	0.66	0.86	+16	−14	+3	+14	−2	+1	−6	−24	−2	+5	0	1.27
41391		08 26 40.51	−42 31 27.0	7.24		H	126.668 788 20	−42.524 176 23		3.34	−17.62	−8.04	0.47	0.51	0.62	0.52	0.61	+14	+3	+16	+8	−7	+7	−11	−15	+19	+2	0	−2.27
*41392	H	08 26 40.69	+81 36 07.1	9.66		H	126.669 540 89	+81.601 982 46	A	2.14	−3.63	−20.49	1.73	1.63	1.93	1.66	1.69	−15	+12	−2	+3	−6	−1	−3	−10	+20	−3	0	0.56
*41393		08 26 40.67	−11 46 29.0	7.78		H	126.669 453 85	−11.774 729 60		1.97	−3.46	−0.01	0.75	0.66	0.97	0.95	0.88	−30	+23	−24	+3	−15	−15	−17	+29	−1	−37	0	1.84
41394		08 26 40.93	+28 03 48.7	8.24		H	126.670 559 30	+28.063 534 80		3.49	−17.01	9.94	0.93	0.57	0.99	1.11	0.79	−2	+18	−13	−2	+9	−26	+7	+21	−5	−2	0	2.14
41395		08 26 42.01	−12 32 04.3	5.52		H	126.675 028 83	−12.534 539 88		12.17	−92.03	−25.69	0.87	0.57	1.02	0.95	0.77	−18	+44	−15	−10	+17	+6	+15	−6	−10	−29	0	1.03
41396		08 26 42.87	−60 39 15.9	8.99		H	126.678 607 61	−60.654 426 68		4.30	7.25	1.96	0.79	0.84	0.87	0.84	1.09	+3	+6	+0	+16	−10	+15	−10	−40	−4	−1	0	1.21
41397		08 26 43.14	+52 11 13.5	10.14		G																							
41398		08 26 43.66	+07 39 02.4	7.04		H	126.681 921 44	+07.650 674 00		5.01	−30.47	−4.03	0.82	0.57	0.94	1.07	0.75	−7	+7	−22	−16	−3	−23	−14	+30	−15	+7	0	1.02
41399		08 26 43.90	−18 50 12.3	8.12		H	126.682 918 48	−18.836 755 03		5.37	−14.63	11.07	0.88	0.78	1.18	1.13	0.75	−2	−7	−40	+3	−38	+3	−34	+5	+1	−8	0	0.09
41400		08 26 43.95	+12 39 17.5	5.56	2	H	126.683 124 45	+12.654 862 52		3.10	−17.37	−103.01	1.05	0.55	1.10	1.20	0.66	+10	−3	−39	−45	−14	+0	−12	+9	−30	+2	0	1.70

No.	Tycho Magnitudes					Colour Indices							Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag			Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags		AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3		44	45	46	47	48	49	50	51	52-4	55	56-7	58-61		62	63	64	65	66	67	68-70
41301	10.300	0.032	9.794	0.030	*	0.486	0.033	T	0.56	0.04	L *		9.7047	0.0021	0.020	115	*	9.67	9.75		D	08256−6714	I 1	2 C A		AB	246	0.932	0.004	0.27	0.02	
41302	10.651	0.046	9.296	0.025		1.163	0.043	T	3.87	0.08	O		8.6824	0.0102	0.065	65		8.58	8.76	38.55	P 1 A			1 S								
41303	7.720	0.008	6.611	0.006		0.956	0.008	T	0.94	0.01	L		6.6686	0.0009	0.005	67		6.66	6.68		C			1								S
41304	9.412	0.017	7.891	0.009		1.278	0.015	T	1.24	0.02	L		7.8997	0.0015	0.012	93		7.88	7.92		C			1								
41305	10.335	0.026	9.986	0.030		0.434	0.005	G	0.50	0.01	H		10.0890	0.0028	0.032	157		10.04	10.14					1								G
41306	8.038	0.010	6.573	0.005		1.234	0.003	G	1.12	0.04	E		6.6006	0.0008	0.007	82		6.59	6.62		C			1								S
41307	3.891	0.003	3.886	0.002		−0.012	0.003	G	−0.02	0.02	A		3.8987	0.0003	0.003	71		3.89	3.91		C			1								S
41308	10.044	0.025	8.943	0.016		0.880	0.015	G	0.92	0.01	H		9.0103	0.0024	0.022	112		8.97	9.05					1								
41309	10.418	0.037	9.717	0.031		0.646	0.039	T	0.71	0.04	L		9.7627	0.0028	0.023	117		9.72	9.80					1								G
41310	9.805	0.022	8.295	0.012		1.270	0.020	T	1.23	0.02	L		8.3128	0.0016	0.014	102		8.29	8.33		C			1								S
41311	10.059	0.031	8.927	0.021		0.974	0.029	T	0.96	0.02	L		8.9788	0.0018	0.012	61		8.94	9.01					1								
41312	5.230	0.003	3.895	0.002		1.132	0.003	T	1.10	0.02	A		3.9319	0.0005	0.005	111		3.93	3.94					1								S
41313	8.658	0.015	7.416	0.009		1.062	0.015	G	1.00	0.01	L		7.4665	0.0017	0.009	69		7.44	7.48		D	08258−0025	I 2	1								S
41314	8.241	0.011	8.220	0.013		0.020	0.015	T	0.04	0.01	L		8.2366	0.0013	0.013	89		8.22	8.25		C			1								S
41315	8.057	0.009	6.687	0.006		1.160	0.008	T	1.12	0.01	L		6.7267	0.0006	0.007	92		6.71	6.74		D			1								S
120004	10.785	0.068	9.922	0.052							T		9.9969	0.0050	0.029	67		9.93	10.06			08258−0025	I 2	1								
41316	9.468	0.026	7.577	0.011		1.571	0.022	T	1.59	0.02	L		7.5121	0.0010	0.012	79		7.50	7.54					1								S
41317	8.616	0.008	7.870	0.006		0.643	0.027	G	0.70	0.02	A		7.9426	0.0013	0.017	239		7.92	7.97					1								S
41318	9.639	0.018	8.266	0.010		1.162	0.016	T	1.12	0.01	L		8.3296	0.0013	0.011	120		8.31	8.35		C			1								
41319	6.616	0.005	6.155	0.004		0.448	0.005	T	0.52	0.01	L		6.2065	0.0005	0.005	67		6.20	6.21		C			1								S
41320	10.433	0.027	8.822	0.012		1.349	0.020	G	1.31	0.02	H		8.8229	0.0018	0.021	225		8.79	8.86					1								
41321	7.172	0.005	6.049	0.003		0.971	0.002	G	0.91	0.04	E		6.1147	0.0010	0.009	118		6.10	6.13					1								S
41322	11.799	0.132	10.403	0.058	*	1.338	0.015	G	1.55	0.02	I *		10.3449	0.0042	0.035	89	*	10.30	10.43			08259−1623	H 1	2 C A		AB	258	0.845	0.026	2.37	0.09	G
41323	5.261	0.002	5.426	0.003		−0.142	0.003	T	−0.14	0.00	L		5.4028	0.0006	0.006	135		5.39	5.41					1								S
41324	11.556	0.088	8.977	0.016		2.122	0.072	T	2.16	0.07	L		8.6925	0.0101	0.105	152		8.51	8.81		R 2 C			1 S								P
41325	6.307	0.005	5.227	0.004		0.934	0.005	T	0.93	0.01	G		5.2929	0.0007	0.005	66		5.28	5.30		C	08259+0734	I 1	1								S
41326	8.963	0.017	8.325	0.015		0.596	0.004	G	0.67	0.00	H		8.3938	0.0014	0.013	66		8.36	8.42					1								S
41327	10.326	0.026	8.793	0.012		1.288	0.023	T	1.25	0.02	L		8.7630	0.0014	0.018	138		8.73	8.80					1 S								
41328	6.165	0.004	5.978	0.005		0.167	0.002	G	0.16	0.03	C		6.0150	0.0006	0.006	89		6.00	6.02					1								S
41329											T		11.5744	0.0051	0.053	94		11.50	11.68					1								G
41330	9.729	0.020	8.558	0.013		1.004	0.019	T	0.98	0.01	L		8.6002	0.0017	0.017	107		8.57	8.64		C			1								
41331	8.153	0.007	8.193	0.009		−0.040	0.015	G	−0.02	0.01	H		8.2003	0.0013	0.017	146		8.16	8.22					1								
41332	8.247	0.008	8.328	0.011		−0.074	0.015	G	−0.05	0.02	H		8.3193	0.0014	0.016	116		8.29	8.34					1								
41333	9.047	0.012	8.827	0.013		0.208	0.012	G	0.23	0.01	H		8.8774	0.0020	0.022	138		8.85	8.92					1								
41334	8.447	0.012	8.512	0.016		−0.062	0.002	G	−0.04	0.00	H		8.5323	0.0016	0.012	65		8.51	8.56		C			1								
41335	7.528	0.006	7.166	0.005		0.360	0.015	G	0.42	0.02	H		7.2074	0.0009	0.011	175		7.19	7.23			08260−3210	I 1	1								S
41336	6.786	0.004	6.602	0.005		0.176	0.006	T	0.19	0.01	L		6.6376	0.0006	0.007	111		6.63	6.65					1								S
41337	9.360	0.017	7.924	0.010		1.212	0.015	T	1.17	0.01	L		7.9568	0.0013	0.014	104		7.93	7.98		C			1								S
41338	10.139	0.037	8.856	0.022		1.092	0.034	T	1.05	0.04	L		8.9190	0.0018	0.012	64		8.89	8.94					1								
41339	10.670	0.048	8.786	0.018		1.565	0.041	T	1.58	0.04	L		8.7397	0.0025	0.018	84		8.71	8.78					1								
41340	9.755	0.025	9.168	0.023		0.548	0.030	T	0.62	0.03	L		9.2762	0.0022	0.016	63		9.24	9.30		D			1								
41341	9.278	0.019	8.305	0.014		0.854	0.018	T	0.87	0.01	L		8.3727	0.0015	0.012	77		8.35	8.40		C			1								
41342	8.985	0.016	7.672	0.010		1.115	0.015	T	1.08	0.02	L		7.7257	0.0016	0.013	77		7.71	7.75					1								S
41343	7.361	0.008	6.977	0.009		0.378	0.015	G	0.44	0.02	H		7.0293	0.0010	0.005	57		7.02	7.05					1								S
41344	10.044	0.034	9.185	0.025		0.769	0.032	T	0.81	0.02	L		9.2511	0.0027	0.019	60		9.22	9.29		C			1								
41345	8.588	0.015	8.564	0.018		0.027	0.022	T	0.04	0.02	L		8.5869	0.0014	0.012	74		8.56	8.60		C			1								
41346	7.900	0.008	7.538	0.008		0.353	0.015	G	0.41	0.02	H		7.5895	0.0016	0.015	133		7.56	7.61					1								S
41347	9.066	0.012	7.871	0.008		1.023	0.011	T	1.00	0.01	L		7.9248	0.0010	0.012	120		7.91	7.94					1								
41348	11.071	0.086	9.069	0.026		1.696	0.074	T	2.00	0.17	O		8.9558	0.0041	0.019	60		8.93	8.99					1								
41349	10.816	0.048	9.110	0.019		1.424	0.041	T	1.41	0.07	L		9.0958	0.0020	0.019	99		9.06	9.13					1								
41350	10.089	0.025	8.688	0.014		1.184	0.022	T	1.14	0.02	L		8.7186	0.0019	0.015	107		8.70	8.75					1								
41351	10.270	0.044	9.399	0.034		0.851	0.002	G	0.89	0.00	H		9.3336	0.0031	0.020	62		9.31	9.37					1								
41352	11.893	0.113	10.865	0.069		0.895	0.099	T	0.90	0.07	L		11.0959	0.0588	0.458	206		10.56	11.66	16.02	P 1 A			1 X								G
41353	9.397	0.016	8.839	0.015		0.527	0.016	T	0.60	0.02	L		8.8597	0.0017	0.016	110		8.84	8.89		C			1								
41354	9.968	0.022	8.273	0.010		1.416	0.019	T	1.40	0.03	L		8.2733	0.0016	0.016	142		8.25	8.30					1								
41355	10.430	0.030	9.586	0.023		0.742	0.029	T	0.79	0.02	L		9.6415	0.0018	0.019	120		9.62	9.68		C			1								G
41356	9.110	0.014	8.658	0.013		0.426	0.018	T	0.49	0.02	L		8.7234	0.0017	0.015	116		8.70	8.75		C			1								S
41357	7.873	0.007	7.889	0.009	*	0.031	0.003	G	0.05	0.00	H *		7.8886	0.0014	0.013	131	*	7.86	7.91			08263−4208	H 1	2 C C		AB	301	0.366	0.054	3.75	0.29	S
41358	9.294	0.020	8.127	0.013		1.001	0.019	T	0.98	0.01	L		8.1918	0.0016	0.009	60		8.17	8.21		C			1								
41359	9.385	0.017	8.999	0.018		0.365	0.023	T	0.43	0.03	L		9.0706	0.0026	0.018	101		9.04	9.10		C			1								
41360	7.509	0.005	7.035	0.005		0.459	0.005	T	0.53	0.01	L		7.0963	0.0008	0.008	167		7.08	7.12		C			1								S
41361	6.016	0.004	6.031	0.005	*	−0.009	0.006	T	0.01	0.01	L *		6.0742	0.0027	0.035	157	*	6.05	6.23		P 1 A	08263−3904	I 1	2 C A		AB	124	8.100	0.002	0.76	0.01	S D
41362	11.216	0.061	10.646	0.056	*	0.533	0.074	T	0.61	0.08	L *		10.6692	0.0032	0.030	124	*	10.60	10.73		D	08263+3310	H 1	2 C A		AB	331	0.401	0.008	0.17	0.05	G
41363	9.278	0.014	7.838	0.008		1.200	0.015	G	1.16	0.02	A		7.8826	0.0016	0.015	162		7.85	7.91					1								
41364	10.185	0.037	8.250	0.014		1.606	0.031	T	1.63	0.03	L		8.1968	0.0023	0.017	78		8.16	8.23					1								
41365	8.496	0.008	7.436	0.005		0.919	0.007	T	0.92	0.01	L		7.4914	0.0009	0.011	197		7.47	7.51		C			1								S
41366	9.006	0.012	7.444	0.006		1.311	0.011	T	1.27	0.01	L		7.4652	0.0012	0.009	96		7.45	7.49					1								S
41367	8.910	0.012	8.702	0.014	A	0.244	0.015	G	0.27	0.02	H		8.7497	0.0056	0.026	94	A	8.72	8.81		D	08263+3733	I 2	1 C P A								S
41368	10.372	0.042	9.911	0.042	B	0.435	0.054	T	0.50	0.06	L		10.1148	0.0174			B				D	08263+3733	I 2	1 C I A								
41369	10.947	0.064	10.465	0.068		0.564	0.072	G	0.64	0.07	R		10.4945	0.0047	0.033	64		10.43	10.53		C			1								G
41370	10.635	0.047	8.675	0.017		1.626	0.040	T	1.65	0.04	L		8.6013	0.0020	0.018	76		8.57	8.63		C			1								
41371	9.199	0.016	8.680	0.015	*	0.497	0.017	T	0.57	0.02	L *		8.6405	0.0016	0.015	113	*	8.62	8.67		D	08264−5926	I 1	2 C A		AB	223	1.067	0.006	1.54	0.03	
41372	7.781	0.007	7.826	0.009		−0.038	0.010	T	−0.02	0.01	L		7.8444	0.0011	0.011	135		7.82	7.86					1								S
41373	6.126	0.003	6.059	0.004		0.062	0.003	G	0.07	0.00	H		6.0803	0.0006	0.005	127		6.07	6.09					1								S
41374	10.369	0.033	8.480	0.013		1.569	0.028	T	1.59	0.03	L		8.4254	0.0016	0.014	116		8.40	8.45		C			1								
41375	5.861	0.005	5.617	0.004		0.218	0.004	G	0.24	0.01	H		5.6670	0.0007	0.006	74		5.66	5.68		D	08265−0359	I 1	1 G								S P
41376	9.851	0.023	9.389	0.023		0.435	0.030	T	0.50	0.03	L		9.4505	0.0019	0.020	85		9.42	9.49		C			1								
41377	7.429	0.007	5.746	0.004		1.421	0.020	G	1.31	0.06	F		5.7290	0.0007	0.007	81		5.72	5.74			08265+2754	I 1	1								S
41378	9.500	0.022	8.973	0.021		0.495	0.027	T	0.57	0.03	L		9.0415	0.0019	0.013	59		9.02	9.06					1								S
41379	9.028	0.015	7.712	0.009		1.109	0.015	G	1.07	0.02	H		7.7486	0.0010	0.009	74		7.74	7.76		C			1								S
41380	9.189	0.018	9.282	0.025		−0.080	0.028	T	−0.06	0.03	L		9.3183	0.0021	0.016	68		9.29	9.35		D			1								
41381	9.937	0.025	8.421	0.013		1.274	0.022	T	1.23	0.02	L		8.4567	0.0011	0.016	108		8.43	8.49					1								
41382	9.667	0.024	9.055	0.021		0.570	0.028	T	0.64	0.03	L		9.1865	0.0026	0.019	87		9.15	9.22		C			1								
41383	9.831	0.020	8.507	0.012		1.124	0.018	T	1.09	0.02	L		8.5477	0.0012	0.015	125		8.53	8.57		C			1								
41384	10.532	0.031	9.580	0.022		0.838	0.028	T	0.86	0.02	L		9.6385	0.0027	0.027	158		9.60	9.69					1								G
41385	9.896	0.019	9.256	0.017		0.594	0.022	T	0.66	0.02	L		9.3283	0.0019	0.024	177		9.29	9.38					1								
41386	7.159	0.005	7.223	0.006		−0.061	0.002	G	−0.04	0.00	H		7.2248	0.0011	0.009	105		7.21	7.24		C			1 G								S
41387	11.066	0.049	10.541	0.048		0.430	0.020	G	0.50	0.02	H		10.5951	0.0039	0.042	155		10.52	10.66		U			1								G
41388	7.887	0.008	7.824	0.009		0.097	0.001	G	0.11	0.00	H		7.8290	0.0034	0.028	116		7.80	7.89		U 2			1								S
41389	6.878	0.007	6.489	0.007	*	0.349	0.004	G	0.41	0.01	R *		6.5910	0.0010	0.008	86	*	6.58	6.61		D	08267+2432	I 1	2 C A		AB	50	5.722	0.003	0.87	0.01	S
41390	11.055	0.042	9.176	0.014		1.561	0.035	T	1.58	0.04	L		8.9033	0.0071	0.082	221		8.77	9.01		U 2			1 S								
41391	7.425	0.006	7.249	0.006		0.140	0.015	G	0.15	0.01	H		7.2878	0.0009	0.008	115		7.27	7.30		C			1								S
41392	11.106	0.056	9.747	0.027	*	1.151	0.049	T	1.11	0.04	L *		9.8288	0.0030	0.030	138	*	9.78	9.89			08267+8136	H 1	2 C A		AB	322	0.681	0.028	2.78	0.15	
41393	8.990	0.014	7.884	0.010		0.954	0.013	T	0.94	0.01	L		7.9424	0.0011	0.010	91		7.93	7.96					1								S
41394	9.362	0.020	8.339	0.014		0.897	0.004	G	0.90	0.00	H		8.3963	0.0015	0.012	79		8.38	8.42		C			1								
41395	7.031	0.007	5.645	0.004		1.167	0.002	G	1.17	0.04	E		5.6825	0.0010	0.007	59		5.67	5.70					1								S
41396	9.558	0.017	9.051	0.016		0.487	0.018	T	0.56	0.02	L		9.1006	0.0019	0.017	110		9.07	9.13		C			1 G								
41397						1.150	0.020	G	1.25	0.04	I											08268+5211	I 2									G
41398	7.047	0.007	7.032	0.008		0.004	0.002	G	0.02	0.00	H		7.0485	0.0009	0.006	56		7.04	7.06					1								S
41399	8.093	0.010	8.100	0.012		−0.005	0.014	T	0.02	0.01	L		8.1330	0.0015	0.015	75		8.10	8.16		C			1								S
41400	7.600	0.010	5.759	0.011		1.608	0.002	G	2.39	0.02	G		5.5917	0.0084	0.054	58		5.50	5.71		U 2			1 S								S P

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
41401		08 26 44.92	+43 56 59.6	11.61		G	126.687 153 75	+43.949 891 73		8.26	−117.03	−122.24	5.73	3.66	7.41	6.93	4.44	−20	+31	−38	−10	−23	+38	−14	−3	−14	−23	0	
41402		08 26 45.68	−48 57 22.3	7.36		H	126.690 350 30	−48.956 200 14		5.70	−10.90	−3.16	0.50	0.47	0.56	0.56	0.51	+3	−11	+8	−7	−8	+8	−9	−15	+6	+3	0	0.85
41403		08 26 46.52	−14 03 29.3	9.02		H	126.693 841 85	−14.058 131 53		0.70	−0.06	−1.37	1.02	0.95	1.35	1.23	1.16	−19	+32	−31	−2	−29	+9	−28	+40	−8	−13	2	0.64
*41404	H	08 26 47.08	+26 56 07.7	6.30	1	G	126.696 148 59	+26.935 485 70	A	11.78	−9.57	1.27	1.09	0.72	1.06	1.06	0.86	−12	+13	+0	−15	−7	−21	−3	+16	−14	−26	1	0.60
*41405		08 26 47.02	+52 10 55.3	9.73		G																							
*41406		08 26 47.08	+39 53 32.1	7.08		H	126.696 145 99	+39.892 252 90		2.30	11.39	−16.06	0.85	0.50	0.90	1.12	0.64	−14	+25	−11	−4	−8	−1	−9	+1	−5	−17	0	−0.93
41407		08 26 47.19	+48 28 55.8	8.80		H	126.696 611 90	+48.482 175 58		4.16	−16.79	−75.27	1.28	0.81	1.43	2.05	1.12	+17	+19	−15	−4	−10	+13	−8	−4	+0	+25	0	0.42
41408		08 26 47.24	−55 21 46.5	7.40		H	126.696 832 25	−55.362 915 68		6.72	−15.90	6.00	0.50	0.46	0.54	0.60	0.47	+6	−4	+12	+5	+2	+17	+0	−1	+8	+6	0	−0.62
41409		08 26 48.11	−18 10 23.3	7.44		H	126.700 465 53	−18.173 145 01		6.22	−8.54	−13.39	0.70	0.62	0.92	0.76	0.68	−10	+15	−30	−6	−26	−2	−28	+13	+2	−11	0	0.59
41410		08 26 48.78	−34 35 50.2	7.92		H	126.703 255 32	−34.597 269 40		3.15	−9.29	5.38	0.51	0.57	0.74	0.57	0.58	+2	−1	+9	+9	−2	+10	−3	−11	+5	−2	0	0.68
41411		08 26 49.17	+39 00 47.1	8.82		H	126.704 863 43	+39.013 086 22		11.47	26.88	5.47	1.19	0.63	1.32	1.52	1.03	−7	+35	+1	+5	−3	−3	−6	+13	−11	−21	2	0.24
41412		08 26 50.39	−23 48 30.1	8.12		H	126.709 964 87	−23.808 369 13		0.65	0.17	−3.26	0.56	0.65	1.03	0.78	0.79	−12	+12	−4	−2	+15	−1	+11	−5	−10	−33	0	0.49
41413		08 26 50.77	−29 12 56.3	6.73		H	126.711 530 36	−29.215 649 43		2.91	−12.01	6.22	0.30	0.40	0.62	0.33	0.39	+28	+1	+6	+10	+12	+12	+11	−19	+7	+33	1	−1.11
41414	H	08 26 51.68	+64 51 10.0	8.47		H	126.715 312 77	+64.852 773 73	A	2.85	−10.41	−18.85	1.39	1.35	1.86	1.49	1.51	+27	+19	+17	+29	+11	+3	+14	+24	+12	+49	2	−0.92
41415		08 26 51.70	−26 55 01.9	8.68		H	126.715 433 14	−26.917 183 77		6.85	−37.55	−33.93	0.70	0.75	1.05	0.77	0.85	−3	+4	−15	+15	−12	+3	−13	+1	+13	−15	0	1.37
41416		08 26 51.85	−58 35 28.3	9.62		H	126.716 059 87	−58.591 191 51		4.97	−31.45	11.21	0.80	0.91	0.93	0.98	1.01	+3	+8	+2	−4	−7	+12	−7	−26	+7	−3	0	0.25
41417		08 26 52.00	−01 12 56.0	7.61		G	126.716 661 81	−01.215 554 78		4.53	−8.60	2.48	0.83	0.69	1.06	1.17	0.97	−26	+11	−16	+26	+11	−14	+7	+41	−18	−24	0	−1.42
41418		08 26 53.01	−22 53 19.0	10.20		G	126.720 862 40	−22.888 615 48		10.72	75.31	−182.69	2.61	2.41	3.78	2.99	2.87	−5	+4	−10	+25	+14	+1	+7	−7	+8	−30	1	
41419		08 26 53.42	−12 45 42.5	10.75		G	126.722 579 60	−12.761 796 70		11.89	273.88	−219.03	2.18	1.74	2.76	2.54	2.31	−36	+35	−30	−26	+3	+3	+3	−1	−14	−46	2	0.98
41420		08 26 54.88	−39 24 46.5	8.18		H	126.728 677 89	−39.412 917 98		0.55	−4.68	3.32	0.49	0.54	0.67	0.53	0.55	+4	+7	+6	+13	+4	+14	+4	−17	+5	+5	0	0.49
41421		08 26 54.89	+14 49 24.8	8.57		H	126.728 703 92	+14.823 563 23		4.08	−16.76	5.17	1.11	0.62	1.19	1.27	0.76	−4	+6	−17	−31	−5	−25	−4	−1	−11	−22	0	1.15
41422		08 26 56.28	−51 29 54.2	8.44		H	126.734 487 11	−51.498 396 57		2.95	−29.81	28.13	0.64	0.61	0.72	0.72	0.63	+0	+8	+5	−4	−8	−8	−6	−6	+10	−5	0	−1.03
41423	H	08 26 56.50	+32 11 48.3	9.08		H	126.735 406 31	+32.196 760 04	A	15.43	−37.59	−122.09	2.90	1.82	3.01	3.19	2.22	−24	+15	−5	−6	−1	+21	−3	−10	−24	−79	0	0.33
41424		08 26 56.57	−36 40 50.9	7.83		H	126.735 711 16	−36.680 804 01		1.70	−1.95	5.74	0.51	0.57	0.70	0.55	0.64	+0	+0	+7	−8	−4	+6	−5	−8	−2	−16	0	−0.21
41425		08 26 57.63	−00 20 30.6	9.95		H	126.740 116 53	−00.341 839 96		21.11	−214.74	−36.33	1.47	1.23	1.95	1.83	1.56	−33	+30	−21	+27	−5	−15	−14	+58	−17	−23	0	−1.43
41426	H	08 26 57.83	−52 42 17.4	6.49		G	126.740 973 65	−52.704 840 71	*	18.49	−92.33	−45.15	0.67	0.97	0.52	0.65	0.59	+18	+11	+10	−12	+3	−2	+10	+4	+12	−8	2	0.62
41427		08 26 58.76	+49 33 55.4	7.84		H	126.744 814 02	+49.565 391 57		2.74	−8.70	−36.37	0.87	0.63	0.97	1.37	0.87	+6	+11	−11	+3	−16	+8	−11	−8	+16	+6	0	0.40
41428		08 26 58.90	+01 35 33.2	9.58		H	126.745 435 90	+01.592 554 79		3.01	−0.16	5.02	1.48	1.14	1.89	1.93	1.47	−14	+30	−22	+27	+12	−16	+6	+51	−5	−5	0	−1.62
41429		08 26 59.49	+53 37 45.4	7.90		G	126.747 869 10	+53.629 276 20		7.66	−13.16	−55.28	0.96	0.67	0.92	1.37	0.99	+20	+15	−9	+52	+31	−5	+34	+32	−5	+37	0	−0.28
41430		08 27 00.04	+07 13 16.1	7.12		H	126.750 165 58	+07.221 140 58		6.53	−17.72	−3.17	0.89	0.57	0.93	1.16	0.75	+1	+30	−16	−14	−9	−3	−14	+25	−4	+17	0	−0.31
41431		08 27 00.90	+21 57 24.5	10.89		G	126.753 740 26	+21.956 803 72		20.60	−1.00	22.71	2.60	1.39	2.59	3.03	2.08	−16	+7	−22	−43	−7	−11	−6	+17	−12	−28	0	1.06
41432		08 27 01.13	+67 17 10.6	7.51		H	126.754 703 18	+67.286 278 21		5.21	20.73	14.12	0.38	0.51	0.81	0.43	0.63	+50	+17	+17	−9	−6	+3	−7	+4	+2	+53	1	−1.17
41433	H	08 27 01.95	−09 24 28.3	8.79	2	H	126.758 127 96	−09.407 858 22	*	0.19	−2.14	−0.82	2.78	3.44	2.10	1.78	1.65	−4	+27	−21	−16	−21	+3	−22	+18	−17	−42	1	−0.27
41434		08 27 02.32	+43 51 29.8	8.50		H	126.759 661 91	+43.858 272 21		1.94	−30.15	−41.72	1.29	0.74	1.51	1.67	0.92	−19	+37	−29	−3	−27	+26	−21	+11	−4	−10	0	1.47
41435		08 27 02.49	+23 21 54.2	8.94		H	126.760 391 55	+23.365 047 26		13.95	−10.94	14.50	1.21	0.73	1.52	1.53	1.21	−1	−19	−27	+14	+26	−43	+29	+19	−39	+0	0	0.59
41436		08 27 03.47	−37 56 34.0	7.81		H	126.764 470 51	−37.942 767 31		3.94	−27.47	36.51	0.50	0.56	0.70	0.52	0.56	−3	−4	+11	+3	+7	+14	+5	−18	−1	−9	0	−0.62
41437		08 27 03.94	+03 30 52.9	10.02	2	H	126.766 412 60	+03.514 691 60		2.92	6.88	−63.68	1.56	1.11	1.90	1.87	1.46	−27	+44	−16	+23	−5	−1	−7	+57	−2	−19	0	−0.06
41438		08 27 04.17	−32 11 00.5	6.80		H	126.767 392 75	−32.183 463 37		3.57	−13.91	1.39	0.40	0.49	0.71	0.49	0.49	+17	+12	+10	+17	+12	+11	+9	−8	+1	+15	1	1.70
41439		08 27 04.82	−50 43 35.2	9.06		H	126.770 083 16	−50.726 438 33		2.16	−3.52	7.29	0.80	0.73	0.87	0.87	0.80	+6	+9	+5	−20	−5	−13	−3	−10	+6	−6	0	1.69
41440		08 27 04.94	+19 15 13.7	8.33	2	H	126.770 576 17	+19.253 800 94		6.32	−14.23	−41.34	0.88	0.59	0.99	1.08	0.74	−14	+17	−36	−32	+10	−31	−4	+5	−13	−2	2	−0.54
41441		08 27 05.41	−15 38 33.6	7.46		H	126.772 527 77	−15.642 668 68		1.88	12.39	2.99	0.66	0.57	0.86	0.76	0.63	−17	+22	−26	−8	−18	−11	−17	+5	+12	−22	2	0.20
41442		08 27 07.04	−51 33 12.4	8.94		H	126.779 351 53	−51.553 445 16		2.42	−6.37	6.70	0.79	0.66	0.85	0.90	0.68	−2	+17	+4	−6	−8	−15	−3	−2	+19	−8	0	1.45
41443		08 27 11.59	+28 55 51.1	9.63		G	126.798 289 42	+28.930 860 90		32.71	−234.07	229.11	1.27	0.73	1.42	1.71	1.09	−9	+20	−29	−27	+8	−39	−5	+13	−7	−3	0	0.53
41444		08 27 12.12	−36 39 13.9	8.78		G	126.800 482 42	−36.653 856 75		1.17	−3.83	6.23	0.60	0.67	0.85	0.64	0.70	−5	+10	+5	+6	−9	+7	−11	−6	−6	−16	2	−1.55
41445		08 27 13.65	−33 27 24.7	9.02		H	126.806 864 79	−33.456 853 36		7.73	29.50	−82.49	0.69	0.80	1.12	0.74	0.80	+1	+7	+3	+4	+13	+16	+13	−4	+4	+6	0	0.02
41446		08 27 13.79	−03 26 28.2	9.11		G	126.807 460 64	−03.441 163 38		2.41	−2.57	−0.03	1.01	0.88	1.33	1.28	1.11	−28	+6	−26	+9	+13	−27	+7	+28	−20	−24	4	0.30
41447		08 27 15.12	+25 43 31.0	9.74		H	126.813 014 11	+25.725 278 21		5.64	−28.80	−12.19	1.23	0.79	1.37	1.59	1.11	−10	+10	−17	−3	+9	−25	+3	+18	−14	+0	0	0.05
41448		08 27 15.68	−03 31 31.8	7.87		H	126.815 351 32	−03.525 494 67		2.60	−5.41	2.19	0.76	0.64	1.02	1.02	0.88	−25	+11	−24	+7	+13	−28	+8	+31	−19	−24	0	0.66
41449		08 27 16.43	−31 40 21.8	6.33		G	126.818 473 79	−31.672 723 66		4.76	−22.65	−4.34	0.38	0.45	0.65	0.47	0.49	+9	+1	+11	+8	+14	+19	+10	−4	−7	−2	0	0.40
41450		08 27 16.68	−62 05 15.5	9.28		G	126.819 483 28	−62.087 626 02		4.44	−9.00	6.31	0.89	0.89	0.96	1.01	0.92	+3	+3	+6	−5	−4	+0	−7	−31	+12	−15	5	0.04
41451		08 27 16.79	−70 05 36.9	5.51		G	126.819 948 13	−70.093 595 17		11.43	−18.51	46.57	0.47	0.44	0.49	0.58	0.58	−9	+4	+4	+11	−19	+22	−18	+26	−14	−32	0	1.72
41452		08 27 17.29	−06 24 34.7	6.61		H	126.822 041 99	−06.409 634 38		9.56	−36.49	−33.04	0.65	0.59	0.86	0.75	0.70	−22	+8	−30	−1	−17	−32	−31	+48	−2	−19	0	−0.72
41453		08 27 18.39	−77 43 45.6	8.39		H	126.826 619 20	−77.729 322 03		3.28	−19.67	36.95	0.59	0.56	0.63	0.63	0.61	+1	+13	+8	+11	−7	+6	−6	+2	+13	−8	0	0.64
41454		08 27 18.76	+35 49 02.4	8.15		H	126.828 178 70	+35.817 345 84		9.15	−67.27	−30.94	0.94	0.57	1.07	1.31	0.80	−19	−4	−8	−12	−27	−23	−26	+23	+12	−32	0	0.01
41455		08 27 18.80	+49 55 20.0	8.94		H	126.828 320 64	+49.922 225 30		4.84	−18.21	−39.53	1.12	0.79	1.23	1.64	1.11	+9	+12	−10	−5	−4	+18	−1	+2	+19	+24	0	0.86
41456		08 27 19.49	−54 03 03.2	8.52		H	126.831 203 76	−54.050 890 60		4.26	−14.48	15.80	0.59	0.56	0.65	0.73	0.60	+7	+13	+16	+7	+2	−6	+3	+9	+3	+0	1	−1.40
*41457	H	08 27 19.64	+38 01 33.4	9.63	2	H	126.831 840 96	+38.025 931 00	A	2.32	−3.76	−39.21	4.58	2.13	3.57	6.71	3.30	−16	+32	−5	−9	−10	+5	−14	+22	−16	−6	2	0.56
*41458	H	08 27 19.61	−51 53 30.6	9.23		H	126.831 717 16	−51.891 835 89	A	7.11	−49.48	−15.58	2.31	3.30	2.66	2.59	3.16	−1	+13	+35	−14	+1	−13	+9	+2	−2	−6	3	0.12
41459		08 27 20.33	−45 06 21.8	8.86		H	126.834 716 40	−45.106 045 62		3.22	−9.06	1.63	0.61	0.69	0.79	0.76	0.79	+3	+2	+5	−11	+6	−1	+7	−5	−8	−14	0	−0.34
41460		08 27 25.69	+23 09 07.7	8.06		H	126.857 028 81	+23.152 141 67	A	18.93	−21.50	−12.93	47.95	31.39	4.29	8.21	4.03	+2	−13	−34	+16	+35	−27	+33	+21	−43	+29	18	0.27
41461		08 27 25.72	+59 24 07.9	8.60		H	126.857 184 62	+59.402 200 36		10.56	−44.04	−106.31	0.75	0.70	1.08	0.98	0.75	−2	+7	−17	−37	−8	−9	−9	−34	−2	+22	0	−0.27
41462		08 27 26.21	+23 08 43.8	9.79		H	126.859 201 73	+23.145 502 37	B	18.10	−12.38	−5.88	12.90	7.26	8.01	14.42	7.77	+3	−16	−31	+18	+34	−27	+31	+27	−33	+31	18	0.27
41463		08 27 26.88	−14 56 06.8	6.68		H	126.861 982 46	−14.935 215 48		3.04	−15.20	0.65	0.60	0.46	0.75	0.61	0.48	−3	+31	−22	−16	−26	−4	−22	+4	+6	−12	0	1.36
41464		08 27 27.56	−55 00 40.5	6.52		H	126.864 834 35	−55.011 240 06		6.01	−8.07	10.60	0.44	0.40	0.48	0.50	0.40	+12	−7	+13	+7	−1	+16	−4	−1	+10	+12	0	−1.20
41465		08 27 28.59	−28 17 06.6	8.09		H	126.869 126 92	−28.285 167 56		3.08	−8.54	7.64	0.43	0.51	0.87	0.47	0.53	+19	+13	+0	−22	+9	−7	+6	−9	−4	+31	2	−0.87
41466		08 27 30.03	−44 37 14.7	8.28		H	126.875 121 30	−44.620 754 96		−0.19	−3.56	2.97	0.62	0.64	0.78	0.72	0.71	−5	+3	+14	−5	−1	−9	−1	−11	+8	−23	0	−0.21
41467		08 27 30.44	+80 29 58.7	9.57		H	126.876 829 71	+80.499 630 92		3.28	−4.65	5.29	0.76	0.71	0.97	0.87	0.87	−8	+23	+1	+13	−8	−1	−2	−21	−8	+13	0	−2.13
41468		08 27 31.33	+58 11 16.0	8.05		H	126.880 527 35	+58.187 767 64		5.74	9.37	−9.46	0.64	0.56	1.06	0.89	0.70	−23	+37	−22	−34	−5	−8	−3	−30	+18	+38	1	−0.45
41469		08 27 31.37	+26 50 46.4	8.92		H	126.880 715 67	+26.846 226 47		5.04	6.41	−10.67	1.01	0.65	1.13	1.18	0.86	−16	+20	−23	−20	+4	−29	−4	+17	−4	−10	0	1.21
41470		08 27 31.47	+11 15 13.6	9.12		H	126.881 134 38	+11.253 764 46		0.51	−10.35	−2.68	1.35	0.78	1.44	1.89	1.19	−12	+22	−14	−24	−4	+12	−11	+21	−3	+9	0	0.92
41471		08 27 31.49	+00 49 41.9	7.57		G	126.881 194 58	+00.828 297 37		11.42	105.34	54.54	1.27	0.83	1.24	4.65	2.88	+20	+36	−20	+13	+9	+1	+10	+23	−1	+20	0	−1.18
41472		08 27 31.55	+41 01 13.8	10.52		H	126.881 477 57	+41.020 494 54		5.85	−39.37	−35.84	1.57	0.99	1.73	1.97	1.29	−5	+22	−20	−14	−9	+0	−11	−4	−14	−19	0	0.46
41473		08 27 32.00	+11 58 55.5	9.42		H	126.883 347 73	+11.982 076 51		−0.91	−1.57	−5.39	1.56	0.98	1.60	1.92	1.38	−1	+8	−38	−47	−24	+2	−29	+21	−27	+0	0	1.35
41474		08 27 33.18	+12 46 39.1	8.38		H	126.888 245 77	+12.777 514 28		0.28	−18.96	24.94	1.25	0.69	1.23	1.45	1.03	+8	−9	−25	−38	−17	−14	−18	+28	−16	−3	0	1.29
41475	H	08 27 33.27	−20 50 38.1	6.57	1	H	126.888 611 61	−20.843 921 21	A	4.51	12.20	−15.12	1.06	1.00	1.00	0.96	0.78	+3	+8	−32	+1	−22	+17	−14	−8	+18	+11	3	−0.86
41476		08 27 33.37	−25 04 49.8	8.34		H	126.889 061 08	−25.080 487 00		2.41	−9.12	−0.77	0.62	0.57	0.87	0.67	0.64	−12	+7	−16	+23	+11	+7	+5	−14	+4	−33	0	0.53
41477		08 27 33.55	−30 38 21.5	8.65		H	126.889 806 72	−30.639 307 57		13.58	−34.84	31.66	0.53	0.73	1.01	0.63	0.77	+11	−3	+1	+12	+6	+5	+5	−9	−5	+6	2	−0.57
41478		08 27 33.88	−75 21 31.8	6.81		H	126.891 173 71	−75.358 840 22		8.42	−33.88	64.60	0.51	0.44	0.52	0.56	0.47	+0	+15	+12	+20	−9	+13	−7	+7	+17	−1	0	−1.92
41479		08 27 35.20	−05 08 54.4	7.17		H	126.896 664 28	−05.148 440 45		23.89	−125.04	−79.90	0.90	0.68	1.01	1.02	0.87	−17	+35	−26	−21	−24	−27	−36	+52	−26	−11	3	−0.91
41480		08 27 35.81	+56 43 18.6	8.21		H	126.899 201 83	+56.721 839 03		11.39	−14.44	0.85	0.74	0.65	1.05	0.88	0.68	−9	+22	−18	−11	+11	+5	+22	−35	+28	+41	0	−1.37
41481		08 27 35.97	+58 42 24.4	10.57		H	126.899 863 76	+58.706 778 91		5.07	−5.56	2.40	1.18	1.15	1.79	1.65	1.31	−27	+24	−24	−29	−5	+2	−3	−31	−4	+0	1	2.52
41482		08 27 35.99	+30 33 00.1	8.18		G	126.899 949 00	+30.550 026 33		8.21	14.29	−3.33	0.86	0.50	1.01	1.00	0.65	−29	+27	−16	−3	−20	−9	−15	+17	+16	−34	0	−1.38
41483		08 27 36.65	−53 05 18.7	5.08		H	126.902 711 56	−53.088 539 76		16.01	−67.63	24.72	0.39	0.36	0.42	0.49	0.39	+13	+15	+8	+1	−5	−1	−2	+7	+14	+11	0	0.02
41484		08 27 36.80	+45 39 13.8	6.32		H	126.903 338 80	+45.653 841 11		45.89	−18.98	−351.48	0.80	0.48	0.84	1.14	0.66	−7	+29	−17	+8	−7	−10	−7	+7	+2	+1	0	−0.04
41485		08 27 37.73	−31 59 36.8	7.21		H	126.907 211 92	−31.993 559 47		2.41	0.54	7.85	0.44	0.53	0.80	0.54	0.59	+16	+8	+8	+16	+9	+14	+6	+1	−1	+8	0	−1.13
41486		08 27 38.82	−50 32 33.3	9.02		G	126.911 736 25	−50.542 574 21		2.04	−8.06	8.49	0.70	0.65	0.78	0.78	0.71	+4	+4	+4	−12	−1	−9	+0	−8	+10	−4	0	0.49
41487	H	08 27 39.05	+27 33 42.5	8.38		H	126.912 695 42	+27.561 814 69	A	7.66	−2.55	−2.01	2.00	1.20	1.86	2.16	1.61	−8	+17	−11	−2	+13	−22	+13	+24	+9	+3	3	−0.30
41488		08 27 40.18	+67 58 27.1	8.12	1	H	126.917 423 07	+67.974 199 42		7.55	−60.46	−37.49	0.39	0.55	0.87	0.41	0.64	+47	+11	+3	−16	−11	+4	−12	+18	+4	+46	1	−0.22
41489	H	08 27 40.81	−04 24 53.2	6.83		H	126.920 059 99	−04.414 781 88	*	8.22	26.29	−40.83	0.70	0.61	0.87	0.86	0.79	−23	+13	−14	+8	−18	−22	−21	+50	−15	−26	0	0.43
41490		08 27 41.02	+32 01 33.5	9.56		H	126.920 928 77	+32.025 983 26		3.40	−2.66	−6.76	1.11	0.67	1.45	1.39	0.98	−48	+33	−4	−1	−18	+8	−19	+8	−14	−80	0	−0.99
41491		08 27 42.49	−33 22 58.9	7.93		H	126.927 044 38	−33.383 014 43		3.61	−12.24	−1.04	0.54	0.62	0.87	0.62	0.66	+12	+4	+2	+8	+14	+18	+12	−3	−1	+6	0	−0.36
41492		08 27 43.70	+15 53 17.2	8.80		H	126.932 089 11	+15.888 114 82		3.91	4.11	−3.67	1.29	0.66	1.31	1.79	0.80	−1	+17	−29	−24	−4	+4	−3	−1	−7	+2	0	−0.93
41493		08 27 44.47	+50 54 24.8	8.56		H	126.935 293 27	+50.906 886 47		7.85	−24.03	−22.51	1.03	0.71	1.12	1.31	1.00	+8	+30	−2	+11	+10	−7	+8	+11	−7	+23	2	1.68
41494		08 27 44.72	+51 05 21.9	9.18		H	126.936 331 38	+51.089 419 11		0.71	7.77	1.11	1.34	0.93	1.46	1.75	1.41	−2	+26	+22	+10	−10	−5	−7	+23	+12	−8	0	−0.26
41495		08 27 46.02	−07 13 13.3	7.55		H	126.941 750 82	−07.220 359 29		3.03	−5.46	2.86	0.79	0.65	0.95	0.96	0.83	−12	+16	−22	−17	−19	−23	−26	+31	−2	−10	0	0.73
41496		08 27 46.49	−24 53 29.3	7.32		H	126.943 700 14	−24.891 473 24		4.45	−22.87	−18.00	0.54	0.50	0.79	0.60	0.56	−9	+7	−12	+20	+10	+4	+5	−10	+4	−30	3	−0.08
41497		08 27 46.84	−13 35 36.2	7.88		H	126.945 154 95	−13.593 383 46		1.00	−2.88	−6.72	0.78	0.74	1.01	0.95	0.83	−36	+28	−31	+21	−20	−4	−20	+25	+1	−29	0	1.20
41498		08 27 47.58	−47 40 27.2	8.41		H	126.948 249 89	−47.674 220 83		1.72	−5.84	7.67	0.64	0.59	0.73	0.85	0.65	+4	+4	+2	+7	+14	−4	+13	−14	+12	+6	0	0.48
41499		08 27 50.30	−08 05 08.2	8.76		H	126.959 568 25	−08.085 604 78		1.93	4.95	−2.08	1.07	0.74	1.20	1.48	1.00	+0	+20	−22	−3	−15	+15	−12	+28	−2	+3	0	1.07
41500		08 27 50.43	+44 39 44.7	9.80		G	126.960 129 98	+44.662 424 22		19.82	−93.58	57.33	1.46	0.97	1.61	2.00	1.26	−15	+19	−23	+7	+1	+6	+3	−5	+6	−9	0	0.81

No.	Tycho Magnitudes					Colour Indices					Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag	Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
41401						1.138	0.010	G	1.23	0.01	I	11.8384	0.0079	0.064	73		11.71	11.91					1 X							G
41402	7.310	0.006	7.337	0.006		−0.022	0.007	T	0.00	0.01	L	7.3603	0.0008	0.010	121		7.34	7.37					1							S
41403	10.196	0.035	9.147	0.023		0.911	0.032	T	0.91	0.02	L	9.1796	0.0022	0.019	94		9.16	9.22		C			1 S							
41404	6.416	0.006	6.189	0.006	A	0.187	0.013	G	0.21	0.01	L *	5.5350	0.0015	0.010	91	*	5.52	5.55		U 2	08268+2656	I 1	2 C A	AB	218	5.162	0.002	0.05	0.01	S
41405						1.060	0.015	G	1.12	0.02	I										08268+5211	I 2								G
41406	8.575	0.010	7.197	0.006		1.166	0.009	T	1.13	0.01	L	7.2445	0.0010	0.010	95		7.23	7.26		C			1							S
41407	9.605	0.024	8.890	0.020		0.657	0.025	T	0.72	0.02	L	8.9370	0.0025	0.018	67		8.90	8.97		C			1							S
41408	7.454	0.006	7.399	0.007		0.050	0.008	T	0.06	0.01	L	7.4225	0.0010	0.010	124		7.41	7.44					1							S
41409	7.606	0.009	7.460	0.011		0.140	0.013	T	0.15	0.01	L	7.4935	0.0013	0.010	78		7.48	7.51		C			1							S
41410	8.422	0.010	7.982	0.009		0.415	0.012	T	0.48	0.01	L	8.0137	0.0013	0.015	164		7.99	8.04					1							S
41411	9.418	0.020	8.868	0.019		0.515	0.025	T	0.59	0.03	L	8.9359	0.0018	0.014	82		8.91	8.97					1							S
41412	9.509	0.014	8.317	0.009		1.021	0.013	T	0.99	0.01	L	8.2617	0.0016	0.018	169		8.22	8.29		R			1 S							S
41413	6.682	0.002	6.719	0.003		−0.031	0.003	T	−0.01	0.00	L	6.7276	0.0006	0.008	281		6.72	6.75					1							S
41414	9.759	0.020	8.622	0.013	A	0.707	0.126	G	0.94	0.03	L *	8.6291	0.0021	0.020	126	*	8.60	8.67		C	08269+6451	H 1	2 C A	AB	134	3.127	0.021	2.93	0.13	S
41415	9.324	0.018	8.721	0.017		0.561	0.018	T	0.63	0.02	L	8.8059	0.0026	0.022	127		8.77	8.85					1							
41416	10.088	0.025	9.652	0.026		0.425	0.029	T	0.49	0.03	L	9.7145	0.0025	0.023	124		9.68	9.75					1							G
41417	9.071	0.016	7.719	0.010		1.130	0.015	G	1.09	0.02	H	7.7706	0.0011	0.007	70		7.76	7.79					1							S
41418	11.237	0.056	10.258	0.037		0.830	0.020	G	0.87	0.02	H	10.3481	0.0031	0.029	130		10.30	10.40		C	08268−2253	I 1	1 X							G
41419						1.216	0.015	G	1.36	0.03	I	11.1975	0.0087	0.048	63		11.11	11.26					1							G
41420	8.122	0.007	8.169	0.009		−0.025	0.007	G	0.00	0.01	H	8.1755	0.0013	0.013	151		8.15	8.20					1							
41421	10.104	0.032	8.682	0.017		1.170	0.015	G	1.13	0.01	H	8.7356	0.0021	0.014	65		8.71	8.75		C			1							
41422	8.499	0.013	8.449	0.016		0.045	0.018	T	0.06	0.01	L	8.4656	0.0016	0.017	122		8.44	8.49		C			1							
41423	10.175	0.026	9.234	0.018	*	0.817	0.025	T	0.86	0.03	L *	9.2157	0.0023	0.021	146	*	9.18	9.26		D	08269+3212	I 1	2 C A	AB	306	0.673	0.007	0.78	0.02	
41424	9.821	0.019	7.978	0.008		1.533	0.016	T	1.58	0.04	L	7.9454	0.0014	0.015	155		7.92	7.97					1							
41425	11.340	0.084	10.083	0.046		1.010	0.015	G	1.05	0.02	I	10.0899	0.0033	0.019	64		10.06	10.12		C			1							G
41426	6.982	0.004	6.537	0.005	*	0.419	0.009	G	0.49	0.01	H *	6.5822	0.0008	0.008	123	*	6.57	6.59		D	08270−5242	I 1	2 C A	AB	113	0.177	0.004	0.87	0.13	S
41427	9.961	0.032	8.049	0.013		1.587	0.027	T	1.61	0.03	L	7.9556	0.0023	0.015	74		7.93	7.98					1							S
41428	10.829	0.048	9.760	0.031		0.926	0.043	T	0.92	0.03	L	9.7435	0.0031	0.024	91		9.69	9.80		C			1							
41429	8.179	0.011	7.896	0.011		0.249	0.013	G	0.28	0.02	H	7.9587	0.0014	0.010	68		7.94	7.98					1							S
41430	7.362	0.008	7.149	0.010		0.203	0.012	T	0.22	0.01	L	7.1882	0.0012	0.006	53		7.18	7.20		C			1							S
41431						1.380	0.010	G	1.51	0.15	K	10.9355	0.0047	0.040	58		10.86	10.99		C			1							G
41432	8.848	0.007	7.617	0.004		1.051	0.006	T	1.02	0.01	L	7.6812	0.0009	0.013	335		7.66	7.71					1							S
41433	11.028	0.056	9.028	0.018	*	1.586	0.197	G	1.59	0.22	R *	8.9072	0.0040	0.032	92	*	8.85	8.95		U	08270−0924	H 1	2 C C	AB	269	0.268	0.092	3.11	0.63	
41434	9.979	0.027	8.605	0.015		1.163	0.024	T	1.12	0.02	L	8.6657	0.0012	0.013	72		8.64	8.70		D			1							
41435	9.577	0.024	9.006	0.023		0.534	0.030	T	0.61	0.03	L	9.0577	0.0019	0.012	68		9.04	9.11					1							
41436	9.410	0.014	7.951	0.008		1.230	0.013	T	1.19	0.01	L	7.9766	0.0013	0.012	160		7.96	8.00		C			1							
41437	10.770	0.058	10.070	0.051		0.645	0.063	T	0.71	0.06	L	10.1516	0.0276	0.147	67		10.00	10.37	0.33	P 1 A			1							G
41438	7.712	0.006	6.883	0.005		0.747	0.006	T	0.79	0.00	L	6.9435	0.0011	0.011	170		6.93	6.97					1							S
41439	11.055	0.053	9.247	0.018		1.505	0.044	T	1.53	0.07	L	9.1851	0.0022	0.020	124		9.15	9.22			08271−5044	I 1	1 S							
41440	8.722	0.014	8.365	0.014		0.374	0.015	G	0.44	0.02	H	8.4208	0.0036	0.031	70		8.36	8.46		U 2			1							S
41441	9.540	0.019	7.639	0.008		1.579	0.016	T	1.60	0.02	L	7.5734	0.0014	0.013	104		7.55	7.60					1							
41442	9.044	0.019	8.979	0.023		0.065	0.028	T	0.07	0.03	L	8.9717	0.0018	0.017	116		8.95	9.00		C			1							
41443	11.184	0.080	9.705	0.033		1.109	0.014	G	1.19	0.02	I	9.7404	0.0024	0.017	76		9.70	9.76		C			1							
41444	8.902	0.010	8.766	0.012		0.162	0.002	G	0.18	0.00	H	8.8362	0.0018	0.017	150		8.81	8.87					1							
41445	9.785	0.018	9.087	0.016		0.631	0.018	T	0.70	0.02	L	9.1490	0.0018	0.019	147		9.11	9.18		C			1							
41446	9.679	0.029	9.165	0.028		0.460	0.020	G	0.53	0.02	H	9.2034	0.0028	0.015	75		9.18	9.23		C			1							
41447	10.492	0.039	9.764	0.031		0.668	0.040	T	0.73	0.03	L	9.8778	0.0025	0.019	82		9.84	9.92		C			1							
41448	7.947	0.009	7.889	0.013		0.058	0.015	T	0.07	0.01	L	7.8920	0.0011	0.009	72		7.88	7.91					1							
41449	7.458	0.005	6.428	0.004		0.897	0.003	G	0.88	0.04	E	6.4884	0.0009	0.009	162		6.47	6.50					1							S
41450	10.778	0.043	9.411	0.022		1.150	0.015	G	1.13	0.02	A	9.4277	0.0026	0.021	99		9.39	9.46					1							
41451	5.488	0.002	5.510	0.003		−0.024	0.002	G	0.00	0.00	H	5.5168	0.0007	0.005	108		5.51	5.52					1							S
41452	7.214	0.006	6.655	0.006		0.523	0.008	T	0.60	0.01	L	6.7191	0.0010	0.010	76		6.70	6.74					1							S
41453	8.630	0.012	8.417	0.013		0.197	0.017	T	0.22	0.02	L	8.4520	0.0015	0.014	125		8.43	8.48		C			1							
41454	8.847	0.012	8.214	0.011		0.588	0.014	T	0.66	0.01	L	8.2740	0.0017	0.012	110		8.25	8.30		C			1							S
41455	9.524	0.024	8.985	0.022		0.505	0.029	T	0.58	0.03	L	9.0495	0.0020	0.017	66		9.02	9.09		D			1							
41456	8.513	0.009	8.509	0.011		0.005	0.012	T	0.03	0.01	L	8.5307	0.0019	0.016	135		8.50	8.55		C			1							
41457	10.291	0.036	9.796	0.037	*	0.466	0.047	T	0.54	0.05	L *	9.7349	0.0034	0.025	83	*	9.69	9.81		U 2	08273+3802	H 1	2 C A	AB	84	0.828	0.007	0.22	0.02	
41458	10.056	0.037	9.375	0.032	*	0.618	0.037	T	0.69	0.03	L *	9.3570	0.0029	0.024	112	*	9.32	9.40		D	08273−5153	I 1	2 C A	AS	192	0.672	0.004	0.39	0.02	
41459	8.935	0.012	8.841	0.015		0.085	0.017	T	0.10	0.02	L	8.8914	0.0017	0.018	124		8.86	8.92		C			1							
41460	8.146	0.012	8.065	0.014	A	0.080	0.017	T	0.09	0.02	L	8.0974	0.0290	0.017	73	A	8.06	8.13		D	08274+2309	I 2	1 C P B							S G
41461	9.325	0.013	8.661	0.011		0.615	0.014	T	0.68	0.01	L	8.7279	0.0019	0.023	145		8.69	8.76					1							S
41462	9.821	0.030	9.598	0.037	B	0.213	0.045	T	0.24	0.05	L	9.7320	0.0985			B				D	08274+2309	I 2	1 C I B							
41463	6.467	0.004	6.644	0.006		−0.153	0.006	T	−0.15	0.01	L	6.6212	0.0013	0.009	96		6.61	6.64					1							S
41464	6.505	0.003	6.518	0.004		−0.010	0.003	G	0.01	0.00	H	6.5293	0.0008	0.007	127		6.52	6.54		C	08275−5501	I 1	1 S							S
41465	9.358	0.010	8.200	0.007		0.994	0.010	T	0.97	0.01	L	8.2529	0.0010	0.014	258		8.22	8.28					1							
41466	8.283	0.011	8.236	0.014		0.016	0.015	G	0.01	0.01	L	8.2847	0.0017	0.016	117		8.26	8.31		C			1							
41467	9.951	0.021	9.586	0.023		0.346	0.029	T	0.41	0.04	L	9.6538	0.0023	0.025	123		9.61	9.71					1							
41468	9.242	0.012	8.162	0.008		0.934	0.011	T	0.93	0.01	L	8.2124	0.0015	0.017	179		8.19	8.24					1							
41469	10.396	0.032	9.064	0.018		1.130	0.029	T	1.09	0.03	L	9.0884	0.0014	0.012	88		9.06	9.11					1							
41470	10.231	0.040	9.218	0.027		0.884	0.036	T	0.89	0.03	L	9.2816	0.0023	0.017	56		9.25	9.30		C			1							
41471	8.314	0.011	7.655	0.011		0.619	0.015	G	0.69	0.01	H	7.6951	0.0015	0.010	79		7.68	7.71		C			1 G							S
41472	11.173	0.065	10.589	0.060		0.545	0.078	T	0.62	0.07	L	10.6350	0.0033	0.035	97		10.58	10.68		C			1							G
41473	11.907	0.179	9.620	0.035		1.887	0.146	T	1.92	0.15	L	9.5087	0.0034	0.018	58		9.49	9.55		C			1							
41474	9.670	0.024	8.484	0.015		1.020	0.015	G	0.99	0.01	H	8.5432	0.0026	0.014	62		8.52	8.56					1							
41475	6.632	0.005	6.585	0.006	*	0.043	0.007	T	0.06	0.01	L *	6.5961	0.0011	0.008	79	*	6.58	6.62		P 1 A	08276−2051	I 1	2 C A	AB	215	0.418	0.005	1.79	0.02	S P
41476	8.519	0.009	8.358	0.011		0.155	0.013	T	0.17	0.01	L	8.3954	0.0013	0.013	131		8.37	8.42					1							S
41477	9.335	0.012	8.734	0.011		0.560	0.012	T	0.63	0.01	L	8.7761	0.0017	0.023	237		8.73	8.82					1							
41478	6.958	0.004	6.828	0.005		0.118	0.006	T	0.13	0.01	L	6.8541	0.0009	0.008	107		6.84	6.87					1							S
41479	7.951	0.011	7.250	0.008		0.646	0.011	T	0.71	0.01	L	7.3087	0.0008	0.007	70		7.30	7.32					1							S
41480	8.699	0.011	8.255	0.010		0.419	0.014	T	0.49	0.01	L	8.3008	0.0016	0.016	119		8.28	8.33					1							S
41481	11.112	0.049	10.582	0.050		0.497	0.063	T	0.57	0.07	L	10.6808	0.0039	0.039	153		10.60	10.74					1 S							G
41482	8.624	0.012	8.222	0.012		0.411	0.015	G	0.48	0.02	H	8.2720	0.0013	0.014	111		8.25	8.29		C			1							S
41483	5.392	0.002	5.109	0.002		0.256	0.001	G	0.29	0.00	H	5.1527	0.0007	0.007	128		5.14	5.16					1							S P
41484	7.085	0.005	6.393	0.005		0.624	0.004	G	0.69	0.00	H	6.4517	0.0005	0.006	81		6.44	6.46		C			1							S
41485	8.887	0.011	7.349	0.006		1.292	0.010	T	1.25	0.01	L	7.3712	0.0010	0.011	180		7.35	7.39					1							S
41486	9.120	0.013	9.031	0.016		0.101	0.015	G	0.11	0.02	H	9.0582	0.0016	0.017	122		9.03	9.09					1							
41487	8.786	0.020	8.408	0.021	*	0.358	0.027	T	0.42	0.03	L *	8.4650	0.0015	0.011	84	*	8.45	8.49		R	08276+2734	I 1	2 C A	AB	352	9.062	0.004	0.90	0.02	S
41488	8.483	0.005	8.151	0.005		0.344	0.004	G	0.40	0.01	H	8.2053	0.0016	0.027	353		8.16	8.24	0.82	P 1 A			1							S
41489	7.250	0.007	6.864	0.008	*	0.365	0.010	T	0.43	0.01	L *	6.9176	0.0007	0.008	74	*	6.91	6.93		D	08277−0425	I 1	2 C S A	AB	171	0.158	0.004	0.44	0.20	S
41490	10.011	0.020	9.597	0.020		0.391	0.026	T	0.46	0.03	L	9.6474	0.0017	0.020	168		9.62	9.69		C			1							
41491	9.158	0.012	8.051	0.008		0.955	0.011	T	0.94	0.01	L	8.0969	0.0015	0.015	153		8.07	8.12		C			1							
41492	9.997	0.036	8.909	0.023		0.910	0.015	G	0.91	0.01	H	8.9619	0.0017	0.014	55		8.94	8.99		C			1							
41493	8.910	0.017	8.604	0.018		0.315	0.004	G	0.36	0.01	H	8.6367	0.0020	0.016	56		8.61	8.67		C			1							
41494	9.603	0.027	9.223	0.028		0.360	0.036	T	0.42	0.04	L	9.2601	0.0020	0.020	58		9.22	9.29		D			1							S
41495	9.587	0.022	7.712	0.010		1.558	0.019	T	1.58	0.02	L	7.6663	0.0013	0.010	67		7.65	7.68		C			1							
41496	8.933	0.011	7.451	0.006		1.248	0.010	T	1.21	0.01	L	7.4811	0.0008	0.010	138		7.46	7.50					1							
41497	9.781	0.025	8.068	0.012		1.430	0.022	T	1.42	0.04	L	8.0208	0.0019	0.013	83		8.00	8.05		C			1							
41498	8.324	0.012	8.400	0.016		−0.065	0.017	T	−0.04	0.02	L	8.3947	0.0015	0.013	116		8.37	8.42					1							
41499	10.634	0.049	8.898	0.020		1.448	0.042	T	1.45	0.07	L	8.8911	0.0022	0.014	57		8.87	8.91		C			1							
41500	10.959	0.052	9.943	0.035		0.882	0.006	G	0.93	0.01	H	9.9321	0.0029	0.021	74		9.90	9.97		C			1							

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
41501		08 27 50.49	−50 06 00.1	7.68	2	T	126.960 370 72	−50.100 038 66		0.66	−5.49	7.30	0.58	0.51	0.62	0.67	0.56	+6	−4	+11	+5	−6	+0	−7	−8	−4	−5	0	−0.51
41502		08 27 52.27	+36 07 31.0	7.97		H	126.967 773 44	+36.125 285 62		2.43	−13.28	−10.12	0.82	0.52	0.89	1.01	0.73	−14	+11	−16	−18	−31	−3	−27	+22	+5	−34	0	0.12
41503		08 27 53.19	−18 41 03.1	11.99	2	G	126.971 629 41	−18.684 204 57		28.26	−193.71	−30.27	2.88	2.50	3.87	3.84	2.46	−6	−9	−37	−11	−24	+8	−19	−6	+9	−11	0	−0.45
41504	H	08 27 53.71	−26 07 58.6	6.60		H	126.973 776 47	−26.132 944 57	*	9.89	−41.82	−4.73	0.98	0.79	0.79	0.59	0.61	+7	−8	−21	+7	+7	+11	+4	−11	−5	−23	3	0.51
41505		08 27 53.85	+18 04 07.8	7.94		G	126.974 368 22	+18.068 837 85		6.86	4.22	−19.07	0.89	0.55	0.97	0.96	0.67	−19	+34	−28	−19	+3	−25	−3	+9	+0	−18	5	0.14
41506		08 27 55.21	+15 05 56.4	8.50		H	126.980 038 86	+15.099 008 45		4.76	−6.88	−4.29	1.11	0.63	1.23	1.20	0.73	−7	+9	−23	−34	+0	−20	−4	−5	−21	−18	3	1.80
41507		08 27 55.27	+53 27 26.2	7.33		H	126.980 299 73	+53.457 275 40		3.03	−13.20	−14.23	0.83	0.55	0.88	1.15	0.86	+1	+32	−5	+24	+3	+8	+6	+15	+5	+19	0	0.43
41508	H	08 27 55.63	+03 13 06.9	6.96		H	126.981 773 39	+03.218 578 62	A	1.93	−19.65	−6.84	1.10	0.88	1.25	1.15	0.91	−32	+48	−37	+28	+21	−11	+7	+51	−10	+3	1	−0.66
41509		08 27 56.17	+04 49 17.3	7.91		H	126.984 023 82	+04.821 462 19		2.68	−11.84	−10.70	0.97	0.65	1.06	1.33	0.83	+6	+19	−30	+20	+22	−29	+9	+45	−20	+26	0	−0.98
41510		08 27 56.48	+65 52 51.5	9.20		H	126.985 325 89	+65.880 965 56		2.43	−1.32	−0.72	1.02	0.96	1.36	1.15	1.33	+0	+11	+4	+43	−5	+4	−8	+18	−22	+1	6	2.33
41511		08 27 56.60	+57 11 35.4	9.48		H	126.985 831 58	+57.193 167 77		2.73	−12.13	−6.69	1.13	0.96	1.53	1.37	1.05	−2	+20	−25	−31	+7	+2	+8	−31	+32	+42	0	1.30
41512	H	08 27 57.14	+63 07 14.7	9.93		H	126.988 083 64	+63.120 749 46	A	3.56	−10.24	−17.78	1.74	1.43	2.20	1.54	1.55	+6	+17	+7	+14	−16	+4	−18	+4	−11	+30	0	0.68
41513		08 27 58.15	+22 06 07.6	9.65		H	126.992 305 82	+22.102 105 48		7.38	−22.85	−13.32	2.85	1.10	1.95	4.39	1.53	+18	−16	−39	−81	−32	+21	−48	−20	+15	+47	0	0.93
41514		08 27 59.33	+41 42 56.0	8.42		H	126.997 199 66	+41.715 546 33		7.36	−35.15	−42.44	0.96	0.59	1.04	1.20	0.78	−10	+17	−13	−17	−8	−4	−8	+1	−7	−20	0	−0.62
41515	H	08 27 59.43	−35 06 49.6	5.75	2	H	126.997 606 75	−35.113 788 22	*	3.26	−6.91	11.03	0.37	0.41	0.53	0.40	0.40	+5	−8	+7	+4	+1	+5	−1	−18	+7	+1	1	1.21
41516		08 28 00.60	+00 47 09.2	8.79		H	127.002 496 47	+00.785 880 99		0.57	−6.78	1.45	1.13	0.97	1.40	1.58	1.35	−28	+6	−6	+22	−16	−16	−15	+58	+12	−32	0	−0.59
41517	H	08 28 01.28	−41 14 43.6	7.67		H	127.005 346 50	−41.245 431 35	A	2.74	−7.91	7.20	0.74	0.79	0.85	0.76	0.78	−1	−1	+2	−5	+3	+11	+2	−21	+8	−10	2	0.36
41518		08 28 02.62	+11 42 23.2	7.24		H	127.010 924 55	+11.706 444 18		3.77	−4.08	−7.04	1.11	0.65	1.16	1.30	0.90	−10	+21	−35	−37	−15	−8	−29	+33	−22	+6	0	2.52
41519	H	08 28 04.13	+35 53 30.7	6.89		H	127.017 188 41	+35.891 849 15	*	9.81	−50.62	−16.22	0.74	0.49	0.84	1.00	0.62	−22	+16	−27	−7	−36	+0	−31	+22	−4	−37	0	0.95
41520		08 28 04.33	−51 14 07.5	8.14		H	127.018 054 41	−51.235 428 65		4.32	−14.72	2.26	0.58	0.54	0.64	0.66	0.59	+5	+9	+6	+2	−12	−5	−11	−3	+6	−1	0	−0.35
*41521		08 28 05.94	+33 44 19.3	9.03		H	127.024 759 00	+33.738 693 12		5.74	−33.13	−16.38	1.03	0.71	1.25	1.26	0.88	−36	+9	−8	−16	+6	−4	+4	−20	−8	−58	0	−0.23
*41522		08 28 05.88	−27 00 00.6	8.12		H	127.024 495 67	−27.000 178 81		13.64	−11.93	95.20	0.57	0.61	0.96	0.70	0.69	−3	+6	−17	+1	−10	−8	−10	+8	+6	−19	0	−1.86
41523		08 28 05.98	+73 01 22.9	9.66		H	127.024 899 72	+73.023 017 68		3.21	9.64	4.49	0.88	1.06	1.40	1.03	1.38	+10	+19	−23	+17	+5	+2	+13	−4	−8	+48	0	0.18
41524		08 28 07.15	+21 08 55.7	6.87		H	127.029 788 10	+21.148 808 03		4.57	5.78	−135.70	1.34	0.85	1.37	2.22	1.22	−23	+42	−52	−61	+17	−47	+1	−38	+22	−32	0	0.14
41525		08 28 07.18	+46 14 55.9	6.97		H	127.029 915 26	+46.248 861 52		5.04	−37.37	−31.99	0.84	0.51	0.90	1.32	0.72	+2	+22	−18	+7	−5	−9	−6	+10	+2	+16	2	0.45
41526		08 28 08.98	+47 18 08.3	7.98		G	127.037 396 24	+47.302 302 54		22.29	−11.19	−45.78	0.96	0.64	1.02	1.29	0.85	−19	+29	−10	+23	−2	−9	−3	+14	−2	−12	0	1.37
41527		08 28 10.73	−52 45 37.8	8.72		H	127.044 701 07	−52.760 491 83		3.64	−0.31	−4.28	0.65	0.62	0.73	0.82	0.64	−2	+13	+10	−6	−1	−4	+0	+1	+4	−4	0	−1.15
41528		08 28 11.87	−84 05 23.2	8.55		G	127.049 442 95	−84.089 763 95		4.51	5.72	−16.46	0.71	0.67	0.75	0.85	0.84	+4	+9	−2	+25	−1	+11	−4	−12	+4	−2	1	−0.01
41529		08 28 12.04	−36 43 23.2	8.39		H	127.050 178 05	−36.723 122 72		25.04	−82.76	54.88	0.56	0.67	0.85	0.60	0.75	−2	+5	+18	+0	−10	+3	−10	+6	+1	−19	1	−1.53
41530		08 28 12.07	+35 57 16.6	8.55		H	127.050 305 47	+35.954 614 39		6.54	−10.59	−52.04	0.98	0.64	1.10	1.29	0.84	−27	+18	−27	−8	−33	−6	−32	+27	−1	−39	0	0.23
41531		08 28 12.22	−37 43 48.9	8.83		H	127.050 897 81	−37.730 259 32		1.99	−14.15	6.84	0.56	0.71	0.86	0.60	0.71	−4	−7	+23	+5	+5	+16	+1	−5	−7	−12	1	−1.24
41532		08 28 12.25	+07 08 49.9	7.68		H	127.051 059 29	+07.147 187 34		4.32	4.92	−15.48	0.94	0.60	0.96	1.24	0.81	+5	+28	−16	−9	−9	−7	−14	+25	−7	+18	0	−0.11
41533		08 28 12.44	−41 50 04.3	9.06		H	127.051 816 27	−41.834 521 45		1.88	−6.48	5.60	0.68	0.76	0.93	0.81	0.84	+1	−5	+13	−9	−1	+17	−5	−20	+17	−5	0	−2.08
41534		08 28 12.75	−27 33 53.1	7.51		H	127.053 128 25	−27.564 745 68		0.57	−5.66	3.81	0.38	0.51	0.76	0.45	0.56	−2	+12	−21	−20	−12	+7	−8	+2	+1	−6	0	0.35
41535		08 28 13.51	−27 15 28.4	9.38	2	H	127.056 273 80	−27.257 902 21		−0.21	−3.97	3.54	0.67	0.91	1.29	0.77	0.97	−6	+14	−26	−9	−13	+3	−12	+10	−10	−9	1	0.52
41536		08 28 14.06	+58 44 40.9	8.84		H	127.058 572 03	+58.744 705 31		2.60	−6.05	−17.00	0.77	0.72	1.20	1.09	0.87	−28	+27	−21	−25	−7	+0	−3	−27	+8	+5	1	0.70
41537		08 28 14.48	−42 13 49.6	7.56	1	H	127.060 346 28	−42.230 454 17		2.27	−0.19	32.20	0.51	0.55	0.67	0.56	0.62	+14	+2	+14	+6	−6	+9	−10	−19	+20	+5	1	−0.84
41538		08 28 14.56	+00 14 38.4	7.30		G	127.060 678 56	+00.244 012 42		5.63	−11.38	−28.21	0.88	0.65	1.14	1.14	0.81	−6	+19	−23	+23	+16	−31	+8	+49	−7	+2	5	0.23
41539		08 28 15.77	−51 46 13.4	7.45		H	127.065 690 40	−51.770 398 52		2.44	−9.23	4.31	0.51	0.48	0.58	0.58	0.50	+6	+19	+14	+4	+0	−11	+3	+4	+10	−3	0	−1.79
41540		08 28 16.10	−63 37 54.8	9.15		H	127.067 097 40	−63.631 876 77		3.80	15.23	−33.47	0.68	0.68	0.79	0.65	0.68	−7	+17	+18	−40	−10	−26	+0	−19	+10	−42	2	1.16
41541		08 28 16.51	−22 58 52.6	9.25	2	H	127.068 800 21	−22.981 270 30		0.61	−6.58	3.45	0.79	0.79	1.21	0.92	0.92	−13	+10	−13	+4	+10	+6	+6	−10	−7	−37	0	−0.01
41542		08 28 16.96	−14 35 14.8	8.35		H	127.070 654 22	−14.587 436 31		17.79	−104.81	−162.98	0.77	0.62	1.02	0.83	0.65	−21	+39	−28	−2	−18	+0	−16	+6	−1	−27	0	−0.09
41543		08 28 17.27	−44 31 25.8	9.60		H	127.071 978 63	−44.523 840 39	A	2.76	−0.84	12.80	2.36	2.46	2.24	2.50	2.44	+2	+10	+9	−5	+7	−11	+6	−18	+8	−18	3	1.73
41544		08 28 18.40	+56 36 06.2	7.73		H	127.076 686 48	+56.601 735 18		12.98	106.14	−105.15	0.67	0.55	0.87	0.78	0.60	−6	+21	−10	−31	+2	+2	+4	−32	+11	+26	2	−1.10
41545		08 28 18.69	−44 31 19.9	12.29		H	127.077 895 25	−44.522 206 97	B	−4.38	16.57	−1.48	52.50	49.36	24.77	36.18	35.17	−1	+10	+11	−3	+5	−12	+3	−15	+12	−23	3	1.73
41546		08 28 19.31	−35 10 01.9	7.62		H	127.080 453 40	−35.167 195 42		1.51	−8.49	10.39	0.49	0.58	0.77	0.52	0.55	+7	+8	+20	+8	−1	+18	−6	−17	+5	−1	0	−0.30
41547		08 28 19.78	−08 48 58.3	6.43		G	127.082 414 84	−08.816 180 99		3.84	15.32	−40.77	0.75	0.54	0.88	0.99	0.72	+0	+27	−25	+29	+10	+1	+8	+39	−5	+15	0	1.53
41548		08 28 20.52	+33 41 07.2	7.15		H	127.085 500 23	+33.685 328 75		4.02	2.10	−15.01	0.75	0.48	0.91	0.88	0.60	−30	+12	+0	−19	+0	−3	−2	−15	−11	−58	3	0.87
41549		08 28 20.73	+49 41 14.7	7.42		G	127.086 364 36	+49.687 429 01		9.16	−58.09	−45.05	0.81	0.54	0.87	1.22	0.70	+6	+9	−15	−1	−5	+15	−2	+3	+10	+20	0	0.99
41550		08 28 21.25	+06 42 02.6	7.37		G	127.088 559 44	+06.700 710 94		1.32	−3.04	−0.84	1.01	0.58	0.99	1.30	0.81	+12	+27	−15	−28	−14	−6	−20	+14	−13	+21	0	−0.07
41551		08 28 21.62	+54 41 30.9	8.58		H	127.090 101 25	+54.691 902 87		1.30	−9.92	−7.12	0.99	0.76	1.27	1.06	0.80	−28	+22	−23	−57	+6	+4	−3	−30	+14	+12	0	1.08
*41552		08 28 22.38	+37 00 43.5	7.68		H	127.093 266 71	+37.012 089 55		3.71	38.02	−22.72	0.85	0.52	0.92	1.03	0.74	−10	+19	−11	−18	−28	−5	−23	+17	+7	−30	0	−0.22
*41553		08 28 22.37	+47 45 14.1	9.15		H	127.093 228 65	+47.753 914 33		1.80	5.56	2.02	1.33	0.87	1.50	1.75	1.24	−10	+34	−8	+5	+12	+7	+8	−9	−12	−10	0	0.71
41554	H	08 28 22.85	+35 01 02.1	10.76		H	127.095 210 21	+35.017 254 79	A	51.13	−1014.26	−328.95	10.94	5.15	6.64	9.18	4.77	−10	+14	−5	−32	−6	−23	−25	+17	−20	+6	10	−0.21
41555		08 28 23.20	−04 17 08.7	7.95		G	127.096 685 04	−04.285 741 20		9.43	−31.41	−15.25	0.83	0.67	0.99	1.00	0.87	−19	+13	−11	−12	−8	−26	−8	+33	−11	−26	0	−0.71
41556		08 28 23.22	+38 06 00.7	9.34		H	127.096 763 01	+38.100 207 43		3.61	−0.40	−15.78	1.15	0.66	1.33	1.50	1.14	−14	+31	−8	−1	+0	−11	−1	+18	−5	−16	0	1.24
*41557		08 28 23.86	−56 02 28.1	8.47		H	127.099 427 65	−56.041 150 56		2.15	−5.03	4.24	0.62	0.62	0.69	0.69	0.66	+2	−5	+13	+5	+6	+8	+5	+3	−2	−1	0	0.49
*41558		08 28 23.83	−13 33 18.0	7.93		G	127.099 285 81	−13.554 999 55		5.92	−24.29	−8.58	0.80	0.70	1.05	0.96	0.80	−38	+39	−35	+12	−10	−2	−12	+12	−3	−36	0	−0.35
41559		08 28 24.52	−46 57 18.6	8.18		H	127.102 148 95	−46.955 169 25		1.89	−4.80	6.42	0.61	0.55	0.69	0.76	0.59	+7	+4	+10	−3	+10	+0	+9	−7	+13	−4	0	−0.37
41560		08 28 25.67	+16 50 35.9	10.39		H	127.106 941 87	+16.843 309 20		3.96	14.15	−42.42	2.28	1.31	2.46	2.53	1.55	−16	+26	−22	−39	−2	−36	−8	−6	−4	−30	4	0.16
41561		08 28 25.95	+16 51 09.1	9.20		H	127.108 138 83	+16.852 525 35		−1.63	−5.15	−1.64	1.53	0.88	1.63	1.70	1.10	−16	+32	−27	−35	+4	−27	−6	+0	−13	−17	0	2.86
41562		08 28 27.20	−14 59 03.8	8.39		H	127.113 332 57	−14.984 399 42		2.90	−16.66	−2.57	0.73	0.64	0.98	0.81	0.67	−4	+19	−30	−17	−29	+0	−26	+8	+4	−11	2	0.18
41563		08 28 28.50	−17 23 41.3	8.83		H	127.118 766 39	−17.394 798 08		9.49	−33.37	−25.95	0.88	0.90	1.28	0.92	0.96	−20	+34	−30	−6	−18	−11	−22	+5	−4	−24	0	0.59
41564		08 28 29.16	−02 31 01.6	6.42	2	H	127.121 492 99	−02.517 100 24		11.73	−10.34	−10.59	0.66	0.53	0.94	0.82	0.72	−22	+6	−16	−3	+9	−31	+8	+29	−23	−22	2	2.28
41565		08 28 30.84	−74 57 17.5	8.92		H	127.128 497 45	−74.954 860 33		2.99	−17.72	18.83	0.86	0.71	0.87	0.87	0.77	+3	+21	−5	−1	−4	−4	+0	−11	+26	−5	0	−0.09
41566		08 28 31.89	−47 26 21.2	8.65		G	127.132 863 50	−47.439 234 22		4.85	−23.45	37.80	0.75	0.68	0.84	0.93	0.77	+3	+10	+2	−7	+15	−3	+14	−16	+8	−1	1	−1.12
41567	H	08 28 32.26	−39 05 33.1	8.28		G	127.134 404 05	−39.092 526 43	A	3.46	−7.48	33.78	1.36	1.26	1.05	0.78	0.90	+2	−3	+6	+4	+2	+19	+4	−5	−10	−14	0	0.13
41568		08 28 33.05	+61 08 29.7	8.41		H	127.137 693 59	+61.141 578 37		3.62	−7.29	−27.15	0.67	0.73	1.09	0.68	0.82	−22	+26	−6	+51	+8	+12	+4	−21	−4	−29	0	0.75
41569		08 28 33.13	+06 57 54.2	7.15		H	127.138 036 48	+06.965 057 03		13.57	67.24	−78.90	0.96	0.57	0.99	1.24	0.79	+3	+34	−17	−14	−5	−18	−14	+27	−9	+21	0	−0.48
41570		08 28 33.49	−51 32 19.1	8.58		H	127.139 541 52	−51.538 629 36		6.53	−29.85	57.28	0.65	0.57	0.70	0.74	0.64	+8	+16	+12	−6	−6	−14	−2	+7	+6	−5	0	0.40
41571		08 28 34.60	+47 42 14.3	8.95		H	127.144 154 46	+47.703 982 24		3.31	31.38	20.73	1.27	0.82	1.42	1.66	1.19	−11	+34	−5	−3	+10	+9	+7	−11	−9	−13	0	1.32
*41572		08 28 36.06	−23 04 15.5	6.50		H	127.150 240 49	−23.070 986 06		6.28	−30.13	1.96	0.48	0.45	0.71	0.58	0.49	−2	+16	−15	+20	+9	−6	+4	+5	−2	−16	0	−0.51
*41573		08 28 36.04	+01 14 51.1	7.40		H	127.150 153 03	+01.247 530 49		22.26	−46.10	−16.73	0.88	0.69	1.07	1.30	0.92	−3	+4	−20	+41	+17	−33	+10	+58	+1	+1	0	−0.26
41574		08 28 36.80	+24 08 42.2	6.05	1	H	127.153 351 53	+24.145 050 62		12.01	−39.17	−47.96	1.26	0.80	1.43	2.66	2.02	−46	+69	−62	−71	+52	−72	+43	−49	+40	−70	0	−0.33
*41575		08 28 37.02	−58 22 11.4	7.82		H	127.154 237 06	−58.369 821 99		3.63	−6.44	11.29	0.52	0.59	0.60	0.59	0.62	+7	+7	+5	−3	−7	+1	−7	−28	+11	+1	0	−0.70
*41576		08 28 36.97	−41 10 27.5	7.52		H	127.154 042 89	−41.174 302 06		3.67	−7.78	14.86	0.48	0.52	0.62	0.54	0.54	+5	−5	+6	−9	+1	+6	−2	−31	+16	−3	0	0.36
41577		08 28 37.16	−68 37 00.5	8.00		H	127.154 853 60	−68.616 817 90		7.37	−28.34	−1.69	0.65	0.63	0.71	0.83	0.76	−3	+16	−9	+6	+2	−23	−1	+24	−12	−7	3	1.31
41578		08 28 37.35	+14 12 39.1	5.94		G	127.155 615 52	+14.210 854 16		10.60	−13.81	−13.08	0.93	0.53	1.05	1.11	0.68	−6	+1	−26	−39	+3	−29	−2	+4	−25	−8	3	1.34
41579		08 28 39.55	−55 58 01.2	9.57		H	127.164 799 48	−55.966 999 79		11.93	−4.49	−40.48	0.93	0.87	0.99	1.07	0.96	+2	−2	+6	+8	+10	+2	+9	+0	−7	+5	3	−1.13
41580	H	08 28 40.46	−76 17 44.5	9.47		H	127.168 601 11	−76.295 707 89	A	5.43	−9.10	8.17	2.42	3.16	1.46	1.67	1.48	−34	+3	+5	+11	−7	−4	−13	+2	+22	−7	2	−0.48
41581		08 28 41.00	+60 56 37.4	9.07	2	H	127.170 820 51	+60.943 727 58		4.41	7.44	6.41	0.75	0.84	1.27	0.75	0.93	−19	+14	−11	+47	+14	−3	+8	−23	−18	−22	0	−0.54
41582	H	08 28 41.48	−23 49 44.5	7.61		H	127.172 824 70	−23.829 018 39	*	5.43	−15.91	−0.84	0.48	0.51	0.84	0.64	0.56	−11	+17	−10	+7	+9	−9	+5	+4	−4	−28	0	−0.71
41583		08 28 41.59	−54 29 56.5	7.97		H	127.173 286 83	−54.499 021 20		1.78	−7.81	7.96	0.51	0.48	0.56	0.60	0.52	+6	+7	+11	+6	−4	+0	−3	−1	+9	+3	0	1.66
41584		08 28 42.54	+06 07 30.4	8.60		H	127.177 235 99	+06.125 103 45		2.02	−8.93	−7.39	1.09	0.69	1.16	1.44	0.90	+2	+21	−22	+2	+4	−10	−5	+38	−14	+20	0	1.48
41585		08 28 42.94	+10 50 07.3	9.17		H	127.178 903 24	+10.835 359 61		5.20	−6.10	−20.65	1.31	0.75	1.42	1.61	1.12	−7	+23	−21	−21	−2	−15	−10	+29	−15	+1	0	0.84
41586		08 28 43.01	−34 43 53.9	7.68	1	H	127.179 201 61	−34.731 625 69		0.54	−4.27	4.62	0.45	0.52	0.66	0.48	0.48	+0	−5	+12	+10	+2	+6	+0	−16	+10	−2	0	−0.43
41587		08 28 43.19	−40 16 36.4	9.06	1	H	127.179 977 70	−40.276 783 23		15.35	−55.14	29.61	0.68	0.85	0.96	0.71	0.85	+11	+13	+8	+0	−2	+0	−5	−35	−1	+2	0	0.49
41588		08 28 43.70	−60 07 21.3	7.31	3	T	127.182 078 09	−60.122 580 86		0.34	−3.91	2.17	0.53	0.57	0.58	0.61	0.60	+9	−7	+3	+10	−19	+4	−19	−27	+7	+6	0	1.77
41589		08 28 43.94	−17 31 30.8	8.37		H	127.183 082 23	−17.525 215 71	A	1.21	−3.31	1.47	4.08	3.60	4.08	4.00	3.51	−13	+27	−18	−18	−23	−8	−21	−1	−2	−33	10	2.07
41590		08 28 44.06	−17 31 45.7	8.88		H	127.183 582 21	−17.529 374 57	B	−4.21	−10.03	2.78	8.87	8.68	5.29	6.17	5.67	−12	+22	−18	−7	−30	−4	−26	+11	+1	−28	10	2.07
41591		08 28 44.63	−61 05 33.5	9.03		H	127.185 947 29	−61.092 643 40		1.91	−10.12	23.24	0.82	0.76	0.86	0.89	0.86	−2	+4	+2	+29	−8	+20	−13	−19	+15	−11	0	0.07
41592		08 28 44.90	+39 56 12.4	8.55		H	127.187 078 23	+39.936 775 48		0.46	−0.59	−1.11	1.09	0.66	1.19	1.36	0.94	−11	+33	−12	−6	−3	+3	−5	+1	−8	−11	0	−0.60
41593		08 28 47.37	−40 17 45.7	9.59		G	127.197 386 26	−40.296 029 65		0.95	−2.76	2.69	0.72	0.91	1.06	0.75	0.89	+8	+9	+14	+3	−2	−1	−3	−27	−2	+2	0	−1.72
41594		08 28 47.86	−41 32 00.5	8.60		G	127.199 400 67	−41.533 478 58		2.03	−9.13	6.92	0.58	0.64	0.75	0.66	0.68	+8	−1	+8	−16	−3	+6	−5	−28	+17	−4	0	−2.35
41595		08 28 49.63	−07 32 39.7	8.38		H	127.206 786 49	−07.544 372 99		6.30	−28.71	−1.46	1.04	0.77	1.21	1.55	1.04	+2	+20	−23	+19	+7	−17	−2	+44	−5	+28	0	0.82
41596		08 28 49.85	−16 03 48.0	7.29		H	127.207 696 95	−16.063 336 81		4.05	1.27	53.73	0.67	0.56	0.86	0.84	0.60	−7	+12	−33	+4	−22	−6	−21	+2	+11	−6	0	0.75
41597		08 28 51.01	−09 44 54.9	6.01		H	127.212 523 54	−09.748 594 59		3.31	−4.28	5.01	0.69	0.55	0.90	0.74	0.69	−34	+36	−26	−16	−33	−3	−32	+40	−18	−44	0	−0.03
41598		08 28 51.71	+53 51 44.5	7.12		H	127.215 460 98	+53.862 350 62		23.73	86.50	−59.77	0.82	0.56	0.80	1.16	0.86	+9	+20	−9	+46	+25	+0	+30	+28	−3	+32	0	−0.71
41599		08 28 52.07	−42 35 15.0	6.61	1	H	127.216 946 99	−42.587 498 81		1.08	−8.63	9.71	0.40	0.44	0.52	0.45	0.48	+13	+0	+8	+8	−6	+9	−9	−21	+22	+7	2	2.13
41600		08 28 52.19	−37 21 15.4	10.41		G	127.217 473 75	−37.354 285 59		1.91	−3.48	2.32	0.90	1.03	1.36	1.01	1.16	−8	+2	+22	+5	+2	+25	−3	+7	−13	−24	0	−0.13

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
41501	7.689	0.009	7.676	0.010		0.013	0.012	T	0.03	0.01	L	7.7125	0.0128	0.072	110		7.56	7.75		U 2 C			1							S P
41502	7.890	0.009	7.951	0.011		−0.051	0.013	T	−0.03	0.01	L	7.9660	0.0016	0.012	115		7.94	7.99		C			1							S
41503						1.416	0.015	G	1.71	0.04	I	12.0771	0.0125	0.072	68		11.76	12.20		U			1							D
41504	6.754	0.004	6.619	0.004	*	0.110	0.002	G	0.12	0.00	H	* 6.6442	0.0008	0.007	135	*	6.63	6.66			08279−2608	H 1	2 C C	AB	36	0.234	0.039	3.37	0.44	S
41505	8.442	0.012	7.978	0.014		0.468	0.015	G	0.54	0.02	H	8.0442	0.0009	0.010	75		8.03	8.06		C			1							S
41506	8.659	0.015	8.509	0.018		0.144	0.022	T	0.16	0.02	L	8.5502	0.0024	0.014	54		8.53	8.58					1							S
41507	9.039	0.017	7.474	0.009		1.313	0.015	T	1.27	0.02	L	7.4834	0.0009	0.008	65		7.47	7.49		C			1							S
41508	8.440	0.012	7.089	0.005	A	1.088	0.197	G	1.09	0.01	L	* 7.1264	0.0007	0.008	89	*	7.11	7.14		D	08279+0313	H 1	2 C C	AB	146	1.655	0.042	4.24	0.14	S
41509	9.331	0.022	8.027	0.014		1.108	0.020	T	1.07	0.02	L	8.0747	0.0013	0.009	64		8.06	8.09					1							S
41510	10.427	0.031	9.332	0.020		0.946	0.028	T	0.94	0.02	L	9.3605	0.0027	0.027	113		9.33	9.43					1							
41511	10.714	0.042	9.566	0.025		0.979	0.039	T	0.96	0.03	L	9.6283	0.0031	0.027	115		9.58	9.67					1							
41512	10.961	0.045	10.058	0.032	A	0.700	0.495	G	0.89	0.07	B	* 10.0878	0.0030	0.026	123	*	10.01	10.14		R	08280+6307	I 1	2 C C	AB	61	3.255	0.038	3.06	0.18	
41513	10.270	0.043	9.661	0.039		0.567	0.051	T	0.64	0.05	L	9.7748	0.0037	0.016	55		9.74	9.80		C			1 G							
41514	8.959	0.014	8.454	0.013		0.475	0.017	T	0.55	0.02	L	8.5244	0.0018	0.015	94		8.50	8.55		C			1							S
41515	5.546	0.003	5.721	0.003	*	−0.151	0.003	T	−0.15	0.00	L	* 5.6946	0.0018	0.023	155	*	5.68	5.74	0.92	P 1 A	08280−3507	I 1	2 C S A	AP	63	0.099	0.008	0.84	0.47	S
41516	10.304	0.035	8.901	0.019		1.186	0.031	T	1.15	0.03	L	8.9573	0.0025	0.017	79		8.91	8.99		C			1							
41517	7.615	0.007	7.635	0.010	*	−0.014	0.011	T	0.01	0.01	L	* 7.6738	0.0011	0.010	127	*	7.66	7.69		D	08280−4115	I 1	2 C A	AB	104	7.902	0.020	3.32	0.09	S
41518	9.255	0.018	7.445	0.009		1.507	0.016	T	1.54	0.02	L	7.3675	0.0018	0.013	58		7.35	7.39					1							S
41519	8.037	0.009	7.004	0.005	*	0.899	0.008	T	0.90	0.01	L	* 7.0494	0.0008	0.008	112	*	7.04	7.07		D	08281+3554	H 1	2 C S B	AB	176	0.124	0.016	1.40	0.51	S
41520	8.067	0.008	8.143	0.010		−0.052	0.015	G	−0.03	0.01	H	8.1303	0.0014	0.013	130		8.11	8.15		C			1							
41521	9.709	0.019	9.107	0.017		0.561	0.022	T	0.63	0.02	L	9.1565	0.0016	0.017	132		9.13	9.18		C			1							
41522	8.797	0.011	8.178	0.010		0.548	0.015	G	0.62	0.01	H	8.2448	0.0013	0.016	154		8.22	8.27		C			1							
41523	11.033	0.040	9.773	0.022		1.074	0.036	T	1.04	0.03	L	9.8333	0.0027	0.028	146		9.78	9.89		C			1 S							
41524	8.189	0.013	6.976	0.007		1.037	0.012	T	1.01	0.01	L	7.0396	0.0010	0.008	62		7.02	7.05		C			1 G							S
41525	8.458	0.013	7.096	0.007		1.154	0.012	T	1.12	0.01	L	7.1378	0.0014	0.010	77		7.12	7.15		C			1							S
41526	8.751	0.014	8.071	0.012		0.639	0.015	G	0.70	0.01	H	8.1182	0.0021	0.014	76		8.10	8.14		C			1							S
41527	9.930	0.030	8.810	0.020		0.965	0.028	T	0.95	0.02	L	8.8861	0.0017	0.016	123		8.86	8.91		C			1							
41528	8.932	0.013	8.549	0.013		0.364	0.004	G	0.43	0.00	H	8.6306	0.0017	0.015	112		8.60	8.66		C			1							
41529	9.345	0.013	8.463	0.010		0.771	0.013	T	0.81	0.01	L	8.5335	0.0019	0.019	157		8.50	8.56					1							
41530	9.113	0.015	8.601	0.014		0.481	0.019	T	0.55	0.02	L	8.6504	0.0017	0.016	114		8.62	8.68		C			1							S
41531	8.811	0.010	8.802	0.013		0.009	0.014	T	0.03	0.01	L	8.8412	0.0018	0.020	153		8.81	8.87		C			1							
41532	8.856	0.019	7.778	0.013		0.933	0.018	T	0.93	0.01	L	7.8458	0.0013	0.008	54		7.83	7.86					1							
41533	8.994	0.012	9.033	0.016		−0.031	0.018	T	−0.01	0.02	L	9.0560	0.0019	0.018	140		9.03	9.08		C			1							
41534	7.322	0.004	7.483	0.006		−0.140	0.006	T	−0.13	0.01	L	7.4633	0.0010	0.012	210		7.44	7.48					1							S
41535	12.934	0.275	9.651	0.021		2.970	0.015	G	2.98	0.01	J	9.2989	0.0173	0.124	182		9.06	9.37	191.80	P 1 A			1 S							G P
41536	10.502	0.030	8.943	0.014		1.308	0.026	T	1.27	0.03	L	8.9959	0.0015	0.019	155		8.97	9.05					1							
41537	9.590	0.019	7.748	0.008		1.564	0.017	T	1.87	0.05	O	7.6528	0.0017	0.017	127		7.62	7.68		U			1							
41538	8.799	0.015	7.415	0.009		1.160	0.015	G	1.17	0.06	F	7.4606	0.0017	0.010	71		7.45	7.48		C			1							S
41539	7.429	0.006	7.440	0.009		−0.005	0.010	T	0.02	0.01	L	7.4538	0.0011	0.010	122		7.44	7.47		C			1							S
41540	9.610	0.017	9.177	0.017		0.409	0.022	T	0.48	0.02	L	9.2398	0.0019	0.016	116		9.21	9.27		C			1							
41541	11.301	0.069	9.493	0.023		1.536	0.060	T	2.52	0.09	O	9.2747	0.0043	0.036	122		9.22	9.34		U 2			1							
41542	8.997	0.015	8.416	0.014		0.534	0.015	G	0.61	0.02	H	8.4682	0.0017	0.015	101		8.45	8.49		C			1							
41543	10.729	0.061	9.708	0.039	A	0.879	0.056	T	0.89	0.04	L	9.7476	0.0131	0.032	111	A	9.69	9.79		D	08283−4431	I 2	1 C P A							G
41544	8.239	0.009	7.771	0.008		0.453	0.015	G	0.52	0.02	H	7.8293	0.0012	0.012	121		7.81	7.85		C			1							S
41545											T	12.6062	0.1638			B				D	08283−4431	I 2	1 C I A							
41546	9.154	0.012	7.754	0.007		1.180	0.015	G	1.14	0.01	H	7.7879	0.0013	0.013	160		7.77	7.81					1							
41547	7.966	0.011	6.558	0.007		1.197	0.003	G	1.13	0.04	E	6.6023	0.0009	0.006	65		6.59	6.62		C			1							S
41548	8.605	0.011	7.274	0.006		1.129	0.010	T	1.09	0.01	L	7.3213	0.0012	0.010	136		7.30	7.34					1							S
41549	7.815	0.008	7.444	0.010		0.366	0.015	G	0.43	0.02	H	7.4986	0.0014	0.010	71		7.48	7.51		C			1							S
41550	7.239	0.008	7.345	0.009		−0.096	0.002	G	−0.08	0.00	H	7.3461	0.0016	0.009	51		7.33	7.36					1							S
41551	10.358	0.026	8.716	0.013		1.374	0.023	T	1.34	0.03	L	8.7304	0.0017	0.016	112		8.70	8.76					1							
41552	9.004	0.014	7.797	0.009		1.032	0.013	T	1.00	0.01	L	7.8426	0.0013	0.010	102		7.82	7.86		C			1							S
41553	9.693	0.023	9.166	0.022		0.495	0.029	T	0.57	0.03	L	9.2610	0.0030	0.018	70		9.22	9.29		C			1							
41554	12.726	0.374	10.812	0.097	*	1.568	0.082	G	2.52	0.34	I	* 10.7741	0.0040	0.032	87	*	10.72	10.83		D	08284+3501	I 1	2 C B	AB	212	0.519	0.008	0.04	0.03	G
41555	8.380	0.013	7.988	0.017		0.409	0.015	G	0.48	0.02	H	8.0385	0.0013	0.010	72		8.02	8.06					1							S
41556	9.865	0.028	9.328	0.026		0.504	0.034	T	0.58	0.04	L	9.4528	0.0019	0.015	88		9.43	9.47		C			1 S							
41557	8.538	0.010	8.473	0.013		0.065	0.015	T	0.07	0.02	L	8.4966	0.0016	0.013	106		8.47	8.52		C			1							
41558	8.374	0.011	7.969	0.011		0.404	0.015	G	0.47	0.02	H	8.0189	0.0011	0.012	86		8.00	8.04					1							S
41559	8.121	0.008	8.168	0.010		−0.040	0.011	T	−0.02	0.01	L	8.1726	0.0013	0.012	121		8.15	8.20		C			1							
41560	10.822	0.068	10.301	0.065		0.708	0.126	G	0.76	0.10	R	10.5298	0.0055	0.032	54		10.47	10.59		D	08284+1651	I 2	1							G
41561	10.509	0.046	9.282	0.026		0.708	0.126	G	0.98	0.06	L	9.3664	0.0033	0.020	55		9.34	9.41		D	08284+1651	I 2	1 S							
41562	8.538	0.011	8.406	0.013		0.120	0.016	T	0.13	0.02	L	8.4344	0.0017	0.012	103		8.41	8.45		C			1							
41563	9.276	0.020	8.938	0.022		0.326	0.033	T	0.38	0.04	L	8.9074	0.0015	0.015	73		8.88	8.93					1							
41564	6.820	0.006	6.453	0.005		0.332	0.005	G	0.39	0.01	R	6.4967	0.0014	0.012	68		6.48	6.61		U 2 C	08285−0231	I 1	1 S							S P
41565	9.568	0.018	8.985	0.016		0.546	0.018	T	0.62	0.02	L	9.0414	0.0020	0.016	109		9.02	9.07		C			1							
41566	9.989	0.028	8.770	0.017		1.030	0.015	G	1.00	0.01	H	8.8096	0.0018	0.017	120		8.78	8.84		C			1							
41567	8.845	0.011	8.332	0.010	*	0.470	0.004	G	0.54	0.00	H	* 8.3862	0.0013	0.016	160	*	8.36	8.41		D	08285−3906	H 1	2 C A	AB	87	0.364	0.010	2.55	0.07	
41568	9.811	0.024	8.540	0.015		1.082	0.022	T	1.04	0.02	L	8.5802	0.0017	0.017	154		8.56	8.61					1							S
41569	7.623	0.010	7.198	0.011		0.423	0.015	G	0.49	0.02	H	7.2482	0.0007	0.008	54		7.24	7.26		C			1							S
41570	9.015	0.015	8.602	0.015		0.404	0.018	T	0.47	0.02	L	8.6718	0.0020	0.017	126		8.64	8.70					1							
41571	9.681	0.025	8.986	0.022		0.629	0.025	T	0.70	0.02	L	9.0862	0.0023	0.019	69		9.06	9.12		C			1							
41572	6.570	0.004	6.504	0.004		0.060	0.005	T	0.07	0.00	L	6.5260	0.0008	0.009	126		6.51	6.54					1							S
41573	8.019	0.010	7.458	0.009		0.525	0.012	T	0.60	0.01	L	7.5175	0.0011	0.009	79		7.51	7.54		C			1							S
41574	6.340	0.004	6.075	0.004		0.246	0.005	G	0.28	0.01	H	6.1151	0.0014	0.011	76		6.09	6.14	0.10	P 1 A			1 G							S
41575	9.160	0.014	7.926	0.009		1.054	0.013	T	1.02	0.01	L	7.9835	0.0011	0.011	126		7.96	8.00		C			1							
41576	7.498	0.006	7.506	0.008		−0.006	0.009	T	0.01	0.01	L	7.5303	0.0009	0.009	128		7.52	7.54		C			1							S
41577	8.346	0.009	8.034	0.010		0.298	0.014	T	0.34	0.02	L	8.0777	0.0011	0.014	102		8.06	8.10					1							S
41578	6.189	0.005	5.976	0.005		0.201	0.010	G	0.22	0.01	H	6.0107	0.0007	0.005	63		6.00	6.02					1							S
41579	10.387	0.032	9.624	0.026		0.680	0.031	T	0.74	0.03	L	9.7051	0.0026	0.018	102		9.67	9.73					1							G
41580	10.065	0.024	9.542	0.023	*	0.491	0.030	T	0.56	0.03	L	* 9.5775	0.0028	0.021	110	*	9.54	9.62			08287−7618	H 1	2 C C	AB	348	0.342	0.058	3.08	0.33	
41581	9.372	0.018	9.073	0.020		0.284	0.025	T	0.32	0.03	L	9.1408	0.0044	0.042	144		9.06	9.20	0.80	P 1 A			1 S							P
41582	7.832	0.006	7.636	0.007	*	0.180	0.009	T	0.20	0.01	L	* 7.6714	0.0009	0.012	175	*	7.65	7.70		D	08287−2350	H 1	2 C S A	AB	180	0.120	0.007	0.21	0.46	S
41583	7.908	0.007	7.966	0.009		−0.048	0.010	T	−0.03	0.01	L	7.9597	0.0012	0.011	128		7.94	7.98		C			1							S
41584	9.949	0.036	8.712	0.022		1.056	0.033	T	1.02	0.03	L	8.7649	0.0015	0.016	64		8.74	8.82					1							
41585	9.439	0.021	9.170	0.024		0.256	0.030	T	0.29	0.04	L	9.2411	0.0029	0.014	55		9.21	9.27		C			1							
41586	7.516	0.005	7.663	0.009		−0.112	0.003	G	−0.10	0.00	H	7.6446	0.0023	0.021	163		7.61	7.68	0.21	P 1 A			1							S
41587	9.764	0.018	9.103	0.016		0.603	0.018	T	0.67	0.02	L	9.1861	0.0020	0.023	123		9.15	9.23		U			1							
41588	8.370	0.037	7.401	0.022		0.720	0.020	G	0.83	0.02	A	7.4390	0.0283	0.240	114		7.21	7.84	6.70	P 1 A			1							S
41589	8.752	0.017	8.395	0.017	A	0.338	0.022	T	0.39	0.03	L	8.4477	0.0169	0.070	79	A	8.39	8.62		D	08287−1732	I 2	1 C P A							
41590	9.105	0.018	8.780	0.020	B	0.312	0.029	T	0.36	0.04	L	8.6712	0.0193			B				D	08287−1732	I 2	1 C I A							
41591	9.534	0.018	9.088	0.018		0.434	0.020	T	0.50	0.02	L	9.1252	0.0018	0.018	104		9.09	9.16		C			1							
41592	9.723	0.020	8.640	0.014		0.937	0.019	T	0.93	0.01	L	8.7067	0.0018	0.019	95		8.68	8.74					1							S
41593	9.850	0.019	9.608	0.022		0.230	0.003	G	0.26	0.00	H	9.6601	0.0022	0.023	123		9.61	9.70					1							G
41594	8.582	0.009	8.570	0.011		−0.013	0.015	G	0.01	0.01	H	8.6068	0.0015	0.014	142		8.58	8.63					1							
41595	8.670	0.014	8.402	0.015		0.255	0.019	T	0.29	0.02	L	8.4531	0.0016	0.014	66		8.43	8.47		C			1							S
41596	8.591	0.013	7.403	0.009		1.018	0.012	T	0.99	0.01	L	7.4564	0.0013	0.010	82		7.44	7.48		C			1							S
41597	6.508	0.003	6.049	0.004		0.427	0.003	G	0.49	0.00	H	6.1028	0.0007	0.006	115		6.09	6.11					1							S
41598	7.778	0.011	7.172	0.010		0.565	0.013	T	0.64	0.01	L	7.2414	0.0008	0.008	65		7.23	7.25		D			1							S
41599	6.357	0.003	6.559	0.004		−0.175	0.004	T	−0.18	0.01	L	6.5432	0.0014	0.013	119		6.51	6.56		U 2	08288−4235	I 1	1							S
41600	10.595	0.036	10.427	0.050		0.200	0.020	G	0.22	0.02	H	10.4903	0.0029	0.035	159		10.44	10.56		C			1							G

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
41601	H	08 28 52.25	−48 11 25.6	7.84		H	127.217 694 97	−48.190 455 14	A	1.66	−6.19	7.15	1.93	1.49	1.26	1.54	1.11	−28	+4	−13	+3	−1	−9	−1	−22	+22	−13	3	0.32
41602		08 28 52.36	−29 57 04.4	7.90		H	127.218 151 77	−29.951 217 40		−1.37	−2.97	2.32	0.39	0.54	0.77	0.43	0.54	+21	−10	−11	+6	+10	+2	+8	−16	+4	+18	1	−1.20
41603		08 28 53.43	−20 57 01.3	6.69		H	127.222 621 47	−20.950 360 98		2.43	0.43	−16.66	0.63	0.52	0.82	0.72	0.58	+5	+15	−29	+8	−8	+7	−6	+1	+6	+1	0	−0.54
41604		08 28 53.66	−72 04 54.8	6.88		H	127.223 592 99	−72.081 882 82		6.20	−26.93	44.11	0.53	0.45	0.53	0.62	0.48	+3	+18	+12	−10	−13	−11	−6	+0	+18	−17	1	1.23
41605		08 28 54.83	+04 48 28.1	9.19		H	127.228 440 07	+04.807 818 26		−0.51	−0.77	−3.64	1.21	0.83	1.32	1.69	1.15	−8	+22	−8	−11	−9	−19	−12	+38	+6	+0	0	−0.17
41606		08 28 54.98	−52 57 40.3	8.99		H	127.229 070 06	−52.961 196 96		1.02	−13.04	6.58	0.72	0.63	0.77	0.94	0.69	−3	+7	+1	−5	+0	+0	+1	+9	+14	−3	1	0.42
41607		08 28 55.52	+56 40 01.6	7.05		H	127.231 352 49	+56.667 118 22		5.61	−10.54	−13.70	0.63	0.53	0.83	0.74	0.56	−12	+25	−23	−18	+10	+1	+18	−35	+22	+32	0	−0.63
41608		08 28 56.10	+76 18 28.2	10.67		H	127.233 731 67	+76.307 833 43		−1.39	9.29	2.90	1.06	1.14	1.54	1.17	1.16	+11	+7	+3	+13	+8	+15	+8	−9	−5	+18	1	−0.04
41609	H	08 28 56.56	−15 52 12.5	8.49		G	127.235 646 30	−15.870 136 42	A	29.69	152.93	−142.30	1.44	1.21	1.63	1.56	1.16	−23	+28	−24	+3	−32	+4	−33	−2	−1	−27	1	−0.83
41610		08 28 56.67	+33 43 43.5	8.45		G	127.236 104 53	+33.728 736 47		6.88	−19.74	−31.33	0.89	0.59	1.11	1.15	0.76	−37	+8	−5	−12	−1	−16	−2	−11	+3	−61	0	1.73
41611		08 28 57.58	−30 50 57.7	8.00		H	127.239 907 70	−30.849 367 08		3.87	6.28	−5.16	0.44	0.55	0.81	0.51	0.60	+15	+7	+6	+9	+7	+6	+6	−6	−4	+11	0	−1.71
41612		08 28 58.67	−20 14 52.8	9.53		H	127.244 445 72	−20.248 013 19		0.10	−4.57	2.71	1.08	1.07	1.43	1.33	1.19	−31	+29	−15	+18	−25	−12	−22	+14	+6	−35	2	0.04
41613		08 29 01.48	+10 16 59.7	9.69		H	127.256 162 14	+10.283 263 89		3.23	−7.96	−2.14	1.38	0.95	1.67	1.66	1.29	−23	+26	−27	−21	−1	−35	−18	+34	−22	−7	0	1.72
41614		08 29 02.62	+34 19 14.7	10.37		H	127.260 901 61	+34.320 762 52		5.37	−19.91	−38.48	1.43	0.89	1.73	1.81	1.27	−33	+7	+2	−18	−6	−11	−4	−6	−1	−63	3	0.57
41615		08 29 03.16	+66 12 49.8	8.33		H	127.263 160 19	+66.213 825 12		2.01	6.37	−0.13	0.68	0.74	1.04	0.82	0.89	+3	+9	−6	+27	−8	+14	−3	−5	+1	+16	0	1.30
41616	H	08 29 04.76	−47 55 44.2	5.33		G	127.269 825 65	−47.928 939 48	A	1.99	−7.77	6.72	0.74	0.67	0.75	0.96	0.70	−7	+13	−7	+2	+2	−17	+5	−27	+18	+2	5	2.33
41617		08 29 04.92	−28 41 21.7	7.69		G	127.270 515 89	−28.689 358 46		1.10	−5.40	3.79	0.38	0.49	0.74	0.39	0.51	+29	+1	−11	−4	+3	+14	+6	−17	+20	+42	1	0.32
41618		08 29 05.59	−43 55 07.9	6.78		H	127.273 286 00	−43.918 859 78		2.65	−0.02	0.79	0.52	0.47	0.61	0.66	0.55	−3	+9	+9	−15	+15	+4	+16	−9	+18	−19	0	0.34
41619		08 29 05.85	−05 52 33.8	7.36		H	127.274 376 57	−05.876 051 94		5.16	3.21	−4.82	0.75	0.70	0.99	0.93	0.83	−16	+15	−40	+2	−12	−22	−27	+46	−26	−5	0	0.47
41620		08 29 07.46	−61 52 24.4	8.50		H	127.281 063 27	−61.873 431 62		17.58	−41.64	14.26	0.71	0.67	0.75	0.81	0.73	+1	−11	−7	+12	+3	−7	−6	−24	+18	−21	0	0.01
41621	H	08 29 07.57	−44 09 37.6	5.82		G	127.281 553 50	−44.160 431 55	*	2.04	−7.39	7.50	0.75	0.60	0.63	0.72	0.57	−4	+15	+5	−25	+15	−2	+17	−22	+20	−17	5	0.68
41622		08 29 07.97	−00 18 00.4	7.74		G	127.283 217 08	−00.300 124 70		2.91	−9.91	−6.00	0.83	0.62	1.03	1.09	0.79	−7	+27	−17	+27	+13	−26	+5	+52	−11	+4	0	−1.34
41623		08 29 09.15	+12 33 07.2	7.26		H	127.288 105 73	+12.552 003 03		2.72	−10.41	−7.81	1.00	0.56	1.01	1.21	0.77	+7	+4	−29	−41	−8	−20	−16	+21	−18	+11	0	1.12
41624		08 29 09.55	+30 12 38.2	9.41		H	127.289 790 21	+30.210 599 04		4.26	−28.71	−11.41	1.18	0.72	1.31	1.43	1.07	−14	+18	−10	−9	−3	−25	−6	+30	−8	−11	0	0.44
41625		08 29 09.76	−53 15 35.4	8.39		H	127.290 654 60	−53.259 838 09		1.72	−24.52	17.70	0.58	0.56	0.65	0.74	0.59	+1	+7	+12	+7	−4	−2	−3	+6	+5	+0	0	−0.63
41626		08 29 10.18	+45 45 45.0	11.14		H	127.292 415 01	+45.762 510 50		17.66	169.22	−24.30	2.26	1.40	2.45	3.39	1.86	+1	+28	−12	+16	+1	+1	+1	+2	+0	+7	0	0.52
41627	H	08 29 10.88	−28 39 56.7	7.42		H	127.295 321 28	−28.665 738 08	A	5.02	−13.03	8.32	0.65	0.84	1.09	0.65	0.80	+13	+5	−10	−12	−1	+19	+2	−17	+17	+22	1	−0.29
41628		08 29 12.25	−09 01 21.6	8.78		H	127.301 045 22	−09.022 658 73		2.08	−5.67	0.39	0.94	0.73	1.16	1.09	0.99	−28	+32	−15	−12	−34	−2	−25	+37	−3	−48	0	1.11
41629		08 29 12.74	+32 41 32.3	6.92		H	127.303 102 34	+32.692 313 26		3.77	−4.40	−2.96	0.64	0.42	0.79	0.73	0.54	−35	+28	−2	−11	−10	−2	−10	−6	−2	−70	0	1.35
41630		08 29 13.20	+38 52 26.1	7.94		G	127.304 988 96	+38.873 922 60		7.04	2.50	−5.10	1.09	0.82	1.21	1.23	0.92	−30	+54	−28	−12	+19	−23	+10	−2	−4	−7	2	1.95
41631		08 29 14.09	−74 22 19.3	9.00		H	127.308 726 56	−74.372 017 17		6.55	−21.91	19.25	0.75	0.69	0.81	0.74	0.73	−2	+32	−4	−26	+8	−20	+13	−23	+21	−11	0	0.44
41632		08 29 16.42	+29 28 09.6	8.26		H	127.318 414 29	+29.469 333 51		4.17	−4.43	−10.13	0.90	0.55	1.02	1.08	0.80	−7	+17	−14	−12	−6	−38	−13	+31	−11	−11	0	−0.80
41633		08 29 20.54	−26 55 17.3	8.46		H	127.335 590 45	−26.921 481 27		1.32	−5.12	5.21	0.61	0.74	1.10	0.75	0.82	−16	+10	−23	−1	−2	+1	−3	+9	−18	−23	0	−1.58
41634		08 29 23.36	−43 38 09.6	8.32		G	127.347 352 34	−43.635 998 66		1.14	−6.82	−3.18	0.63	0.63	0.77	0.84	0.83	−10	−1	+17	−12	+18	+13	+17	−12	+5	−30	1	0.29
41635		08 29 23.98	+13 08 15.4	7.86		H	127.349 915 65	+13.137 608 85		4.41	19.32	12.52	1.13	0.63	1.16	1.31	0.84	+3	−8	−33	−45	−2	−13	−7	+14	−21	+4	3	1.17
41636		08 29 25.85	+77 03 34.5	7.93		H	127.357 729 05	+77.059 576 91		10.05	−70.44	−35.98	0.53	0.54	0.73	0.61	0.55	+9	+4	−19	+20	−14	+13	−10	+2	−2	+14	2	−0.80
41637		08 29 26.67	+55 07 26.8	11.97		G	127.361 125 16	+55.124 105 95		20.22	156.02	−328.11	6.62	4.55	7.67	7.74	4.80	−1	−2	−22	−70	−11	+16	−23	−49	+23	+44	0	
41638		08 29 27.30	+20 25 47.0	8.88		H	127.363 745 92	+20.429 717 57		6.94	−82.67	14.22	1.42	0.79	1.51	1.60	1.14	−24	+31	−39	−44	−6	−19	−18	+26	−30	−22	2	1.45
41639	H	08 29 27.49	−44 43 29.4	5.03		G	127.364 533 32	−44.724 827 73	A	0.47	−5.85	6.41	0.73	0.67	0.79	0.76	0.71	−9	+3	+11	−8	−4	−19	−3	−7	+21	−28	5	2.49
41640		08 29 27.56	−27 19 55.7	6.69		H	127.364 848 07	−27.332 145 12		2.18	−7.52	−3.67	0.35	0.45	0.68	0.40	0.48	+1	+14	−20	−9	−7	+4	−6	+5	−7	−5	0	−1.48
41641		08 29 27.58	+45 54 40.9	9.98		G	127.364 929 81	+45.911 358 34		28.06	−343.48	−433.94	1.79	1.03	1.98	2.41	1.34	−9	+43	−20	+6	−6	−2	−3	+0	+6	−1	0	0.26
41642		08 29 28.04	+34 07 42.7	8.89		H	127.366 843 17	+34.128 518 15		9.59	−80.97	−33.74	1.03	0.64	1.25	1.27	0.86	−26	+15	+0	−8	−13	−24	−12	+2	+3	−55	0	0.78
41643		08 29 29.41	−60 10 45.5	7.84		H	127.372 537 74	−60.179 298 28		3.51	−6.82	15.40	0.58	0.57	0.62	0.62	0.59	+9	−5	−6	+11	−14	+10	−15	−27	+16	+8	0	1.47
41644		08 29 29.82	−54 12 42.5	6.44	1	H	127.374 245 03	−54.211 802 00		4.53	−21.12	16.97	0.41	0.40	0.46	0.52	0.41	+16	+11	+21	+11	−5	+6	−4	+5	+7	+16	0	0.29
41645		08 29 30.53	−00 57 36.1	6.70		H	127.377 198 53	−00.960 028 93		4.74	−10.03	−8.20	0.75	0.63	0.95	1.02	0.77	−14	+23	−31	+35	+17	−30	+4	+58	−13	−1	0	−0.82
41646		08 29 30.91	−34 15 44.3	7.46	1	H	127.378 784 26	−34.262 298 19		3.26	−5.13	−0.18	0.48	0.53	0.69	0.53	0.53	+2	−3	+2	−2	+6	+4	+3	−19	+4	−8	0	0.48
41647		08 29 31.61	−18 45 27.1	7.84	1	H	127.381 703 20	−18.757 534 17		4.10	−6.59	0.28	0.82	0.63	1.04	1.02	0.64	+6	−7	−34	−15	−24	+6	−21	−13	+14	−1	0	2.52
41648		08 29 32.26	+09 26 10.5	8.39		H	127.384 417 71	+09.436 250 88		6.71	−16.49	−19.87	1.07	0.63	1.18	1.32	0.92	−13	+39	−22	+1	+9	−13	−3	+29	−20	+4	0	−0.76
41649	H	08 29 33.19	−21 16 51.0	8.53		H	127.388 289 57	−21.280 821 55	A	3.39	2.53	−0.01	2.27	2.29	1.86	1.39	1.42	−49	−8	−3	+25	−8	−28	−11	+23	+1	−63	3	−0.39
41650	H	08 29 34.90	−38 36 21.2	8.51		H	127.395 430 43	−38.605 889 10	A	3.47	−5.81	8.73	1.09	1.45	1.43	1.08	1.36	+11	+2	+11	+13	−1	−2	−2	−14	−10	+2	1	1.06
*41651	H	08 29 36.41	+52 03 11.2	8.61		H	127.401 722 10	+52.053 105 96	A	15.49	−86.25	24.36	2.47	2.03	2.44	2.72	2.47	−21	+30	−22	+25	−8	+4	+2	+2	+5	−3	0	0.64
*41652		08 29 36.39	+08 25 02.0	6.83		H	127.401 625 92	+08.417 222 41		3.98	−5.76	−3.85	0.85	0.59	0.92	1.05	0.79	−10	+19	−30	−28	−1	−16	−9	+5	−7	−2	0	−0.10
*41653		08 29 36.40	−55 11 27.3	6.36		G	127.401 650 94	−55.190 903 63		4.52	−9.69	−13.23	0.43	0.40	0.46	0.50	0.44	+5	−7	+4	+8	−4	+8	−4	+3	+5	+5	0	−0.72
41654		08 29 36.50	−03 52 49.8	8.65		H	127.402 101 23	−03.880 507 15		2.44	−7.87	2.22	0.86	0.77	1.25	1.06	1.00	−26	+3	−16	−8	+14	−29	+13	+19	−27	−26	0	−0.81
41655		08 29 36.74	+42 29 06.9	8.98		H	127.403 081 45	+42.485 251 20		3.27	−13.26	−16.98	1.20	0.78	1.38	1.35	0.93	−27	+33	−23	+0	−13	−10	−17	+6	−5	−28	0	0.27
41656		08 29 37.14	−41 31 29.6	8.10		H	127.404 759 11	−41.524 875 20		1.27	−10.05	8.99	0.52	0.59	0.69	0.60	0.64	+10	−4	+8	−12	−2	+8	−5	−28	+19	+1	0	−2.47
41657		08 29 37.28	+32 03 08.7	8.11		H	127.405 324 25	+32.052 414 04		4.97	−0.72	−13.28	0.76	0.49	0.96	0.90	0.67	−39	+30	−7	−13	−6	−14	−6	−8	+10	−73	0	0.52
41658		08 29 38.12	−49 23 48.6	9.11		H	127.408 827 18	−49.396 839 43		6.05	9.20	−11.58	0.72	0.60	0.76	0.80	0.63	+3	−2	+3	−5	+1	+7	+1	−5	+9	+4	0	0.10
41659		08 29 38.25	−54 16 34.2	9.49		H	127.409 358 65	−54.276 168 47		19.22	−427.97	132.98	0.78	0.79	0.91	0.99	0.82	+4	+12	+21	+3	−4	−12	−1	−5	+6	−1	0	−1.61
41660		08 29 40.08	+24 20 41.1	7.05		H	127.416 986 94	+24.344 761 83		4.73	−21.97	−23.34	0.83	0.51	0.91	1.01	0.71	−13	+7	−13	−7	+10	−20	+10	+15	−12	−17	0	1.21
*41661		08 29 40.50	−01 44 40.3	11.94		G	127.418 731 07	−01.744 524 37		11.03	395.27	−880.21	2.70	2.33	3.87	3.23	2.95	−22	+14	−31	+15	+6	−22	−2	+47	−28	−17	0	−0.35
*41662		08 29 40.49	−09 58 35.4	10.19		H	127.418 689 92	−09.976 501 45		29.32	−59.74	36.61	1.35	1.19	1.74	1.53	1.57	−44	+26	−20	−15	−27	−9	−23	+37	−11	−59	4	−0.67
*41663		08 29 41.18	+16 16 13.0	11.47		G	127.421 590 81	+16.270 280 53		6.17	−15.52	0.28	3.25	1.96	3.44	4.44	2.35	−8	+24	−33	−15	−12	+8	−9	+3	−2	−2	0	−1.07
*41664		08 29 41.15	−06 19 07.3	8.21	3	H	127.421 446 18	−06.318 680 94		3.68	13.26	−41.82	0.84	0.84	1.02	0.95	1.01	−32	+4	−22	+4	−37	−19	−42	+58	−5	−36	0	0.28
41665		08 29 41.99	−03 09 05.4	8.80		G	127.424 975 14	−03.151 513 73		2.46	−15.08	19.89	0.91	0.82	1.21	1.24	1.10	−33	+7	−19	−5	+18	−22	+15	+18	−14	−34	0	−0.46
41666		08 29 42.75	−34 03 53.5	7.84		H	127.428 138 99	−34.064 871 32		4.64	−1.42	−10.53	0.50	0.54	0.72	0.54	0.57	+1	−6	+8	−6	+5	+9	+3	−14	+2	−9	0	−1.78
41667	H	08 29 42.95	−67 08 23.4	7.28		H	127.428 949 80	−67.139 837 01	*	3.47	−11.25	17.22	0.53	0.44	0.53	0.66	0.45	+2	+23	+7	+1	+3	−19	+5	−16	+13	−11	0	−0.29
41668		08 29 43.63	−48 01 34.7	7.72		H	127.431 779 83	−48.026 292 64		2.60	−9.79	7.93	0.56	0.50	0.62	0.74	0.55	−1	+3	+3	+4	+5	+0	+5	−22	+12	−1	0	−0.09
41669		08 29 44.45	+34 58 23.0	8.27		H	127.435 195 32	+34.973 067 04		5.27	−13.70	−18.29	0.91	0.53	1.04	1.14	0.74	−27	+16	−6	+7	−32	−16	−32	+21	+2	−58	0	0.44
41670		08 29 44.52	−32 44 58.9	8.55	2	H	127.435 481 20	−32.749 688 49		0.74	14.78	−12.61	0.61	0.68	0.95	0.79	0.72	+4	+17	+10	+18	+5	+6	−1	−22	+1	−13	0	0.78
41671		08 29 44.64	−32 12 45.7	11.25	2	G	127.435 998 38	−32.212 705 11		11.16	−10.14	199.35	3.67	4.33	6.05	4.40	4.58	+10	+4	+1	−13	+4	+4	+4	−27	+3	+13	1	
41672		08 29 45.30	+50 39 59.6	8.75		H	127.438 752 23	+50.666 552 27		6.02	−0.72	−0.56	1.20	0.86	1.41	1.90	1.07	+2	+9	−17	−4	−6	+24	−2	−11	−6	+13	2	−0.23
41673		08 29 45.58	+62 16 21.2	9.78		H	127.439 912 25	+62.272 550 51		2.63	−6.56	−0.40	1.00	0.99	1.54	1.11	1.20	−17	+10	+2	+20	−8	−12	−3	−18	−15	+2	0	−0.62
41674		08 29 45.65	−46 19 54.2	5.98		H	127.440 225 51	−46.331 727 99		5.18	−25.27	14.48	0.44	0.43	0.53	0.53	0.46	+16	+4	+13	+2	+4	+11	+1	−6	+3	+7	1	1.39
41675		08 29 45.73	+44 56 49.5	9.38		H	127.440 534 55	+44.947 084 18		2.51	−4.19	−18.38	1.21	0.81	1.36	1.73	1.03	−2	+23	−25	+16	+7	+0	+7	+5	−4	+9	0	−0.81
41676		08 29 46.29	+67 17 50.7	5.89		H	127.442 891 51	+67.297 414 77		10.12	−65.13	10.67	0.30	0.39	0.62	0.34	0.48	+47	+11	+8	−11	−9	+6	−11	−2	+1	+51	0	−1.52
41677		08 29 47.67	+00 16 24.9	7.59		H	127.448 627 77	+00.273 582 36		4.59	−21.63	−10.00	0.84	0.63	1.06	1.14	0.80	−11	+23	−20	+14	+12	−28	+5	+48	−4	−3	0	0.66
41678		08 29 48.19	+44 10 12.5	10.44		H	127.450 789 55	+44.170 147 87		4.67	−2.73	−22.10	1.83	1.04	1.92	2.43	1.49	−5	+23	−22	−25	−11	+10	−9	−1	+7	+5	0	0.58
41679		08 29 49.55	+26 11 34.4	6.81		G	127.456 445 02	+26.192 883 35		6.27	−24.19	−10.52	0.73	0.48	0.82	0.91	0.65	−15	+21	−17	−11	+9	−32	+4	+12	−2	−9	0	2.12
41680		08 29 49.74	−57 17 00.1	9.12		G	127.457 259 44	−57.283 371 94		1.14	−6.18	5.87	0.64	0.73	0.75	0.65	0.79	−7	+0	+14	+4	+0	−6	−3	−23	+12	−19	0	−0.19
41681		08 29 50.16	−46 59 40.8	9.18		H	127.458 979 52	−46.994 663 88		20.81	−24.07	67.74	0.79	0.72	0.91	1.00	0.91	+7	−3	+2	−13	+6	+9	+6	−10	+8	−7	0	−1.16
41682		08 29 50.24	+31 22 10.8	9.99		H	127.459 351 85	+31.369 655 42	B	12.11	3.65	−0.41	7.68	4.58	5.87	6.80	5.03	−42	+21	−12	−9	−11	+14	−11	+10	−26	−68	0	1.47
41683		08 29 50.77	−10 28 00.4	7.14		H	127.461 538 71	−10.466 774 74		15.86	−66.04	55.85	0.70	0.63	0.95	0.77	0.78	−24	+15	−27	−15	−23	−12	−24	+34	−10	−35	0	1.40
41684		08 29 51.24	−44 44 36.4	8.72		H	127.463 493 76	−44.743 450 62		1.55	−1.42	2.81	0.68	0.67	0.84	0.81	0.80	−4	+2	+7	−7	+3	−17	+6	+1	+1	−21	0	−0.55
41685		08 29 51.25	+31 22 32.1	9.50		H	127.463 562 31	+31.375 595 04	A	4.88	3.74	−0.26	2.64	1.63	2.48	2.78	2.01	−39	+34	−23	−6	−12	+10	−14	+5	−15	−57	0	1.47
41686		08 29 51.65	+15 32 09.2	8.07		H	127.465 189 19	+15.535 890 07		3.91	−0.68	−5.70	1.10	0.68	1.23	1.14	0.78	−28	+43	−38	−41	+12	−26	−6	−6	−24	−19	0	0.76
41687		08 29 53.65	+22 26 32.4	9.89		H	127.473 524 07	+22.442 328 23		5.17	−30.71	−14.49	1.79	0.83	1.62	1.97	1.09	+8	+2	−20	−48	−13	−8	−7	+9	−18	−10	0	0.28
41688		08 29 55.19	+00 01 09.6	7.03	2	H	127.479 945 02	+00.019 322 56		9.64	−23.26	−15.23	0.80	0.61	1.05	1.07	0.77	−13	+28	−24	+20	+15	−34	+4	+50	−7	+0	0	1.33
*41689		08 29 55.67	+61 43 39.0	10.29		H	127.481 976 44	+61.727 498 97		52.33	530.62	−716.92	1.12	1.23	1.73	1.16	1.23	−18	+11	+7	+19	+10	+2	+19	−40	−6	+1	0	−0.29
*41690		08 29 55.66	−45 11 05.8	8.63		H	127.481 927 38	−45.184 935 26		11.47	18.74	62.38	0.65	0.63	0.78	0.82	0.73	−1	+0	+10	−16	+7	−7	+8	−10	+3	−16	0	0.99
41691		08 29 56.31	+37 04 15.5	7.88		G	127.484 620 93	+37.070 974 69		8.54	3.06	−3.75	0.86	0.52	0.94	1.05	0.73	−8	+12	−17	−20	−25	−13	−24	+12	+5	−29	0	−0.64
41692		08 29 56.45	−45 48 40.2	8.47		G	127.485 218 00	−45.811 160 95		2.20	−15.95	24.02	0.65	0.62	0.79	0.79	0.71	+0	+1	+10	−4	−4	+10	−4	+3	+7	−11	0	1.12
41693		08 29 57.80	−35 32 21.4	8.55		H	127.490 830 34	−35.539 264 90		2.27	−6.86	11.27	0.59	0.62	0.84	0.64	0.63	+8	−3	+8	+11	+1	+16	−1	−5	+10	+7	0	−0.30
41694		08 29 59.26	−16 42 57.3	8.48		H	127.496 918 01	−16.715 923 83		4.35	−14.53	−17.05	0.92	0.79	1.20	1.03	0.85	+1	+15	−33	−18	−19	−10	−21	−13	+10	−4	0	−0.92
41695		08 30 00.35	−54 49 39.6	8.37		H	127.501 473 34	−54.827 657 45		6.35	−9.58	−5.32	0.61	0.58	0.67	0.71	0.63	+12	−3	+5	+1	−2	+7	−3	+3	+14	+7	0	−1.07
41696	H	08 30 00.90	−60 42 53.8	8.94		H	127.503 759 35	−60.714 953 38	*	2.55	−0.13	−9.60	0.84	0.79	0.89	0.86	0.85	+11	+1	−4	+11	−15	+22	−20	−19	+16	−2	3	0.06
41697		08 30 03.77	−65 54 54.2	12.00		H	127.515 712 03	−65.915 041 68		1.41	−7.02	8.53	1.96	1.87	2.07	1.93	1.97	−1	−4	+1	−19	−10	−9	−11	−15	+0	−16	1	0.15
41698		08 30 04.06	−62 04 01.3	8.53		H	127.516 916 00	−62.067 040 28		3.12	−13.74	22.23	0.74	0.68	0.78	0.78	0.78	+3	+2	−8	−16	−5	−3	−7	−21	+18	−28	1	0.04
41699	H	08 30 05.67	+05 13 04.7	8.85		H	127.523 624 01	+05.217 977 39	B	0.90	7.54	−16.11	3.76	3.19	3.61	4.80	4.12	−22	+14	−28	−6	+1	−13	−10	+38	−23	−6	1	0.80
41700		08 30 09.98	+28 04 52.9	8.63		H	127.541 577 33	+28.081 358 57		7.43	−9.62	−22.62	0.94	0.62	1.07	1.15	0.88	−22	+34	−25	+4	−4	−31	−13	+38	−1	−14	0	2.13

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
41601	7.787	0.008	7.851	0.010	*	−0.054	0.011	T	−0.03	0.01	L *	7.8291	0.0013	0.012	125	*	7.81	7.85		D	08289−4811	I 1	2 C A	AB	105	0.364	0.003	0.51	0.03	S
41602	8.095	0.006	7.919	0.007		0.169	0.009	T	0.18	0.01	L	7.9611	0.0013	0.017	261		7.94	7.99					1							S
41603	6.598	0.006	6.666	0.006		−0.066	0.002	G	−0.04	0.00	H	6.6743	0.0010	0.008	82		6.65	6.69		C	08289−2057	I 1	1							S
41604	7.126	0.005	6.905	0.005		0.211	0.007	T	0.23	0.01	L	6.9460	0.0010	0.008	118		6.93	6.96		C			1							S
41605	10.843	0.056	9.303	0.026		1.293	0.049	T	1.25	0.05	L	9.3445	0.0016	0.016	60		9.31	9.37		C			1							
41606	10.452	0.053	9.141	0.028		1.114	0.047	T	1.08	0.05	L	9.1569	0.0022	0.017	122		9.12	9.19		C			1							
41607	8.498	0.011	7.166	0.006		1.130	0.010	T	1.09	0.01	L	7.2199	0.0009	0.009	124		7.20	7.24		C			1							S
41608	12.382	0.178	10.725	0.070		1.411	0.158	T	2.44	0.54	K	10.6941	0.0044	0.038	141		10.62	10.76					1							G
41609	9.711	0.025	8.634	0.017	A	0.926	0.015	G	0.97	0.02	I *	8.6241	0.0018	0.012	88	*	8.60	8.65		D	08289−1552	I 1	2 C B	AB	296	1.166	0.040	3.28	0.15	
41610	9.042	0.012	8.492	0.011		0.534	0.015	G	0.61	0.02	H	8.5633	0.0014	0.017	135		8.54	8.59					1							S
41611	8.083	0.006	7.993	0.007		0.081	0.008	T	0.09	0.01	L	8.0330	0.0012	0.015	232		8.01	8.06					1							
41612	9.459	0.020	9.507	0.029		−0.039	0.032	T	−0.02	0.03	L	9.5276	0.0028	0.020	88		9.48	9.58		C			1							G
41613	10.360	0.041	9.733	0.039		0.583	0.049	T	0.65	0.04	L	9.8155	0.0033	0.019	67		9.78	9.87		C			1							
41614	10.968	0.047	10.475	0.048		0.464	0.061	T	0.53	0.07	L	10.4735	0.0027	0.025	116		10.43	10.52		C			1							G
41615	9.523	0.016	8.430	0.011		0.944	0.015	T	0.93	0.01	L	8.4896	0.0026	0.022	128		8.45	8.52					1							
41616	7.080	0.011	7.171	0.011	B	−0.140	0.042	G	−0.18	0.01	L *	5.2942	0.0009	0.009	120	*	5.28	5.31		D	08291−4756	I 1	2 C A	AB	245	3.507	0.006	1.83	0.03	S D
41617	7.469	0.005	7.652	0.007		−0.160	0.008	G	−0.16	0.01	H	7.6498	0.0010	0.013	252		7.62	7.67					1							S
41618	8.605	0.010	6.923	0.005		1.390	0.015	G	1.36	0.02	H	6.9202	0.0007	0.006	110		6.91	6.93					1							S
41619	8.558	0.013	7.472	0.009		0.939	0.012	T	0.93	0.01	L	7.5219	0.0011	0.010	69		7.51	7.54		C			1							S
41620	9.272	0.015	8.568	0.013		0.636	0.015	T	0.70	0.01	L	8.6312	0.0015	0.015	101		8.60	8.65		C			1							
41621	5.627	0.003	5.811	0.003	*	−0.160	0.008	G	−0.15	0.03	C *	5.7842	0.0007	0.006	109	*	5.78	5.80		D	08291−4410	I 1	2 C A	AB	253	0.278	0.002	0.26	0.02	S
41622	7.701	0.008	7.721	0.011		−0.011	0.003	G	0.01	0.00	H	7.7357	0.0009	0.008	77		7.72	7.75		C			1							S
41623	9.143	0.017	7.420	0.008		1.438	0.015	T	1.43	0.02	L	7.3941	0.0011	0.011	67		7.38	7.42		C			1 S							S
41624	9.901	0.029	9.460	0.029		0.416	0.038	T	0.48	0.04	L	9.5103	0.0015	0.018	82		9.47	9.53					1							
41625	10.044	0.030	8.541	0.015		1.264	0.026	T	1.22	0.03	L	8.5527	0.0011	0.011	129		8.53	8.57		C			1							
41626	12.418	0.247	11.236	0.139		1.195	0.005	G	1.33	0.01	I	11.2607	0.0061	0.037	75		11.20	11.32		C			1							G
41627	8.624	0.007	7.539	0.005	*	0.938	0.007	T	0.93	0.01	L *	7.5805	0.0012	0.017	256	*	7.55	7.61		D	08292−2840	H 1	2 C A	AB	178	0.664	0.012	2.80	0.05	
41628	8.756	0.011	8.770	0.014		−0.008	0.016	T	0.01	0.01	L	8.7886	0.0017	0.013	98		8.77	8.81					1							
41629	6.808	0.004	6.901	0.004		−0.083	0.007	G	−0.06	0.01	H	6.8965	0.0007	0.007	155		6.89	6.91					1							S
41630	8.186	0.010	7.999	0.011		0.200	0.015	G	0.22	0.02	H	8.0123	0.0013	0.010	83		7.99	8.03		C			1 G							S
41631	9.570	0.017	9.054	0.017		0.494	0.018	T	0.57	0.02	L	9.1111	0.0021	0.015	101		9.09	9.14		C			1							
41632	8.233	0.010	8.249	0.012		−0.010	0.014	T	0.01	0.01	L	8.2654	0.0010	0.011	85		8.24	8.29		C			1							S
41633	9.778	0.019	8.563	0.012		1.039	0.018	T	1.01	0.01	L	8.6285	0.0019	0.018	144		8.60	8.66					1							
41634	9.899	0.020	8.472	0.011		1.230	0.015	G	1.19	0.01	H	8.4712	0.0010	0.009	114		8.45	8.49		D			1							
41635	9.226	0.017	7.976	0.011		1.066	0.016	T	1.03	0.01	L	8.0272	0.0016	0.010	61		8.01	8.05		C			1							S
41636	8.321	0.009	7.965	0.008		0.363	0.015	G	0.42	0.02	H	8.0192	0.0014	0.015	163		7.99	8.04					1							S
41637						1.237	0.020	G	1.40	0.02	I	12.1349	0.0065	0.077	99		12.00	12.26					1 X							G
41638	9.471	0.025	8.925	0.024		0.512	0.031	T	0.58	0.03	L	8.9965	0.0024	0.015	57		8.98	9.02			08295+2026	I 1	1							
41639	4.768	0.003	4.964	0.004	*	−0.168	0.006	G	−0.28	0.03	C *	4.9703	0.0006	0.007	126	*	4.96	4.99		D	08295−4443	I 1	2 C A	AB	351	4.614	0.006	1.91	0.03	S
41640	6.554	0.003	6.668	0.003		−0.098	0.004	T	−0.08	0.01	L	6.6614	0.0011	0.011	187		6.65	6.68					1							S
41641	11.199	0.065	10.127	0.040		1.040	0.015	G	1.09	0.02	I	10.0786	0.0036	0.021	74		10.04	10.12		C			1							
41642	9.388	0.015	8.936	0.015		0.426	0.019	T	0.49	0.02	L	8.9897	0.0015	0.017	122		8.96	9.02		C			1							
41643	9.095	0.013	7.949	0.008		0.985	0.012	T	0.97	0.01	L	8.0081	0.0014	0.011	124		7.99	8.03		C			1							
41644	6.300	0.004	6.424	0.004		−0.108	0.005	T	−0.09	0.01	L	6.4071	0.0015	0.012	124		6.38	6.42	3.72	P 1 A	08295−5413	I 1	1							S
41645	8.000	0.010	6.802	0.007		1.025	0.010	T	1.00	0.01	L	6.8633	0.0013	0.008	73		6.85	6.88		C			1							S
41646	8.979	0.011	7.570	0.006		1.190	0.010	T	1.15	0.01	L	7.6218	0.0011	0.013	155		7.60	7.65		M			1							
41647	7.690	0.008	7.822	0.011		−0.115	0.012	T	−0.10	0.01	L	7.8021	0.0021	0.017	74		7.78	7.84		U	08295−1845	I 1	1							S
41648	8.608	0.014	8.399	0.016		0.177	0.015	G	0.19	0.02	H	8.4522	0.0014	0.012	68		8.43	8.48		C			1							
41649	8.635	0.010	8.540	0.012	*	0.086	0.015	T	0.10	0.02	L *	8.5631	0.0020	0.016	127	*	8.54	8.59		D	08296−2117	H 1	2 C A	AB	325	0.381	0.022	2.34	0.11	S
41650	8.560	0.009	8.581	0.011	*	−0.015	0.013	T	0.01	0.01	L *	8.5112	0.0017	0.018	141	*	8.48	8.55		D	08296−3836	I 1	2 C A	AB	199	0.805	0.004	0.80	0.01	
41651	9.638	0.023	8.812	0.018	*	0.744	0.022	T	0.79	0.02	L *	8.7540	0.0024	0.016	70	*	8.73	8.78		D	08296+5203	I 1	2 C A	AC	315	0.902	0.004	0.37	0.02	
41652	8.135	0.013	6.950	0.007		1.015	0.012	T	0.99	0.01	L	6.9980	0.0013	0.008	66		6.98	7.02		C			1							S
41653	7.345	0.005	6.436	0.004		0.799	0.001	G	0.82	0.04	E	6.4972	0.0007	0.007	118		6.49	6.51		C	08296−5511	I 1	1							S
41654	8.823	0.014	8.644	0.017		0.171	0.021	T	0.19	0.02	L	8.7138	0.0015	0.012	68		8.70	8.74					1							
41655	10.534	0.038	9.086	0.019		1.221	0.033	T	1.18	0.03	L	9.1453	0.0019	0.021	88		9.11	9.20		D			1							
41656	8.049	0.007	8.087	0.009		−0.032	0.015	G	−0.01	0.01	H	8.1006	0.0015	0.013	139		8.08	8.12					1							
41657	9.472	0.012	8.228	0.008		1.061	0.011	T	1.03	0.01	L	8.2827	0.0011	0.012	176		8.26	8.31					1							S
41658	9.822	0.022	9.183	0.019		0.587	0.022	T	0.66	0.02	L	9.2407	0.0017	0.016	121		9.21	9.26					1							
41659	10.537	0.034	9.585	0.024		0.770	0.015	G	0.81	0.01	H	9.6281	0.0020	0.018	122		9.60	9.67		C			1							G
41660	8.304	0.012	7.158	0.008		0.986	0.009	G	0.97	0.01	H	7.2143	0.0015	0.009	81		7.19	7.23		C			1							S
41661						0.920	0.013	G	1.06	0.01	A	12.0827	0.0071	0.055	61		11.99	12.16					1							D
41662	11.896	0.117	10.397	0.046		1.261	0.099	T	1.22	0.10	L	10.3567	0.0051	0.039	105		10.30	10.43		R			1							G
41663						1.180	0.020	G	1.30	0.04	I	11.7431	0.0090	0.091	49		11.56	11.84		R			1							G
41664	9.598	0.021	8.292	0.013		1.122	0.020	T	4.23	0.16	O	7.5365	0.0731	0.424	77		6.79	7.94		U 2			1 S							P
41665	10.017	0.034	8.968	0.023		0.960	0.015	G	0.95	0.01	H	8.9843	0.0026	0.013	68		8.96	9.00		C			1							
41666	7.892	0.007	7.843	0.008		0.044	0.009	T	0.06	0.01	L	7.8630	0.0011	0.014	162		7.84	7.88					1							S
41667	7.301	0.005	7.281	0.006	*	0.023	0.007	T	0.04	0.01	L *	7.2967	0.0013	0.011	123	*	7.28	7.31			08297−6708	I 1	2 C S A	AC	234	0.117	0.013	0.75	0.43	S
41668	7.659	0.008	7.718	0.011		−0.050	0.012	T	−0.03	0.01	L	7.7159	0.0009	0.011	128		7.70	7.74		C			1							S
41669	8.508	0.011	8.288	0.012		0.180	0.015	G	0.20	0.02	H	8.3266	0.0012	0.011	107		8.31	8.34		C			1							S
41670	10.630	0.034	8.721	0.012		1.585	0.029	T	1.60	0.03	L	8.6722	0.0026	0.026	172		8.63	8.73		U 2			1							
41671						0.890	0.005	G	0.90	0.00	H	11.2299	0.0052	0.056	182		11.15	11.35		U			1 X S							G
41672	9.407	0.020	8.815	0.019		0.552	0.024	T	0.62	0.02	L	8.8672	0.0024	0.017	68		8.84	8.89		C			1							S
41673	11.415	0.080	9.863	0.031		1.303	0.068	T	1.26	0.07	L	9.9367	0.0028	0.029	112		9.88	9.99					1							
41674	5.814	0.003	5.960	0.004		−0.127	0.004	T	−0.12	0.01	L	5.9407	0.0010	0.007	108		5.93	5.95					1							S
41675	9.765	0.022	9.405	0.023		0.302	0.015	G	0.35	0.02	H	9.4598	0.0021	0.019	86		9.43	9.51		C			1							
41676	7.121	0.003	5.991	0.002		0.972	0.003	T	0.96	0.00	L	6.0510	0.0004	0.007	365		6.04	6.07					1							S
41677	8.783	0.014	7.701	0.010		0.936	0.013	T	0.93	0.01	L	7.7496	0.0012	0.008	76		7.73	7.76		C			1							S
41678	11.202	0.069	10.574	0.061		0.584	0.080	T	0.66	0.07	L	10.5695	0.0045	0.035	72		10.51	10.62					1							G
41679	6.781	0.005	6.799	0.007		−0.017	0.002	G	0.01	0.00	H	6.8137	0.0011	0.007	78		6.80	6.82		C	08298+2612	I 1	1 S							S
41680	9.069	0.014	9.080	0.018		−0.030	0.015	G	−0.01	0.01	H	9.1112	0.0016	0.017	106		9.08	9.14		C			1							
41681	10.159	0.025	9.233	0.019		0.805	0.024	T	0.83	0.02	L	9.3194	0.0024	0.020	116		9.29	9.36					1							
41682	10.328	0.031	9.837	0.031	B	0.462	0.040	T	0.53	0.04	L	10.0754	0.0099			B				D	08298+3122	I 2	1 C I B							
41683	8.446	0.011	7.251	0.007		1.023	0.010	T	1.00	0.01	L	7.3042	0.0010	0.009	96		7.29	7.32		C			1							S
41684	8.819	0.022	8.773	0.027		0.042	0.031	T	0.06	0.02	L	8.7405	0.0017	0.016	124		8.72	8.76		C			1							
41685	9.850	0.021	9.433	0.022	A	0.394	0.028	T	0.46	0.03	L	9.5852	0.0079	0.040	126	A	9.49	9.64		D	08298+3122	I 2	1 C P B							S
41686	8.216	0.011	8.094	0.013		0.123	0.015	G	0.14	0.01	H	8.1217	0.0021	0.011	50		8.10	8.14					1							S
41687	10.427	0.043	9.942	0.043		0.456	0.055	T	0.53	0.06	L	9.9881	0.0021	0.019	72		9.95	10.01		C			1							
41688	8.063	0.009	7.132	0.006		0.823	0.008	T	0.85	0.01	L	7.1886	0.0026	0.025	76		7.17	7.23		U 2			1							S
41689	12.129	0.143	10.451	0.046		1.345	0.026	G	1.56	0.04	I	10.3985	0.0035	0.031	133		10.33	10.45		C			1							G
41690	9.348	0.016	8.710	0.014		0.587	0.016	T	0.66	0.01	L	8.7537	0.0015	0.015	130		8.73	8.78		C			1							
41691	8.377	0.011	7.927	0.010		0.441	0.015	G	0.51	0.02	H	7.9810	0.0013	0.010	100		7.96	8.02					1							S
41692	9.959	0.022	8.571	0.012		1.190	0.015	G	1.15	0.01	H	8.6220	0.0018	0.015	124		8.60	8.65		C			1							
41693	8.465	0.008	8.515	0.010		−0.042	0.011	T	−0.02	0.01	L	8.5461	0.0015	0.019	148		8.51	8.59					1							
41694	10.130	0.032	8.633	0.016		1.260	0.028	T	1.22	0.03	L	8.6410	0.0022	0.017	86		8.61	8.66					1							
41695	8.655	0.010	8.412	0.012		0.232	0.015	T	0.26	0.02	L	8.4413	0.0017	0.014	105		8.42	8.47		C			1							
41696	10.220	0.024	9.080	0.016	*	0.980	0.023	T	0.96	0.02	L *	9.1003	0.0018	0.017	110	*	9.08	9.13		C	08300−6043	H 1	2 C S B	AB	67	0.185	0.040	2.10	0.71	
41697											T	12.1202	0.0081	0.071	112		12.01	12.26					1							D
41698	10.468	0.033	8.662	0.013		1.519	0.030	T	1.55	0.04	L	8.6410	0.0017	0.016	100		8.62	8.67		C			1							
41699	9.278	0.020	8.973	0.022	*	0.290	0.028	T	0.33	0.04	L *	8.9282	0.0034	0.015	63	*	8.91	8.97		D	08301+0513	I 1	2 C A	BA	178	0.689	0.004	0.46	0.02	
41700	9.161	0.019	8.669	0.019		0.463	0.024	T	0.53	0.03	L	8.7361	0.0010	0.012	86		8.71	8.75		C			1							

Number HIP (1)	(2)	Descriptor RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Std Err α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
41701		08 30 14.79	+48 19 33.2	9.17		H	127.561 610 20	+48.325 881 10		4.54	9.37	0.97	1.25	0.81	1.34	1.72	1.21	+5	+22	+1	−10	−9	+3	−7	+0	+9	+1	0	−1.34
41702	H	08 30 15.23	+40 22 13.7	10.07		H	127.563 460 33	+40.370 480 30	B	0.55	−28.84	−5.43	9.76	7.47	5.84	9.00	4.22	−69	+13	−8	+6	+0	+0	+3	+3	−10	+9	1	0.08
41703		08 30 15.65	−51 08 06.0	7.00		H	127.565 222 36	−51.135 001 29		9.55	63.04	14.14	0.48	0.42	0.52	0.54	0.47	+9	+18	+10	−5	−5	−10	−4	+1	+1	+1	0	−0.17
41704		08 30 16.03	+60 43 06.4	3.35		H	127.566 792 32	+60.718 431 10		17.76	−134.31	−107.73	0.40	0.44	0.65	0.40	0.47	−21	+17	−14	+35	+9	−7	+14	−22	+4	−10	1	2.22
41705		08 30 16.43	+04 05 43.3	8.61		H	127.568 471 71	+04.095 354 91		−0.58	−10.53	−2.13	0.93	0.60	1.11	1.07	0.74	−20	+47	−24	+10	+18	−8	+14	+33	+2	−7	0	−1.13
41706		08 30 17.85	−31 01 24.0	9.30		H	127.574 356 63	−31.023 344 16		7.54	27.48	−19.82	0.68	0.83	1.17	0.78	0.82	+4	+10	+5	+9	+8	+9	+7	−16	−2	+7	0	0.25
41707		08 30 19.01	−02 22 49.2	7.93		H	127.579 191 49	−02.380 321 20		1.98	−10.39	0.88	0.80	0.68	1.19	0.92	0.85	−29	+26	−36	−9	+0	−23	−13	+48	−34	−21	0	1.95
41708		08 30 19.32	−31 57 08.5	9.06		H	127.580 493 06	−31.952 369 59		1.76	−13.60	4.13	0.77	0.85	1.29	0.97	0.87	+13	−1	+1	+23	+18	+13	+16	−9	−5	+16	0	0.27
41709	H	08 30 20.09	−35 22 18.7	9.13		H	127.583 703 25	−35.371 861 87	A	0.49	−4.06	10.38	1.26	1.59	1.72	1.36	1.44	−3	−3	−6	+0	−4	+7	−5	−25	+1	−3	1	0.46
41710		08 30 20.32	+20 51 28.3	8.89		H	127.584 653 66	+20.857 855 43		3.74	0.63	−15.83	1.25	0.66	1.31	1.52	0.92	−10	+4	−17	−33	−3	−14	−2	+6	−12	−21	0	2.75
41711		08 30 22.70	−15 22 02.4	8.44		H	127.594 566 34	−15.367 334 47		4.23	−6.91	−3.96	0.77	0.72	1.05	0.88	0.81	−8	+19	−30	−17	−25	−7	−27	−1	−5	−16	0	−0.89
41712		08 30 22.77	+02 50 37.0	7.85		H	127.594 884 49	+02.843 615 43		1.75	−4.28	−5.73	0.80	0.63	1.10	1.09	0.76	−26	+21	−36	+8	+18	−27	+4	+42	−9	−8	0	−1.85
41713		08 30 23.03	+39 22 12.2	8.09		H	127.595 949 17	+39.370 048 54		5.61	−9.03	−4.54	1.26	0.84	1.35	1.48	0.98	−21	+55	−32	−16	+8	−10	+3	−0	+1	+13	2	2.41
41714		08 30 23.64	−30 30 44.4	9.09	1	G	127.598 507 74	−30.512 337 16		0.97	−6.44	4.39	0.54	0.67	0.98	0.58	0.66	+12	+0	−8	+8	+13	+1	+13	−3	+2	+20	0	−0.33
41715	H	08 30 23.71	+71 34 39.7	8.59		H	127.598 775 74	+71.577 683 84	A	2.85	0.38	−2.37	1.02	1.15	1.46	0.98	1.25	+8	+16	−5	−9	−10	+7	−12	+7	+0	+20	0	−0.48
41716		08 30 24.02	−36 43 12.0	8.49		G	127.600 074 65	−36.720 008 09		1.47	−6.44	4.60	0.50	0.66	0.79	0.56	0.65	+1	+8	+23	+9	+0	+4	−2	−5	+2	−8	1	−0.52
41717		08 30 24.46	−07 02 24.2	7.52		H	127.601 899 95	−07.040 067 64		5.39	−6.70	−11.18	0.80	0.64	1.05	0.97	0.75	−9	+24	−36	−11	+2	−24	−14	+41	−22	+10	0	0.73
41718		08 30 24.95	−25 19 03.2	8.74		H	127.603 952 02	−25.317 555 93		2.93	−7.32	0.27	0.73	0.72	1.08	0.83	0.81	−9	−18	−11	+8	+14	+0	+8	−13	−1	−38	0	0.53
41719		08 30 25.25	−13 28 06.5	7.33		H	127.605 192 60	−13.468 470 30		1.99	−13.32	6.98	0.67	0.55	0.82	0.86	0.67	−25	+18	−10	+2	−21	−5	−16	+13	+10	−44	4	1.27
41720		08 30 25.70	−59 12 50.7	8.77		H	127.607 072 54	−59.214 076 32		2.86	−3.19	−5.40	0.72	0.70	0.78	0.86	0.72	+4	−3	−5	−6	−9	+19	−8	−27	+12	+3	0	−0.11
41721		08 30 28.33	−26 18 28.0	11.38		H	127.618 036 81	−26.307 775 15		8.80	−15.32	21.39	2.08	1.86	3.01	2.45	1.99	−15	−5	−2	+24	−4	−2	−8	+3	−6	−35	0	0.70
41722		08 30 28.47	−12 38 01.3	7.79		H	127.618 614 31	−12.633 690 58		1.97	−9.01	0.73	0.81	0.67	0.96	1.01	0.80	−31	+15	−3	+24	−36	−12	−32	+48	+8	−39	0	1.78
41723		08 30 28.62	−32 09 33.4	5.61		G	127.619 248 98	−32.159 287 53		2.73	−12.67	0.97	0.36	0.44	0.62	0.45	0.45	+19	+2	+6	+3	+6	+13	+3	−27	+2	+16	0	1.09
41724		08 30 29.11	−42 54 34.1	8.97		H	127.621 300 35	−42.909 470 59		3.43	−3.90	4.09	0.71	0.71	0.90	0.83	0.75	+10	−1	+21	+25	+5	+10	+0	−5	+15	+4	0	0.76
41725		08 30 29.40	+45 06 54.0	9.20		H	127.622 491 08	+45.115 007 12		3.47	−5.02	−22.60	1.30	0.84	1.36	1.83	1.05	+8	+8	−20	+21	−4	−1	−4	+9	+0	+8	0	0.83
41726		08 30 29.80	−36 43 16.8	6.78	2	H	127.624 165 25	−36.721 337 46		0.71	−4.00	2.70	0.42	0.49	0.61	0.44	0.48	+5	+6	+17	−6	+5	+8	+2	−20	+2	−4	0	0.89
41727		08 30 31.02	+18 56 34.8	8.57		H	127.629 268 93	+18.943 002 53		4.44	−13.71	−11.05	1.22	0.74	1.35	1.46	0.76	−22	+22	−38	−31	−1	−6	−3	−13	−7	−23	0	0.36
41728		08 30 33.70	+28 57 57.1	9.05		H	127.640 422 58	+28.965 856 61		2.69	−20.22	−1.83	1.13	0.67	1.26	1.41	0.96	−7	+17	−18	−4	+2	−31	−6	+34	−9	+0	0	2.66
41729		08 30 34.23	+54 07 09.1	6.76		H	127.642 645 82	+54.119 181 99		7.65	−33.53	−14.24	0.72	0.51	0.78	0.93	0.60	+10	+17	−8	+36	+32	−8	+43	+1	−2	+54	0	0.69
41730		08 30 34.42	−40 30 42.0	7.05		H	127.643 413 08	−40.511 677 99		4.21	−7.75	6.23	0.48	0.53	0.65	0.51	0.53	+12	+3	+1	+6	−5	+3	−4	−29	+18	+12	0	−1.28
41731		08 30 34.84	+02 06 01.0	9.07		G	127.645 186 38	+02.100 266 57		4.41	−6.36	−3.22	1.14	0.94	1.55	1.46	1.11	−32	+30	−34	+10	+2	−22	−17	+58	−17	−6	0	−1.62
41732		08 30 34.88	−07 09 27.2	8.11	1	G	127.645 324 51	−07.157 568 84		4.22	−5.57	−1.61	1.01	0.77	1.15	1.21	0.88	−7	+30	−25	−15	−13	−16	−22	+40	−14	+9	0	0.21
41733		08 30 35.79	−10 11 51.6	7.66		G	127.649 108 34	−10.197 653 58		7.40	−1.48	10.84	0.78	0.68	1.09	0.84	0.85	−24	+20	−27	−19	−20	−11	−22	+34	−20	−34	6	1.82
41734		08 30 35.93	+46 17 10.3	8.37		H	127.649 714 61	+46.286 187 40		2.17	−18.36	−10.41	1.08	0.65	1.16	1.54	0.82	−6	+14	−13	+13	−9	−6	−9	+10	−4	−6	0	−0.13
41735		08 30 36.98	−27 50 03.3	7.85	1	H	127.654 102 07	−27.834 247 60		3.46	−3.41	−10.49	0.43	0.57	0.85	0.50	0.64	+4	+6	−18	−13	−15	+14	−12	+2	+2	+0	1	0.30
41736		08 30 38.77	−40 30 02.3	7.52	1	G	127.661 548 11	−40.500 634 36		2.70	4.52	−11.36	0.55	0.62	0.73	0.58	0.63	+10	+13	+3	+3	−5	+1	−5	−34	+8	+7	0	−0.58
41737	H	08 30 39.24	−44 44 14.4	6.30		G	127.663 490 41	−44.737 331 65	A	1.46	−9.65	4.90	0.62	0.56	0.67	0.70	0.61	−11	+7	+9	+5	−2	−22	−1	−4	+16	−29	8	1.01
41738		08 30 39.80	−05 23 56.6	9.74		G	127.665 839 50	−05.399 053 41		5.80	−15.25	−3.68	1.31	1.00	1.51	1.70	1.31	−20	+9	−12	−17	−6	−11	−7	+28	−7	−22	2	0.73
41739	H	08 30 41.68	+46 44 58.3	7.46		G	127.673 665 78	+46.749 536 81	A	8.75	−26.84	17.65	1.77	1.14	1.76	2.39	1.30	−4	+8	−5	−1	+12	+14	+5	+7	−8	+14	0	0.92
41740		08 30 43.77	−70 50 33.3	7.70		H	127.682 382 16	−70.842 582 40		5.13	−2.06	1.65	0.57	0.56	0.60	0.72	0.63	−14	+7	+17	−1	−18	+17	−16	+29	−7	−31	0	1.76
41741		08 30 44.24	+68 30 54.0	7.15		H	127.684 320 42	+68.515 001 15		4.64	−9.57	−27.67	0.37	0.49	0.75	0.43	0.62	+31	+17	+2	+4	−6	+11	−6	+13	+9	+34	0	0.81
41742		08 30 44.67	−25 26 04.6	8.75		H	127.686 114 28	−25.434 605 49		3.01	−0.19	−5.32	0.69	0.69	1.05	0.77	0.74	+5	−16	−12	+18	+15	+10	+8	−15	−6	−23	0	1.33
41743		08 30 44.70	+23 29 08.6	9.06		H	127.686 250 14	+23.485 720 46		6.10	−13.14	−9.34	1.29	0.70	1.40	1.92	0.95	−4	+10	−19	+14	+11	−27	+4	+20	−20	+1	0	1.50
41744	H	08 30 44.79	−43 10 30.3	9.05		H	127.686 640 32	−43.175 083 64	A	11.67	−25.71	47.31	1.39	1.23	1.49	1.57	1.27	−4	−8	+9	+4	+8	+11	+4	−4	+25	+1	1	0.16
41745		08 30 44.85	+57 25 11.5	9.23		H	127.686 895 23	+57.419 854 52		1.20	−1.00	−6.03	1.04	0.86	1.38	1.33	1.00	−4	+13	−21	−14	+8	+3	+10	−20	+18	+32	0	−1.06
41746	H	08 30 46.45	−41 30 54.2	6.62		H	127.693 530 57	−41.515 047 19	A	6.02	−48.45	15.39	0.60	0.63	0.68	0.64	0.60	−3	−2	+3	−11	+3	+19	+0	−36	+0	−11	3	−0.82
41747		08 30 46.53	−11 47 59.0	7.54		H	127.693 895 65	−11.799 723 35		2.19	−24.80	8.01	0.81	0.60	1.07	0.90	0.71	−9	+34	−10	+0	−24	−15	−22	+38	+2	−13	0	0.86
41748		08 30 46.61	+61 58 21.6	9.89		H	127.694 216 09	+61.972 676 04		4.37	−8.46	−28.32	1.00	1.03	1.53	0.97	1.10	−27	+4	+4	+12	+9	−7	+25	−41	−5	+3	0	1.02
*41749		08 30 48.79	+14 25 51.9	8.49	2	H	127.703 300 39	+14.431 094 59		3.64	−10.87	−3.75	1.26	0.85	1.69	1.56	1.15	−21	+14	−51	−45	+16	−38	−12	+29	−44	+4	0	0.89
*41750		08 30 48.79	−31 08 04.1	7.41		H	127.703 294 88	−31.134 481 74		4.28	−17.42	3.85	0.41	0.50	0.74	0.48	0.50	+19	+5	+2	+19	+11	+15	+8	−12	+3	+16	1	0.08
41751		08 30 49.33	+02 16 26.5	9.33	2	H	127.705 560 89	+02.274 026 38		4.11	−45.32	8.46	1.16	0.85	1.60	1.42	1.06	−24	+29	−27	+20	+18	−7	+9	+39	−20	−11	0	−1.74
41752		08 30 49.72	−17 27 51.6	8.77		H	127.707 176 33	−17.464 326 89		3.69	1.34	3.69	0.90	0.80	1.16	0.98	0.84	−16	+26	−24	+3	−29	−10	−30	+24	−4	−21	0	0.44
41753		08 30 50.70	+33 18 33.0	11.43		G	127.711 242 53	+33.309 160 95		8.65	−35.00	−166.94	2.26	1.45	2.89	3.02	2.04	−42	+3	+2	−19	−4	+15	−1	−8	−11	−74	0	−1.07
41754		08 30 50.74	−33 38 41.1	7.09		H	127.711 424 71	−33.644 754 20		11.93	−44.44	−1.57	0.45	0.48	0.69	0.48	0.48	+1	−7	−7	−12	+7	+13	+7	−17	+4	−4	1	0.12
41755		08 30 51.97	+78 13 42.6	7.08		H	127.716 532 13	+78.228 493 73		4.12	−5.14	−26.42	0.49	0.44	0.64	0.58	0.47	+3	+19	−12	−2	+1	+1	−2	+2	−12	+9	1	1.37
41756		08 30 52.66	−50 51 12.6	8.36		H	127.719 437 30	−50.853 513 05		2.70	−11.81	10.05	0.60	0.54	0.66	0.68	0.56	+1	+7	+14	+2	−1	−16	+1	−6	−1	−3	0	−0.65
41757		08 30 53.50	−15 50 04.8	6.75		H	127.722 924 37	−15.834 679 09		3.51	−10.53	1.19	0.64	0.53	0.83	0.77	0.56	−5	+23	−28	+7	−27	−7	−27	−1	−1	−3	0	−1.14
41758		08 30 55.77	+35 54 32.4	8.67		H	127.732 374 65	+35.908 996 05		5.78	−10.81	−31.51	1.02	0.63	1.16	1.48	0.83	−18	+2	−8	−3	−34	−23	−29	+18	+16	−43	0	−0.27
41759		08 30 55.91	−26 40 44.4	8.51		H	127.732 974 59	−26.678 993 54		7.12	−10.60	−18.58	0.71	0.65	1.02	0.86	0.72	−1	−7	−10	+29	+5	−8	+0	+7	−13	−19	0	−2.44
41760		08 30 56.02	+26 01 22.1	8.50		H	127.733 428 56	+26.022 806 23		0.98	−8.71	0.47	1.00	0.64	1.10	1.37	0.87	−9	+11	−27	+7	+16	−22	+10	+18	−6	+2	0	2.47
41761		08 30 56.53	+00 43 05.1	9.64		H	127.735 534 86	+00.718 089 18		10.50	27.31	−43.31	1.27	1.09	1.71	1.74	1.34	−24	+11	−17	+26	−2	−34	−10	+54	+0	−18	0	0.41
41762		08 30 58.12	+48 00 48.5	9.07		H	127.742 166 14	+48.013 461 15		6.02	−0.57	−8.12	1.57	1.00	1.41	1.70	1.36	−21	+45	−18	−10	−8	−12	−6	−18	+4	−3	0	−1.10
41763		08 30 58.52	−33 38 03.9	8.83		G	127.743 843 28	−33.634 416 82		2.71	−6.21	2.47	0.63	0.65	0.96	0.69	0.71	−6	−13	+0	−7	+8	+17	+9	−1	−3	−15	0	0.97
41764		08 30 59.65	−30 02 24.7	8.69		H	127.748 524 12	−30.040 194 81		13.07	53.79	−55.28	0.51	0.68	1.05	0.57	0.66	+22	−4	−10	+2	+9	−6	+8	−14	+3	+30	0	0.29
41765		08 31 00.49	+18 58 06.2	7.43		H	127.752 045 74	+18.968 391 71		10.55	−34.86	−2.84	0.93	0.57	1.05	1.18	0.68	−30	+32	−31	−14	+13	−2	+7	−10	−13	−23	0	0.64
41766		08 31 02.60	+01 20 14.4	7.76		G	127.760 814 47	+01.337 326 94		6.11	−42.15	−6.87	0.88	0.81	1.16	1.17	0.96	−34	+16	−24	+29	−9	−25	−22	+67	−7	−18	0	−0.80
41767		08 31 03.45	−15 11 04.8	7.82		H	127.764 359 50	−15.184 667 83		6.94	−36.58	−9.57	0.70	0.64	0.95	0.80	0.70	−19	+27	−35	−5	−24	−3	−25	+3	−3	−21	0	−0.48
41768		08 31 03.76	+40 03 20.2	7.06		H	127.765 664 90	+40.055 608 47		1.71	−23.10	−14.74	0.81	0.52	0.91	1.06	0.81	−13	+37	−10	+1	+5	+4	+6	+8	+4	−4	2	−0.25
41769		08 31 03.80	−14 00 43.5	7.47		H	127.765 831 27	−14.012 077 52		4.33	−10.64	4.57	0.75	0.60	0.96	0.93	0.71	−25	+27	−12	+4	−25	+5	−19	+10	+5	−43	0	0.76
41770		08 31 04.36	+35 21 45.6	8.38		H	127.768 177 86	+35.362 669 24		3.16	−9.85	−0.85	0.99	0.62	1.16	1.31	0.80	−27	+1	−6	+10	−37	−27	−34	+22	+20	−62	0	−1.23
41771		08 31 04.48	+38 17 29.7	7.35		H	127.768 677 68	+38.291 581 64		1.44	0.27	−5.85	0.88	0.56	1.10	1.07	0.72	−32	+32	−19	+1	+3	−6	−4	−5	−14	−34	0	0.81
41772		08 31 04.51	−20 18 14.7	7.41		H	127.768 786 94	−20.304 090 49		−0.27	−5.48	1.36	0.77	0.60	0.97	0.85	0.63	−13	+33	−19	+19	−23	+0	−19	+10	+5	−8	0	0.70
41773		08 31 04.79	−66 51 54.6	7.74		G	127.769 960 36	−66.865 168 94		7.87	−57.34	41.78	0.60	0.51	0.61	0.75	0.52	−2	+19	+3	+7	+11	−23	+12	−9	+10	−5	1	0.59
41774		08 31 05.94	−39 03 39.5	7.32	2	H	127.774 732 64	−39.060 975 29		1.06	−8.00	5.09	0.44	0.56	0.63	0.47	0.60	+8	+2	+6	+4	+1	+12	−3	−23	+1	−2	0	0.32
41775		08 31 07.33	+59 54 45.6	7.14		G	127.780 558 08	+59.912 661 95		4.08	−24.01	−34.93	0.60	0.48	0.76	0.79	0.61	−10	+23	−15	−43	−7	−6	−12	−28	+0	+25	0	0.99
41776		08 31 07.60	+09 11 54.1	7.99		G	127.781 678 15	+09.198 370 57		16.70	−128.85	11.24	0.95	0.56	1.00	1.15	0.77	−5	+27	−21	−29	−6	−19	−16	+21	−14	+6	0	−0.85
41777		08 31 08.96	−54 05 19.1	8.22		G	127.787 344 02	−54.088 643 22		23.16	62.65	151.72	0.57	0.59	0.67	0.72	0.67	+8	+12	+19	+8	−3	+2	−3	−6	+7	+5	0	−2.06
41778		08 31 09.58	+49 18 54.0	8.28		G	127.789 901 50	+49.314 998 75		4.89	3.84	−30.37	0.93	0.65	1.03	1.41	0.86	+11	+12	−11	−6	−12	+18	−8	−5	+13	+20	0	−0.91
41779		08 31 09.82	+54 57 35.4	7.63		H	127.790 931 58	+54.959 832 21		4.89	−2.93	−0.27	0.70	0.55	0.93	0.77	0.54	−7	+18	−1	−51	+3	−4	−2	−40	+14	+33	0	0.95
41780		08 31 10.56	−23 55 14.1	8.39		H	127.794 018 71	−23.920 584 32		1.88	−2.51	2.10	0.61	0.65	1.05	0.79	0.72	−19	+16	−4	+18	+4	+2	+0	+2	+1	−36	0	0.16
41781		08 31 10.64	−47 51 59.9	6.39		G	127.794 327 95	−47.866 640 25		3.10	−13.82	8.49	0.47	0.41	0.52	0.59	0.47	−1	+16	−2	−5	+9	−4	+9	−13	+8	−9	0	−0.27
41782		08 31 10.66	+40 13 29.8	6.71	1	H	127.794 422 83	+40.224 950 21		6.81	−24.45	−24.82	0.80	0.50	0.87	0.98	0.76	−14	+39	−13	+1	+2	+6	+5	+6	+3	−11	0	−0.98
41783		08 31 10.79	−10 56 15.4	8.05		H	127.794 949 24	−10.937 600 81		2.85	−10.48	−18.91	0.78	0.78	1.12	0.91	0.96	−34	+27	−27	+8	−23	−12	−28	+47	−17	−36	0	−0.90
41784		08 31 11.29	−47 39 57.4	8.58	2	H	127.797 032 39	−47.665 955 94		−0.24	−3.43	2.68	0.77	0.70	0.87	1.05	0.86	−1	+1	−3	+4	+7	−3	+4	−20	+12	−10	0	−1.13
41785		08 31 12.28	−60 13 19.5	10.99		H	127.801 177 09	−60.222 071 87		1.41	31.87	1.45	1.27	1.30	1.40	1.37	1.36	+1	−15	+4	−1	−14	+7	−16	−21	+12	−2	1	−0.75
41786		08 31 12.41	+07 00 23.0	8.19		H	127.801 720 42	+07.006 378 13		1.55	−12.06	12.45	1.13	0.68	1.30	1.32	0.91	−19	+42	−43	−13	+19	−23	+0	+22	−25	+3	0	0.17
41787		08 31 12.91	+47 45 54.6	9.15		H	127.803 810 72	+47.765 164 26		3.41	6.60	−13.31	1.24	0.91	1.38	1.84	1.40	−7	+18	+6	+14	−11	+4	−11	+15	+1	−18	0	0.93
41788		08 31 12.98	+18 09 13.2	9.87		H	127.804 095 84	+18.153 680 14		4.21	−36.69	−11.21	1.40	0.82	1.48	1.46	0.97	−24	+40	−22	−40	+0	−32	−6	+0	−5	−28	0	0.90
41789		08 31 13.56	−09 26 25.4	9.13		H	127.806 511 46	−09.440 390 88		1.63	−14.88	7.56	1.11	0.92	1.48	1.23	1.15	−26	+35	+1	−18	−44	−24	−31	+38	+6	−53	0	−0.43
41790	H	08 31 15.10	+11 51 18.6	8.41		H	127.812 937 34	+11.855 178 98	*	8.22	−21.79	−21.30	2.18	2.45	1.47	2.20	1.22	+9	+10	−18	−25	+0	+2	−14	+31	−6	+26	2	−0.10
41791		08 31 15.88	+25 44 25.7	7.57		G	127.816 169 50	+25.740 467 41		7.95	−19.50	−24.80	0.82	0.54	0.93	1.14	0.73	−17	+19	−24	+10	+16	−27	+8	+26	−1	+3	2	1.68
41792		08 31 16.17	+11 38 18.6	7.40		H	127.817 362 37	+11.638 494 04		3.48	−5.31	−36.02	0.99	0.62	1.07	1.41	0.85	−6	+20	−25	−16	+4	−6	−5	+25	−5	+15	0	1.53
41793		08 31 16.80	−59 13 37.4	8.07	3	T	127.820 016 33	−59.227 068 14		2.02	−2.77	11.57	0.58	0.57	0.64	0.69	0.59	+7	−20	−5	+4	−10	+0	−13	−26	+24	+5	4	−2.63
41794		08 31 17.00	−18 47 49.1	8.08		H	127.820 831 95	−18.796 963 51		3.60	−11.33	0.50	0.84	0.65	1.04	1.09	0.74	+0	+7	−26	−9	−19	−12	−20	+0	+4	−3	0	0.76
41795		08 31 18.09	−68 35 21.8	10.69		H	127.825 354 66	−68.589 389 50		28.73	49.40	−44.92	1.19	1.15	1.29	1.49	1.30	−9	+19	−11	−5	+2	−19	+1	−3	+4	−19	1	−0.99
*41796		08 31 19.93	−84 41 06.1	8.91	2	H	127.833 052 73	−84.685 033 87	A	1.29	6.21	0.14	1.22	1.26	1.25	1.48	1.45	−5	+20	−1	+15	+9	+0	+10	−12	−2	−3	5	−0.29
*41797		08 31 19.10	−17 00 19.5	8.85		H	127.829 589 32	−17.005 404 31		2.65	−8.68	−0.02	0.87	0.68	1.08	0.85	0.72	−9	+37	−11	−16	−24	−14	−22	+7	+0	−19	0	1.18
41798		08 31 19.98	+37 15 54.1	6.18		H	127.833 235 49	+37.265 015 10		4.13	−14.56	−29.85	0.77	0.45	0.83	0.99	0.65	−24	+3	−12	−38	−5	+12	+4	−9	−10	−54	0	1.83
41799		08 31 20.50	−02 31 21.5	8.81		G	127.835 409 77	−02.522 650 88		6.54	−15.19	−3.58	0.87	0.76	1.34	1.04	0.94	−27	+23	−36	−16	+7	−30	−9	+35	−33	−14	0	1.50
41800		08 31 21.63	−65 31 22.0	7.45		H	127.840 115 37	−65.522 787 31		4.45	−6.65	4.50	0.47	0.46	0.52	0.46	0.42	−2	−9	+22	−3	−6	−5	−6	−15	+4	−11	1	1.36

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
41701	9.686	0.026	9.217	0.026		0.442	0.034	T	0.51	0.04	L	9.2677	0.0027	0.013	67		9.24	9.30		C			1							
41702	10.758	0.046	10.179	0.042	*	0.541	0.055	T	0.61	0.06	L *	10.1880	0.0034	0.032	96	*	10.13	10.23		D	08303+4022	M 1	2 C A	BA	253	0.499	0.014	0.14	0.03	
41703	7.253	0.005	7.014	0.005		0.203	0.002	G	0.22	0.00	H	7.0601	0.0007	0.009	137		7.05	7.07					1							S
41704	4.426	0.002	3.450	0.002		0.856	0.002	T	0.87	0.00	L	3.5041	0.0004	0.004	134		3.50	3.51			08303+6043	I 1	1							S
41705	8.811	0.013	8.618	0.014		0.185	0.018	T	0.20	0.02	L	8.6766	0.0012	0.011	90		8.66	8.70					1							S
41706	10.239	0.023	9.378	0.017		0.771	0.021	T	0.81	0.01	L	9.4458	0.0022	0.026	194		9.40	9.49		C			1 S							
41707	7.816	0.012	7.905	0.010		−0.086	0.006	G	−0.07	0.01	H	7.9063	0.0011	0.008	68		7.89	7.92		C			1							S
41708	10.281	0.025	9.148	0.015		0.975	0.023	T	0.96	0.02	L	9.2265	0.0025	0.026	166		9.19	9.27					1							
41709	11.218	0.060	9.486	0.020	A						T *	9.2962	0.0019	0.022	151	*	9.27	9.34		D	08303−3522	I 1	2 C A	AB	167	3.718	0.008	1.40	0.03	
41710	10.100	0.031	8.958	0.021		0.982	0.029	T	0.96	0.02	L	9.0520	0.0016	0.010	62		9.03	9.07		C			1							
41711	8.457	0.010	8.440	0.013		0.016	0.014	T	0.04	0.01	L	8.4562	0.0011	0.014	102		8.43	8.48		C			1							
41712	9.624	0.022	8.007	0.011		1.354	0.019	T	1.32	0.02	L	8.0030	0.0011	0.013	93		7.98	8.02		C			1							
41713	9.317	0.017	8.201	0.012		0.962	0.016	T	0.95	0.01	L	8.2575	0.0013	0.013	87		8.24	8.28		C			1 G							S
41714	9.112	0.010	9.074	0.012		0.028	0.007	G	0.04	0.01	H	9.1008	0.0027	0.035	235		9.04	9.15	4.49	P 1 A			1							
41715	9.862	0.016	8.724	0.011	*	0.979	0.015	T	0.96	0.01	L *	8.7582	0.0016	0.020	176	*	8.73	8.80		D	08304+7135	M 1	2 C A	AB	323	0.701	0.009	2.24	0.04	S
41716	8.345	0.007	8.441	0.010		−0.085	0.015	G	−0.07	0.02	H	8.4588	0.0014	0.015	155		8.44	8.49					1							
41717	7.566	0.008	7.529	0.010		0.039	0.012	T	0.05	0.01	L	7.5427	0.0017	0.007	62		7.53	7.55		C			1							S
41718	10.023	0.025	8.842	0.015		1.012	0.023	T	0.99	0.02	L	8.9038	0.0019	0.019	120		8.87	8.96		C			1							
41719	7.376	0.005	7.322	0.006		0.055	0.007	T	0.07	0.01	L	7.3498	0.0011	0.011	94		7.34	7.37					1							S
41720	10.164	0.030	8.894	0.017		1.082	0.027	T	1.04	0.02	L	8.9439	0.0019	0.017	113		8.92	8.97		C			1							
41721											T	11.5014	0.0078	0.067	114		11.39	11.61					1 S							G
41722	7.887	0.008	7.800	0.011		0.078	0.012	T	0.09	0.01	L	7.8257	0.0013	0.012	89		7.81	7.85					1							
41723	7.584	0.006	5.779	0.003		1.509	0.003	G	1.48	0.04	E	5.7575	0.0005	0.006	192		5.75	5.77		C			1							S
41724	10.152	0.024	9.053	0.016		0.949	0.022	T	0.94	0.02	L	9.1349	0.0022	0.017	119		9.10	9.16					1							
41725	9.732	0.020	9.233	0.020		0.469	0.026	T	0.54	0.03	L	9.3016	0.0028	0.020	79		9.27	9.35		C			1							S
41726	9.264	0.012	7.010	0.005		1.903	0.011	T	2.85	0.05	O	6.7316	0.0155	0.113	151		6.58	6.89		U 2 C			1 S							S P
41727	10.223	0.047	8.753	0.024		1.238	0.041	T	1.20	0.04	L	8.7318	0.0021	0.014	57		8.70	8.75					1							
41728	10.856	0.065	9.197	0.025		1.387	0.055	T	1.36	0.07	L	9.2032	0.0027	0.015	79		9.18	9.23		C			1							
41729	6.729	0.006	6.753	0.007		−0.021	0.005	G	−0.01	0.00	L	6.7615	0.0009	0.007	76		6.75	6.77					1							S
41730	6.932	0.004	7.027	0.005		−0.081	0.006	T	−0.06	0.01	L	7.0239	0.0011	0.011	126		7.01	7.04			08306−4030	I 2	1							S
41731	9.378	0.020	9.102	0.022		0.288	0.015	G	0.33	0.02	H	9.1351	0.0024	0.016	73		9.11	9.18		C			1							
41732	7.963	0.011	8.104	0.014		−0.135	0.005	G	−0.09	0.02	A	8.0782	0.0024	0.017	62		8.05	8.11		U 2			1 G							S
41733	8.098	0.010	7.685	0.009		0.371	0.015	G	0.43	0.02	H	7.7478	0.0016	0.012	86		7.73	7.76					1							S
41734	9.789	0.027	8.499	0.016		1.097	0.025	T	1.06	0.03	L	8.5420	0.0019	0.016	77		8.52	8.57		C			1							
41735	8.290	0.008	7.882	0.008		0.382	0.004	G	0.45	0.00	H	7.9362	0.0010	0.013	191		7.92	7.97		M			1 S							S
41736	9.557	0.015	7.684	0.007		1.497	0.015	G	1.52	0.02	H	7.6477	0.0015	0.013	125		7.63	7.67		M	08306−4030	I 2	1							
41737	6.257	0.003	6.313	0.004	A	−0.007	0.045	G	0.06	0.03	C *	6.2950	0.0006	0.006	133	*	6.28	6.30		D	08307−4444	I 1	2 C C	AB	75	3.450	0.034	4.21	0.15	S
41738	10.452	0.048	9.816	0.044		0.570	0.020	G	0.64	0.02	H	9.8569	0.0027	0.019	63		9.82	9.90		C			1							
41739	7.980	0.011	7.527	0.011	A	0.422	0.016	G	0.49	0.02	L *	7.5522	0.0011	0.008	78	*	7.53	7.57		D	08307+4645	M 1	2 C B	AB	345	1.077	0.035	3.05	0.17	S
41740	7.946	0.009	7.731	0.009		0.199	0.013	T	0.22	0.01	L	7.7621	0.0012	0.011	101		7.75	7.78		C			1							S
41741	7.149	0.004	7.144	0.005		0.016	0.004	G	0.04	0.00	H	7.1597	0.0008	0.009	225		7.14	7.17					1							S
41742	8.829	0.012	8.767	0.015		0.056	0.017	T	0.07	0.01	L	8.7735	0.0017	0.017	117		8.74	8.80		C			1							
41743	9.611	0.024	9.134	0.022		0.449	0.030	T	0.52	0.03	L	9.1559	0.0027	0.015	72		9.12	9.18		C			1							
41744	9.915	0.022	9.159	0.018	*	0.675	0.021	T	0.73	0.02	L *	9.1838	0.0023	0.021	126	*	9.15	9.22		D	08307−4311	I 1	2 C A	AB	247	0.722	0.006	1.52	0.03	
41745	11.170	0.058	9.397	0.021		1.477	0.049	T	1.49	0.07	L	9.3575	0.0028	0.027	117		9.31	9.41					1							
41746	8.012	0.007	6.805	0.005	A	0.900	0.495	G	1.02	0.01	L *	6.7850	0.0009	0.008	144	*	6.77	6.80		D	08308−4131	I 1	2 C A	AB	214	3.623	0.009	2.76	0.04	S
41747	9.170	0.018	7.660	0.010		1.270	0.016	T	1.23	0.02	L	7.7005	0.0012	0.009	78		7.68	7.72					1							S
41748	10.274	0.031	9.882	0.032		0.371	0.041	T	0.43	0.04	L	9.9728	0.0029	0.024	115		9.92	10.01		C			1							
41749	10.528	0.047	8.725	0.019		1.532	0.042	T	2.51	0.09	O	8.5085	0.0117	0.090	52		8.40	8.62		U 2			1 S							P
41750	7.244	0.004	7.388	0.006		−0.119	0.001	G	−0.10	0.00	H	7.3716	0.0010	0.010	193		7.35	7.39					1							S
41751	10.230	0.035	9.408	0.028		0.725	0.034	T	0.78	0.02	L	9.4731	0.0073	0.163	75		9.41	9.94		P 1 A			1 S							
41752	9.973	0.029	8.886	0.019		0.940	0.027	T	0.93	0.02	L	8.9293	0.0024	0.019	98		8.90	8.96		C			1							
41753						0.935	0.020	G	0.98	0.02	I	11.5992	0.0051	0.048	124		11.51	11.67					1							G
41754	7.411	0.004	7.114	0.005		0.282	0.007	T	0.32	0.01	L	7.1589	0.0009	0.010	165		7.14	7.18					1							S
41755	8.257	0.008	7.180	0.006		0.932	0.008	T	0.93	0.01	L	7.2423	0.0008	0.009	134		7.23	7.26		C			1							S
41756	8.270	0.008	8.346	0.011		−0.065	0.012	T	−0.04	0.01	L	8.3410	0.0013	0.014	134		8.31	8.37		C			1							
41757	8.796	0.013	6.917	0.006		1.561	0.011	T	1.58	0.01	L	6.8673	0.0016	0.009	88		6.85	6.88					1							S
41758	8.909	0.012	8.706	0.014		0.194	0.017	T	0.21	0.02	L	8.7364	0.0014	0.015	106		8.71	8.76					1							
41759	9.095	0.012	8.554	0.012		0.514	0.013	T	0.59	0.01	L	8.6272	0.0018	0.015	123		8.60	8.66					1							
41760	10.675	0.050	8.668	0.017		1.663	0.042	T	1.69	0.04	L	8.6065	0.0028	0.016	75		8.58	8.63					1							
41761	10.485	0.044	9.767	0.037		0.646	0.043	T	0.71	0.04	L	9.7759	0.0036	0.022	67		9.73	9.81					1							
41762	9.686	0.022	9.130	0.021		0.521	0.027	T	0.59	0.03	L	9.1854	0.0015	0.014	77		9.16	9.21					1 G							
41763	8.866	0.011	8.773	0.014		0.039	0.015	G	0.05	0.01	H	8.8241	0.0016	0.019	166		8.79	8.86					1							
41764	9.394	0.011	8.753	0.010		0.589	0.011	T	0.66	0.01	L	8.8118	0.0016	0.023	286		8.78	8.85					1 S							
41765	7.737	0.009	7.447	0.012		0.276	0.014	T	0.31	0.02	L	7.5035	0.0015	0.011	58		7.48	7.52		C			1							S
41766	8.033	0.013	7.769	0.013		0.254	0.015	G	0.29	0.02	H	7.8264	0.0013	0.011	63		7.80	7.85		C			1							S
41767	8.201	0.010	7.873	0.011		0.355	0.015	G	0.42	0.02	H	7.9088	0.0014	0.012	98		7.88	7.93					1							S
41768	7.263	0.006	7.076	0.006		0.158	0.003	G	0.17	0.00	H	7.1178	0.0009	0.007	87		7.10	7.13		C			1							S
41769	7.772	0.009	7.516	0.011		0.240	0.014	T	0.27	0.02	L	7.5431	0.0013	0.010	79		7.53	7.56		C			1							S
41770	9.522	0.018	8.498	0.013		0.892	0.017	T	0.90	0.01	L	8.5415	0.0015	0.013	109		8.51	8.56					1							
41771	9.387	0.016	7.505	0.007		1.564	0.014	T	1.58	0.01	L	7.4647	0.0013	0.011	100		7.44	7.48					1							S
41772	7.543	0.008	7.432	0.010		0.108	0.012	T	0.12	0.01	L	7.4502	0.0014	0.011	83		7.43	7.47					1							S
41773	8.130	0.009	7.773	0.008		0.343	0.015	G	0.40	0.02	H	7.8261	0.0012	0.012	120		7.81	7.85					1							S
41774	7.232	0.006	7.301	0.008		−0.058	0.009	T	−0.04	0.01	L	7.3098	0.0068	0.058	141		7.23	7.37		U 2 C			1							S P
41775	7.949	0.007	7.222	0.006		0.661	0.015	G	0.72	0.01	H	7.2783	0.0009	0.010	133		7.26	7.30					1							S
41776	8.547	0.012	8.057	0.012		0.480	0.015	G	0.55	0.02	H	8.0938	0.0009	0.008	61		8.08	8.11		D			1							S
41777	9.192	0.013	8.281	0.010		0.790	0.015	G	0.83	0.01	H	8.3546	0.0013	0.013	109		8.33	8.37					1							
41778	8.850	0.013	8.322	0.013		0.498	0.015	G	0.57	0.02	H	8.3876	0.0017	0.010	71		8.35	8.40		C			1							S
41779	7.711	0.007	7.639	0.008		0.071	0.010	T	0.08	0.01	L	7.6591	0.0012	0.012	136		7.64	7.68					1							S
41780	9.883	0.021	8.515	0.011		1.158	0.019	T	1.12	0.02	L	8.5532	0.0018	0.018	154		8.52	8.58					1							
41781	6.189	0.003	6.355	0.004		−0.147	0.004	G	−0.14	0.01	H	6.3352	0.0008	0.006	126		6.33	6.35					1							S
41782	6.846	0.006	6.729	0.006		0.113	0.008	T	0.13	0.01	L	6.7568	0.0011	0.009	92		6.74	6.77	6.80	P 1 A			1							S
41783	9.657	0.023	8.182	0.012		1.242	0.020	T	1.20	0.02	L	8.2150	0.0010	0.012	85		8.19	8.23		D			1							
41784	9.647	0.020	8.730	0.015		0.813	0.019	T	0.84	0.01	L	8.7287	0.0037	0.028	128		8.69	8.78		P 1 A			1 S							
41785	11.687	0.097	11.121	0.101		1.000	0.020	G	0.98	0.02	R	11.1571	0.0043	0.035	104		11.10	11.23		C			1							G
41786	10.045	0.030	8.329	0.013		1.432	0.026	T	1.42	0.04	L	8.3308	0.0017	0.010	63		8.32	8.35		C			1							
41787	9.680	0.022	9.230	0.022		0.424	0.029	T	0.49	0.03	L	9.2511	0.0026	0.019	83		9.22	9.28		C	08312+4746	I 1	1 S							
41788	10.349	0.042	9.903	0.043		0.421	0.055	T	0.49	0.06	L	9.9584	0.0031	0.022	64		9.90	10.00		C			1							
41789	9.210	0.013	9.126	0.017		0.083	0.020	T	0.10	0.02	L	9.1642	0.0023	0.020	122		9.12	9.19					1							S
41790	8.925	0.016	8.462	0.015	*	0.436	0.020	T	0.50	0.02	L *	8.5058	0.0020	0.013	66	*	8.49	8.53		D	08313+1151	H 1	2 C A	AB	269	0.236	0.015	0.98	0.26	S
41791	7.754	0.009	7.565	0.010		0.181	0.013	T	0.20	0.01	L	7.6192	0.0016	0.010	81		7.60	7.65					1							S
41792	9.113	0.018	7.524	0.010		1.332	0.016	T	1.30	0.02	L	7.5517	0.0012	0.009	64		7.53	7.56		C			1							S
41793	8.131	0.008	8.073	0.010		0.052	0.011	T	0.06	0.01	L	7.9993	0.0400	0.275	112		7.83	8.59	1.08	P 1 A			1							
41794	9.857	0.027	8.218	0.013		1.371	0.024	T	1.34	0.03	L	8.2269	0.0017	0.012	77		8.20	8.24					1							
41795	12.535	0.265	10.960	0.096		1.296	0.020	G	1.35	0.14	K	10.8057	0.0024	0.035	112		10.75	10.86		D			1							G
41796	10.375	0.041	9.008	0.022	A	1.158	0.037	T	1.12	0.03	L	9.0764	0.0282	0.035	111	A	9.02	9.14		U	08314−8441	I 1	2 C D	AB	63	19.785	0.075	2.90	0.36	D
41797	8.840	0.013	8.853	0.017		−0.010	0.019	T	0.01	0.02	L	8.8551	0.0021	0.016	89		8.83	8.88					1							
41798	6.129	0.004	6.176	0.003		−0.039	0.002	G	−0.02	0.00	H	6.1798	0.0008	0.007	96		6.17	6.19		C			1							S
41799	9.379	0.020	8.839	0.019		0.490	0.015	G	0.56	0.02	H	8.9109	0.0018	0.011	71		8.89	8.93		C			1							
41800	7.368	0.006	7.427	0.008		−0.055	0.007	G	−0.03	0.01	H	7.4340	0.0010	0.013	121		7.41	7.45					1 S							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
41801		08 31 21.74	+22 02 51.4	10.61		G	127.840 586 58	+22.047 599 98		5.29	−29.37	−6.51	1.78	1.01	1.97	2.34	1.48	−15	+24	−16	−18	+1	−20	−6	+16	−22	−11	0	−0.07
41802		08 31 21.87	−06 02 01.3	11.19		G	127.841 111 83	−06.033 696 07		46.02	−470.79	−48.21	4.93	4.28	6.28	6.28	5.56	−22	+6	−20	−2	−9	−19	−12	+37	−17	−21	0	
41803		08 31 22.32	−48 44 57.0	7.97		G	127.842 999 69	−48.749 154 03		3.91	−11.55	1.53	0.56	0.49	0.61	0.63	0.51	+1	+7	+11	−5	+2	+3	+1	−11	+3	−3	0	0.00
41804		08 31 23.92	−19 30 20.4	7.12		H	127.849 675 29	−19.505 656 10		9.01	−14.78	−14.41	0.64	0.53	0.84	0.79	0.60	−9	+19	−22	+2	−9	−7	−10	+1	−1	−5	0	2.63
41805		08 31 24.03	+53 07 19.9	7.98		H	127.850 112 61	+53.122 205 31		3.54	10.96	−19.07	0.97	0.74	1.13	1.37	1.15	−21	+22	−1	+29	−5	+12	−5	+21	−1	−17	0	0.54
*41806	H	08 31 24.70	−39 03 50.9	6.31		H	127.852 912 67	−39.064 132 61	A	2.09	−5.92	9.30	0.68	0.83	0.90	0.68	0.81	−7	−6	+8	+5	−2	+19	−4	−1	+6	−14	1	3.28
*41807		08 31 24.68	+68 45 40.4	9.98		H	127.852 832 42	+68.761 224 91		3.87	−17.62	−5.81	0.88	1.19	1.83	1.04	1.30	+28	+10	−12	+18	−3	+21	+1	+20	+11	+32	1	1.64
41808		08 31 26.64	+71 01 28.4	8.22		H	127.860 987 49	+71.024 565 44		5.66	−13.21	−30.22	0.59	0.64	0.89	0.64	0.80	+20	−3	−14	−25	−19	+12	−22	−11	+5	+35	0	0.57
41809	H	08 31 27.51	+72 17 28.6	7.71		H	127.864 622 69	+72.291 265 00	A	4.02	9.55	−14.31	0.85	0.92	1.17	0.88	1.08	+14	+19	−7	+15	+5	+5	+7	−2	+1	+26	0	0.05
41810		08 31 27.93	+54 27 38.8	9.58		H	127.866 395 63	+54.460 782 27		21.51	−168.32	−155.65	1.29	0.99	1.45	1.55	1.32	+16	+29	−3	−8	−6	−8	+16	+6	+28	−9	0	0.04
41811	H	08 31 28.03	−25 40 55.9	7.77	2	H	127.866 785 95	−25.682 183 99	A	3.67	−8.83	6.60	0.92	0.96	1.25	0.93	0.96	−9	−8	−10	+12	+4	+19	+2	−17	−3	−25	2	−0.88
41812		08 31 29.20	+24 58 52.2	8.47	2	H	127.871 655 47	+24.981 176 93		1.78	1.61	1.27	0.90	0.59	1.03	1.13	0.71	−18	+22	−24	+1	+14	−32	+6	+13	+0	−6	0	1.52
41813		08 31 29.57	−54 23 38.1	6.34		H	127.873 212 43	−54.393 905 06		6.64	15.43	−43.10	0.41	0.42	0.47	0.50	0.43	+16	+5	+20	+11	−4	+4	−5	−5	+14	+8	1	−1.66
41814		08 31 30.26	−09 19 38.3	9.16		H	127.876 102 62	−09.327 295 52		3.10	18.15	−23.78	1.18	1.01	1.55	1.39	1.29	−32	+27	+8	−18	−48	−28	−28	+50	+20	−62	2	−0.53
*41815		08 31 30.60	+47 08 08.2	9.59		H	127.877 486 73	+47.135 624 39		13.70	−103.87	−45.09	1.40	0.88	1.59	1.93	1.21	−4	+26	−2	+1	+10	+12	+4	−7	−20	−7	0	0.08
*41816		08 31 30.57	+24 04 52.4	5.71	1	H	127.877 380 17	+24.081 216 18		13.75	−82.12	−45.72	0.72	0.46	0.78	0.90	0.60	−4	+12	−14	−2	+5	−29	+2	+14	−3	−9	0	0.26
41817	H	08 31 30.94	−19 34 38.8	5.42		G	127.878 933 32	−19.577 439 56	*	8.56	−33.24	−9.14	0.86	0.70	0.79	0.69	0.59	−17	+18	−2	+17	−9	−4	−6	−2	+8	−27	2	0.30
41818		08 31 31.32	+17 20 09.1	7.66		G	127.880 490 74	+17.335 847 71		0.71	19.69	−19.05	0.96	0.55	0.99	1.06	0.64	−6	+34	−27	−40	−2	−36	−10	+0	−1	−7	0	1.01
41819		08 31 32.35	−21 04 41.2	7.67		H	127.884 803 41	−21.078 100 94		3.28	−6.19	−4.33	0.75	0.60	1.02	0.71	0.64	−29	+33	−19	+36	−5	−6	−11	+17	−2	−43	1	−0.54
41820	H	08 31 35.03	+34 57 58.3	7.26		H	127.895 975 22	+34.966 200 04	A	34.83	−16.34	9.84	1.82	1.08	1.37	1.50	0.97	−26	+24	−5	−14	−31	−16	−21	+15	+0	−55	0	−0.78
41821		08 31 35.21	+30 38 35.4	9.03		H	127.896 693 77	+30.643 176 01		4.32	−12.04	−31.10	1.09	0.68	1.25	1.36	1.00	−14	+12	−25	−7	+9	−19	+4	+24	−22	−13	0	3.77
41822		08 31 35.77	+18 05 40.4	5.33	1	G	127.899 028 80	+18.094 557 71		6.60	−60.05	−56.50	0.83	0.49	0.92	0.88	0.56	−19	+41	−34	−27	+10	−33	−1	+4	−3	−14	2	0.02
41823		08 31 36.71	−45 47 05.2	7.00		H	127.902 941 22	−45.784 791 44		2.65	−14.22	2.44	0.47	0.45	0.57	0.54	0.50	+10	+8	+6	−1	−4	−4	−3	−1	+4	−3	0	0.49
41824		08 31 37.72	+19 23 40.2	11.90	3	H	127.907 169 70	+19.394 510 47	*	78.05	−229.48	−87.35	5.98	3.02	5.69	6.39	3.54	−1	−34	−12	−41	−30	+1	−28	−8	+4	−26	14	0.74
41825		08 31 38.30	−62 20 20.5	7.42		H	127.909 577 89	−62.339 037 23		3.42	−12.65	4.43	0.54	0.48	0.57	0.57	0.50	+3	+13	+5	−21	−12	−14	−8	−14	+11	−31	0	−0.32
41826		08 31 39.00	−62 44 41.0	10.21		H	127.912 481 41	−62.744 720 90		1.41	20.40	14.19	1.02	1.06	1.17	1.10	1.21	−3	+12	+3	−19	−12	−18	−13	−18	+4	−48	0	0.30
41827		08 31 39.46	−00 10 59.0	8.35		H	127.914 433 18	−00.183 060 16		2.88	2.82	−1.28	0.94	0.76	1.22	1.29	0.95	−15	+30	−19	+16	+4	−27	−4	+49	−4	−1	0	0.16
41828		08 31 39.65	−47 14 27.8	6.78		H	127.915 210 78	−47.241 048 12		2.54	−6.42	8.40	0.49	0.46	0.56	0.63	0.52	+2	−2	+6	−3	+2	+7	+0	−17	+7	−6	1	0.26
41829		08 31 40.23	−23 32 20.4	8.18		H	127.917 612 48	−23.538 997 42		4.45	−6.90	−29.54	0.63	0.63	1.03	0.84	0.66	−28	+5	−2	+23	−11	−17	−12	+16	+1	−40	0	0.53
41830	H	08 31 40.32	+39 21 31.5	10.90		H	127.918 007 90	+39.358 763 36	*	4.02	217.52	−138.43	8.38	4.25	3.23	3.35	2.77	+51	+19	−6	+1	−5	+10	−5	+8	+4	−29	1	−0.52
41831		08 31 40.60	−55 48 02.2	7.98		H	127.919 187 33	−55.800 603 80		4.07	−11.65	−8.34	0.58	0.57	0.64	0.70	0.64	+12	−2	+7	+10	−7	+11	−7	−13	+2	+14	0	−1.50
41832		08 31 40.97	+53 33 38.9	8.13		G	127.920 728 48	+53.560 807 84		21.96	−49.62	−101.45	0.95	0.68	1.11	1.30	0.83	+6	+24	−26	+29	+17	+4	+25	+3	+3	+43	2	−0.77
41833		08 31 41.31	+18 59 16.0	6.50		H	127.922 134 78	+18.987 784 12		3.18	−25.79	−21.50	0.84	0.49	0.93	1.12	0.64	−23	+29	−17	−3	−6	−4	−7	+15	−7	−25	0	−0.82
41834		08 31 41.41	−06 19 07.7	8.98	3	H	127.922 556 80	−06.318 795 88		5.03	−1.32	12.17	0.99	0.90	1.34	1.20	1.06	−31	+27	−38	−3	−2	−19	−15	+35	−21	−17	0	−0.22
41835		08 31 42.79	+55 46 35.3	8.35		H	127.928 280 81	+55.776 473 60		2.75	11.90	−1.68	0.90	0.72	1.24	1.01	0.71	−13	+35	−19	−39	+13	−22	+12	−39	+17	+31	2	0.39
41836		08 31 43.02	+50 42 32.2	8.30		H	127.929 261 78	+50.708 934 69		3.17	−37.25	−2.28	1.15	0.78	1.20	1.66	0.90	−9	+17	−21	+9	−28	+2	−21	+7	+10	−3	0	−0.66
41837		08 31 44.64	−74 51 18.0	6.72		H	127.935 999 72	−74.855 011 88		5.76	−4.55	−3.87	0.56	0.48	0.60	0.60	0.62	+2	+17	−4	−3	−2	+2	+0	−12	+12	+0	0	−0.65
41838		08 31 45.39	+64 45 30.8	9.76		H	127.939 122 08	+64.758 556 07		0.66	9.45	0.82	1.04	1.02	1.55	1.23	1.09	+3	+2	−27	+15	−2	+7	+1	−5	+5	+10	1	−2.12
41839		08 31 45.70	−08 51 14.4	7.95		H	127.940 396 36	−08.853 991 95		4.01	−6.70	0.50	0.79	0.67	1.03	0.86	0.79	−35	+36	−3	−6	−38	−25	−30	+46	+10	−47	0	0.29
41840		08 31 46.98	+08 20 45.7	9.17		H	127.945 740 72	+08.346 021 13		1.46	1.09	−9.52	1.27	0.84	1.40	1.61	1.10	+0	+10	−31	−10	+1	−18	−7	+30	−11	+7	0	0.07
41841		08 31 51.72	+29 42 40.6	8.22		H	127.965 505 62	+29.711 281 25		10.18	−8.42	−7.64	0.88	0.55	1.01	1.08	0.81	−14	+17	−10	−14	−5	−29	−6	+30	−7	−19	0	1.14
41842		08 31 53.56	+72 41 31.6	7.42		H	127.973 148 05	+72.692 112 13		2.39	−3.68	−7.34	0.50	0.60	0.81	0.57	0.78	+7	+21	−13	+12	+2	+8	+12	−20	+6	+31	0	−0.21
41843		08 31 54.50	+09 48 50.9	6.78		H	127.977 080 17	+09.814 134 41		4.96	−8.72	−14.31	0.89	0.53	1.04	1.04	0.73	−17	+47	−31	−2	+1	−9	−17	+36	−29	+3	0	−0.81
41844		08 31 55.11	+50 37 03.1	7.44		H	127.979 624 33	+50.617 516 42		24.54	−82.02	−338.97	0.88	0.59	0.94	1.30	0.72	−1	+10	−18	−4	−15	+16	−11	+2	+1	+10	2	−0.96
41845		08 31 55.43	+36 22 49.0	8.69		H	127.980 953 88	+36.380 279 70		5.61	11.38	−13.04	0.98	0.64	1.19	1.47	0.89	−11	−3	−5	−9	−28	−25	−23	+14	+21	−40	0	0.71
41846		08 31 56.25	−26 42 13.3	8.00		G	127.984 358 32	−26.703 702 87		1.41	−15.83	−0.46	0.61	0.58	0.94	0.75	0.64	+10	−1	−19	+30	+12	−6	+6	+9	−16	−4	0	−1.38
41847		08 31 56.43	−50 11 22.6	10.78		H	127.985 140 05	−50.189 620 93		25.50	−202.55	220.77	1.24	1.01	1.26	1.43	1.08	−6	−7	+2	−10	+4	−5	+4	−14	+4	−11	0	−1.54
41848		08 31 56.95	−39 03 58.6	7.64		H	127.987 285 18	−39.066 277 56		1.50	−7.64	4.70	0.47	0.58	0.68	0.50	0.66	+5	+6	+4	+6	−2	+13	−6	−20	+1	−9	2	−0.27
41849		08 31 58.85	−16 53 05.3	9.22		H	127.995 217 74	−16.884 806 89		5.03	13.69	−46.17	0.94	0.72	1.12	1.00	0.74	−5	+26	−15	−11	−27	−9	−24	−2	+3	−18	0	0.37
41850		08 31 59.15	−18 23 24.5	7.06		H	127.996 437 66	−18.390 142 18		13.23	−38.39	−120.09	0.73	0.56	0.90	0.98	0.62	+2	−7	−18	+11	−30	−13	−29	+19	+11	−2	0	1.92
41851		08 31 59.38	−31 02 51.2	9.04		H	127.997 412 72	−31.047 564 47		1.78	−6.29	7.54	1.04	1.28	1.85	1.17	1.25	+18	+1	+0	+7	+10	+7	+9	−13	+5	+18	0	
41852		08 32 00.20	−20 48 09.8	8.70		H	128.000 828 46	−20.802 709 18		3.36	−8.26	1.89	0.93	0.72	1.26	0.89	0.74	−32	+27	−29	+38	−5	−3	−11	+14	−6	−41	2	−0.76
41853		08 32 01.24	−61 10 41.1	9.33		H	128.005 180 21	−61.178 083 11		2.95	−2.82	7.60	0.94	0.72	0.85	1.00	0.76	−9	−3	+4	+43	−11	+3	−15	−11	+16	−15	0	−0.81
41854		08 32 01.32	+48 22 40.3	9.06		H	128.005 494 25	+48.377 872 22		6.93	−20.42	−39.06	1.23	0.75	1.24	1.68	1.13	+0	+28	−9	−5	−7	+5	−8	+10	+6	+15	0	−0.56
41855		08 32 01.83	−47 19 39.9	7.97	1	H	128.007 621 74	−47.327 748 06		1.19	−1.57	6.04	0.63	0.61	0.74	0.87	0.70	−1	−2	+4	+0	+7	−1	+4	−24	+11	−7	0	−0.16
41856		08 32 01.89	−29 22 15.1	7.59		H	128.007 887 58	−29.370 855 07		10.33	5.61	−152.89	0.35	0.48	0.71	0.38	0.48	+29	−6	−2	+10	+17	+0	+17	−3	−2	+32	2	−0.46
41857		08 32 03.01	+49 48 38.5	10.55		H	128.012 521 99	+49.810 691 10		3.91	−20.25	−17.09	1.73	1.16	1.96	2.79	1.50	−9	+3	−26	+1	−10	+26	−3	+1	+7	+11	0	−0.31
41858		08 32 03.17	−31 42 41.0	7.72		H	128.013 205 48	−31.711 394 23		0.49	−5.32	1.86	0.48	0.55	0.83	0.62	0.54	+15	−6	−2	+14	+3	+7	+2	−13	+7	+17	0	0.10
41859		08 32 04.88	−65 40 06.9	9.09		H	128.020 343 26	−65.668 593 40		9.99	−26.64	41.15	0.63	0.64	0.70	0.64	0.64	−9	+0	+16	−7	−1	+0	−2	−9	−1	−20	1	0.59
41860	H	08 32 04.97	−27 29 35.9	8.44		H	128.020 695 11	−27.493 302 56	A	0.08	−7.48	5.83	1.73	2.36	1.21	0.78	1.04	−62	+1	−2	−28	−1	+10	−1	+7	−6	−25	1	0.32
41861	H	08 32 04.97	−53 12 43.1	5.68		H	128.020 720 39	−53.211 960 39	A	3.57	−16.20	16.78	0.76	0.72	0.76	0.89	0.74	+2	+10	+19	−7	+2	−3	+3	+8	+5	−9	1	1.31
41862	H	08 32 08.70	−36 06 27.2	9.35		G	128.036 267 90	−36.107 566 06	A	1.17	−4.90	5.02	1.15	1.46	1.60	1.22	1.26	+3	+6	+16	−2	−3	+0	−2	−12	+2	−7	1	1.23
41863		08 32 09.07	−39 57 10.8	7.36		H	128.037 808 23	−39.952 990 84		4.78	−20.85	15.20	0.42	0.52	0.62	0.44	0.55	+11	+4	−1	+0	−5	+15	−7	−22	+15	+5	0	1.10
41864		08 32 11.36	−56 38 02.2	7.98		H	128.047 350 88	−56.633 950 68		2.92	−12.32	20.46	0.61	0.64	0.68	0.58	0.68	+10	−4	+12	−5	−4	+16	−13	−37	+7	−7	1	−1.04
41865		08 32 11.38	+12 48 10.0	7.29		H	128.047 418 94	+12.802 789 42		5.97	3.70	−4.33	1.16	0.59	1.00	1.31	0.81	+17	−4	−19	−58	−19	−7	−16	+3	−17	+6	3	1.72
41866		08 32 11.86	−48 16 18.8	8.26		H	128.049 415 47	−48.271 890 34		2.31	−0.17	4.74	0.69	0.61	0.79	0.94	0.79	−9	+2	+11	−13	+9	−18	+8	−10	−10	−7	5	3.20
41867		08 32 14.08	+48 14 23.2	9.84		H	128.058 663 06	+48.239 767 45		6.10	−55.25	14.59	1.58	0.98	1.60	2.15	1.43	−8	+25	−11	+10	−11	−7	−13	+14	−1	−7	0	0.53
41868		08 32 14.16	+32 10 13.0	7.79		G	128.058 992 63	+32.170 281 24		5.64	−7.79	−22.60	0.86	0.60	1.01	1.02	0.80	−55	+44	−26	−30	+17	−23	+12	−28	−5	−23	0	−0.40
41869		08 32 14.16	−20 44 25.8	10.01		G	128.059 006 77	−20.740 503 49		3.11	26.25	−14.76	1.31	1.00	1.76	1.32	1.11	−32	+33	−27	+46	−6	+5	−15	+13	−6	−47	2	0.32
*41870		08 32 16.17	−37 55 05.1	8.18		H	128.067 387 11	−37.918 092 19		6.55	−17.62	1.67	0.52	0.63	0.76	0.56	0.67	+6	−1	+14	−5	−1	+5	−2	−10	−1	−10	0	0.58
*41871		08 32 16.04	−76 55 45.0	7.58		H	128.066 829 06	−76.929 177 90		27.45	−184.15	155.25	0.55	0.51	0.60	0.65	0.63	+6	+5	+13	−5	−16	+1	−16	−5	+7	+7	0	1.27
41872		08 32 16.54	+08 53 03.8	8.60		H	128.068 934 16	+08.884 387 76		3.92	−42.48	−36.90	1.15	0.84	1.36	1.31	1.01	−20	+19	−39	−25	−9	−20	−26	+43	−21	−5	0	0.34
41873		08 32 16.93	+15 19 52.7	8.38		H	128.070 540 53	+15.331 314 32		4.30	−11.91	−6.69	1.18	0.73	1.39	1.35	0.94	+4	+3	−42	−28	+5	−38	−10	+26	−26	+2	0	−1.02
41874		08 32 16.95	−41 49 56.8	7.02		H	128.070 623 87	−41.832 442 59		6.07	−24.98	26.85	0.46	0.46	0.59	0.52	0.45	+2	+8	+17	−15	+10	+9	+8	−20	+15	+1	0	0.52
41875		08 32 17.35	+29 19 09.7	7.35	2	H	128.072 307 16	+29.319 361 99		5.50	−18.32	−22.31	0.79	0.51	0.92	0.98	0.75	−11	+11	−16	+0	+3	−31	+1	+30	−9	−16	2	0.63
41876		08 32 18.22	−05 06 29.3	7.26		H	128.075 909 95	−05.108 143 12		5.15	−43.61	2.82	0.78	0.60	0.98	0.99	0.81	−15	−1	−14	−19	+3	−21	+0	+22	−20	−12	0	0.58
41877		08 32 18.58	−19 28 06.3	10.67		G	128.077 420 62	−19.468 416 03		19.15	−33.67	−111.43	1.57	1.39	2.03	1.91	1.62	−27	+32	−18	+12	−20	−2	−18	+21	+3	−28	2	1.61
41878		08 32 18.99	−43 55 53.4	7.62		H	128.079 140 29	−43.931 501 36		1.35	−5.96	4.57	0.57	0.50	0.66	0.72	0.55	−3	+2	+14	−10	+16	+5	+14	−2	+16	−7	0	0.34
41879		08 32 19.32	+16 12 46.2	8.52		H	128.080 498 83	+16.212 843 61		3.48	−7.77	−1.49	1.06	0.65	1.12	1.22	0.80	−8	+32	−30	−35	+4	−35	−8	+11	−4	+1	7	0.43
41880	H	08 32 22.39	−00 56 17.5	9.11		H	128.093 311 09	−00.938 199 58	A	14.33	−134.22	81.46	2.28	2.13	2.30	2.40	1.90	−39	+11	−11	+17	+12	−28	+3	+35	−3	−13	2	0.00
41881		08 32 23.34	−00 55 40.6	10.04		H	128.097 253 97	−00.927 953 42		12.75	−133.59	83.84	1.81	1.66	2.43	2.47	2.09	−17	+8	−16	+20	+7	−32	+2	+40	−11	−15	0	0.42
41882		08 32 23.38	−49 36 04.8	6.87	2	H	128.097 435 52	−49.601 334 41		1.45	−3.33	3.51	0.49	0.42	0.52	0.55	0.43	+5	−7	+11	−8	−4	+4	−4	−9	+2	+0	0	−1.82
41883		08 32 24.20	+23 44 47.6	8.62		H	128.100 813 18	+23.746 557 06		9.83	−10.13	−52.26	1.09	0.64	1.19	1.62	0.90	+2	+8	−30	+12	+29	−33	+19	+28	−15	+22	2	1.28
41884		08 32 24.86	−00 57 03.3	10.19	3	H																							
41885		08 32 27.15	+56 16 10.9	9.85		H	128.113 136 77	+56.269 702 04		9.13	21.55	−33.21	1.15	0.89	1.56	1.31	0.99	−6	+36	−5	−38	+6	−17	+2	−26	+5	+32	2	0.06
41886		08 32 27.91	+03 40 24.7	7.97		H	128.116 298 57	+03.673 520 30		2.96	−8.20	−15.58	0.79	0.60	1.02	1.08	0.76	−21	+25	−27	+21	+18	−27	+9	+47	−5	−11	0	0.54
41887		08 32 28.55	−55 24 33.5	8.00		H	128.118 974 61	−55.409 296 81		1.66	−5.25	0.24	0.55	0.53	0.60	0.64	0.56	+7	−8	+4	+6	−8	+11	−8	−8	+4	+11	0	−1.09
41888		08 32 28.96	+36 52 43.1	9.81		H	128.120 682 54	+36.878 645 18		7.53	20.77	10.69	1.41	0.87	1.52	1.80	1.20	−27	−2	−14	−38	−1	+11	+6	−9	−8	−48	0	−0.30
41889		08 32 30.59	+15 49 27.0	10.41	2	H	128.127 452 92	+15.824 179 34		30.24	−98.93	−97.39	1.81	1.17	2.03	1.99	1.44	−11	+22	−36	−32	+5	−31	−10	+17	−16	−4	0	1.06
41890		08 32 31.14	−40 12 37.0	8.40		H	128.129 752 04	−40.210 291 17		12.78	−244.86	205.10	0.60	0.73	0.84	0.63	0.75	+11	+12	+4	+11	−7	+13	−10	−24	+5	+4	0	0.91
41891		08 32 32.51	+22 24 40.4	9.12		H	128.135 455 51	+22.411 233 56		8.66	46.85	−34.73	1.47	0.80	1.54	1.64	1.03	−29	+25	−31	−44	+2	−12	−6	+9	−27	−27	2	−1.31
41892		08 32 32.61	+75 44 19.5	8.66		H	128.135 885 22	+75.738 757 56		15.08	−4.73	36.45	0.65	0.73	0.96	0.71	0.86	+16	+17	−17	+5	+21	−3	+22	+10	+14	+40	0	−0.94
41893		08 32 33.39	−15 01 48.7	6.38		G	128.139 124 51	−15.030 197 33		14.10	−48.98	22.21	0.66	0.54	0.80	0.86	0.74	−12	+22	−24	−36	−16	−15	−30	−16	−11	+14	0	0.28
41894		08 32 33.44	+53 06 54.1	6.23		H	128.139 328 58	+53.115 028 06		16.65	9.87	−74.13	0.69	0.52	0.74	0.84	0.68	−3	+34	−12	+39	+20	+0	+19	+6	−10	+9	0	0.40
41895		08 32 34.06	+56 43 13.6	8.08		H	128.141 930 11	+56.720 438 44		1.90	−11.21	−25.69	0.71	0.66	1.02	0.85	0.73	−6	+18	−20	−19	+5	−5	+9	−31	+13	+28	0	−0.56
41896		08 32 35.30	−05 53 58.2	6.88		H	128.147 081 62	−05.899 486 76		3.19	−3.86	−8.83	0.70	0.59	0.87	0.88	0.82	−23	+6	−12	−16	−2	−22	+1	+22	−7	−35	0	−0.68
41897		08 32 35.61	−55 07 24.9	7.35		H	128.148 379 31	−55.123 596 62		3.83	−15.85	15.85	0.46	0.45	0.52	0.56	0.51	+10	−12	−1	+6	−3	+8	−5	−2	+15	+11	0	−0.53
41898		08 32 37.15	+05 43 03.2	7.27		H	128.154 773 28	+05.717 542 31		6.62	−36.53	26.45	0.93	0.64	1.10	1.12	0.82	−31	+44	−43	−10	+15	−7	+0	+16	−26	−5	0	−1.58
41899		08 32 37.62	−14 25 04.7	6.62		H	128.156 731 74	−14.417 974 64		3.91	−12.31	1.91	0.67	0.57	0.86	0.74	0.66	−11	+23	−13	−17	−25	−7	−22	−2	+7	−29	0	0.78
41900		08 32 38.23	+15 44 22.2	8.00		H	128.159 272 44	+15.739 492 47		3.95	2.89	−8.90	1.02	0.68	1.15	1.15	0.84	−15	+20	−35	−37	+4	−35	−11	+14	−16	−8	0	0.54

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
41801	11.462	0.086	10.630	0.066		0.562	0.007	G	0.64	0.01	H	10.7320	0.0026	0.027	76		10.69	10.79					1							G
41802						1.387	0.016	G	1.64	0.03	I	11.2451	0.0037	0.045	70		11.18	11.31		C			1 X							G
41803	7.875	0.007	7.963	0.009		−0.073	0.005	G	−0.05	0.01	H	7.9533	0.0015	0.013	126		7.93	7.97					1							S
41804	7.558	0.010	7.151	0.009		0.385	0.012	T	0.45	0.01	L	7.2103	0.0013	0.009	88		7.20	7.22		C			1							S
41805	9.341	0.022	8.098	0.014		1.061	0.020	T	1.03	0.02	L	8.1456	0.0019	0.012	52		8.12	8.17		C			1							S
41806	6.083	0.005	6.238	0.006	*	−0.133	0.007	T	−0.12	0.01	L *	6.2702	0.0005	0.006	141	*	6.26	6.28		D	08314−3904	I 1	2 C	A	AB	329	4.474	0.006	1.76	0.02	S
41807	11.207	0.045	10.066	0.026		0.981	0.040	T	0.96	0.03	L	10.1454	0.0027	0.038	210		10.07	10.21					1							
41808	8.840	0.009	8.284	0.008		0.521	0.011	T	0.59	0.01	L	8.3378	0.0014	0.018	187		8.31	8.37					1							S
41809	9.269	0.013	7.848	0.007	*	1.200	0.012	T	1.16	0.01	L *	7.8788	0.0012	0.014	163	*	7.86	7.90			08315+7217	H 1	2 C	A	AB	325	0.642	0.019	3.20	0.06	S
41810	10.737	0.045	9.681	0.028		0.916	0.040	T	0.91	0.03	L	9.7457	0.0033	0.027	113		9.70	9.78					1 G							
41811	7.813	0.011	7.688	0.010	*	0.121	0.014	T	0.14	0.01	L *	7.8211	0.0018	0.018	127	*	7.80	7.93		U 2 C	08315−2541	I 1	2 C	A	AB	43	1.907	0.006	2.02	0.03	S P
41812	10.789	0.062	8.667	0.018		1.755	0.052	T	1.78	0.05	L	8.5665	0.0040	0.023	75		8.53	8.60		U 2			1							
41813	8.032	0.008	6.483	0.005		1.298	0.002	G	1.27	0.04	E	6.4912	0.0007	0.007	115		6.48	6.50					1							S
41814	10.508	0.029	9.249	0.017		1.073	0.026	T	1.04	0.02	L	9.3317	0.0021	0.019	115		9.31	9.37					1							
41815	10.399	0.036	9.625	0.029		0.689	0.035	T	0.75	0.03	L	9.7254	0.0040	0.026	74		9.68	9.77					1							
41816	6.078	0.005	5.733	0.004		0.327	0.006	T	0.38	0.01	L	5.7859	0.0017	0.016	79		5.76	5.81		U 2			1							S
41817	5.346	0.003	5.409	0.003	*	−0.061	0.002	G	−0.04	0.00	H *	5.4080	0.0006	0.005	85	*	5.40	5.42		D	08315−1935	I 1	2 C	A	AB	336	0.231	0.003	0.85	0.05	S
41818	9.651	0.025	7.826	0.012		1.490	0.020	G	1.51	0.03	H	7.8036	0.0013	0.011	61		7.79	7.82		C			1							S
41819	8.896	0.011	7.771	0.007		0.969	0.010	T	0.95	0.01	L	7.8371	0.0012	0.014	136		7.82	7.87					1							
41820	8.169	0.007	7.361	0.007	*	0.730	0.008	T	0.78	0.01	L *	7.4024	0.0013	0.011	117	*	7.38	7.42		D	08316+3458	I 1	2 C	A	AB	123	0.479	0.009	1.64	0.03	S
41821	10.818	0.054	9.190	0.022		1.363	0.046	T	1.33	0.05	L	9.1764	0.0017	0.014	82		9.16	9.21					1							
41822	7.404	0.007	5.534	0.003		1.567	0.007	G	1.57	0.09	H	5.4518	0.0012	0.009	70		5.43	5.46		U 2	08316+1806	I 1	1	S							S
41823	6.848	0.004	6.971	0.005		−0.106	0.006	T	−0.09	0.01	L	6.9654	0.0008	0.008	121		6.96	6.98		C			1							S
41824						1.850	0.510	G	3.56	0.98	K	11.5902	0.0107	0.210	57		10.88	11.72		U 2 C			1 V							D
41825	7.338	0.006	7.407	0.007		−0.058	0.008	T	−0.04	0.01	L	7.4062	0.0018	0.014	107		7.38	7.42					1							S
41826	11.669	0.095	10.333	0.046		1.133	0.083	T	1.10	0.09	L	10.3810	0.0030	0.032	107		10.33	10.44					1	S						G
41827	9.862	0.026	8.459	0.015		1.186	0.024	T	1.15	0.02	L	8.5137	0.0013	0.011	69		8.49	8.53		D			1	S						
41828	6.590	0.004	6.749	0.005		−0.137	0.006	T	−0.13	0.01	L	6.7360	0.0008	0.008	133		6.72	6.75					1							S
41829	8.258	0.008	8.188	0.009		0.063	0.011	T	0.07	0.01	L	8.2098	0.0016	0.016	139		8.18	8.24					1							
41830	11.728	0.116	10.964	0.094	*	0.600	0.020	G	0.67	0.02	H *	11.0325	0.0045	0.034	86	*	10.96	11.09		D	08317+3922	H 1	2 C	A	AB	138	0.213	0.023	0.45	0.33	G
41831	9.457	0.017	8.094	0.010		1.154	0.015	T	1.12	0.01	L	8.1460	0.0012	0.013	113		8.13	8.17		C			1							
41832	8.901	0.018	8.209	0.015		0.610	0.015	G	0.68	0.01	H	8.2483	0.0015	0.013	61		8.22	8.28		C			1							S
41833	8.449	0.016	6.652	0.007		1.496	0.014	T	1.52	0.02	L	6.6216	0.0014	0.008	62		6.61	6.63		C			1							S
41834	9.592	0.025	9.109	0.024		0.455	0.032	T	0.52	0.03	L	9.0766	0.0027	0.105	71		9.04	9.64		P 1 A			1							
41835	9.737	0.019	8.465	0.011		1.060	0.015	G	1.03	0.01	H	8.5173	0.0018	0.016	124		8.49	8.55		C			1							
41836	9.600	0.024	8.443	0.016		0.993	0.022	T	0.97	0.02	L	8.4635	0.0025	0.017	72		8.44	8.49					1							S
41837	8.176	0.009	6.855	0.005		1.122	0.008	T	1.08	0.01	L	6.8854	0.0009	0.009	104		6.87	6.90		C			1 G							S
41838	10.003	0.023	9.757	0.027		0.234	0.033	T	0.26	0.04	L	9.8264	0.0031	0.033	115		9.77	9.89					1							
41839	7.946	0.009	7.951	0.009		0.000	0.012	T	0.02	0.01	L	7.9641	0.0012	0.009	107		7.95	7.98		C			1							S
41840	10.803	0.058	9.300	0.026		1.264	0.050	T	1.22	0.05	L	9.3350	0.0023	0.015	65		9.31	9.35		C			1							
41841	8.686	0.013	8.253	0.013		0.385	0.012	G	0.45	0.01	H	8.3050	0.0014	0.011	83		8.29	8.33		C			1							S
41842	9.491	0.014	7.606	0.006		1.566	0.012	T	1.58	0.01	L	7.5343	0.0014	0.016	147		7.51	7.56					1							S
41843	6.724	0.006	6.770	0.007		−0.037	0.008	T	−0.01	0.01	L	6.7765	0.0010	0.005	53		6.77	6.79		C			1							S
41844	8.210	0.014	7.509	0.009		0.630	0.000	G	0.70	0.00	H	7.5693	0.0010	0.010	71		7.55	7.60					1							S
41845	9.107	0.014	8.747	0.014		0.341	0.018	T	0.40	0.02	L	8.7763	0.0019	0.019	108		8.75	8.80					1							S
41846	7.959	0.007	7.986	0.009		−0.022	0.002	G	0.00	0.00	H	7.9959	0.0013	0.016	128		7.97	8.02					1							S
41847	12.167	0.163	10.930	0.090		1.210	0.040	G	1.35	0.07	I	10.9031	0.0036	0.034	130		10.84	10.95		C			1							G
41848	7.514	0.006	7.613	0.007		−0.085	0.008	T	−0.07	0.01	L	7.6113	0.0007	0.009	134		7.59	7.63		D			1							S
41849	9.744	0.026	9.223	0.025		0.498	0.027	T	0.57	0.03	L	9.3288	0.0022	0.018	100		9.30	9.36		C			1							
41850	8.174	0.011	7.148	0.009		0.883	0.011	T	0.89	0.01	L	7.1998	0.0009	0.008	80		7.18	7.21					1							S
41851	9.277	0.011	9.056	0.013		0.205	0.017	T	0.23	0.02	L	9.1091	0.0017	0.020	197		9.07	9.15		C			1 X							
41852	10.032	0.025	8.829	0.016		1.029	0.023	T	1.00	0.02	L	8.8641	0.0019	0.015	114		8.84	8.89					1							
41853	10.553	0.034	9.443	0.021		0.957	0.031	T	0.94	0.02	L	9.4918	0.0019	0.018	108		9.46	9.52		C			1							
41854	9.561	0.022	9.107	0.022		0.428	0.029	T	0.50	0.03	L	9.1559	0.0022	0.018	74		9.13	9.19		C			1							
41855	10.337	0.028	8.213	0.010		1.720	0.015	G	1.70	0.01	J	8.0765	0.0018	0.015	130		8.05	8.10		M			1							
41856	8.921	0.007	7.697	0.005		1.046	0.007	T	1.02	0.01	L	7.7562	0.0008	0.013	290		7.73	7.78		C			1							
41857	11.007	0.064	10.507	0.064		0.395	0.072	G	0.46	0.08	R	10.6448	0.0035	0.031	70		10.55	10.69					1							G
41858	7.582	0.005	7.692	0.007		−0.095	0.008	T	−0.08	0.01	L	7.6917	0.0015	0.015	173		7.67	7.71					1							S
41859	9.714	0.019	9.161	0.018		0.524	0.019	T	0.60	0.02	L	9.2063	0.0017	0.019	128		9.17	9.25					1							
41860	8.528	0.007	8.446	0.008	*	0.081	0.010	T	0.09	0.01	L *	8.4772	0.0014	0.017	226	*	8.45	8.51		D	08321−2730	M 1	2 C	A	AC	147	0.332	0.012	1.87	0.10	
41861	6.422	0.006	5.787	0.005	*	0.582	0.002	G	0.65	0.00	H *	5.8035	0.0006	0.005	128	*	5.80	5.81		D	08321−5313	I 1	2 C	A	AB	285	0.811	0.002	0.69	0.01	S
41862	9.492	0.015	9.490	0.021	A	0.020	0.015	G	0.04	0.01	H *	9.4142	0.0019	0.023	148	*	9.38	9.46		D	08322−3606	I 1	2 C	A	AB	359	5.265	0.021	2.43	0.08	G
41863	7.311	0.006	7.343	0.007		−0.037	0.004	G	−0.01	0.00	H	7.3554	0.0010	0.009	137		7.34	7.37		C			1							S
41864	9.715	0.021	8.120	0.010		1.337	0.018	T	1.30	0.02	L	8.1322	0.0011	0.012	110		8.11	8.15		C			1							
41865	8.736	0.014	7.408	0.009		1.150	0.015	G	1.11	0.01	H	7.4589	0.0010	0.008	60		7.45	7.47					1							S
41866	8.212	0.008	8.259	0.010		−0.040	0.011	T	−0.02	0.01	L	8.2590	0.0019	0.013	115		8.24	8.27					1 G							
41867	10.539	0.042	9.920	0.038		0.576	0.049	T	0.65	0.04	L	9.9657	0.0028	0.025	74		9.92	10.01		C			1							
41868	8.280	0.009	7.848	0.009		0.408	0.012	T	0.47	0.01	L	7.8907	0.0012	0.013	138		7.87	7.92		C			1 G							S
41869	10.677	0.043	10.124	0.041		0.635	0.008	G	0.70	0.01	H	10.1574	0.0033	0.031	113		10.10	10.21					1							G
41870	8.649	0.009	8.225	0.009		0.414	0.010	T	0.48	0.01	L	8.2722	0.0017	0.015	154		8.24	8.30		C			1							
41871	8.312	0.010	7.660	0.008		0.607	0.006	G	0.68	0.01	H	7.7135	0.0008	0.010	116		7.69	7.75					1 G							S
41872	9.788	0.025	8.703	0.017		0.938	0.023	T	0.93	0.02	L	8.7665	0.0018	0.011	59		8.75	8.79		C			1							S
41873	9.454	0.020	8.476	0.015		0.858	0.019	T	0.87	0.01	L	8.5357	0.0020	0.014	64		8.51	8.55		C			1							S
41874	6.945	0.005	7.009	0.005		−0.054	0.006	T	−0.03	0.01	L	7.0049	0.0008	0.008	135		6.99	7.02		C			1							S
41875	8.573	0.012	7.465	0.009		0.955	0.012	T	0.94	0.01	L	7.5091	0.0061	0.033	85		7.47	7.56		U 2			1							S P
41876	8.563	0.014	7.368	0.009		1.023	0.013	T	1.00	0.01	L	7.4287	0.0016	0.011	62		7.41	7.45		C			1							S
41877						1.055	0.003	G	1.11	0.00	I	10.8061	0.0044	0.032	79		10.76	10.86		C			1							G
41878	7.735	0.007	7.666	0.008		0.069	0.010	T	0.08	0.01	L	7.6535	0.0013	0.011	117		7.64	7.67		C	08323−4356	I 1	1	S							S
41879	8.683	0.013	8.505	0.015		0.171	0.019	T	0.19	0.02	L	8.5774	0.0016	0.014	68		8.55	8.60		C			1							S
41880	9.866	0.026	9.196	0.023	A	0.900	0.495	G	0.66	0.04	L *	9.2373	0.0034	0.021	68	*	9.20	9.27		D	08324−0056	I 3	2 C	D	AP	316	1.361	0.128	3.48	0.49	D
41881	10.974	0.057	10.110	0.043		0.773	0.054	T	0.81	0.04	L	10.1891	0.0052	0.040	67		10.13	10.25		C	08324−0056	I 3	1							G
41882	7.080	0.010	6.916	0.009		0.157	0.013	T	0.17	0.01	L	6.9290	0.0085	0.084	137		6.84	7.10	33.84	P 1 A			1							S P
41883	9.233	0.019	8.685	0.018		0.513	0.023	T	0.59	0.02	L	8.7314	0.0016	0.011	71		8.71	8.75		C			1							
41884											T	10.3272	0.0535	0.270	66		10.19	11.44		U 2	08324−0056	I 3		S						G Y
41885	10.418	0.032	9.895	0.030		0.491	0.040	T	0.56	0.04	L	9.9533	0.0026	0.024	121		9.90	10.01		C			1							
41886	8.040	0.008	7.970	0.009		0.069	0.011	T	0.08	0.01	L	8.0013	0.0011	0.010	104		7.98	8.02		C			1							S
41887	8.111	0.008	8.021	0.010		0.088	0.012	T	0.10	0.01	L	8.0387	0.0012	0.012	110		8.02	8.06		C			1							S
41888	10.632	0.037	9.882	0.030		0.685	0.038	T	0.74	0.03	L	9.9508	0.0030	0.024	99		9.91	9.98					1							
41889	11.634	0.118	10.502	0.067		1.616	0.197	G	2.64	0.49	I	10.4002	0.0092	0.073	67		10.28	10.47		U 2			1							G
41890	9.148	0.012	8.470	0.010		0.628	0.002	G	0.70	0.00	H	8.5322	0.0016	0.014	130		8.51	8.56					1							
41891	9.954	0.027	9.203	0.023		0.700	0.015	G	0.76	0.01	H	9.2655	0.0024	0.019	74		9.24	9.30					1							
41892	9.372	0.014	8.714	0.012		0.610	0.016	T	0.68	0.01	L	8.7886	0.0024	0.022	160		8.74	8.83					1							
41893	6.706	0.005	6.417	0.005		0.275	0.004	G	0.31	0.01	H	6.4571	0.0008	0.005	87		6.45	6.47		C	08326−1502	I 1	1 G							S
41894	7.549	0.008	6.353	0.006		1.008	0.002	G	0.98	0.00	H	6.3974	0.0006	0.005	64		6.39	6.41					1							S
41895	9.349	0.015	8.187	0.010		0.997	0.014	T	0.98	0.01	L	8.2465	0.0016	0.017	121		8.22	8.28		C			1							
41896	8.107	0.009	6.967	0.007		0.980	0.009	T	0.96	0.01	L	7.0402	0.0013	0.008	71		7.03	7.05		C			1							S
41897	7.302	0.006	7.347	0.009		−0.038	0.009	T	−0.02	0.01	L	7.3478	0.0010	0.009	113		7.34	7.37					1							S
41898	8.701	0.014	7.384	0.009		1.118	0.013	T	1.08	0.01	L	7.4411	0.0014	0.008	60		7.42	7.46			08326+0543	I 1	1							S
41899	8.350	0.012	6.752	0.006		1.339	0.011	T	1.30	0.01	L	6.7743	0.0008	0.007	72		6.76	6.79					1							S
41900	9.309	0.018	8.105	0.011		1.000	0.020	G	0.98	0.02	H	8.1693	0.0018	0.011	70		8.15	8.19		C			1							

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α (ICRS) deg (8)	δ deg (9)	(10)	π mas (11)	$\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	$\alpha*$ mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	F1 % (29)	F2 (30)
41901		08 32 38.32	−03 10 44.3	7.60		H	128.159 658 17	−03.178 982 39		4.64	−46.42	3.13	0.72	0.66	1.06	0.86	0.78	−31	+16	−33	−8	+5	−28	−7	+45	−24	−21	2	0.10
41902		08 32 38.80	−68 51 52.1	8.32		H	128.161 677 83	−68.864 467 99		4.38	6.57	2.68	0.72	0.61	0.72	0.83	0.63	−3	+26	+6	−12	−7	−8	−4	−7	+5	−16	0	0.74
41903		08 32 39.44	+20 08 49.7	8.38		H	128.164 343 54	+20.147 148 46		11.37	−57.91	−26.36	1.62	0.88	1.38	2.69	1.21	−2	+32	−35	−73	+6	−41	−6	−55	+15	−8	0	3.57
41904		08 32 39.87	+10 03 57.7	6.48		H	128.166 115 26	+10.066 023 06		6.03	5.89	−6.22	0.80	0.48	0.89	0.96	0.68	−8	+30	−18	−20	+5	−23	−3	+20	−20	−3	0	−0.44
41905		08 32 40.51	−47 02 31.7	6.49		H	128.168 805 42	−47.042 131 04		5.01	−13.29	9.61	0.49	0.44	0.57	0.64	0.51	+0	−3	+7	−7	−1	+5	−2	−10	+15	−12	0	0.96
41906	H	08 32 41.13	−55 28 11.6	7.45	2	H	128.171 373 54	−55.469 896 15	*	1.78	−4.02	1.06	0.50	0.51	0.55	0.57	0.51	+11	−7	+7	+5	−11	+12	−11	−16	+8	+12	0	−0.92
41907		08 32 41.88	−73 21 25.1	6.11		G	128.174 482 13	−73.356 965 38		8.55	−54.26	72.09	0.44	0.40	0.47	0.44	0.40	+6	+13	+16	−10	−2	+1	+0	+1	+7	−7	0	0.59
41908		08 32 42.20	−44 02 38.8	8.06		H	128.175 841 94	−44.044 117 85		4.09	−3.82	3.47	0.62	0.55	0.71	0.72	0.59	−5	+3	+13	−16	+14	+3	+14	−7	+11	−16	0	0.89
41909		08 32 42.52	+20 26 28.6	5.33		H	128.177 186 45	+20.441 270 49		10.46	−44.65	−44.71	0.84	0.47	0.89	0.97	0.58	−18	+1	−14	−31	+1	−10	+3	−1	−13	−29	0	1.21
*41910		08 32 42.98	−82 36 52.1	8.87		H	128.179 072 56	−82.614 480 70		13.20	−66.94	67.75	0.66	0.69	0.74	0.77	0.78	−18	+14	−3	+8	+1	+4	+0	−8	−1	−23	3	−0.81
*41911		08 32 42.97	−37 28 10.0	8.28		H	128.179 024 75	−37.469 453 51		7.30	−41.96	12.23	0.55	0.63	0.79	0.58	0.64	−6	+0	+12	−3	+5	+16	+2	−20	−1	−11	0	−0.58
41912		08 32 43.34	+34 02 49.2	9.61		H	128.180 563 08	+34.046 986 78		3.42	−1.98	0.32	1.35	0.87	1.62	1.79	1.21	−42	+23	−15	+20	−37	−14	−37	+26	+6	−75	3	2.00
41913		08 32 43.42	+15 16 28.6	7.41		H	128.180 910 75	+15.274 607 10		2.83	−10.60	−5.27	0.96	0.59	1.08	1.18	0.79	−9	+14	−37	−37	+3	−36	−18	+24	−20	+5	0	0.01
41914		08 32 43.71	+42 08 24.1	8.17		H	128.182 126 68	+42.140 029 78		3.86	13.22	−10.23	1.06	0.74	1.26	1.21	0.85	−26	+28	−40	−13	−15	−2	−22	+13	−15	−18	0	−1.68
41915		08 32 43.91	+02 10 02.2	8.94		G	128.182 947 81	+02.167 264 17		5.52	−9.55	−11.31	1.02	0.76	1.23	1.42	0.99	−13	+21	−24	+16	+3	−18	−6	+47	−10	+1	0	−0.76
41916		08 32 44.63	−71 47 43.8	8.15		H	128.185 961 32	−71.795 489 16		3.83	−21.28	16.89	0.61	0.57	0.64	0.76	0.67	−6	+18	+15	−8	−17	+10	−14	+11	−10	−35	0	1.22
41917		08 32 44.82	+43 37 29.7	9.15		H	128.186 761 73	+43.624 912 94		3.75	−1.12	−2.48	1.23	0.75	1.33	1.78	0.96	−6	+23	−20	−3	−4	+4	−4	−2	−4	−10	0	−0.56
41918		08 32 46.80	−33 33 32.4	8.08		H	128.194 996 31	−33.559 008 99		1.40	−3.28	12.20	0.52	0.61	0.83	0.59	0.64	+8	−1	+0	−13	+7	+11	+5	−20	−7	−7	1	1.34
41919	H	08 32 47.73	−41 52 45.1	9.32		G	128.198 869 22	−41.879 207 45	*	2.57	−7.91	7.81	0.73	0.76	0.95	0.81	0.78	+2	+13	+13	−11	+11	+3	+11	−15	+7	+0	0	−0.08
41920		08 32 47.89	−04 03 30.9	8.92		H	128.199 546 57	−04.058 590 32		2.41	−16.06	2.74	1.10	0.84	1.34	1.37	1.09	−19	+11	−20	−26	−9	−15	−9	+45	−17	−24	0	0.08
41921		08 32 48.81	−45 38 14.8	9.16		G	128.203 354 94	−45.637 452 15		1.04	−10.52	8.45	0.74	0.72	0.91	0.88	0.83	+11	+7	+6	−14	−3	−2	−1	−6	+13	−6	0	−0.53
41922		08 32 49.74	−01 17 57.3	8.83		H	128.207 263 96	−01.299 259 03		1.29	−10.45	−9.53	0.95	0.79	1.32	1.20	0.99	−23	+15	−30	+5	+9	−38	+0	+38	−3	−25	0	2.05
41923		08 32 50.89	+43 10 47.8	11.21		H	128.212 022 14	+43.179 934 20		8.38	−49.43	−79.93	2.47	1.47	2.67	2.92	1.92	−24	+45	−19	−6	−8	−5	−12	+1	−9	−28	0	0.41
41924		08 32 51.73	−04 22 01.8	9.21		H	128.215 549 02	−04.367 167 79		3.54	−1.37	−0.48	1.24	0.84	1.45	1.56	1.10	−13	+14	−25	−44	−3	−23	−8	+34	−20	−11	0	0.05
41925		08 32 52.01	+79 10 44.5	10.45		H	128.216 696 70	+79.179 032 64		2.50	−15.72	−5.00	0.90	0.88	1.22	1.08	0.96	+5	+17	−2	−1	−7	+0	−6	−6	−3	+14	2	1.85
41926		08 32 52.26	−31 30 09.7	6.38		H	128.217 740 79	−31.502 704 24		82.15	−1113.64	761.73	0.39	0.44	0.66	0.48	0.45	+19	−3	−8	−1	+5	+14	+4	−10	+10	+19	1	−0.73
41927		08 32 53.27	+69 19 11.9	6.31		H	128.221 966 48	+69.319 962 54		5.27	22.92	−25.21	0.38	0.48	0.71	0.44	0.60	+27	+9	−4	+2	−8	+16	−7	+1	+4	+37	1	−1.71
41928		08 32 53.78	−47 36 19.9	6.57		H	128.224 084 56	−47.605 526 56		0.25	−4.43	5.07	0.48	0.44	0.55	0.67	0.50	−5	+4	+6	+3	+13	−2	+10	−12	+4	−11	0	−0.13
41929		08 32 54.13	−39 56 51.1	8.94		H	128.225 530 63	−39.947 526 90		2.83	−3.18	−4.12	0.66	0.81	0.94	0.64	0.91	+7	+7	−3	−10	−8	+12	−10	−15	−1	−8	0	−0.69
41930		08 32 54.22	+38 30 37.4	9.52		H	128.225 910 20	+38.510 399 15		6.38	−11.34	5.35	1.26	0.77	1.46	1.64	1.06	−8	+27	−17	−11	+0	−13	−1	+0	+1	−18	0	0.13
41931		08 32 54.26	+34 23 04.1	7.52		H	128.226 081 75	+34.384 471 78		8.40	−36.57	−93.97	0.76	0.52	0.95	0.98	0.68	−38	+17	−14	+7	−22	−29	−24	+13	+14	−63	0	1.61
41932		08 32 54.40	−38 10 30.5	7.87		H	128.226 680 36	−38.175 127 30		4.75	−2.19	13.73	0.51	0.61	0.73	0.56	0.70	+7	−6	+1	+10	+0	+16	−5	−18	+12	−4	0	1.20
41933		08 32 54.66	+50 39 56.4	8.39		H	128.227 756 98	+50.665 666 29		−0.94	−16.87	−11.23	1.11	0.77	1.21	1.62	0.95	−10	+23	−27	+4	−17	+7	−11	−1	+9	+7	0	−0.97
41934		08 32 54.97	+71 33 31.9	10.44		G	128.229 050 84	+71.558 847 42		14.83	−86.82	−202.15	1.05	1.28	1.74	1.10	1.49	+10	+11	−23	−7	−6	+0	−9	+3	−4	+25	0	1.92
41935		08 32 55.06	+38 01 00.4	5.88		H	128.229 398 92	+38.016 786 77		15.53	−104.55	−172.32	0.66	0.41	0.76	0.79	0.53	−16	+26	−9	−16	−6	−9	−8	−5	−11	−38	0	1.86
41936		08 32 55.21	+13 11 28.7	11.36	3	H	128.230 024 70	+13.191 312 55		1.95	−40.96	−29.24	2.68	1.74	3.00	3.13	2.35	−8	−10	−39	−47	+0	+0	+4	+9	−31	−17	0	−1.58
41937	H	08 32 55.60	−09 32 54.3	9.92		G	128.231 653 70	−09.548 417 19	A	17.55	−125.54	−151.92	4.05	3.41	3.91	4.66	4.70	−34	−1	−4	−13	−33	−18	−32	+35	+21	−50	6	0.30
41938		08 32 56.37	−49 09 18.3	7.22		H	128.234 870 79	−49.155 076 15		1.95	−3.81	3.48	0.55	0.47	0.59	0.64	0.51	−1	−14	+3	−13	−1	+11	−2	−8	+9	−5	0	−0.86
41939		08 32 58.51	−34 38 02.6	6.36	1	H	128.243 807 64	−34.634 046 52		7.65	−18.26	3.27	0.39	0.46	0.59	0.43	0.47	+3	−5	+3	+0	+5	+17	+3	−16	−2	−8	1	0.22
41940		08 33 00.14	+24 05 05.7	6.35		G	128.250 602 65	+24.084 905 72		7.75	−64.67	−47.47	0.80	0.56	1.05	1.18	0.63	−12	+14	−49	+3	+32	−53	+8	+17	−15	+15	0	1.64
41941		08 33 01.87	−45 45 10.5	6.36	1	H	128.257 779 73	−45.752 927 64		1.33	−8.86	9.06	0.45	0.44	0.55	0.52	0.48	+14	+4	+11	+1	−8	+1	−8	−6	+8	+2	0	1.31
41942		08 33 02.09	−48 24 56.3	9.09		H	128.258 720 76	−48.415 630 93		2.63	−14.11	10.71	0.81	0.78	0.93	1.02	0.93	−1	+4	+1	−8	+13	−11	+11	−20	−4	−7	3	0.67
41943		08 33 03.04	+41 48 04.1	9.03		H	128.262 671 93	+41.801 133 27		3.16	−13.96	−29.11	1.25	0.85	1.40	1.44	1.07	−27	+28	−33	−9	−23	+8	−25	+23	−9	−19	0	−1.13
41944		08 33 03.29	+62 51 05.0	8.51		H	128.263 710 04	+62.851 401 69		0.14	−1.05	−12.31	0.68	0.61	1.03	0.71	0.70	−2	+4	−1	+27	−19	−8	−18	+9	−7	+19	0	−0.24
*41945		08 33 03.78	+37 05 17.4	8.79		H	128.265 734 70	+37.088 160 80		2.41	−16.74	−15.02	1.05	0.67	1.19	1.28	0.87	−27	+8	−11	−33	−6	+4	−1	−4	+3	−44	0	−0.95
*41946		08 33 03.73	+64 31 11.0	10.18		H	128.265 522 21	+64.519 717 14		0.86	3.62	−5.46	1.51	1.35	2.09	1.72	1.29	+0	+8	−39	+27	−11	+8	−2	−17	−1	+17	1	1.10
41947		08 33 04.18	−29 58 32.4	8.88		H	128.267 422 80	−29.975 658 00		0.64	1.71	−3.94	0.47	0.67	0.98	0.60	0.76	+29	−5	−3	−2	+10	+0	+13	+2	−6	−8	1	1.81
41948		08 33 04.69	+67 17 34.8	7.28		H	128.269 548 01	+67.293 009 32		4.62	−44.45	−52.96	0.36	0.50	0.79	0.40	0.59	+49	+9	+4	−7	−2	+9	−2	+19	+9	+51	1	0.14
*41949	H	08 33 04.85	−24 36 24.8	6.19		G	128.270 190 48	−24.606 892 25	A	12.78	2.48	−28.03	1.14	1.24	1.29	0.94	0.99	−1	−12	−9	+25	+13	−1	−4	−28	+7	−26	2	0.21
*41950		08 33 04.83	+26 17 05.9	9.92		H	128.270 105 88	+26.284 985 89		1.21	26.43	−9.89	1.26	0.76	1.34	1.75	1.07	−9	+19	−6	+9	−5	−22	−6	+22	+3	−14	0	−0.16
41951		08 33 05.02	+11 16 05.7	7.95		G	128.270 895 95	+11.268 243 29		6.96	−62.85	−26.96	0.97	0.59	1.05	1.21	0.82	+3	+21	−7	−17	+0	−24	−4	+22	−14	+4	0	1.48
41952		08 33 05.04	−23 37 29.8	9.07		H	128.271 012 96	−23.624 941 93		1.53	−7.53	−5.73	0.77	0.91	1.33	1.04	0.95	−32	+13	+13	+11	−7	−7	−6	+17	+4	−45	0	0.70
41953		08 33 05.35	+55 21 17.7	7.66		H	128.272 304 99	+55.354 906 84	A	7.52	−23.51	−60.99	1.71	1.49	1.75	1.71	1.35	−5	+15	−24	−48	−7	+14	−2	−51	+38	+37	18	2.66
41954		08 33 05.55	−56 23 47.8	7.49	1	H	128.273 129 73	−56.396 621 57		2.82	−7.59	3.54	0.49	0.50	0.53	0.49	0.51	+20	+5	+5	+1	−15	+17	−20	−30	+8	+8	0	−0.22
41955		08 33 07.95	+55 21 27.7	9.80		H	128.283 106 62	+55.357 683 25	B	14.53	13.69	−64.95	15.50	12.64	12.51	13.14	9.66	−11	+11	−7	−64	−4	+5	−17	−32	+16	+35	18	2.66
41956		08 33 09.20	−15 45 52.1	7.44		H	128.288 339 85	−15.764 480 03		3.61	−22.96	3.28	0.75	0.56	0.92	0.90	0.62	−15	+34	−13	+6	−14	−4	−15	−4	−6	−26	0	0.02
41957		08 33 09.70	−22 19 40.3	8.34		H	128.290 400 96	−22.327 872 50		0.26	−3.52	10.47	0.80	0.65	1.06	0.88	0.68	−21	+14	−9	+27	−5	+2	−7	+12	+11	−38	3	0.94
41958		08 33 09.75	−43 41 02.4	7.13		H	128.290 626 05	−43.684 000 42		5.51	−1.23	56.35	0.52	0.46	0.63	0.64	0.50	+2	−9	+16	+1	+12	+13	+7	−1	+15	+4	0	0.57
41959		08 33 10.13	−26 02 19.5	9.42		H	128.292 211 67	−26.038 759 31		−0.74	3.06	1.04	0.85	0.85	1.24	0.94	0.96	−4	+1	−4	+18	+16	+12	+14	+12	−21	−27	0	2.15
41960		08 33 10.44	+33 25 52.8	7.82		H	128.293 481 43	+33.431 329 49		6.88	7.61	1.26	0.85	0.56	1.06	1.07	0.78	−54	+26	−8	+22	−45	−9	−39	+34	+10	−84	0	−0.37
41961		08 33 10.85	−05 13 21.4	6.80		H	128.295 222 39	−05.222 612 71		3.07	−11.20	−14.21	0.72	0.57	0.90	0.87	0.71	−15	+0	−24	−15	−1	−22	−4	+36	−11	−18	0	0.49
41962		08 33 11.16	+31 30 32.2	8.47		H	128.296 485 88	+31.508 948 31		1.98	−9.04	−10.35	1.03	0.61	1.06	1.35	0.93	+2	+7	−7	+9	+18	−1	+19	+23	−14	+5	0	2.10
41963		08 33 13.00	−31 46 31.1	8.88		H	128.304 157 68	−31.775 297 72		1.94	−14.02	1.61	0.62	0.75	1.11	0.80	0.76	+12	+14	+9	+10	+3	−1	+2	−11	−7	+16	0	0.85
41964		08 33 13.05	+40 42 51.1	9.72		H	128.304 393 36	+40.714 193 58		5.18	−113.12	8.63	1.33	0.89	1.47	1.87	1.37	−10	+19	−10	+17	−4	−3	−4	+26	+9	−1	0	−1.54
41965		08 33 13.42	−13 37 17.8	8.74		H	128.305 930 79	−13.621 598 18		−0.65	−4.77	0.27	0.89	0.85	1.21	1.12	1.03	−26	+24	−7	+14	−35	−12	−30	+29	+9	−37	0	1.00
41966		08 33 14.35	+49 15 50.5	8.17		H	128.309 793 56	+49.264 040 25		5.53	−15.29	−32.85	1.01	0.61	1.05	1.67	0.91	+7	+6	−12	−5	+4	+10	+1	+8	+1	+38	0	−2.06
41967		08 33 15.41	−29 57 23.9	8.26	2	H	128.314 197 75	−29.956 632 23		21.87	−42.60	17.27	0.41	0.56	0.88	0.44	0.52	+32	+4	+9	−3	+9	+7	+8	−18	+10	+38	0	0.56
41968		08 33 17.56	−05 19 40.2	7.34		H	128.323 159 00	−05.327 819 91		19.74	67.37	−41.21	0.77	0.61	0.98	0.92	0.82	−21	+1	−14	−8	−1	−20	+2	+30	−8	−31	0	1.07
41969		08 33 18.93	−63 50 40.2	7.72		H	128.328 869 15	−63.844 505 13		3.82	6.09	21.51	0.57	0.54	0.63	0.55	0.57	−12	+18	+13	−38	−14	−24	+0	+0	+20	−46	0	2.05
41970		08 33 19.87	−38 22 14.5	6.48		H	128.332 785 56	−38.370 689 60		2.39	−10.72	5.73	0.39	0.47	0.56	0.46	0.54	+8	−8	−11	+5	−2	+6	−4	−8	+11	−5	0	−0.96
41971		08 33 20.25	+73 35 16.9	8.52		H	128.334 365 89	+73.588 014 84		2.15	8.46	2.40	0.65	0.73	0.97	0.81	0.97	+8	+22	−13	+21	−9	+19	−3	−6	+7	+22	0	−0.25
*41972		08 33 20.40	−36 39 39.5	7.65		H	128.335 013 85	−36.660 974 16		1.59	−5.36	3.42	0.43	0.50	0.64	0.45	0.49	+2	+2	+5	−8	+3	+9	+2	−12	+17	+4	0	0.65
*41973		08 33 20.55	−12 44 13.7	8.02		H	128.335 624 75	−12.737 142 92		4.22	0.21	−12.89	0.76	0.67	1.01	0.97	0.73	−29	+21	−5	+28	−37	−11	−33	+34	+3	−37	2	−0.91
*41974		08 33 21.47	+41 45 29.4	8.08		H	128.339 465 79	+41.758 155 37		1.00	11.59	−4.52	1.07	0.72	1.18	1.25	0.98	−33	+33	−32	−4	−16	+1	−26	+30	−13	−11	0	−0.06
*41975		08 33 21.84	+36 26 11.1	6.20		H	128.340 981 79	+36.436 423 15		26.80	−145.01	2.60	0.70	0.45	0.77	0.96	0.56	−21	+4	−17	−21	−22	−7	−13	+2	+10	−49	0	−0.03
*41976		08 33 22.54	−07 54 50.6	8.43		H	128.343 933 74	−07.914 042 00		4.99	−2.68	5.74	1.09	0.78	1.22	1.32	0.94	−12	+30	−19	+11	−16	−2	−17	+52	−6	−8	0	−0.40
*41977		08 33 22.72	−42 51 06.5	8.77		H	128.344 678 35	−42.851 809 58		2.95	−6.48	3.46	0.64	0.65	0.81	0.73	0.67	+3	−6	+19	+20	+13	+6	+11	−1	+5	+6	0	−1.96
*41978	H	08 33 23.05	+20 23 24.4	8.54	2	H	128.346 053 83	+20.390 116 44	*	−0.34	−2.08	−12.68	1.25	0.68	1.29	1.44	0.89	−12	+0	−9	−37	−7	−14	−2	+6	−15	−26	0	1.74
*41979		08 33 20.33	+20 24 24.9	11.45		G	128.334 701 39	+20.406 916 19		1.02	15.48	−23.96	2.74	1.45	2.79	3.11	1.84	−14	+3	−12	−40	−7	−19	−5	+4	−9	−28	0	−0.13
41980		08 33 24.07	−34 38 55.4	7.86	2	H	128.350 272 83	−34.648 710 83		0.41	−4.96	4.46	0.47	0.53	0.72	0.52	0.57	−4	−8	+11	+5	+7	+15	+5	−2	−5	−16	2	0.42
41981		08 33 24.81	−57 52 51.6	8.48		H	128.353 384 25	−57.881 005 80		1.79	−10.00	−0.38	0.62	0.66	0.70	0.69	0.72	−1	+5	+15	−10	+1	−14	+0	−36	+10	−16	0	−0.05
41982		08 33 24.92	−67 01 26.5	8.90		H	128.353 850 54	−67.024 019 47	A	1.13	−6.73	3.80	1.21	1.08	1.13	1.35	1.11	−4	+26	−7	−2	+12	−18	+11	−16	+15	−10	0	0.87
41983		08 33 25.37	−00 18 29.0	7.93		G	128.355 692 66	−00.308 065 08		2.92	−13.58	−8.64	0.81	0.67	1.01	1.17	0.86	−20	+15	−23	+33	+4	−27	−6	+61	−6	−11	0	0.24
41984		08 33 28.03	−41 36 58.9	7.05		H	128.366 776 45	−41.616 351 13		21.86	−39.71	−139.05	0.48	0.48	0.61	0.55	0.52	−4	+1	+12	−16	+11	+16	+9	−14	+9	−11	1	0.24
41985		08 33 29.82	−70 06 49.5	8.27		H	128.374 269 39	−70.113 759 24		2.82	8.84	−19.39	0.64	0.61	0.68	0.77	0.64	−5	+8	+16	−4	−3	+17	−3	+10	−2	−22	0	−0.10
41986		08 33 30.28	−46 58 14.4	6.25		G	128.376 152 80	−46.970 673 15		1.65	−2.89	4.78	0.47	0.43	0.55	0.59	0.48	+4	−11	+16	−2	−5	+9	−7	−8	+8	−3	0	−0.17
41987		08 33 30.37	−15 12 13.1	8.06		H	128.376 529 49	−15.203 633 36		3.14	−6.65	2.16	0.78	0.70	0.97	0.95	0.79	−29	+22	−20	−25	−4	−9	+0	−14	+9	−43	4	0.13
41988	H	08 33 30.59	+77 27 34.3	8.83		H	128.377 446 10	+77.459 534 77	A	3.30	−13.64	−23.64	1.05	0.99	1.24	1.04	0.98	+8	+24	+0	+1	−7	−17	−5	+2	−4	+23	1	−0.42
41989	H	08 33 31.45	−07 14 00.1	8.72		H	128.381 055 98	−07.233 348 04	A	3.41	−12.15	−6.74	1.74	1.47	1.55	1.91	1.27	−7	+24	−21	+14	−3	+8	−3	+40	−1	−14	1	−0.11
41990		08 33 31.67	+38 55 40.9	10.40		H	128.381 972 84	+38.928 029 13		11.92	73.69	−98.82	1.64	1.00	1.96	1.96	1.32	−27	+41	−26	−6	−5	−12	−11	+2	−8	−29	2	1.64
41991		08 33 31.77	−02 58 38.0	7.75		H	128.382 391 40	−02.977 230 17		3.03	12.42	−27.10	0.81	0.66	1.10	0.99	0.77	−16	+25	−29	+10	+10	−26	−1	+42	−12	−3	0	0.43
41992		08 33 33.51	−16 06 34.7	6.56		H	128.389 640 80	−16.109 626 74		5.97	1.23	4.71	0.68	0.52	0.86	0.76	0.53	−8	+28	−15	+0	−19	−15	−20	−5	+0	−23	0	−0.25
41993		08 33 33.97	+51 00 54.3	9.22		H	128.391 527 99	+51.015 093 99		15.96	45.00	−90.83	1.28	0.95	1.41	2.04	1.18	−12	+18	−20	+12	−23	+3	−16	+2	+3	+3	0	−0.69
41994		08 33 34.96	+45 55 09.6	10.07		H	128.395 659 63	+45.919 338 39		6.70	−15.92	−27.88	1.47	1.03	1.65	2.41	1.52	−7	+15	+6	+27	−1	+0	+0	+28	+11	−2	0	−0.31
41995		08 33 36.24	−80 09 31.1	7.02		H	128.401 012 12	−80.158 644 39		4.90	−46.26	−3.76	0.49	0.46	0.52	0.54	0.52	−3	+11	+3	+18	−3	+8	−7	−4	−6	−16	0	0.34
41996		08 33 36.41	+35 47 54.2	8.18		H	128.401 725 78	+35.798 389 59		2.49	−2.89	−24.23	0.94	0.59	1.09	1.16	0.76	−19	+10	−17	−10	−22	−26	−20	+5	+21	−58	0	−0.57
41997		08 33 36.64	+13 33 03.0	7.82		H	128.402 654 40	+13.550 827 06		7.29	24.94	−15.37	1.25	0.80	1.46	1.39	0.96	−4	+13	−56	−47	−3	−19	−21	+28	−36	+7	0	0.87
41998		08 33 37.88	+39 57 15.4	9.62		H	128.407 854 11	+39.954 287 86		5.07	1.64	−7.62	1.32	0.78	1.48	1.95	1.17	−9	+19	−1	−9	−9	+0	−7	+8	−2	−21	0	−0.71
41999		08 33 38.07	+27 20 42.0	8.58		G	128.408 641 54	+27.344 996 15		2.11	−8.42	−15.09	0.85	0.58	0.99	1.08	0.80	−25	+24	−22	+3	−7	−33	−13	+30	+3	−27	0	0.53
42000		08 33 38.24	+07 41 44.4	8.94		H	128.409 329 98	+07.695 673 83		6.46	21.83	−61.86	1.18	0.71	1.31	1.51	0.94	−1	+31	−20	+1	+12	−23	+3	+37	−11	+12	0	0.70

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
41901	7.870	0.010	7.606	0.011		0.251	0.014	T	0.28	0.02	L	7.6674	0.0013	0.011	73		7.65	7.69		C			1							S
41902	9.846	0.020	8.461	0.011		1.172	0.018	T	1.13	0.02	L	8.4910	0.0016	0.019	120		8.46	8.52		C			1							
41903	8.910	0.015	8.426	0.015		0.456	0.019	T	0.53	0.02	L	8.4819	0.0020	0.014	73		8.44	8.50					1 G							P
41904	6.469	0.004	6.478	0.007		−0.007	0.007	T	0.01	0.01	L	6.4849	0.0006	0.005	61		6.48	6.49					1							S
41905	8.174	0.008	6.634	0.004		1.293	0.007	T	1.25	0.01	L	6.6500	0.0008	0.008	125		6.64	6.67		C			1							S
41906	7.536	0.010	7.489	0.009	*	0.048	0.012	T	0.06	0.01	L *	7.4768	0.0068	0.056	116	*	7.44	7.59	2.16	P 1 A	08327−5528	I 1	2 C S C	AC	30	0.120	0.038	2.18	1.11	S
41907	7.307	0.005	6.211	0.004		0.946	0.003	G	0.97	0.04	E	6.2658	0.0007	0.007	111		6.25	6.28					1							S
41908	8.005	0.008	8.046	0.010		−0.051	0.015	G	−0.03	0.01	H	8.0513	0.0014	0.012	119		8.03	8.08		C			1							
41909	6.965	0.006	5.477	0.004		1.252	0.002	G	1.11	0.04	E	5.5011	0.0011	0.007	77		5.49	5.51					1							S
41910	9.474	0.017	8.901	0.015		0.539	0.017	T	0.61	0.02	L	8.9912	0.0017	0.018	115		8.96	9.02					1							
41911	9.025	0.010	8.384	0.009		0.595	0.012	T	0.67	0.01	L	8.4091	0.0017	0.016	152		8.38	8.44					1 S							
41912	10.017	0.022	9.610	0.023		0.385	0.029	T	0.45	0.03	L	9.7048	0.0026	0.027	137		9.65	9.75		C			1							
41913	9.313	0.020	7.557	0.010		1.464	0.018	T	1.47	0.03	L	7.5381	0.0014	0.010	74		7.52	7.56		C			1							S
41914	9.374	0.017	8.273	0.012		0.950	0.016	T	0.94	0.01	L	8.3281	0.0013	0.013	83		8.31	8.35		C			1							S
41915	9.301	0.020	8.999	0.022		0.320	0.015	G	0.37	0.02	H	8.9969	0.0019	0.013	73		8.97	9.03		C			1							
41916	8.230	0.008	8.159	0.010		0.064	0.011	T	0.07	0.01	L	8.1795	0.0011	0.011	112		8.15	8.20					1							S
41917	10.465	0.035	9.199	0.020		1.079	0.031	T	1.04	0.03	L	9.3256	0.0027	0.018	77		9.30	9.36		C			1							
41918	9.280	0.014	8.192	0.009		0.940	0.013	T	0.93	0.01	L	8.2416	0.0017	0.016	163		8.21	8.27					1							
41919	9.309	0.014	9.316	0.019	*	0.003	0.015	G	0.02	0.01	H *	9.3264	0.0021	0.017	133	*	9.29	9.36		C	08328−4153	H 1	2 C S C	AB	243	0.159	0.054	0.94	1.32	G
41920	9.771	0.023	8.997	0.019		0.704	0.023	T	0.76	0.02	L	9.0618	0.0030	0.014	66		9.04	9.08					1							
41921	9.118	0.014	9.158	0.018		−0.033	0.015	G	−0.01	0.01	H	9.1618	0.0024	0.018	108		9.13	9.19					1							
41922	9.128	0.018	8.896	0.020		0.221	0.025	T	0.24	0.03	L	8.9001	0.0032	0.014	64		8.86	8.92		C			1							
41923						0.564	0.072	G	0.64	0.07	R	11.3293	0.0058	0.053	75		11.24	11.38					1							G
41924	10.855	0.052	9.350	0.025		1.266	0.045	T	1.22	0.05	L	9.3734	0.0027	0.017	66		9.35	9.40		C			1							
41925	10.945	0.042	10.408	0.040		0.504	0.052	T	0.58	0.06	L	10.5625	0.0023	0.033	159		10.48	10.64					1							G
41926	7.355	0.004	6.469	0.003		0.780	0.010	G	0.84	0.02	A	6.5192	0.0007	0.008	181		6.51	6.53		C			1							S
41927	8.085	0.006	6.460	0.003		1.360	0.005	T	1.33	0.01	L	6.4641	0.0008	0.009	207		6.45	6.48					1							S
41928	6.736	0.004	6.629	0.004		0.130	0.002	G	0.30	0.03	C	6.6386	0.0010	0.010	129		6.62	6.65					1							S
41929	10.653	0.035	9.076	0.016		1.322	0.030	T	1.28	0.04	L	9.0940	0.0018	0.017	126		9.06	9.12					1							
41930	10.324	0.035	9.581	0.029		0.680	0.036	T	0.74	0.03	L	9.6600	0.0027	0.022	96		9.62	9.69					1							
41931	9.074	0.012	7.654	0.007		1.199	0.011	T	1.16	0.01	L	7.6820	0.0011	0.012	140		7.66	7.70					1							S
41932	9.017	0.011	7.980	0.008		0.902	0.010	T	0.90	0.01	L	8.0268	0.0011	0.011	150		8.01	8.04			08329−3811	I 1	1							S
41933	10.402	0.038	8.546	0.016		1.543	0.033	T	1.60	0.07	L	8.5068	0.0030	0.018	70		8.48	8.53					1							
41934	11.740	0.077	10.545	0.043		0.985	0.003	G	1.03	0.00	I	10.6210	0.0040	0.040	169		10.55	10.69					1							G
41935	7.318	0.007	6.007	0.004		1.106	0.002	G	1.10	0.06	F	6.0511	0.0008	0.006	104		6.04	6.07					1							S
41936											T	11.4594	0.0663	0.283	56		10.96	11.75	0.56	P 1 A			1 S							D
41937	11.228	0.104	9.842	0.045	*	1.118	0.015	G	1.20	0.02	I *	10.0304	0.0026	0.019	91	*	10.00	10.07		D	08329−0933	I 1	2 C A	AB	181	3.527	0.006	0.23	0.02	G
41938	9.511	0.018	7.451	0.007		1.705	0.015	T	1.73	0.01	L	7.3240	0.0014	0.013	126		7.30	7.35					1 S							S
41939	7.566	0.005	6.470	0.004		0.951	0.001	G	0.95	0.04	E	6.5277	0.0013	0.015	151		6.51	6.56		U 2			1							S
41940	7.652	0.008	6.449	0.006		1.032	0.002	G	0.96	0.04	E	6.5114	0.0008	0.007	80		6.50	6.53		C			1 G							S
41941	6.200	0.003	6.337	0.004		−0.119	0.004	T	−0.10	0.01	L	6.3274	0.0015	0.011	120		6.31	6.34		M	08330−4545	I 1	1							S
41942	9.219	0.014	9.056	0.017		0.149	0.021	T	0.16	0.02	L	9.1409	0.0016	0.016	109		9.11	9.17		C			1							
41943	10.256	0.031	9.110	0.020		0.985	0.029	T	0.97	0.02	L	9.1954	0.0028	0.017	81		9.17	9.23		C			1							
41944	10.488	0.031	8.656	0.013		1.524	0.027	T	1.56	0.04	L	8.6311	0.0014	0.015	136		8.60	8.66					1							
41945	9.926	0.020	8.914	0.014		0.883	0.018	T	0.89	0.01	L	8.9483	0.0020	0.015	100		8.92	8.97		C			1							
41946	11.700	0.090	10.323	0.042		1.165	0.078	T	1.13	0.07	L	10.3433	0.0033	0.040	108		10.26	10.43		C			1							G
41947	8.940	0.007	8.865	0.009		0.068	0.010	T	0.08	0.01	L	8.9112	0.0018	0.024	321		8.88	8.96					1 G							
41948	8.578	0.005	7.383	0.003		1.023	0.005	T	1.00	0.00	L	7.4439	0.0007	0.011	362		7.42	7.47					1							S
41949	6.526	0.003	6.244	0.004	*	0.270	0.010	G	0.30	0.01	H *	6.2714	0.0008	0.007	126	*	6.26	6.28		D	08331−2436	I 1	2 C A	AB	328	0.549	0.002	0.12	0.01	S
41950	10.661	0.045	9.970	0.039		0.638	0.049	T	0.70	0.04	L	10.0554	0.0023	0.020	84		10.02	10.08		C			1							
41951	8.807	0.015	8.034	0.012		0.719	0.015	G	0.77	0.01	H	8.0824	0.0017	0.010	64		8.06	8.10		C			1							S P
41952	10.821	0.039	9.221	0.016		1.341	0.033	T	1.31	0.04	L	9.2241	0.0026	0.025	143		9.18	9.26					1 S							
41953	8.903	0.013	7.753	0.009	A	0.988	0.012	T	0.97	0.01	L	7.8248	0.0088	0.021	149	A	7.74	7.87		D	08331+5521	I 2	1 C P B							S
41954	7.340	0.005	7.462	0.007		−0.109	0.008	G	−0.09	0.01	H	7.4534	0.0017	0.015	115		7.43	7.49		U			1							S
41955	10.480	0.039	9.576	0.027	B	0.803	0.035	T	0.83	0.03	L	9.7763	0.0391			B				D	08331+5521	I 2	1 C I B							
41956	8.686	0.015	7.536	0.010		0.988	0.014	T	0.97	0.01	L	7.6026	0.0015	0.011	83		7.59	7.62		C			1							S
41957	10.206	0.027	8.494	0.012		1.429	0.023	T	1.42	0.04	L	8.4801	0.0018	0.018	122		8.46	8.51		C			1							
41958	8.386	0.009	7.231	0.006		0.992	0.008	T	0.97	0.01	L	7.2939	0.0010	0.008	125		7.28	7.31					1							S
41959	9.738	0.022	9.425	0.025		0.299	0.036	T	0.34	0.05	L	9.5012	0.0026	0.024	118		9.46	9.54		C			1							G
41960	7.852	0.006	7.815	0.007		0.039	0.009	T	0.05	0.01	L	7.8395	0.0010	0.011	167		7.82	7.86			08332+3326	I 1	1							S
41961	6.890	0.005	6.814	0.006		0.075	0.007	T	0.09	0.01	L	6.8320	0.0011	0.007	66		6.82	6.84		C			1							S
41962	9.966	0.027	8.614	0.016		1.146	0.025	T	1.11	0.02	L	8.6393	0.0020	0.015	85		8.61	8.67		C			1							
41963	9.168	0.012	8.921	0.013		0.231	0.018	T	0.26	0.02	L	8.9506	0.0012	0.021	168		8.91	8.99		D			1							
41964	10.563	0.039	9.795	0.033		0.700	0.040	T	0.76	0.03	L	9.8634	0.0025	0.025	84		9.80	9.91		C			1							
41965	10.493	0.045	8.872	0.020		1.357	0.039	T	1.32	0.04	L	8.8945	0.0018	0.015	70		8.87	8.93		C			1							
41966	8.399	0.013	8.175	0.015		0.214	0.019	T	0.24	0.02	L	8.2387	0.0018	0.012	70		8.21	8.26		C			1							S
41967	9.062	0.007	8.325	0.006		0.660	0.007	T	0.72	0.01	L	8.3948	0.0017	0.024	340		8.36	8.44		U 2			1							
41968	7.956	0.010	7.390	0.011		0.525	0.001	G	0.60	0.00	H	7.4510	0.0019	0.011	67		7.43	7.47					1							S
41969	9.197	0.015	7.844	0.009		1.147	0.014	T	1.11	0.01	L	7.8878	0.0013	0.011	110		7.86	7.91		C			1							
41970	6.269	0.003	6.446	0.004		−0.153	0.004	T	−0.15	0.01	L	6.4291	0.0008	0.007	149		6.42	6.45					1							S
41971	9.689	0.018	8.594	0.012		0.946	0.017	T	0.94	0.01	L	8.6837	0.0017	0.017	155		8.66	8.72		C			1							S
41972	7.591	0.005	7.641	0.008		−0.037	0.004	G	−0.01	0.00	H	7.6473	0.0010	0.013	164		7.63	7.67		C			1							S
41973	8.248	0.010	8.042	0.011		0.190	0.015	T	0.21	0.02	L	8.0800	0.0015	0.014	83		8.06	8.11		C			1							S
41974	9.684	0.021	8.207	0.012		1.244	0.019	T	1.20	0.02	L	8.2450	0.0019	0.014	80		8.22	8.27		C			1							S
41975	6.649	0.004	6.238	0.004		0.402	0.005	T	0.47	0.01	L	6.2896	0.0007	0.005	110		6.28	6.30		C			1							S
41976	10.397	0.037	8.582	0.016		1.510	0.032	T	1.54	0.05	L	8.5552	0.0022	0.016	66		8.52	8.58		C			1							
41977	10.319	0.025	8.911	0.013		1.190	0.022	T	1.15	0.02	L	8.9355	0.0019	0.019	144		8.91	8.97		C			1							
41978	10.633	0.052	8.899	0.020	*	1.446	0.044	T	1.44	0.07	L *	8.6812	0.0064	0.073	75	*	8.60	8.81		U 2 C	08334+2023	H 1	2 C S A	AB	193	0.142	0.008	0.59	0.41	
41979	11.118	0.075	11.342	0.154		−0.186	0.002	G	−0.20	0.00	H	11.3683	0.0068	0.046	73		11.29	11.44					1							G
41980	7.709	0.006	7.842	0.009		−0.100	0.015	G	−0.08	0.02	H	7.8282	0.0013	0.015	156		7.80	7.86		U 2			1							S
41981	10.215	0.038	8.653	0.019		1.311	0.033	T	1.27	0.04	L	8.6374	0.0014	0.013	115		8.62	8.66		C			1							
41982	10.627	0.036	9.032	0.017	A	1.342	0.033	T	1.31	0.04	L	9.0216	0.0068	0.015	121	A	9.00	9.05			08334−6701	I 1	2 C A	AB	130	10.038	0.020	2.71	0.09	
41983	7.945	0.008	7.934	0.013		−0.005	0.001	G	0.02	0.00	H	7.9341	0.0014	0.008	73		7.92	7.95		C			1							S
41984	7.950	0.007	7.136	0.007		0.735	0.008	T	0.78	0.01	L	7.1943	0.0007	0.008	128		7.18	7.21		C			1							S
41985	9.748	0.022	8.407	0.013		1.137	0.020	T	1.10	0.02	L	8.4368	0.0013	0.011	101		8.41	8.46					1							
41986	8.281	0.009	6.417	0.004		1.560	0.000	G	1.49	0.04	E	6.3951	0.0008	0.008	130		6.38	6.41					1							S
41987	8.052	0.011	8.061	0.013		−0.007	0.015	T	0.01	0.01	L	8.0705	0.0016	0.011	77		8.05	8.09		C			1							
41988	10.240	0.023	8.941	0.013	*	1.104	0.020	T	1.07	0.02	L *	8.9944	0.0019	0.019	147	*	8.96	9.04			08335+7728	H 1	2 C A	AB	313	0.847	0.018	3.02	0.08	
41989	8.774	0.016	8.758	0.020	*	0.019	0.024	T	0.04	0.02	L *	8.7335	0.0019	0.011	59	*	8.71	8.75		D	08335−0714	H 1	2 C A	AB	27	0.423	0.018	2.87	0.10	S
41990	11.336	0.071	10.428	0.050		0.806	0.065	T	0.83	0.05	L	10.5569	0.0036	0.025	91		10.51	10.60		C			1							G
41991	9.653	0.028	7.916	0.013		1.444	0.020	G	1.41	0.03	L	7.8863	0.0014	0.008	70		7.87	7.90		C			1							
41992	7.888	0.008	6.676	0.005		1.036	0.007	T	1.01	0.01	L	6.7266	0.0009	0.008	86		6.71	6.74		C			1							S
41993	10.223	0.038	9.345	0.029		0.768	0.037	T	0.81	0.04	L	9.3588	0.0034	0.019	67		9.32	9.39		C			1							
41994	10.752	0.052	10.187	0.050		0.529	0.064	T	0.60	0.07	L	10.1836	0.0042	0.031	65		10.10	10.24		C	08336+4555	I 1	1 S							
41995	8.829	0.012	7.155	0.006		1.399	0.011	T	1.38	0.01	L	7.1649	0.0007	0.009	117		7.15	7.18		D			1							S
41996	9.460	0.018	8.296	0.012		0.999	0.017	T	0.98	0.01	L	8.3498	0.0016	0.014	105		8.33	8.37		C			1							
41997	8.972	0.015	7.926	0.011		0.909	0.014	T	0.91	0.01	L	7.9853	0.0017	0.012	57		7.97	8.01					1							S
41998	10.096	0.031	9.680	0.032		0.393	0.041	T	0.46	0.04	L	9.7084	0.0024	0.020	80		9.67	9.74		C			1							
41999	9.704	0.025	8.641	0.017		0.880	0.015	G	0.89	0.01	H	8.7275	0.0013	0.012	86		8.71	8.76					1							
42000	9.468	0.021	8.988	0.021		0.452	0.027	T	0.52	0.03	L	9.0382	0.0021	0.013	65		9.01	9.06		C			1							

Number		Descriptor: epoch J1991.25					Position: epoch J1991.25			Par.	Proper Motion		Standard Errors					Astrometric Correlations (%)										Soln	
HIP		RA	Dec	V			α (ICRS)	δ		π	$\mu_{\alpha*}$	μ_δ	α*	δ	π	$\mu_{\alpha*}$	μ_δ	δ α*	π α*	π δ	$\mu_{\alpha*}$ α*	$\mu_{\alpha*}$ δ	$\mu_{\alpha*}$ π	μ_δ α*	μ_δ δ	μ_δ π	μ_δ $\mu_{\alpha*}$	F1	F2
		h m s	±° ′ ″	mag			deg	deg		mas	mas/yr	mas/yr	mas	mas	mas	mas/yr	mas/yr											%	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
42001		08 33 38.45	−38 50 55.8	5.92		H	128.410 195 15	−38.848 832 70		3.95	−21.04	7.43	0.36	0.43	0.52	0.39	0.50	+12	+3	−4	−2	−3	+11	−4	−11	+3	−2	0	0.46
42002		08 33 38.68	−63 18 56.9	8.78		H	128.411 175 34	−63.315 797 64		2.18	−10.00	11.93	0.72	0.68	0.79	0.71	0.82	−10	+20	−3	−35	−11	−20	−7	−10	+2	−48	0	−0.49
42003		08 33 38.71	−42 37 59.3	8.55		G	128.411 295 48	−42.633 130 68		4.14	−6.58	5.30	0.60	0.58	0.76	0.64	0.57	+2	+12	+15	+22	+10	+14	+10	+1	+12	+6	0	−1.07
42004		08 33 39.30	−47 30 30.6	9.34		H	128.413 757 10	−47.508 492 56		6.71	−13.34	−2.07	0.86	0.87	1.04	1.14	0.97	−7	−4	+13	+11	+11	−4	+9	−8	+5	−9	0	0.03
42005		08 33 41.69	+17 38 45.1	9.02		H	128.423 704 10	+17.645 871 14		3.11	9.04	−10.53	1.30	0.74	1.38	1.41	1.09	−13	+27	−24	−43	−2	−17	−10	+18	−37	−16	0	0.90
42006		08 33 42.43	+37 06 41.9	8.84		H	128.426 785 79	+37.111 644 52		3.53	7.67	−10.90	1.10	0.70	1.28	1.38	0.93	−31	+6	−20	−36	+5	+6	+8	−17	−8	−46	0	0.88
42007		08 33 42.61	−44 56 45.9	7.88		H	128.427 547 23	−44.946 075 29		1.53	−6.48	8.32	0.59	0.56	0.73	0.80	0.63	+2	+2	+2	−4	+6	−23	+5	−11	+12	−12	0	−0.85
42008		08 33 43.49	+04 45 25.3	5.89		H	128.431 194 60	+04.757 015 24		0.60	−14.30	−6.17	0.89	0.64	1.09	0.98	0.78	−49	+55	−46	+14	+4	−11	−6	+47	−11	−33	0	−0.46
42009		08 33 44.02	−28 08 04.3	9.09	1	H	128.433 419 26	−28.134 530 71		0.13	2.11	5.14	0.64	0.79	1.14	0.76	0.88	−10	+9	+2	−5	−9	+9	−8	+11	+0	−15	1	−0.03
42010		08 33 45.06	+13 15 26.7	6.26		H	128.437 768 97	+13.257 427 17		10.67	−32.22	−47.59	0.95	0.60	1.06	1.16	0.74	−11	+20	−47	−44	+4	−24	−16	+13	−19	+10	5	1.01
42011		08 33 45.92	−23 21 21.4	7.22		H	128.441 354 11	−23.355 948 16		32.24	−343.73	164.02	0.53	0.52	0.84	0.68	0.57	−21	+22	−3	+12	−3	−8	−6	+7	−9	−33	0	0.85
42012		08 33 46.44	+14 40 25.0	8.09		H	128.443 518 45	+14.673 614 43		3.93	−14.91	−14.39	1.05	0.63	1.14	1.61	0.89	−1	+8	−40	−37	+7	−32	−19	+21	−21	+31	0	−1.24
42013		08 33 46.78	−09 59 53.4	7.50	2	H	128.444 909 13	−09.998 163 71		2.15	−9.07	−0.60	0.74	0.68	0.99	0.87	0.81	−20	+5	−13	−2	−31	−26	−32	+48	+8	−30	0	3.59
42014		08 33 50.23	−32 01 11.6	10.00	2	G	128.459 304 48	−32.019 892 13		5.48	−2.09	−0.82	6.28	7.60	10.44	7.35	7.29	+13	+8	+6	−10	−1	+6	−1	−31	+7	+20	1	
42015		08 33 51.23	−10 57 52.0	8.59		H	128.463 461 20	−10.964 455 35		6.10	−13.07	−3.27	0.97	0.74	1.26	1.15	0.88	−24	+37	−6	−11	−33	−24	−19	+35	+10	−49	0	1.05
42016		08 33 53.22	−33 29 24.9	8.68		H	128.471 767 88	−33.490 237 76		0.19	−4.95	−4.52	0.58	0.69	0.93	0.64	0.67	+1	+0	−3	−7	+8	+5	+7	−16	+3	+0	1	−0.75
42017	H	08 33 53.80	+01 35 07.7	7.58		H	128.474 171 97	+01.585 461 47	A	3.36	−1.97	1.00	1.27	0.97	1.41	1.57	1.12	−25	+14	−28	+9	−2	−2	−2	+34	−9	−24	1	−0.74
42018		08 33 54.89	−06 01 40.7	8.77		H	128.478 702 64	−06.027 969 53	A	2.95	−12.95	−1.73	1.43	1.22	1.71	1.63	1.44	−31	+0	+4	−8	−5	−37	+1	+31	+6	−39	0	0.53
42019		08 33 55.09	+58 36 26.3	6.87		H	128.479 547 51	+58.607 313 24		4.97	−13.96	−29.99	0.50	0.48	0.78	0.69	0.61	−21	+30	−16	−32	−12	+1	−9	−34	+1	+18	0	−0.69
42020		08 33 55.43	+51 52 24.2	9.83		H	128.480 965 96	+51.873 387 11		1.18	−2.66	10.36	1.28	0.92	1.40	1.65	1.11	−7	+29	−14	+21	+5	−11	−2	+1	−10	−7	0	1.34
42021		08 33 55.73	−22 02 01.2	8.13		H	128.482 227 04	−22.033 664 59		3.06	−31.84	19.63	0.81	0.58	0.98	0.90	0.61	−14	+12	−6	+39	−8	+0	−12	+17	+4	−32	1	0.63
42022	H	08 33 57.91	−20 04 00.2	8.86		H	128.491 309 85	−20.066 711 18	*	3.15	0.37	−6.71	1.71	1.23	1.24	1.31	0.90	−27	+16	−27	+1	−12	−13	−15	+4	+4	−37	1	−0.12
42023		08 33 58.08	+10 35 10.4	7.54		H	128.492 016 90	+10.586 232 89		9.48	−49.94	−26.68	0.87	0.56	1.04	1.05	0.77	−14	+28	−24	−13	+7	−30	−6	+33	−28	−2	0	0.10
42024		08 33 59.13	+59 38 54.9	9.81		H	128.496 358 91	+59.648 570 52		5.24	13.37	−5.09	1.04	0.91	1.37	1.45	1.17	−30	+21	−19	−32	−5	+5	−5	−27	+4	+10	0	−0.20
42025		08 34 00.29	−06 28 55.2	8.16		H	128.501 204 53	−06.481 990 38		3.08	−6.43	2.01	0.92	0.68	1.10	1.20	0.92	−18	+13	−16	−21	+5	−19	+1	+19	−12	−17	0	1.56
*42026		08 34 00.78	−38 38 04.8	9.12		H	128.503 266 66	−38.634 662 01		6.46	14.29	−43.84	0.65	0.84	0.97	0.71	0.98	+5	−4	+3	+9	−3	+6	−4	+1	+3	−6	0	−1.51
*42027		08 34 00.78	−35 20 33.3	9.17		H	128.503 262 64	−35.342 592 80		4.63	−12.07	6.15	0.71	0.82	1.20	0.75	0.70	+4	+5	+37	+9	+4	+21	−4	−15	+5	+0	0	0.62
42028		08 34 01.64	−02 09 05.8	5.80		H	128.506 821 49	−02.151 604 82		10.00	−33.38	20.68	0.64	0.52	0.86	0.80	0.68	−25	+23	−23	−2	−4	−37	−11	+46	−5	−27	0	2.16
42029		08 34 01.72	−25 05 57.8	6.99		H	128.507 152 76	−25.099 398 86		9.05	6.08	0.11	0.48	0.45	0.70	0.50	0.50	+12	−8	−13	+24	+8	+8	+5	+5	−2	−14	0	0.25
42030		08 34 03.26	−01 34 04.7	7.46		H	128.513 566 16	−01.567 978 50		19.47	−113.75	−98.30	0.72	0.55	1.03	0.88	0.66	−11	+20	−34	−8	+12	−46	−3	+43	−18	−6	0	2.74
42031		08 34 03.33	−66 31 33.2	8.98		H	128.513 885 20	−66.525 889 48		5.29	−17.89	25.88	0.69	0.61	0.72	0.88	0.66	−3	+8	+5	+9	+2	−24	+3	−10	+3	−7	0	−1.09
42032		08 34 03.47	+42 33 31.4	10.34		G	128.514 471 95	+42.558 727 04		16.92	198.29	−93.27	1.81	1.11	1.95	2.27	1.53	−25	+30	−25	−24	−2	−21	−11	+8	−14	−23	0	−0.30
42033		08 34 04.34	−41 40 44.1	6.74		H	128.518 070 49	−41.678 909 69		1.91	−3.96	4.85	0.47	0.48	0.61	0.54	0.49	−2	+0	+11	−16	+12	+10	+11	−14	+11	−12	1	−0.70
42034		08 34 05.92	+03 28 46.5	8.93		H	128.524 663 84	+03.479 595 47		2.67	−6.19	−0.75	1.14	0.83	1.42	1.53	1.13	−17	+17	−24	+4	+13	−14	+6	+27	−22	−11	0	0.50
42035		08 34 06.57	+25 14 00.5	8.02		H	128.527 376 41	+25.233 463 97		8.51	−36.77	−19.73	0.93	0.63	1.03	1.24	0.81	−26	+12	−22	−24	+7	−29	+0	−2	−6	−9	0	1.42
42036		08 34 08.15	−44 32 41.5	7.47	1	H	128.533 954 51	−44.544 849 21		1.61	−5.91	7.07	0.54	0.52	0.68	0.65	0.54	+6	+8	+8	−18	+7	−21	+9	−11	+20	−7	1	−0.75
42037	H	08 34 09.35	−09 57 09.8	7.62		H	128.538 971 69	−09.952 725 38	*	11.22	−18.53	−1.49	1.59	1.05	1.11	1.48	1.27	−8	+12	+5	−27	−42	−28	−28	+32	+16	−31	3	0.40
42038		08 34 09.60	−53 04 17.5	6.79	1	H	128.539 990 45	−53.071 531 73		2.87	−12.14	10.13	0.42	0.41	0.47	0.54	0.48	+6	+4	+5	+14	−7	+2	−6	+0	+11	+3	1	−1.24
42039		08 34 10.27	+24 35 36.1	8.94		H	128.542 792 44	+24.593 354 88		3.51	−8.03	−14.11	1.04	0.65	1.17	1.29	0.87	−12	+13	−9	+13	+8	−31	+5	+20	−11	−12	0	0.23
42040	H	08 34 10.97	−39 43 45.0	7.01		H	128.545 720 03	−39.729 168 04	A	7.25	1.06	30.25	1.14	1.08	0.88	0.67	0.85	−12	+0	−13	−11	+1	+4	+8	+0	+17	−11	2	−0.56
42041		08 34 11.13	−45 38 11.8	7.55		G	128.546 387 62	−45.636 608 80		1.34	−11.54	7.16	0.53	0.50	0.64	0.65	0.59	+4	+6	+13	−13	−7	−4	−4	−3	+12	−16	3	0.16
42042		08 34 11.44	−36 54 22.9	6.69		H	128.547 650 91	−36.906 349 53		21.73	−84.78	61.73	0.40	0.44	0.57	0.39	0.44	+7	−8	−2	−4	−1	+4	−2	−14	+10	+4	0	0.34
42043		08 34 11.65	+01 08 03.1	8.89		H	128.548 528 54	+01.134 186 24		2.83	4.51	−9.39	1.01	0.74	1.32	1.36	0.94	−7	+8	−36	+26	+22	−34	+10	+48	−26	+4	0	1.56
42044		08 34 12.04	+64 04 20.7	10.17		H	128.550 160 80	+64.072 404 59		3.76	−3.26	−40.28	2.56	2.46	3.71	2.78	2.65	+8	+7	−8	+5	−18	−11	−19	−10	−13	+12	0	
42045		08 34 12.19	+63 37 21.7	8.31		H	128.550 810 23	+63.622 691 55		1.96	−21.66	11.18	0.74	0.75	1.11	0.76	0.75	−1	−11	−11	+25	−19	−15	−18	−3	−3	+4	0	0.32
42046	H	08 34 12.35	+56 55 23.4	8.17		H	128.551 451 87	+56.923 156 61	A	3.56	−14.14	−28.86	1.21	1.16	1.49	1.34	1.15	−4	+13	−23	−9	+10	−4	+12	−35	+12	+12	1	0.09
42047		08 34 12.81	−08 17 38.5	8.65		H	128.553 355 34	−08.294 017 04		5.91	5.37	−8.85	0.93	0.70	1.20	0.93	0.83	−31	+47	−14	+1	−32	−7	−34	+38	−16	−38	0	−0.34
42048		08 34 12.88	−42 06 09.0	7.27		H	128.553 684 42	−42.102 497 56		4.42	−3.08	−11.90	0.48	0.49	0.61	0.55	0.52	+4	+6	+6	+1	+15	+7	+13	−9	+13	−2	0	−0.68
42049		08 34 13.35	+08 27 08.5	6.04		H	128.555 613 63	+08.452 374 17		17.22	6.45	−14.42	0.79	0.51	0.89	0.97	0.68	−4	+19	−29	−18	−6	−19	−15	+35	−21	+2	0	1.25
42050		08 34 15.07	−12 20 46.7	7.86		H	128.562 793 06	−12.346 310 55		6.54	39.73	−16.69	0.78	0.68	1.08	0.96	0.72	−31	+23	−3	+13	−33	−3	−26	+22	+5	−47	0	−0.24
42051		08 34 15.90	+45 11 48.1	7.74		H	128.566 257 03	+45.196 701 14		9.13	−25.90	−20.18	0.88	0.60	1.03	1.28	0.88	−12	+12	−1	+13	−13	−6	−10	+16	+23	−11	0	−0.71
42052		08 34 18.49	+25 30 37.5	8.48		H	128.577 056 57	+25.510 423 99		2.89	8.20	−7.74	0.96	0.62	1.06	1.25	0.88	−14	+18	−22	+2	+4	−13	−1	+30	−12	−6	2	1.09
42053		08 34 18.94	+23 58 35.7	8.13		H	128.578 934 62	+23.976 574 88		3.46	4.18	−3.14	0.96	0.63	1.13	1.22	0.72	−21	+12	−28	−3	+7	−31	−3	+5	−10	−15	0	2.26
42054		08 34 19.14	−79 12 47.6	8.52		H	128.579 751 05	−79.213 213 67		3.05	−9.54	25.47	0.59	0.60	0.64	0.69	0.69	−1	+10	−1	+9	−18	+13	−20	−12	−4	−14	0	0.31
42055		08 34 19.92	−28 03 08.0	8.63		H	128.583 007 77	−28.052 234 95		1.64	12.44	−9.64	0.60	0.69	1.08	0.68	0.74	−9	+4	+8	+2	−6	+15	−6	+14	−3	−17	0	−0.61
42056		08 34 20.02	+22 30 29.2	9.49		H	128.583 405 49	+22.508 102 27		−0.14	−3.20	−17.04	1.25	0.70	1.34	1.65	0.83	−17	+28	−22	−29	+11	−30	+4	−10	−2	−13	2	0.95
42057		08 34 21.94	+16 52 49.3	8.35		H	128.591 403 90	+16.880 363 29		13.76	−49.28	−57.94	1.02	0.66	1.11	1.14	0.86	−16	+28	−31	−27	−2	−22	−13	+29	−20	−10	0	0.40
*42058		08 34 23.33	+18 23 51.6	7.44		H	128.597 196 34	+18.397 654 66		4.57	−13.66	−8.43	1.01	0.66	1.15	1.03	0.89	−31	+44	−31	−27	−7	−23	−18	+36	−28	−30	0	1.06
*42059		08 34 23.31	−82 34 00.8	6.84		G	128.597 137 60	−82.566 880 32		8.42	−48.97	61.30	0.49	0.50	0.55	0.56	0.57	−12	+15	−9	+5	+2	+10	+2	−13	−2	−15	0	0.94
42060		08 34 23.95	−36 41 37.0	8.22		H	128.599 796 31	−36.693 611 50		2.95	−5.95	−5.43	0.51	0.60	0.76	0.50	0.56	+5	+4	+8	−5	−5	+3	−4	−15	+9	+6	0	−0.78
42061		08 34 24.38	−54 40 03.2	8.32	2	H	128.601 575 82	−54.667 549 52		1.99	−8.32	8.48	0.57	0.61	0.66	0.65	0.67	+6	−8	+4	+2	−7	+2	−8	−3	+10	+1	0	0.22
42062		08 34 25.45	−21 12 08.0	8.24		G	128.606 029 34	−21.202 226 15		8.11	−1.64	12.32	0.72	0.62	1.00	0.74	0.69	−27	+21	−1	+36	+2	−8	−1	+13	+8	−47	1	0.97
42063		08 34 25.91	+58 48 13.2	9.14		H	128.607 944 22	+58.803 657 01		4.57	−6.18	−0.48	0.77	0.73	1.18	1.08	1.05	−29	+30	−10	−33	−8	−12	−13	−19	−3	+3	0	0.57
42064		08 34 26.02	−23 49 36.5	7.67		H	128.608 419 31	−23.826 803 80		6.97	−2.39	−36.55	0.60	0.64	0.98	0.73	0.77	−22	+10	+2	+22	−6	+14	+0	+11	−8	−30	0	−0.25
42065		08 34 26.59	−34 11 37.1	8.00		H	128.610 782 62	−34.193 637 60		3.22	−22.13	−16.70	0.51	0.60	0.79	0.57	0.63	+3	−1	+5	−1	+8	+3	+7	−3	−13	−5	0	−0.60
42066		08 34 26.72	−47 07 34.2	8.02		H	128.611 326 89	−47.126 162 37		4.26	−9.59	26.82	0.64	0.62	0.76	0.89	0.75	+1	−13	+7	+7	+2	+4	+0	−13	+6	−1	0	−0.63
42067		08 34 27.45	−61 29 17.9	8.44		H	128.614 375 15	−61.488 308 80		1.36	−11.94	5.16	0.67	0.57	0.66	0.70	0.59	+10	+0	−3	+29	−3	+10	−7	−9	+4	−1	1	0.68
42068	H	08 34 27.62	+67 11 20.3	8.35	2	H	128.615 103 46	+67.188 970 67	*	2.70	3.27	1.15	1.76	2.01	1.49	0.94	1.06	+50	+3	−5	+5	+0	+4	+0	+9	−8	+43	4	3.87
42069		08 34 28.99	−51 05 35.3	6.58		H	128.620 803 15	−51.093 148 56		2.95	−5.07	6.80	0.44	0.38	0.47	0.50	0.41	+5	+14	+5	+3	+0	−7	+0	+5	+3	+6	1	−0.84
42070	H	08 34 29.26	−37 36 40.3	6.28	1	G	128.621 928 54	−37.611 195 48	A	3.30	−11.49	10.84	0.59	0.71	0.78	0.61	0.67	+0	−20	−9	−7	−2	+6	−7	−23	+17	−4	2	1.33
42071		08 34 29.73	−27 05 53.5	6.40		H	128.623 866 86	−27.098 198 59		3.15	−37.72	15.41	0.38	0.44	0.70	0.47	0.50	−2	+14	−13	−28	−9	+7	−5	−2	−3	−10	0	0.70
42072		08 34 29.77	+47 08 22.6	6.68		H	128.624 022 99	+47.139 620 47		6.19	9.22	3.83	0.74	0.47	0.80	1.00	0.60	−4	+26	−13	+19	−3	−13	−6	+7	−2	−9	0	−2.42
42073		08 34 30.03	−44 30 22.6	9.27		G	128.625 121 28	−44.506 287 58		1.49	−6.88	5.51	0.84	0.83	1.06	0.99	0.84	−2	+8	+13	−19	+7	−20	+10	−20	+18	−13	0	−0.07
42074		08 34 31.76	−00 43 34.0	7.32		H	128.632 345 78	−00.726 123 64		45.95	−194.28	23.42	0.79	0.64	1.01	1.05	0.82	−16	+10	−29	+22	−1	−24	−9	+56	−17	−10	0	0.83
42075	H	08 34 31.95	−32 35 54.2	6.41		H	128.633 132 16	−32.598 396 12	*	15.93	−10.74	−143.01	0.37	0.46	0.65	0.45	0.47	+6	−2	+8	+8	+7	+22	+3	−27	+4	+3	0	0.45
42076		08 34 33.21	+05 30 14.1	6.63		H	128.638 367 28	+05.503 929 57		2.69	1.07	3.47	0.79	0.53	0.98	0.91	0.62	−32	+45	−40	−2	+24	−17	+12	+27	−8	−12	0	0.60
42077		08 34 33.53	−05 09 16.9	9.11		G	128.639 713 02	−05.154 691 27		4.01	−62.39	19.62	0.96	0.85	1.36	1.16	1.10	−25	+6	−26	−14	−3	−24	−6	+33	−19	−30	0	1.62
42078		08 34 35.69	−44 16 12.8	7.31		G	128.648 712 94	−44.270 226 76		6.48	−8.33	−21.25	0.59	0.52	0.70	0.70	0.56	+6	+1	+5	−16	+4	−14	+5	−13	+18	−5	0	0.01
42079		08 34 36.01	−57 05 53.4	9.01		H	128.650 035 41	−57.098 159 84		1.94	−7.55	17.60	0.73	0.74	0.80	0.73	0.79	+0	+3	+5	+0	+3	−1	−1	−34	+12	−12	0	0.40
42080		08 34 36.19	+65 08 43.0	5.47		H	128.650 780 50	+65.145 273 49		20.63	−47.06	−42.50	0.48	0.44	0.71	0.57	0.50	+7	+24	−10	+22	−17	+32	−18	−8	+6	+21	0	0.71
42081		08 34 37.63	−02 45 16.3	7.63		H	128.656 806 29	−02.754 539 38		6.06	−13.37	−11.26	0.76	0.63	0.99	1.01	0.83	−20	+9	−20	+13	−3	−33	−9	+50	−1	−21	0	0.52
42082		08 34 38.84	+28 26 37.4	8.51		H	128.661 814 10	+28.443 732 98		3.18	14.31	−3.49	0.95	0.59	1.08	1.12	0.79	−23	+35	−17	−3	+2	−27	−2	+21	+0	−17	2	0.65
42083		08 34 39.18	+21 29 35.0	8.06		H	128.663 258 32	+21.493 065 74		7.02	1.35	−20.02	1.07	0.63	1.23	1.29	0.77	−29	+15	−34	−26	−1	−11	−6	+18	−21	−28	4	0.72
42084		08 34 39.71	+09 22 19.2	8.93		G	128.665 458 24	+09.371 997 51		19.37	345.27	−224.94	1.15	0.81	1.36	1.37	1.01	−20	+13	−39	−30	−1	−16	−11	+31	−17	−14	0	1.41
42085		08 34 40.59	−44 31 42.0	7.93		G	128.669 127 81	−44.528 333 12		0.69	−5.75	6.04	0.60	0.56	0.74	0.71	0.57	+5	+11	+6	−18	+3	−25	+5	−19	+17	−9	1	1.43
42086		08 34 40.86	+69 58 06.1	8.83		H	128.670 237 03	+69.968 367 64		6.21	−7.10	−8.95	0.65	0.84	1.13	0.74	1.03	+40	+10	+5	+7	+2	+1	+3	+2	+5	+55	0	0.91
42087	H	08 34 43.43	+50 08 31.5	10.01		H	128.680 977 88	+50.142 093 40	A	1.21	−4.74	−14.19	2.66	1.95	2.56	3.89	2.50	−6	+9	−22	+26	−5	+12	+0	+20	+17	+19	0	−0.61
42088		08 34 43.61	−49 56 39.3	5.01		G	128.681 703 13	−49.944 246 27		3.72	−12.56	17.66	0.46	0.37	0.48	0.50	0.39	+0	−15	+5	−8	−3	−3	−2	+2	+2	−6	0	0.46
*42089		08 34 43.91	+79 58 28.0	10.06		H	128.682 974 67	+79.974 431 19		0.21	5.97	3.70	0.92	0.86	1.23	1.08	0.98	−8	+23	−10	+13	−15	+13	−12	−13	−12	+6	0	0.21
*42090		08 34 43.90	+36 25 11.0	5.76		H	128.682 931 47	+36.419 719 03		10.17	−26.73	−41.19	0.69	0.42	0.75	0.98	0.54	−26	+3	−15	−30	−8	+5	+0	−7	−4	−48	0	−0.21
42091	H	08 34 43.94	+63 10 45.8	9.74		H	128.683 085 49	+63.179 377 73	*	10.14	−173.61	−14.42	4.07	3.91	1.98	1.58	1.46	+16	−1	−4	+26	−13	+2	−23	+21	−3	+19	0	0.49
42092		08 34 45.14	+01 29 13.4	8.21		H	128.688 093 96	+01.487 061 17		4.38	−35.21	14.82	0.92	0.68	1.10	1.22	0.87	−8	+11	−25	+26	+12	−27	+5	+46	−11	−6	0	0.99
42093		08 34 46.62	+41 26 39.6	9.95		H	128.694 245 65	+41.444 333 57		3.60	−0.15	−22.59	1.60	1.09	1.88	2.18	1.53	−30	+33	−33	+10	−8	+18	−9	+23	−5	+4	0	−1.76
42094		08 34 46.97	+00 16 39.7	9.44		H	128.695 714 53	+00.277 692 41		5.56	−6.97	−10.45	1.24	0.97	1.85	1.74	1.20	−20	+33	−53	+14	+32	−34	−2	+55	−44	+23	0	−2.37
42095		08 34 47.27	−36 58 57.0	7.94		G	128.696 946 27	−36.982 492 52		4.02	−37.05	31.52	0.49	0.63	0.76	0.54	0.63	+6	+2	−1	−6	−2	+15	−2	−19	+16	+7	0	0.06
42096		08 34 50.32	+69 41 08.7	9.36		H	128.709 670 64	+69.685 742 87		15.69	−129.18	−155.11	0.76	0.92	1.30	0.88	1.16	+30	+9	−4	+8	−5	+4	−2	−6	+5	+49	0	0.64
42097		08 34 51.34	−26 29 46.6	8.76		H	128.713 905 39	−26.496 284 83		0.71	−5.78	8.47	0.81	0.74	1.15	1.18	0.84	+6	−2	−16	+13	+12	−15	+8	+19	−11	−8	0	−0.32
42098		08 34 52.54	−14 27 22.6	8.83		G	128.718 912 79	−14.456 283 76		14.50	91.99	−168.68	0.84	0.82	1.12	1.02	0.86	−34	+10	−4	+9	−43	−15	−35	+31	+14	−47	0	0.65
42099	H	08 34 52.62	−21 27 32.6	7.65		H	128.719 264 19	−21.459 054 03	*	2.32	−7.58	6.50	1.20	1.33	1.27	0.88	0.85	−43	+12	−13	+28	−1	−14	−8	+11	−5	−52	4	0.14
42100		08 34 52.72	−58 47 45.5	7.60		H	128.719 676 09	−58.795 975 13		12.26	7.82	−51.73	0.52	0.51	0.57	0.58	0.54	+9	−8	−2	+3	−10	+12	−12	−22	+20	+6	0	0.55

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T	σ	V_T	σ		B–V	σ		V–I	σ		Hp	σ	s	N		Max	Min	P		CCDM		Flags		AB	θ	ρ	σ_ρ	ΔHp	σ	Flags
	mag	mag	mag	mag		mag	mag		mag	mag		mag	mag	mag			mag	mag	days							°	″	″	mag	mag	
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61		62	63	64	65	66	67	68-70
42001	5.768	0.002	5.899	0.003		−0.114	0.003	T	−0.10	0.00	L	5.8883	0.0005	0.004	147		5.88	5.90		C			1								S
42002	9.939	0.023	8.892	0.016		0.909	0.021	T	0.91	0.01	L	8.9381	0.0014	0.017	110		8.91	8.97					1								
42003	8.470	0.008	8.523	0.011		−0.062	0.015	G	−0.04	0.01	H	8.5346	0.0014	0.016	150		8.51	8.56		C			1								
42004	10.361	0.030	9.429	0.022		0.824	0.028	T	0.85	0.02	L	9.4923	0.0023	0.023	123		9.46	9.53					1								G
42005	10.480	0.049	9.192	0.028		1.096	0.044	T	1.06	0.05	L	9.1875	0.0023	0.012	53		9.17	9.21		C			1								
42006	10.228	0.027	8.985	0.016		1.061	0.025	T	1.03	0.02	L	9.0094	0.0018	0.017	102		8.99	9.04					1	S							
42007	7.801	0.008	7.863	0.011		−0.053	0.012	T	−0.03	0.01	L	7.8739	0.0012	0.013	115		7.85	7.89					1								
42008	7.236	0.005	5.982	0.003		1.066	0.005	G	0.93	0.04	E	6.0483	0.0009	0.006	98		6.04	6.06		C			1								S
42009	9.081	0.013	9.066	0.016		0.002	0.004	G	0.02	0.00	H	9.0948	0.0021	0.031	169		9.04	9.14		U			1								
42010	7.803	0.010	6.384	0.006		1.179	0.007	G	1.08	0.04	E	6.4247	0.0009	0.006	64		6.41	6.44					1								S
42011	8.146	0.007	7.289	0.006		0.745	0.003	G	0.79	0.00	H	7.3562	0.0009	0.010	151		7.34	7.37					1								S
42012	8.400	0.012	8.094	0.012		0.276	0.015	G	0.31	0.02	H	8.1603	0.0014	0.012	59		8.14	8.18		C			1								S
42013	9.638	0.022	7.721	0.009		1.626	0.020	T	2.38	0.05	O	7.5323	0.0059	0.057	90		7.45	7.62		U 2			1	S							S P
42014						2.700	0.020	G	2.70	0.02	J	11.1744	0.0093	0.101	160		11.00	11.38		U			1 X								G G
42015	8.699	0.012	8.584	0.015		0.111	0.018	T	0.12	0.02	L	8.6323	0.0013	0.014	84		8.61	8.65		C			1								S
42016	8.810	0.010	8.682	0.012		0.124	0.015	T	0.14	0.01	L	8.7228	0.0017	0.021	165		8.69	8.77					1								
42017	7.614	0.012	7.466	0.014	*	0.142	0.017	T	0.16	0.02	L	* 7.6397	0.0011	0.010	84	*	7.62	7.66		D	08339+0135	I 1	2 C	A	AB	233	1.741	0.005	1.56	0.02	S
42018	8.945	0.016	8.797	0.019	A	0.142	0.023	T	0.16	0.02	L	8.8217	0.0099	0.016	69	A	8.79	8.85			08339−0602	I 1	2 C	D	AB	86	14.086	0.077	3.73	0.30	D
42019	6.870	0.003	6.872	0.005		0.003	0.005	T	0.02	0.01	L	6.8812	0.0008	0.009	175		6.87	6.90		C			1								S
42020	10.168	0.035	9.810	0.039		0.339	0.049	T	0.40	0.07	L	9.9064	0.0033	0.021	62		9.87	9.95		C			1								
42021	8.356	0.009	8.156	0.010		0.184	0.013	T	0.20	0.01	L	8.1958	0.0018	0.018	121		8.17	8.23					1								S
42022	9.255	0.016	8.890	0.017	*	0.346	0.021	T	0.41	0.03	L	* 8.9484	0.0020	0.016	89	*	8.92	8.98		D	08340−2004	I 1	2 C	A	AB	290	0.246	0.010	1.17	0.23	
42023	7.905	0.009	7.569	0.009		0.323	0.015	G	0.37	0.02	H	7.6158	0.0012	0.010	73		7.60	7.64		C	08340+1035	I 1	1								S
42024	10.292	0.027	9.825	0.027		0.440	0.035	T	0.51	0.04	L	9.9041	0.0028	0.032	146		9.86	9.97		C			1								
42025	9.960	0.029	8.315	0.015		1.376	0.026	T	1.35	0.03	L	8.3123	0.0019	0.012	60		8.29	8.33		C			1								
42026	9.801	0.018	9.196	0.016		0.563	0.018	T	0.64	0.02	L	9.2475	0.0020	0.023	144		9.21	9.29		C			1								
42027	9.541	0.015	9.188	0.017		0.343	0.020	T	0.40	0.03	L	9.2576	0.0026	0.026	153		9.22	9.30					1								
42028	5.807	0.003	5.800	0.004		0.007	0.004	T	0.03	0.00	L	5.8134	0.0008	0.006	84		5.81	5.82		C			1								S
42029	7.157	0.004	7.010	0.006		0.134	0.007	T	0.15	0.01	L	7.0438	0.0008	0.009	129		7.03	7.06					1								S
42030	8.212	0.011	7.542	0.010		0.612	0.015	G	0.68	0.01	H	7.5928	0.0013	0.010	76		7.57	7.61		C			1								S
42031	9.386	0.016	9.020	0.017		0.347	0.022	T	0.41	0.03	L	9.0591	0.0013	0.014	125		9.04	9.09		C			1								
42032	12.040	0.156	10.499	0.060		1.110	0.015	G	1.19	0.02	I	10.5503	0.0033	0.022	71		10.51	10.59					1								G
42033	8.274	0.008	6.852	0.005		1.201	0.007	T	1.16	0.01	L	6.9021	0.0008	0.008	131		6.89	6.92					1								S
42034	10.643	0.045	9.046	0.020		1.338	0.039	T	1.30	0.04	L	9.0790	0.0022	0.020	86		9.04	9.11		C			1								
42035	8.296	0.012	8.043	0.013		0.216	0.006	G	0.24	0.01	H	8.0896	0.0012	0.011	82		8.07	8.11		C			1 G								S
42036	7.259	0.005	7.427	0.009		−0.168	0.012	G	−0.17	0.01	H	7.4130	0.0013	0.013	115		7.39	7.44		M			1								S
42037	8.090	0.010	7.666	0.010	*	0.401	0.013	T	0.47	0.01	L	* 7.7090	0.0011	0.009	106	*	7.69	7.72		D	08342−0957	H 1	2 C	A	AB	206	0.210	0.009	1.29	0.16	S
42038	6.638	0.004	6.773	0.005		−0.111	0.001	G	−0.10	0.00	H	6.7567	0.0012	0.011	128		6.74	6.78		M			1								S
42039	9.002	0.015	8.949	0.019		0.054	0.022	T	0.07	0.02	L	8.9641	0.0015	0.016	81		8.94	8.99		C			1								
42040	8.567	0.010	7.131	0.006	*	1.212	0.009	T	1.17	0.01	L	* 7.1711	0.0009	0.009	124	*	7.15	7.18		D	08342−3944	H 1	2 C	A	AB	341	0.400	0.029	3.55	0.12	S
42041	7.365	0.007	7.502	0.008		−0.124	0.015	G	−0.11	0.02	H	7.5047	0.0014	0.011	110		7.48	7.52					1								S
42042	7.181	0.005	6.742	0.005		0.428	0.006	T	0.50	0.01	L	6.7879	0.0007	0.008	161		6.77	6.80					1								S
42043	9.567	0.023	8.945	0.020		0.549	0.015	G	0.62	0.01	H	9.0141	0.0018	0.013	80		8.99	9.04		C			1								
42044	10.836	0.041	10.184	0.037		0.605	0.047	T	0.67	0.04	L	10.2959	0.0035	0.038	124		10.21	10.37					1 X								G
42045	9.501	0.014	8.418	0.010		0.937	0.013	T	0.93	0.01	L	8.4705	0.0013	0.020	147		8.44	8.51					1								
42046	8.381	0.010	8.271	0.011	A	0.600	0.495	G	0.07	0.04	L	* 8.1925	0.0021	0.016	123	*	8.15	8.22		D	08342+5655	I 1	2 C	A	AB	88	1.468	0.010	1.75	0.03	S
42047	8.847	0.011	8.675	0.013		0.165	0.016	T	0.18	0.02	L	8.7111	0.0013	0.014	105		8.69	8.73		C			1								
42048	8.837	0.011	7.401	0.006		1.212	0.010	T	1.17	0.01	L	7.4365	0.0013	0.010	136		7.42	7.45					1								S
42049	6.418	0.005	6.075	0.006		0.332	0.004	G	0.39	0.01	H	6.1192	0.0007	0.005	61		6.11	6.13		C	08342+0827	I 1	1								S
42050	8.959	0.014	7.961	0.010		0.873	0.013	T	0.88	0.01	L	8.0208	0.0015	0.013	82		8.00	8.04		C			1								
42051	8.067	0.010	7.766	0.011		0.285	0.015	G	0.32	0.02	H	7.8103	0.0018	0.013	77		7.79	7.84		C			1								S
42052	10.574	0.054	8.659	0.019		1.624	0.047	T	1.65	0.14	O	8.5957	0.0031	0.019	83		8.55	8.61					1								
42053	9.739	0.023	8.215	0.012		1.281	0.020	T	1.24	0.02	L	8.2907	0.0013	0.010	79		8.28	8.31		C			1								
42054	10.317	0.029	8.674	0.013		1.375	0.025	T	1.35	0.03	L	8.6727	0.0011	0.013	136		8.65	8.69					1								
42055	10.011	0.021	8.714	0.012		1.103	0.019	T	1.07	0.02	L	8.7978	0.0016	0.020	172		8.77	8.83		C			1								
42056	9.975	0.031	9.587	0.033		0.367	0.042	T	0.43	0.05	L	9.5748	0.0023	0.016	65		9.55	9.62					1								
42057	9.108	0.019	8.411	0.017		0.630	0.015	G	0.70	0.01	H	8.4782	0.0015	0.012	66		8.46	8.50		C			1								S
42058	9.113	0.018	7.571	0.010		1.295	0.016	T	1.25	0.02	L	7.6006	0.0012	0.009	60		7.59	7.62		C			1								S
42059	7.343	0.004	6.880	0.005		0.436	0.006	T	0.50	0.01	L	6.9428	0.0011	0.009	113		6.93	6.96					1								S
42060	8.110	0.006	8.200	0.008		−0.074	0.009	G	−0.05	0.01	H	8.2028	0.0012	0.015	157		8.18	8.24		C			1								
42061	8.416	0.010	8.352	0.012		0.058	0.014	T	0.07	0.01	L	8.3499	0.0019	0.016	97		8.33	8.63		U 2 C			1								P
42062	8.670	0.009	8.278	0.010		0.364	0.007	G	0.43	0.01	H	8.3422	0.0012	0.013	159		8.32	8.37					1								
42063	9.380	0.013	9.193	0.015		0.179	0.019	T	0.20	0.02	L	9.2009	0.0017	0.024	177		9.16	9.25		C			1								
42064	8.015	0.009	7.699	0.008		0.308	0.015	G	0.35	0.02	H	7.7431	0.0014	0.014	118		7.72	7.77					1 G								S
42065	9.919	0.019	8.168	0.008		1.460	0.016	T	1.47	0.03	L	8.1369	0.0015	0.016	176		8.11	8.17					1								
42066	9.467	0.016	8.150	0.010		1.117	0.001	G	1.08	0.02	A	8.1903	0.0020	0.015	120		8.16	8.21					1								
42067	8.540	0.010	8.460	0.012		0.079	0.015	T	0.09	0.02	L	8.4768	0.0017	0.016	109		8.45	8.51			08345−6129	I 1	1								
42068	10.585	0.018	9.046	0.009	*	1.293	0.016	T	1.25	0.02	L	* 8.5107	0.0063	0.122	345	*	8.29	8.70		U 2	08345+6711	H 1	2 C	A	AB	117	0.184	0.005	0.19	0.12	
42069	6.375	0.003	6.545	0.004		−0.156	0.004	G	−0.16	0.01	H	6.5219	0.0007	0.007	120		6.51	6.53					1								S
42070	8.426	0.014	6.532	0.006	A	1.562	0.009	G	1.69	0.15	K	* 6.3635	0.0011	0.011	146	*	6.34	6.38		U 2	08345−3737	I 1	2 C	A	AB	41	1.938	0.006	2.43	0.03	S
42071	8.282	0.007	6.570	0.003		1.429	0.006	T	1.42	0.01	L	6.5380	0.0007	0.010	193		6.52	6.55					1								S
42072	6.667	0.005	6.669	0.007		0.003	0.007	G	0.02	0.01	L	6.6861	0.0010	0.007	73		6.67	6.70		C			1								S
42073	9.135	0.014	9.227	0.020		−0.078	0.030	G	−0.06	0.04	H	9.2443	0.0022	0.020	113		9.21	9.28					1								G
42074	8.314	0.012	7.406	0.007		0.791	0.011	T	0.82	0.01	L	7.4636	0.0011	0.009	77		7.45	7.48		C			1								S
42075	7.348	0.004	6.501	0.004	*	0.752	0.001	G	0.86	0.04	E	* 6.5496	0.0006	0.008	193	*	6.53	6.56		D	08345−3236	I 1	2 C S	A	AS	152	0.168	0.003	0.38	0.14	S
42076	8.724	0.012	6.812	0.005		1.587	0.010	T	1.61	0.01	L	6.7470	0.0009	0.008	86		6.73	6.76		C			1								S
42077	9.792	0.030	9.219	0.027		0.520	0.020	G	0.59	0.02	H	9.2173	0.0028	0.017	65		9.19	9.25		C			1								
42078	8.596	0.011	7.440	0.008		1.004	0.005	G	0.98	0.00	H	7.4833	0.0011	0.012	118		7.47	7.50					1								S
42079	11.177	0.061	9.207	0.019		1.639	0.005	G	1.61	0.01	J	9.1131	0.0027	0.022	121		9.08	9.15					1	S							
42080	5.716	0.003	5.479	0.003		0.207	0.002	G	0.16	0.03	C	5.5208	0.0005	0.006	119		5.51	5.53		C			1 G								S
42081	7.866	0.010	7.653	0.011		0.194	0.015	G	0.21	0.02	H	7.6909	0.0013	0.008	80		7.68	7.71		C			1								S
42082	9.115	0.016	8.582	0.015		0.500	0.015	G	0.57	0.02	H	8.6161	0.0013	0.014	80		8.59	8.64		D			1								
42083	8.600	0.015	8.094	0.014		0.476	0.019	T	0.55	0.02	L	8.1600	0.0022	0.011	57		8.14	8.18		C			1								
42084	9.922	0.029	9.003	0.022		0.801	0.001	G	0.84	0.00	H	9.0656	0.0020	0.014	64		9.04	9.09		C			1								
42085	7.843	0.007	7.931	0.010		−0.089	0.001	G	−0.07	0.00	H	7.9172	0.0017	0.012	118		7.90	7.94					1								S
42086	9.173	0.010	8.856	0.011		0.301	0.014	T	0.34	0.02	L	8.9088	0.0019	0.025	185		8.87	8.95					1								
42087	10.494	0.041	10.096	0.045	*	0.377	0.057	T	0.44	0.06	L	* 10.0969	0.0034	0.025	75	*	10.06	10.13		D	08347+5009	H 1	2 C	A	AB	219	0.568	0.014	1.84	0.06	
42088	6.722	0.004	5.135	0.002		1.304	0.071	G	1.27	0.02	A	5.1580	0.0006	0.005	128		5.15	5.17					1								S
42089	12.077	0.131	10.269	0.040		1.562	0.082	G	1.69	0.17	K	10.1660	0.0034	0.035	137		10.11	10.22					1								G
42090	5.817	0.004	5.760	0.003		0.051	0.004	T	0.06	0.00	L	5.7825	0.0006	0.006	99		5.77	5.79		C			1								S
42091	10.696	0.044	9.834	0.031	*	0.771	0.041	T	0.81	0.03	L	* 9.8912	0.0026	0.026	127	*	9.83	9.93			08347+6311	H 1	2 C	C	AB	66	0.263	0.063	2.30	0.52	
42092	9.669	0.023	8.305	0.013		1.155	0.021	T	1.12	0.02	L	8.3763	0.0014	0.013	89		8.36	8.40		C			1								S
42093	10.530	0.040	9.984	0.040		0.512	0.051	T	0.58	0.05	L	10.0583	0.0036	0.019	71		10.03	10.10		C			1								
42094	10.832	0.053	9.575	0.029		1.071	0.047	T	1.04	0.04	L	9.6076	0.0017	0.019	77		9.58	9.64		C			1								
42095	9.661	0.015	8.090	0.008		1.340	0.015	G	1.30	0.02	H	8.0856	0.0017	0.015	148		8.06	8.11					1								
42096	10.341	0.025	9.441	0.018		0.700	0.020	G	0.75	0.02	H	9.4977	0.0023	0.029	188		9.45	9.54					1								
42097	8.921	0.013	8.766	0.015		0.149	0.019	T	0.16	0.02	L	8.8186	0.0021	0.021	114		8.78	8.85					1								
42098	9.675	0.022	8.850	0.018		0.686	0.015	G	0.74	0.01	H	8.9559	0.0016	0.016	92		8.93	8.98		C			1								
42099	8.875	0.013	7.753	0.009	*	0.966	0.012	T	0.95	0.01	L	* 7.8121	0.0013	0.013	138	*	7.79	7.84			08349−2128	H 1	2 C	D	AB	239	0.221	0.054	3.38	0.41	D
42100	8.050	0.009	7.654	0.008		0.407	0.007	G	0.47	0.01	H	7.6956	0.0012	0.010	130		7.68	7.72		C			1								S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
42101		08 34 53.51	+48 32 01.6	6.75		H	128.722 972 51	+48.533 785 78		6.80	−38.11	−26.61	0.72	0.47	0.77	0.89	0.58	−6	+28	−10	−1	+4	−6	+0	−8	−11	−3	0	−1.35
42102		08 34 54.61	−57 32 37.0	9.24		H	128.727 522 08	−57.543 604 64		1.29	−4.01	9.29	0.78	0.76	0.84	0.82	0.83	−5	+6	+4	+8	+1	−1	−2	−27	+9	−16	3	−0.78
42103		08 34 55.00	+73 28 48.9	7.50		H	128.729 169 97	+73.480 261 14		11.21	76.02	46.20	0.56	0.64	0.80	0.69	0.82	+22	+11	−18	+4	−12	+18	−9	−24	+5	+30	0	−1.07
42104		08 34 57.50	+32 55 08.9	9.02		H	128.739 579 14	+32.919 143 38		5.42	1.18	−22.27	1.02	0.66	1.28	1.29	0.99	−36	+24	+2	+7	−38	−29	−28	+31	+23	−74	0	−1.14
42105		08 34 58.29	+72 00 15.2	8.52		H	128.742 874 67	+72.004 216 32		2.15	−12.61	−45.59	0.60	0.71	0.97	0.66	0.89	+15	+24	−4	+13	+2	+1	+5	−10	−4	+27	0	0.04
42106		08 34 59.65	+21 05 49.3	11.15	2	G	128.748 534 97	+21.097 031 13		6.45	−25.32	−17.40	2.61	1.41	2.64	3.00	1.81	−21	+13	−25	−46	−6	−14	−4	+10	−18	−33	0	0.58
42107		08 35 00.29	−48 34 31.2	8.80		H	128.751 205 23	−48.575 328 27		2.12	−6.16	0.87	0.72	0.68	0.81	0.81	0.75	−10	+4	+10	−24	+10	−6	+11	−19	+6	−18	1	−0.13
42108		08 35 00.49	−16 05 10.9	10.28		G	128.752 026 98	−16.086 356 05		27.31	50.04	52.22	1.39	1.14	1.86	1.59	1.30	−22	+29	−7	−12	+4	−19	+2	−6	−2	−36	0	1.89
42109		08 35 01.09	+50 28 19.3	8.30		H	128.754 533 27	+50.472 028 03		6.95	−9.19	−10.65	1.08	0.76	1.24	1.80	1.18	−16	+14	−27	+13	−13	+22	−8	+18	+25	+23	3	−1.55
42110		08 35 01.84	−27 59 47.3	8.54	2	H	128.757 678 04	−27.996 477 57		−1.29	4.83	−0.19	0.58	0.71	1.11	0.68	0.75	−5	+2	+9	−4	−7	+13	−6	+6	+2	−15	0	−1.20
42111		08 35 03.02	+41 01 25.8	7.42		G	128.762 601 74	+41.023 832 23		2.99	−43.58	−18.19	0.92	0.61	1.00	1.13	0.80	−20	+38	−25	+10	−6	+7	−9	+29	+0	+8	0	−0.06
42112		08 35 04.23	+11 17 01.8	7.47		H	128.767 626 83	+11.283 846 41		19.03	−46.43	−51.85	0.95	0.61	1.14	1.14	0.82	−20	+30	−33	−27	+19	−36	+3	+18	−25	−7	0	0.49
42113		08 35 05.38	−28 53 58.9	8.09		G	128.772 413 29	−28.899 682 41		4.06	−28.85	12.16	0.45	0.53	0.72	0.48	0.55	−4	−6	+4	+9	−2	+10	−3	+3	+1	−18	0	0.47
42114		08 35 05.42	−22 15 17.5	7.24		H	128.772 580 78	−22.254 862 14		7.11	19.66	−63.70	0.63	0.55	0.86	0.70	0.57	−21	+21	−12	+33	−17	−7	−21	+19	−7	−34	0	1.25
42115		08 35 05.64	−08 50 45.1	12.54		H	128.773 492 87	−08.845 869 23		2.31	18.50	−13.33	4.11	3.35	5.31	4.18	3.83	−49	+43	−28	−18	−34	−8	−33	+46	−13	−54	8	0.27
42116	H	08 35 07.42	−45 13 44.3	8.86		H	128.780 911 62	−45.228 963 61	A	1.78	−5.45	7.07	1.74	1.67	1.78	1.93	1.39	−6	+9	+4	−12	+6	−12	+6	−7	+15	−11	1	1.92
42117		08 35 07.81	−49 44 35.3	8.02		H	128.782 528 68	−49.743 141 89		3.74	−11.89	2.41	0.62	0.55	0.67	0.68	0.63	−2	−4	+6	−15	−2	+7	+0	+8	−3	−13	0	0.02
42118		08 35 09.31	−12 03 10.7	8.46		H	128.788 780 84	−12.052 976 31		3.44	−33.69	30.05	0.86	0.68	1.17	1.07	0.78	−16	+17	−15	−4	−9	+7	−6	+10	−2	−26	0	−0.12
42119		08 35 09.35	+00 21 45.7	6.94		H	128.788 950 67	+00.362 691 37		6.56	35.78	−28.54	0.79	0.55	0.98	1.09	0.71	−8	+20	−24	+22	+23	−27	+13	+45	−13	+5	0	−1.27
42120		08 35 09.50	+17 15 46.4	9.18		H	128.789 599 19	+17.262 899 71		2.88	−7.89	−26.64	1.35	0.84	1.46	1.87	1.26	−16	+25	−19	−9	−4	+4	−4	+34	−9	−15	0	1.38
42121		08 35 10.14	−54 12 22.4	7.06		H	128.792 239 29	−54.206 226 81		3.79	−15.40	14.86	0.45	0.45	0.50	0.55	0.50	+15	+3	+3	+5	−16	−5	−14	−4	+9	+5	0	−3.05
42122		08 35 11.44	−34 01 27.8	6.70		H	128.797 665 50	−34.024 402 31		4.11	−14.38	42.60	0.39	0.45	0.59	0.43	0.45	+4	−2	+3	−5	+10	+2	+9	−9	−4	−3	0	−0.78
42123		08 35 12.48	−39 58 14.0	6.44		H	128.802 004 79	−39.970 555 28		27.53	74.22	42.60	0.40	0.45	0.56	0.42	0.51	+5	+11	+7	−1	−4	+14	−7	−10	+0	−12	0	0.32
42124		08 35 13.20	+50 22 52.1	8.51		H	128.804 986 04	+50.381 136 89		2.19	−20.65	−6.03	1.08	0.76	1.16	1.70	1.15	−4	+8	−13	+15	−8	+15	−6	+24	+23	+21	0	−0.43
42125	H	08 35 13.54	+52 12 01.1	7.54		G	128.806 401 28	+52.200 310 10	A	4.31	−11.53	−17.72	4.37	2.79	3.47	4.75	2.98	−18	+13	+1	+37	−17	−3	−20	+24	−9	−31	0	−0.83
42126		08 35 14.14	+55 03 10.8	9.97		H	128.808 901 77	+55.052 987 98		−1.79	−5.70	−3.17	1.11	1.07	1.56	1.28	1.03	−21	+26	−13	−17	+15	−9	+24	−41	+16	+25	0	−0.58
42127		08 35 14.98	−31 17 08.3	7.87		H	128.812 406 22	−31.285 633 39		3.15	−20.38	4.37	0.43	0.53	0.78	0.49	0.51	+19	−5	−1	+13	+13	+5	+14	−12	+4	+31	0	0.74
42128		08 35 15.45	−60 24 02.5	8.38		H	128.814 383 37	−60.400 704 84		6.05	−19.10	16.42	0.65	0.62	0.69	0.68	0.61	−4	−8	+17	+17	−10	+3	−12	−6	+4	−11	0	1.44
42129	H	08 35 15.58	−58 13 29.1	5.27		H	128.814 915 78	−58.224 762 98	A	3.39	−21.11	11.56	0.45	0.46	0.45	0.46	0.45	−2	+6	−1	+3	−2	−7	−3	−21	+20	−14	1	−0.21
42130		08 35 15.81	−39 15 12.0	8.05		H	128.815 863 52	−39.253 339 58		2.33	−24.60	12.54	0.52	0.63	0.77	0.56	0.82	+11	+3	+10	+0	−1	+20	−3	+0	+11	−4	1	1.50
42131		08 35 17.56	+15 43 47.9	8.90		H	128.823 164 73	+15.729 972 33		0.52	−26.28	−9.67	1.32	0.77	1.37	1.41	1.03	−3	+3	−35	−41	−12	−26	−21	+31	−17	−10	0	1.14
42132		08 35 19.14	−19 02 28.1	7.53	1	H	128.829 735 06	−19.041 137 63		1.42	−0.69	−2.86	0.69	0.54	0.87	0.85	0.54	−11	+18	−5	+18	−25	−16	−22	+10	+2	−14	0	−1.04
42133		08 35 19.47	+19 35 24.3	6.55		H	128.831 114 64	+19.590 093 83		5.57	−35.66	−12.82	0.83	0.53	0.91	1.06	0.72	−14	+23	−10	+1	+9	−11	+3	+31	−12	−5	0	−0.50
42134	H	08 35 19.65	−58 00 33.5	4.84		H	128.831 867 65	−58.009 294 70	*	14.21	53.80	27.30	0.87	0.63	0.45	0.45	0.45	+25	+0	+0	+2	+2	−6	−7	−34	+12	−9	2	−0.50
42135		08 35 20.63	+75 10 47.0	8.33		H	128.835 961 08	+75.179 709 29		5.74	−33.64	−44.18	0.64	0.65	0.90	0.72	0.79	+19	+17	−15	−24	+1	−9	−6	+4	+7	+45	0	−0.73
42136		08 35 22.10	−51 49 13.6	7.57		G	128.842 089 78	−51.820 455 83		4.99	−15.30	13.46	0.50	0.47	0.56	0.58	0.50	+2	+9	+5	+5	+2	−4	+3	−6	+5	+2	1	0.23
42137		08 35 22.63	+66 16 46.2	9.02		H	128.844 296 08	+66.279 509 94		3.81	−15.89	−32.05	0.80	0.81	1.25	0.87	0.85	+25	+8	−11	+17	+8	−1	+8	+13	+5	+29	1	−1.24
42138		08 35 23.36	+66 16 15.4	8.74		H	128.847 334 34	+66.270 944 30		4.07	−17.05	−32.67	0.71	0.75	1.16	0.79	0.76	+25	+5	−21	+16	+7	+1	+8	+3	+7	+31	1	−0.05
42139		08 35 23.84	+63 17 18.2	10.02		G	128.849 313 28	+63.288 393 80		7.53	−46.79	−179.38	1.18	1.06	1.73	1.21	1.20	+0	+8	−4	+27	−17	+3	−17	+11	−12	+17	1	−0.03
42140		08 35 23.84	+03 17 33.4	9.36		H	128.849 346 15	+03.292 622 71		5.51	−11.92	−10.43	1.09	0.84	1.47	1.48	1.21	−32	+20	−26	−5	+24	−17	+18	+13	−22	−32	0	−1.41
42141		08 35 24.10	−30 56 53.1	9.05		H	128.850 408 67	−30.948 076 30		0.71	−7.15	4.92	0.58	0.74	1.13	0.64	0.72	+22	−11	−1	+8	+9	+19	+7	−14	+19	+28	0	−1.92
42142		08 35 24.96	+02 44 36.4	6.35		H	128.853 987 01	+02.743 440 25		5.92	−1.50	3.80	0.78	0.54	0.94	1.07	0.74	−7	+19	−23	+18	+18	−23	+13	+37	−8	−5	0	−1.32
42143		08 35 26.50	−68 26 34.6	8.81		H	128.860 427 59	−68.442 947 52		4.60	−10.08	18.18	0.72	0.68	0.78	0.88	0.69	−2	+16	+11	−4	−10	−22	−5	−10	+11	−13	1	0.73
42144	H	08 35 27.22	−25 06 29.6	7.53		G	128.863 406 84	−25.108 223 31	A	2.47	−23.73	10.44	1.40	1.16	1.46	1.35	1.02	−12	−3	−4	+22	+3	−5	+2	+15	+4	−29	0	1.42
42145		08 35 28.08	+41 44 30.5	8.74		H	128.867 007 32	+41.741 808 76		35.84	−267.20	−635.92	1.11	0.79	1.21	1.41	1.15	−31	+24	−19	−7	−13	+7	−15	+23	−2	−21	2	0.85
42146		08 35 28.21	−07 58 56.4	5.72		H	128.867 547 08	−07.982 330 83		12.15	−21.98	16.14	0.66	0.52	0.85	0.74	0.64	−27	+31	−2	−1	−30	−5	−26	+35	−11	−45	2	−0.98
42147		08 35 28.72	−26 50 36.7	5.95		H	128.869 674 45	−26.843 532 77		3.89	−31.26	18.68	0.39	0.40	0.64	0.49	0.46	−2	+8	+3	−23	−1	+8	+1	+1	−10	−13	1	0.72
42148		08 35 29.04	−20 21 14.7	8.50		H	128.871 008 63	−20.354 087 68		5.64	9.71	−26.13	0.75	0.61	0.98	0.77	0.68	−24	+29	−6	+40	−5	−10	−6	+14	+19	−42	1	−1.54
42149		08 35 29.42	−17 22 02.5	9.81		G	128.872 565 36	−17.367 357 27		7.37	10.44	−159.12	1.15	1.05	1.52	1.34	1.06	−21	+22	−26	+8	−29	−1	−27	+13	−3	−26	4	0.02
42150		08 35 29.52	+31 04 18.7	10.35		H	128.872 985 52	+31.071 851 22		0.67	−8.29	−5.13	1.49	0.90	1.63	1.76	1.34	−6	+10	−13	−16	+13	−16	+14	+10	−23	−12	0	1.00
42151		08 35 29.67	−29 31 25.0	7.57		H	128.873 608 47	−29.523 604 32		2.62	−18.01	9.93	0.35	0.46	0.66	0.37	0.45	+20	−2	−3	+9	+5	+2	+4	−7	+0	+15	0	0.72
42152		08 35 29.92	−55 06 09.9	8.02		H	128.874 648 75	−55.102 751 10		1.34	−6.43	5.50	0.53	0.57	0.62	0.64	0.62	+6	−6	−1	−2	−10	+9	−11	−19	+22	+2	0	−0.22
42153		08 35 32.82	+49 15 29.1	7.89		H	128.886 761 24	+49.258 084 88		7.27	−18.77	−36.65	0.95	0.61	1.03	1.34	0.72	−3	+14	−20	−9	−11	+18	−7	−3	+6	+7	0	−1.89
42154		08 35 36.57	−48 32 53.9	8.19		H	128.902 392 11	−48.548 316 71	A	2.56	−7.97	8.81	1.31	1.22	1.12	1.32	1.23	−8	+12	+15	−15	+11	−2	+10	−4	+1	−22	0	0.30
42155		08 35 36.75	−32 34 20.6	9.02		H	128.903 129 22	−32.572 395 83		3.41	−7.76	8.44	0.60	0.74	1.07	0.69	0.70	+11	+6	+19	+25	+10	+22	+7	−13	+5	+15	1	−0.38
42156		08 35 37.11	−48 33 07.9	10.48		H	128.904 617 48	−48.552 188 96	B	17.58	−25.33	6.01	19.00	17.48	8.37	14.94	11.68	−3	+21	+24	−20	+14	+3	+14	−3	+3	−22	0	0.30
42157		08 35 37.20	−42 33 37.7	7.47		G	128.905 007 98	−42.560 479 85		13.45	−21.37	8.49	0.48	0.50	0.61	0.54	0.52	+3	+4	+10	+14	+8	+11	+5	−10	+6	−4	0	1.68
42158		08 35 38.53	−59 32 35.0	9.63		G	128.910 541 15	−59.543 069 20		4.65	10.13	12.55	0.86	0.87	0.94	0.94	0.91	−2	−7	+4	+15	−5	+9	−10	−14	+8	−14	0	0.64
42159		08 35 39.38	+09 29 56.7	9.67		G	128.914 098 62	+09.499 096 13		2.20	−12.29	−4.92	1.32	0.85	1.43	1.60	1.18	−12	+3	−26	−37	+4	−14	+2	+9	−16	−16	0	3.19
42160		08 35 40.61	+66 23 36.2	8.68		H	128.919 221 01	+66.393 402 46		7.22	−8.69	−29.74	0.65	0.68	1.08	0.76	0.73	+41	−5	−14	+28	+2	+3	+3	+12	+5	+41	0	−0.82
42161		08 35 41.05	−52 19 20.4	7.47	2	H	128.921 033 90	−52.322 341 58		1.88	−0.32	14.04	0.58	0.52	0.63	0.74	0.55	+12	+16	+16	+8	+1	+0	+3	−11	+8	+14	0	0.16
42162		08 35 42.76	−32 12 50.1	8.11	1	H	128.928 158 87	−32.213 925 70		2.19	2.52	−10.02	0.53	0.65	0.93	0.59	0.61	+19	+16	+17	+8	+1	+12	+1	−21	+6	+22	0	0.93
42163		08 35 43.80	−40 52 06.1	7.41		H	128.932 508 31	−40.868 364 10		19.59	43.27	−32.88	0.46	0.52	0.63	0.52	0.62	−5	+13	+1	+8	−4	+14	−5	+0	−2	−15	1	0.28
42164		08 35 45.09	+19 46 16.3	7.48		H	128.937 892 41	+19.771 192 05		7.01	−35.62	−13.24	0.91	0.57	1.01	1.20	0.75	−9	+16	−26	−10	+13	−18	+5	+26	−18	+1	0	−0.05
*42165		08 35 46.48	+14 07 13.4	8.52		H	128.943 655 54	+14.120 396 44		12.27	32.35	−56.10	1.18	0.69	1.24	1.46	0.86	+2	+13	−44	−43	+2	−27	−17	+14	−15	+18	0	1.33
*42166		08 35 46.45	−28 28 42.7	7.13		H	128.943 560 99	−28.478 524 06		5.36	0.50	−28.49	0.42	0.48	0.68	0.48	0.52	−2	+3	−1	+8	−1	+12	−2	+3	−2	−14	0	−0.96
42167		08 35 46.54	+53 43 33.3	7.92		H	128.943 897 87	+53.725 928 09		4.65	−18.44	−21.20	0.78	0.60	0.93	0.93	0.59	+2	+19	+1	+16	+23	−15	+37	−32	−2	+48	0	−0.43
42168		08 35 47.86	−75 06 28.4	9.85		H	128.949 422 77	−75.107 880 36		13.93	−31.14	192.94	0.98	0.87	1.04	1.12	0.99	−5	+21	−5	+6	−1	+3	+6	−21	+29	+1	0	−0.69
42169	H	08 35 48.22	−43 45 19.8	8.03		G	128.950 919 72	−43.755 500 53	*	5.00	−42.35	33.88	0.61	0.57	0.74	0.73	0.55	+5	−2	+21	+5	+9	+13	+5	−7	+6	+4	0	0.65
42170		08 35 50.33	+46 42 11.3	9.52		H	128.959 718 09	+46.703 136 82		1.89	1.92	−6.76	1.30	0.84	1.37	2.03	1.24	−4	+18	−5	+2	−2	−4	+0	+7	+12	−3	0	−0.79
42171		08 35 50.67	−21 59 32.7	9.41		G	128.961 143 99	−21.992 406 31		1.43	−7.31	3.58	1.04	0.92	1.40	1.14	0.94	−31	+13	−3	+44	−16	+6	−18	+30	+1	−43	3	0.84
42172		08 35 51.05	+06 37 13.9	5.91		H	128.962 724 02	+06.620 538 14	A	37.68	−134.77	−131.00	1.58	1.20	1.41	2.05	1.42	−5	+18	−30	−3	+7	−11	−10	+36	−4	+18	21	0.96
42173		08 35 51.34	+06 37 23.2	7.25		G	128.963 926 86	+06.623 099 80	B	42.71	−120.67	−133.34	7.13	5.14	4.61	6.57	4.36	−6	+13	−41	−16	+9	−12	−12	+26	−6	+22	21	0.96
42174		08 35 51.35	−15 28 02.1	11.19		G	128.963 975 29	−15.467 257 51		18.05	−255.85	214.55	2.02	1.62	2.60	2.76	1.88	−22	+12	+11	+8	−29	−27	−22	+17	+12	−43	0	−0.21
42175		08 35 51.64	−00 28 51.1	8.18		H	128.965 173 92	−00.480 854 90		3.70	−15.84	0.87	0.87	0.70	1.17	1.10	0.85	−17	+20	−41	+25	+14	−23	−2	+54	−29	+2	0	0.59
42176		08 35 51.91	−11 17 29.1	7.36	2	H	128.966 296 30	−11.291 418 62		5.37	10.44	−23.37	0.86	0.64	1.06	1.07	0.73	−22	+26	+5	+20	−44	−18	−32	+36	+17	−49	0	−1.79
42177		08 35 52.04	−50 58 10.8	5.79	1	H	128.966 832 62	−50.969 676 96		6.99	−13.69	10.46	0.40	0.36	0.44	0.46	0.37	+6	+8	+14	+3	−4	−5	−2	−8	+6	+6	0	0.83
42178		08 35 52.48	−56 22 22.8	7.06		H	128.968 660 19	−56.373 010 50		17.52	−135.46	84.62	0.48	0.49	0.53	0.47	0.50	+15	+4	+3	+2	−15	+16	−19	−22	+10	+4	0	−0.86
42179		08 35 55.51	+31 48 57.2	8.90		H	128.981 295 01	+31.815 885 45		10.16	−24.45	−42.63	1.20	0.72	1.32	1.55	1.09	−14	+6	−13	−10	+12	−11	+12	+17	−9	−9	0	2.30
42180		08 35 57.01	+69 34 45.2	8.15		H	128.987 562 07	+69.579 231 17		6.71	−15.95	−43.65	0.56	0.71	1.01	0.62	0.83	+36	+0	−8	+21	+7	+7	+9	+10	+13	+49	1	0.14
42181		08 36 01.29	−41 32 53.9	8.29		H	129.005 387 80	−41.548 311 90		2.63	6.61	7.29	0.72	0.71	0.93	0.87	0.74	+0	+2	+18	−8	+10	+8	+9	−2	+1	−12	0	1.27
42182		08 36 01.45	+30 01 04.9	8.10		H	129.006 051 10	+30.018 029 29		11.73	27.64	−6.33	0.93	0.57	1.04	1.11	0.83	−17	+13	−16	−28	+11	−17	+9	−1	−24	−24	0	0.67
42183	H	08 36 02.24	−44 23 46.5	8.90		H	129.009 327 05	−44.396 255 11	A	0.92	−9.77	7.71	2.34	5.99	2.35	2.32	2.00	−3	+5	+1	−18	+1	−13	+2	−16	+11	−10	2	−0.05
42184		08 36 02.47	+24 03 04.1	6.99		H	129.010 298 31	+24.051 146 95		4.08	−0.62	0.92	0.79	0.47	0.90	1.06	0.58	−7	+5	−19	+7	+14	−38	+7	+3	−3	−13	0	1.19
42185		08 36 03.62	+29 02 05.8	10.48		G	129.015 074 33	+29.034 956 45		5.20	26.45	−220.62	1.78	1.02	1.97	2.26	1.39	−8	+19	−14	+8	+3	−12	−1	+12	−14	−21	0	−1.59
42186		08 36 05.60	+02 02 55.6	8.01		H	129.023 315 40	+02.048 772 49		3.64	−2.00	−7.62	0.85	0.63	1.03	1.20	0.87	−10	+14	−25	+21	+23	−31	+17	+34	−7	−15	0	−0.38
42187		08 36 07.71	+15 18 49.3	6.33		H	129.032 123 08	+15.313 688 27		12.23	5.99	−23.23	0.95	0.50	0.95	1.19	0.65	+10	+13	−38	−50	−2	−38	−24	+16	−25	+27	0	−1.16
42188		08 36 08.01	−64 48 49.2	8.27		H	129.033 385 65	−64.813 671 95		4.38	−11.00	14.25	0.56	0.54	0.61	0.57	0.64	−15	+11	+2	−10	−7	+8	−5	+5	−15	−41	0	0.27
42189		08 36 08.64	+43 03 55.2	8.81		G	129.036 008 31	+43.065 328 66		6.32	−17.99	−15.80	1.05	0.67	1.14	1.26	1.04	−15	+27	−13	−20	−8	−12	−12	+17	−8	−15	0	1.23
42190		08 36 10.22	−36 15 49.0	7.87		H	129.042 576 27	−36.263 622 95		4.24	−12.60	27.65	0.46	0.57	0.70	0.50	0.56	+1	+2	+6	+0	−6	+2	−6	−24	+9	−1	0	0.44
42191		08 36 10.22	−56 42 44.1	6.97		G	129.042 601 98	−56.712 258 67		11.45	−15.41	−41.49	0.48	0.46	0.52	0.47	0.49	+12	+2	+7	+12	−11	+12	−16	−18	+14	+1	0	−2.01
42192		08 36 10.83	−40 13 37.1	8.95		G	129.045 136 72	−40.226 983 25		0.10	−4.91	3.29	0.63	0.73	0.88	0.72	0.88	+2	+13	+6	+8	−4	+9	−6	+6	−4	−13	0	−0.99
42193		08 36 10.95	+13 46 39.2	7.40		H	129.045 629 66	+13.777 546 74		3.97	0.18	0.97	1.09	0.66	1.17	1.30	0.76	−7	+30	−46	−42	+4	−32	−23	+25	−18	+21	0	1.92
42194		08 36 11.50	+07 43 25.0	7.94		H	129.047 914 20	+07.723 623 52		0.91	10.09	−20.17	1.14	0.68	1.37	1.32	0.89	−19	+43	−40	−13	+2	−15	−17	+39	−30	+3	0	1.64
42195		08 36 13.13	+13 46 09.5	8.08		H	129.054 702 48	+13.769 318 14		4.05	−1.71	1.89	1.22	0.70	1.26	1.46	0.86	+6	+10	−42	−42	+0	−30	−19	+19	−14	+17	0	1.50
42196		08 36 14.42	−41 33 26.9	11.00		G	129.060 073 44	−41.557 483 21		27.20	−244.95	109.84	1.60	1.56	1.98	1.89	1.58	−10	+3	+24	−34	+12	+4	+16	−6	−1	−29	1	1.33
42197		08 36 15.56	+42 34 47.6	6.98		H	129.064 822 15	+42.579 878 53		13.08	9.73	−6.82	0.77	0.56	0.89	0.98	0.85	−14	+16	−16	−4	−5	−15	−6	+17	+0	−23	4	−0.91
42198		08 36 16.77	−31 20 17.9	7.59	1	G	129.069 875 40	−31.338 311 57		1.82	−13.07	5.82	0.39	0.45	0.68	0.44	0.45	+24	−6	−8	+3	+7	+8	+8	−17	+9	+33	0	−0.65
42199		08 36 17.18	−43 49 30.2	8.93		H	129.071 589 47	−43.825 042 73		2.54	−5.66	2.60	0.78	0.71	0.91	0.89	0.70	+10	+3	+11	−14	+4	−3	+3	−22	+4	+2	0	−1.25
42200		08 36 17.34	+43 37 02.9	10.74		G	129.072 237 95	+43.617 470 38		3.54	−19.94	−20.25	1.81	1.11	2.07	2.10	1.56	−6	+35	−16	−4	−8	−8	−7	+13	+5	−8	4	2.14

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
42101	6.980	0.006	6.769	0.006		0.202	0.008	T	0.22	0.01	L	6.8137	0.0011	0.007	70		6.80	6.83		C			1							S
42102	10.266	0.033	9.359	0.024		0.805	0.030	T	0.83	0.02	L	9.3950	0.0026	0.019	110		9.37	9.43		C			1							
42103	8.812	0.010	7.607	0.007		1.031	0.010	T	1.00	0.01	L	7.6654	0.0013	0.011	149		7.64	7.69					1 G							S
42104	9.500	0.016	9.050	0.016		0.424	0.021	T	0.49	0.02	L	9.1145	0.0018	0.021	132		9.08	9.16		C			1							
42105	8.711	0.009	8.533	0.010		0.171	0.013	T	0.19	0.01	L	8.5798	0.0017	0.016	169		8.55	8.61		C			1							S
42106	11.653	0.135	11.225	0.159		0.687	0.002	G	0.74	0.00	H	11.2954	0.0084	0.045	52		11.15	11.37		U			1							G
42107	10.130	0.028	8.902	0.017		1.049	0.026	T	1.02	0.02	L	8.9643	0.0023	0.014	118		8.94	8.99		C			1							
42108	11.896	0.159	10.613	0.081		1.240	0.015	G	1.20	0.01	H	10.3616	0.0041	0.030	74		10.29	10.41		C			1							G
42109	9.174	0.016	8.378	0.013		0.721	0.016	T	0.77	0.01	L	8.4446	0.0021	0.014	68		8.43	8.47		C			1							S
42110	10.792	0.045	8.755	0.013		1.724	0.039	T	2.26	0.10	O	8.5999	0.0130	0.094	176		8.48	8.73		U 2 C			1							P
42111	8.707	0.011	7.527	0.007		1.000	0.015	G	0.98	0.01	H	7.5888	0.0011	0.010	80		7.56	7.60		C			1							S
42112	8.073	0.011	7.525	0.009		0.513	0.013	T	0.59	0.01	L	7.5815	0.0013	0.009	67		7.57	7.59		C			1							S
42113	8.087	0.006	8.070	0.008		−0.009	0.002	G	0.01	0.00	H	8.0992	0.0011	0.013	178		8.08	8.13					1							
42114	8.844	0.011	7.365	0.006		1.245	0.010	T	1.20	0.01	L	7.4053	0.0010	0.011	126		7.39	7.43					1							S
42115											T	12.6239	0.0160	0.096	88		12.44	12.77					1							D P
42116	9.143	0.017	9.112	0.022	A	−0.200	0.495	G	0.05	0.06	L *	8.8830	0.0020	0.014	105	*	8.86	8.91		D	08351−4514	I 1	2 C A	AB	180	1.305	0.007	0.55	0.02	
42117	10.124	0.026	8.220	0.010		1.581	0.022	T	1.60	0.02	L	8.1420	0.0017	0.016	116		8.12	8.17					1							
42118	9.518	0.022	8.570	0.016		0.836	0.020	T	0.85	0.01	L	8.6130	0.0021	0.015	80		8.59	8.65		C			1							
42119	8.165	0.009	7.056	0.007		0.956	0.009	T	0.94	0.01	L	7.1063	0.0008	0.006	76		7.09	7.12		C			1							S
42120	9.463	0.022	9.203	0.025		0.248	0.031	T	0.28	0.04	L	9.2498	0.0020	0.014	58		9.23	9.27		C			1							
42121	6.916	0.005	7.034	0.005		−0.109	0.002	G	−0.09	0.00	H	7.0277	0.0007	0.007	114		7.01	7.04		C			1							S
42122	8.476	0.008	6.858	0.004		1.355	0.007	T	1.32	0.01	L	6.8465	0.0008	0.010	184		6.83	6.86					1							S
42123	7.145	0.005	6.509	0.004		0.578	0.006	G	0.66	0.07	F	6.5696	0.0005	0.008	144		6.56	6.58					1							S
42124	8.746	0.013	8.550	0.014		0.185	0.003	G	0.20	0.00	H	8.5707	0.0023	0.013	67		8.55	8.60		C			1							S
42125	8.860	0.016	7.659	0.010	A	1.020	0.015	G	0.99	0.01	H *	7.7047	0.0013	0.009	63	*	7.69	7.72		D	08352+5212	H 1	2 C B	AB	296	1.054	0.036	3.49	1.14	S
42126	10.129	0.023	9.979	0.029		0.144	0.035	T	0.16	0.04	L	10.0207	0.0030	0.035	124		9.96	10.07					1							
42127	9.113	0.010	7.983	0.007		0.972	0.010	T	0.96	0.01	L	8.0310	0.0011	0.016	219		8.01	8.06					1							
42128	8.974	0.012	8.448	0.011		0.494	0.015	T	0.57	0.02	L	8.4932	0.0015	0.015	117		8.46	8.52		C			1							
42129	5.081	0.002	5.228	0.002	*	−0.133	0.005	G	−0.16	0.03	C *	5.2101	0.0007	0.005	125	*	5.20	5.22		D	08353−5813	H 1	2 C A	AB	294	0.633	0.011	3.65	0.05	S
42130	9.961	0.021	8.205	0.010		1.464	0.018	T	1.47	0.03	L	8.1791	0.0011	0.014	130		8.15	8.20					1							
42131	9.258	0.019	8.926	0.020		0.315	0.026	T	0.36	0.04	L	8.9794	0.0018	0.019	66		8.95	9.02		C			1							S
42132	9.617	0.021	7.688	0.009		1.601	0.018	T	1.62	0.02	L	7.6384	0.0016	0.014	99		7.62	7.66		M			1							
42133	7.420	0.006	6.647	0.006		0.681	0.013	G	0.86	0.08	G	6.7091	0.0012	0.008	71		6.70	6.72		C			1							S
42134	6.116	0.003	4.957	0.002	*	0.981	0.041	G	0.98	0.02	A *	5.0097	0.0005	0.005	118	*	5.00	5.02		D	08353−5801	H 1	2 C A	AB	208	0.291	0.014	2.94	0.09	S
42135	8.890	0.010	8.382	0.010		0.493	0.015	G	0.57	0.02	H	8.4346	0.0022	0.019	157		8.41	8.48					1							S
42136	9.001	0.012	7.694	0.007		1.130	0.015	G	1.06	0.02	A	7.7290	0.0013	0.011	134		7.71	7.75					1							
42137	9.392	0.016	8.979	0.016		0.321	0.072	G	0.38	0.06	L	9.1004	0.0024	0.030	175		9.05	9.14		D	08354+6616	I 2	1 S							
42138	9.003	0.012	8.735	0.013		0.500	0.490	G	0.29	0.05	L	8.8076	0.0024	0.028	174		8.76	8.85		D	08354+6616	I 2	1							
42139	10.815	0.044	10.046	0.035		0.669	0.023	G	0.73	0.02	H	10.1600	0.0032	0.028	124		10.10	10.21					1							
42140	9.651	0.023	9.375	0.026		0.263	0.033	T	0.30	0.04	L	9.4336	0.0019	0.015	71		9.40	9.47		C			1							
42141	10.170	0.019	9.159	0.013		0.882	0.017	T	0.89	0.01	L	9.2068	0.0017	0.024	238		9.16	9.26					1							
42142	7.647	0.008	6.443	0.006		1.023	0.004	G	0.91	0.04	E	6.5102	0.0012	0.008	68		6.50	6.52		C			1							S
42143	8.940	0.011	8.832	0.014		0.098	0.016	T	0.11	0.02	L	8.8544	0.0021	0.022	131		8.82	8.90					1							
42144	8.367	0.011	7.531	0.010	*	0.778	0.015	G	0.81	0.01	H *	7.6671	0.0009	0.011	134	*	7.65	7.68		D	08355−2506	I 1	2 C A	AB	276	1.924	0.002	0.20	0.01	
42145	9.964	0.029	8.859	0.020		0.923	0.016	G	0.97	0.02	I	8.8836	0.0021	0.015	71		8.85	8.91		C			1							
42146	5.712	0.003	5.721	0.004		−0.004	0.005	T	0.02	0.01	L	5.7243	0.0006	0.007	100		5.71	5.74					1							S
42147	6.395	0.003	5.993	0.003		0.393	0.004	T	0.46	0.00	L	6.0367	0.0006	0.007	175		6.02	6.05		C			1							S
42148	8.926	0.012	8.520	0.012		0.397	0.014	T	0.46	0.01	L	8.5907	0.0017	0.016	124		8.56	8.62					1							
42149	10.612	0.044	9.917	0.037		0.637	0.003	G	0.70	0.00	H	9.9329	0.0030	0.030	91		9.86	9.99					1							G
42150	10.155	0.037	10.245	0.059		−0.077	0.063	T	−0.06	0.07	L	10.3317	0.0032	0.027	74		10.29	10.39		C			1							G
42151	7.595	0.005	7.573	0.006		0.025	0.007	T	0.04	0.01	L	7.5859	0.0007	0.011	244		7.56	7.61		C			1							S
42152	8.119	0.008	8.020	0.010		0.097	0.012	T	0.11	0.01	L	8.0570	0.0011	0.011	112		8.04	8.08		C			1							S
42153	8.161	0.010	7.913	0.014		0.241	0.015	G	0.27	0.02	H	7.9613	0.0013	0.011	68		7.94	7.98					1							S
42154	8.134	0.008	8.182	0.011	A	−0.039	0.013	T	−0.02	0.01	L	8.1805	0.0066	0.030	115	A	8.15	8.24		D	08356−4833	I 2	1 C P A							S
42155	9.181	0.011	9.027	0.013		0.140	0.016	T	0.15	0.02	L	9.0737	0.0023	0.022	188		9.04	9.11					1							
42156	10.685	0.051	10.400	0.060	B	0.271	0.074	T	0.31	0.09	L	10.6638	0.0576			B				D	08356−4833	I 2	1 C I A							
42157	7.975	0.007	7.512	0.007		0.441	0.008	G	0.51	0.01	H	7.5624	0.0011	0.010	140		7.55	7.58		C			1							S
42158	10.315	0.027	9.776	0.026		0.560	0.020	G	0.63	0.02	H	9.7755	0.0029	0.024	115		9.73	9.81		C			1							G
42159	9.911	0.028	9.648	0.033		0.210	0.020	G	0.23	0.02	H	9.7148	0.0019	0.019	71		9.68	9.75					1 S							
42160	9.052	0.010	8.706	0.010		0.328	0.013	T	0.38	0.02	L	8.7577	0.0021	0.021	201		8.72	8.79					1							S
42161	9.676	0.017	7.749	0.007		1.634	0.015	T	2.90	0.03	O	7.4000	0.0065	0.055	126		7.32	7.50		U 2			1 S							P
42162	10.173	0.020	8.327	0.008		1.567	0.018	T	2.29	0.04	O	8.1585	0.0019	0.022	195		8.12	8.19		U			1							
42163	7.954	0.007	7.463	0.006		0.462	0.008	T	0.53	0.01	L	7.5113	0.0009	0.008	131		7.50	7.52		C			1							S
42164	7.665	0.010	7.497	0.011		0.155	0.005	G	0.17	0.01	H	7.5309	0.0012	0.010	67		7.52	7.55		C			1							S
42165	9.056	0.018	8.584	0.018		0.445	0.023	T	0.51	0.02	L	8.6144	0.0017	0.011	61		8.60	8.63		C			1							S
42166	8.582	0.008	7.244	0.005		1.135	0.007	T	1.10	0.01	L	7.2943	0.0010	0.010	171		7.27	7.31					1							S
42167	9.255	0.015	8.017	0.010		1.057	0.014	T	1.02	0.01	L	8.0868	0.0019	0.014	97		8.06	8.11					1							
42168	10.878	0.044	9.860	0.030		0.888	0.040	T	0.89	0.03	L	10.0158	0.0027	0.020	109		9.98	10.04		C			1							G
42169	8.391	0.009	8.061	0.010	*	0.328	0.015	G	0.38	0.02	H *	8.1186	0.0012	0.012	121	*	8.10	8.14		D	08358−4345	I 1	2 C S A	AB	116	0.196	0.009	1.14	0.23	
42170	11.163	0.063	9.615	0.027		1.300	0.054	T	1.26	0.06	L	9.6745	0.0026	0.015	71		9.64	9.69					1							
42171	9.361	0.015	9.359	0.020		−0.013	0.002	G	0.01	0.00	H	9.4117	0.0029	0.023	109		9.37	9.45					1							
42172	6.528	0.006	5.966	0.007	A	0.530	0.007	T	0.60	0.01	L	6.0273	0.0053	0.014	62	A	6.02	6.10		D	08358+0637	I 2	1 C P A							S
42173	7.987	0.013	7.203	0.010	B	0.710	0.015	G	0.76	0.01	H	7.3662	0.0164			B				D	08358+0637	I 2	1 C I A							S
42174						1.308	0.015	G	1.51	0.02	I	11.3168	0.0058	0.035	65		11.24	11.37		C			1							G
42175	8.257	0.010	8.171	0.012		0.084	0.015	T	0.10	0.02	L	8.2178	0.0021	0.012	80		8.20	8.24					1							S
42176	9.507	0.019	7.575	0.008		1.638	0.017	T	2.25	0.04	O	7.4146	0.0037	0.022	81		7.37	7.45		U 2			1							S
42177	5.625	0.003	5.769	0.003		−0.132	0.005	G	−0.12	0.01	H	5.7462	0.0016	0.011	121		5.73	5.76	2.67	P 1 A			1 S							S P
42178	7.529	0.006	7.115	0.005		0.427	0.009	G	0.49	0.01	H	7.1592	0.0010	0.008	111		7.15	7.18		C			1							S
42179	9.623	0.025	8.933	0.021		0.637	0.027	T	0.70	0.02	L	9.0356	0.0018	0.015	77		9.00	9.08		C			1							
42180	9.223	0.011	8.255	0.008		0.850	0.010	T	0.86	0.01	L	8.3030	0.0015	0.017	201		8.27	8.34					1							S
42181	9.617	0.018	8.400	0.012		1.040	0.017	T	1.01	0.01	L	8.4566	0.0017	0.015	123		8.42	8.48					1							
42182	8.720	0.013	8.150	0.012		0.533	0.016	T	0.61	0.02	L	8.2139	0.0015	0.011	80		8.19	8.25					1							
42183	8.880	0.012	8.888	0.015	*	−0.006	0.017	T	0.01	0.02	L *	8.9079	0.0022	0.018	119	*	8.88	8.93		C	08360−4424	H 1	2 C B	AB	174	0.496	0.035	3.25	0.57	
42184	7.100	0.006	7.005	0.007		0.084	0.007	G	0.07	0.01	L	7.0179	0.0009	0.007	78		7.00	7.03		C			1							S
42185	11.343	0.097	10.430	0.064		0.565	0.004	G	0.64	0.00	H	10.5924	0.0039	0.030	75		10.53	10.64		C			1							G
42186	8.132	0.009	8.013	0.010		0.115	0.013	T	0.13	0.01	L	8.0551	0.0010	0.009	86		8.04	8.07		D			1							S
42187	6.729	0.006	6.357	0.007		0.338	0.008	G	0.40	0.01	L	6.4089	0.0012	0.009	67		6.40	6.42					1							S
42188	8.296	0.009	8.282	0.011		0.013	0.012	T	0.03	0.01	L	8.2840	0.0014	0.012	103		8.27	8.30		C			1							
42189	9.096	0.015	8.823	0.016		0.275	0.015	G	0.31	0.02	H	8.8771	0.0024	0.014	86		8.86	8.90					1							
42190	8.010	0.008	7.876	0.008		0.129	0.011	T	0.14	0.01	L	7.9152	0.0012	0.013	160		7.89	7.94		C			1							S
42191	7.517	0.006	7.024	0.006		0.485	0.001	G	0.56	0.00	H	7.0681	0.0009	0.007	118		7.05	7.08		C			1							S
42192	8.980	0.011	8.977	0.014		0.040	0.015	G	0.06	0.01	H	8.9716	0.0015	0.018	150		8.93	9.01					1							
42193	7.459	0.008	7.401	0.010		0.058	0.012	T	0.07	0.01	L	7.4235	0.0018	0.013	70		7.40	7.44			08362+1347	I 2	1							S
42194	9.461	0.024	8.074	0.014		1.173	0.022	T	1.13	0.02	L	8.1082	0.0012	0.009	59		8.09	8.12		C			1							
42195	8.186	0.013	8.090	0.015		0.094	0.019	T	0.11	0.02	L	8.1229	0.0014	0.010	69		8.10	8.14		D	08362+1347	I 2	1							
42196						1.392	0.005	G	1.65	0.01	I	11.1104	0.0052	0.045	116		11.01	11.18					1							G
42197	7.213	0.006	7.016	0.007		0.188	0.009	T	0.21	0.01	L	7.0384	0.0009	0.010	84		7.01	7.06		C			1							S
42198	7.463	0.005	7.574	0.005		−0.095	0.004	G	−0.08	0.01	H	7.5663	0.0011	0.013	233		7.55	7.59		M			1							S
42199	10.500	0.033	9.042	0.017		1.229	0.029	T	1.19	0.03	L	9.0971	0.0021	0.018	120		9.07	9.12		C			1							
42200	11.325	0.075	10.711	0.068		0.477	0.015	G	0.55	0.02	H	10.8676	0.0042	0.029	81		10.81	10.92		C			1							G G

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
42201		08 36 17.46	+20 20 29.5	7.47		H	129.072 768 43	+20.341 537 25		7.11	−35.76	−12.96	0.94	0.64	1.13	1.18	0.81	−18	+14	−39	−21	+11	−27	−2	+26	−26	−9	0	0.38
42202		08 36 17.85	−34 27 37.0	8.90		G	129.074 380 98	−34.460 277 52		18.85	−107.11	122.83	0.66	0.77	1.01	0.76	0.81	+3	−1	+9	+13	+10	+15	+6	−7	−13	−6	0	−0.66
42203		08 36 18.63	−64 39 31.0	7.86		H	129.077 644 43	−64.658 608 17		2.45	−8.87	13.17	0.50	0.49	0.55	0.52	0.59	−18	+3	+2	−14	−6	+4	−2	+7	−14	−44	0	−0.86
42204		08 36 18.98	−46 15 43.0	8.83		H	129.079 063 98	−46.261 954 11		3.83	15.12	−13.01	0.71	0.67	0.85	0.92	0.74	+5	+7	+9	−15	−4	−2	−2	−18	+13	−7	1	−1.17
42205		08 36 20.40	+03 57 27.1	9.43		H	129.084 990 05	+03.957 513 94		2.96	−12.51	3.90	1.14	0.90	1.54	1.56	1.05	−34	+32	−45	−10	+26	−29	+6	+28	−16	−10	0	−0.57
42206		08 36 20.72	−70 40 36.0	6.87		G	129.086 315 08	−70.676 677 01		5.97	−11.45	2.36	0.53	0.46	0.58	0.68	0.52	−1	+11	+20	−10	−9	−3	−12	+4	−21	−0	0	2.29
42207		08 36 21.72	−32 15 43.0	6.69		H	129.090 512 05	−32.261 949 78		6.96	−72.38	40.75	0.39	0.46	0.64	0.44	0.46	+20	+11	−5	+11	+2	+13	+6	−19	+12	+30	2	2.71
42208		08 36 21.81	+16 19 04.0	8.01		G	129.090 873 14	+16.317 783 10		2.99	−16.49	−7.50	0.96	0.62	1.14	1.16	0.90	−23	+11	−33	−31	+2	−21	−6	+31	−33	−18	0	−0.30
42209		08 36 21.87	+17 17 19.8	8.06		H	129.091 142 43	+17.288 843 76		6.84	−59.69	−57.01	1.21	0.71	1.41	1.78	1.09	−16	+30	−35	+4	+13	−6	−2	+42	−34	+4	3	−0.60
42210		08 36 22.27	−71 39 35.8	8.09		H	129.092 777 17	−71.659 956 78		5.06	5.67	25.82	0.65	0.58	0.66	0.82	0.68	−6	+1	+18	−20	−13	+20	−10	+9	−6	−29	0	1.87
*42211		08 36 22.45	+28 42 27.8	8.05		H	129.093 530 54	+28.707 714 16		4.59	5.30	−6.96	0.94	0.60	1.09	1.11	0.81	−19	+21	−17	−13	+1	−23	−3	+11	−13	−29	0	−0.88
*42212		08 36 22.38	−78 29 45.0	8.42		H	129.093 270 30	−78.495 844 10		8.58	−69.14	82.61	0.64	0.55	0.65	0.73	0.61	+5	+20	+1	+8	−14	+3	−11	−11	+11	+5	0	0.78
42213		08 36 22.94	−13 09 04.9	7.96		G	129.095 591 62	−13.151 372 62		7.71	−30.74	14.44	0.76	0.66	1.08	0.92	0.73	−23	+32	−8	+5	−32	−2	−27	+12	−3	−38	0	1.47
42214		08 36 23.14	−30 02 16.0	8.08		H	129.096 405 07	−30.037 786 38		27.38	−180.58	65.71	0.37	0.52	0.77	0.42	0.55	+31	+6	+4	+5	+4	+1	+5	−14	+4	+35	0	0.39
42215		08 36 23.16	−38 27 19.9	7.22		H	129.096 485 58	−38.455 516 60		22.44	27.99	63.07	0.45	0.52	0.64	0.49	0.56	+10	−4	+0	+9	+6	+12	+6	−10	+13	+15	0	−1.17
42216		08 36 23.63	−53 02 11.5	8.35		G	129.098 447 92	−53.036 534 61	A	4.10	−23.14	22.22	1.19	1.13	1.19	1.54	1.24	−4	+7	+1	−14	+0	+6	+1	−13	+13	+0	6	4.16
42217		08 36 25.54	−28 47 47.8	8.11		G	129.106 403 82	−28.796 606 33		2.78	−16.79	6.44	0.50	0.58	0.79	0.53	0.63	−4	−1	−4	+14	−3	+11	−4	+9	−6	−16	0	−0.05
42218		08 36 25.98	+61 07 09.2	9.12		H	129.108 251 78	+61.119 224 19		0.80	12.98	−0.17	0.81	0.86	1.25	0.79	1.08	−24	+5	+3	+53	+4	−9	+11	−22	−4	−19	0	0.44
42219		08 36 26.41	−50 05 53.9	9.80		G	129.110 029 01	−50.098 301 46		14.61	−53.22	−226.54	0.88	0.80	0.96	1.03	0.87	+5	−12	+3	−2	−3	−2	−2	−4	−3	−1	0	0.87
42220		08 36 27.06	+67 17 41.8	9.28		G	129.112 757 25	+67.294 952 49		71.96	−1065.06	66.83	0.60	0.77	1.26	0.64	0.87	+45	+7	+0	−15	−8	+8	−8	+18	+0	+45	2	1.04
42221		08 36 29.56	−80 55 06.3	9.19		H	129.123 152 52	−80.918 418 07		9.58	−120.93	−53.91	0.77	0.74	0.85	0.95	0.92	−5	+34	−5	+7	+2	−1	+2	+6	+1	−5	0	1.40
42222		08 36 31.39	+11 42 12.8	8.11		H	129.130 796 85	+11.703 569 22		3.73	−5.68	−2.96	0.97	0.56	1.12	1.31	0.80	−7	+23	−31	−15	+21	−27	+5	+27	−31	+14	0	0.74
42223		08 36 31.74	+35 56 12.4	9.83		H	129.132 270 76	+35.936 778 95		0.90	−24.22	−26.65	1.39	0.82	1.66	1.65	1.08	−36	+19	−11	−25	−7	−10	−4	+0	−2	−56	0	−0.81
42224		08 36 32.54	−18 01 20.2	8.46		H	129.135 585 71	−18.022 282 76		1.98	1.60	0.23	0.90	0.67	1.07	1.22	0.70	−1	+2	−8	−7	−22	+3	−16	+12	+4	−8	0	−0.56
42225		08 36 32.63	−10 33 58.4	8.12		H	129.135 956 19	−10.566 211 53		6.76	−14.94	−9.42	0.83	0.59	1.05	0.93	0.59	−6	+31	−7	−18	−29	−27	−21	+17	+7	−27	2	−1.85
42226		08 36 35.00	−67 15 13.3	8.83		H	129.145 825 80	−67.253 708 08		5.73	−25.28	82.08	0.82	0.65	0.80	0.91	0.69	+2	+33	+0	−3	+6	−13	+7	−18	+13	−12	0	−0.60
42227		08 36 36.34	−52 34 40.4	9.50	2	H	129.151 437 43	−52.577 893 02		1.48	−7.19	4.75	0.81	0.71	0.87	0.96	0.88	+13	+16	+11	−12	−6	−1	−7	−26	−3	+10	3	1.30
42228		08 36 36.71	−05 36 52.2	9.72		H	129.152 967 69	−05.614 493 70		21.06	94.21	−128.74	1.10	0.95	1.58	1.39	1.32	−28	+23	−29	−15	+0	−27	−10	+34	−24	−25	0	−0.47
42229		08 36 36.96	−64 16 24.8	9.01		H	129.153 982 77	−64.273 549 10		1.75	−11.37	2.78	0.76	0.67	0.78	0.80	0.82	−10	−1	+1	−32	−11	+0	+0	+8	−7	−42	0	−0.47
42230		08 36 37.47	+34 49 25.8	8.89	2	H	129.156 133 42	+34.823 833 43		3.96	−14.53	5.33	1.08	0.77	1.33	1.40	1.04	−48	+4	−5	+9	−30	−29	−28	+23	+22	−74	1	−1.65
42231		08 36 37.91	+39 02 17.9	11.84		G	129.157 976 63	+39.038 296 86		26.34	78.40	−498.80	2.74	1.75	3.29	3.57	2.41	−27	+28	−10	−5	−4	−2	−6	−1	−7	−41	0	0.05
42232		08 36 38.84	+44 56 07.7	10.13		H	129.161 844 16	+44.935 459 48		4.70	−7.51	−19.87	1.50	1.01	1.78	2.10	1.34	−8	+16	−9	−11	−22	+9	−15	+12	+11	−17	0	0.41
42233		08 36 39.50	+48 19 58.3	8.26		H	129.164 597 85	+48.332 869 84		15.47	2.75	19.51	0.90	0.63	0.95	1.14	0.74	+0	+16	+3	+21	+5	−9	−1	−1	−12	−13	0	−0.21
42234	H	08 36 39.57	−09 42 51.2	7.48		H	129.164 865 39	−09.714 224 03	*	3.22	−8.21	−5.19	0.71	0.60	0.95	0.78	0.57	−24	+21	−25	−12	−23	−12	−21	+14	−1	−33	0	0.56
42235	H	08 36 39.99	+22 10 22.7	8.32		G	129.166 620 41	+22.172 982 07	A	6.11	−12.06	−24.26	1.76	0.96	1.63	2.18	1.15	−4	−1	−29	+5	+13	−23	+7	+25	−20	+7	2	0.28
42236		08 36 40.35	−60 19 39.5	7.86		H	129.168 129 93	−60.327 639 66		2.95	−9.96	3.17	0.55	0.51	0.58	0.57	0.51	−2	−10	+18	+14	+0	+9	−4	−10	−1	−7	0	−0.34
42237		08 36 40.41	+39 25 07.9	8.39		H	129.168 363 80	+39.418 856 80		3.26	9.02	−1.99	0.91	0.60	1.11	1.05	0.71	−21	+35	−10	+1	−5	−9	−10	−1	−10	−31	0	0.62
42238		08 36 40.55	+39 46 13.9	7.64		H	129.168 955 28	+39.770 532 96		4.43	1.74	−18.40	0.97	0.60	1.19	1.16	0.81	−41	+53	−38	−10	+3	−22	−4	−7	−1	−3	0	1.97
42239		08 36 40.83	+49 22 34.7	7.09	2	H	129.170 111 62	+49.376 293 53		1.74	4.22	−0.97	0.88	0.58	0.94	1.19	0.65	+2	+15	−20	−8	−17	+11	−12	−5	+2	+7	0	−3.21
42240	H	08 36 41.01	−47 29 59.6	7.39		G	129.170 854 78	−47.499 875 11	A	5.96	−0.41	5.80	1.06	1.05	1.14	1.24	1.11	−4	−2	−4	+10	+4	−8	+3	−3	+1	−22	8	1.79
42241		08 36 41.14	+13 59 44.2	8.90		H	129.171 435 01	+13.995 613 41		2.15	−10.54	−8.02	1.45	0.79	1.35	1.61	1.05	+10	+4	−20	−48	−21	−29	−24	+25	−3	−3	0	1.74
*42242		08 36 42.76	−47 59 54.3	7.38		G	129.178 150 84	−47.998 417 00		1.10	−9.57	9.03	0.51	0.49	0.61	0.65	0.56	−2	+12	+10	+1	+10	−3	+9	−8	+13	−19	0	0.70
*42243		08 36 42.76	+25 56 14.3	7.47		G	129.178 148 14	+25.937 300 42		2.95	−13.13	−7.12	0.76	0.46	0.82	1.00	0.60	−11	+21	−11	−1	−7	−24	−8	+22	+6	−13	0	0.44
42244		08 36 44.16	+45 02 33.3	9.30		H	129.184 012 01	+45.042 570 86		1.53	−7.00	4.22	1.30	0.93	1.63	1.89	1.23	−15	+19	−26	−10	−15	+19	−6	−5	+11	−18	4	−0.83
42245		08 36 45.70	−52 30 58.9	7.28		H	129.190 436 09	−52.516 351 24		15.27	−12.21	−20.50	0.50	0.45	0.55	0.64	0.50	+10	+11	+8	+4	−3	−1	−1	−14	+13	+12	0	0.35
42246		08 36 47.68	+46 09 30.5	10.21		H	129.198 653 56	+46.158 470 97		5.78	−23.98	−12.98	1.46	1.00	1.62	2.32	1.35	−16	+23	−15	+8	+5	+3	+4	+2	−5	−3	0	−0.07
42247		08 36 48.03	+18 52 58.2	8.61		H	129.200 105 76	+18.882 834 22		4.97	−35.80	−10.58	1.13	0.70	1.22	1.19	0.94	−21	+33	−14	−32	+2	−22	−1	+15	−16	−26	0	0.36
42248		08 36 48.12	+24 28 27.9	9.17		H	129.200 491 66	+24.474 425 47		20.08	−191.60	127.15	1.26	0.66	1.40	1.76	0.81	−12	+11	−20	+24	+7	−25	−2	+8	−14	−15	0	0.22
42249	H	08 36 48.78	+74 43 25.4	6.31		G	129.203 242 61	+74.723 720 03	A	11.92	−16.05	−17.74	0.60	0.58	0.73	0.64	0.64	+24	+17	−5	−3	−10	+0	−7	+1	+7	+21	1	−0.89
42250		08 36 49.90	+41 24 23.9	9.61		H	129.207 909 82	+41.406 634 11		2.93	−5.02	6.09	1.44	0.97	1.53	2.07	1.36	−17	+30	−19	+23	−3	+11	−1	+20	−2	+1	0	−1.43
42251		08 36 52.70	−63 37 39.5	8.06	2	H	129.219 598 17	−63.627 628 06		1.29	−5.56	5.07	0.56	0.53	0.60	0.55	0.64	−11	+22	−3	−30	−22	−15	−10	+18	−2	−48	1	1.04
42252		08 36 53.99	−07 19 21.5	8.80		H	129.224 972 28	−07.322 629 95		5.58	13.57	−12.67	1.05	0.74	1.35	1.21	0.97	−25	+28	−2	−20	−13	+0	−6	+21	−6	−47	0	−0.19
42253	H	08 36 55.85	+23 14 48.9	8.73		H	129.232 711 78	+23.246 907 95	A	24.04	−106.71	−104.47	3.50	2.00	2.97	3.60	1.81	−43	+11	−14	−18	+5	+4	+2	+3	−9	+2	2	1.24
42254		08 36 57.37	−14 00 02.0	8.32		H	129.239 030 94	−14.000 545 79		2.40	−13.23	7.18	0.76	0.69	1.05	0.84	0.71	−26	+25	+3	+2	−39	−19	−30	+32	+9	−40	2	−1.67
42255		08 36 57.65	−18 40 51.7	7.01		H	129.240 220 48	−18.681 035 28		5.08	−20.98	−41.90	0.68	0.52	0.82	0.88	0.51	−13	+18	−10	+19	−26	−12	−20	+7	+8	−17	0	0.14
42256		08 36 58.18	+58 10 01.8	8.32	1	H	129.242 404 84	+58.167 169 75		8.02	−32.52	−42.28	0.73	0.70	1.03	0.95	0.81	+6	+15	−16	+0	+5	−8	+10	−23	+7	+33	0	−0.37
42257		08 37 01.31	−44 06 52.9	7.12	3	T	129.255 444 39	−44.114 694 33		1.35	−4.52	7.22	0.54	0.47	0.63	0.61	0.48	+9	−9	−1	−22	+6	−2	+3	−21	+22	+7	3	0.89
42258		08 37 02.55	+08 19 24.7	9.84		H	129.260 635 17	+08.323 520 98		2.31	−5.99	−13.12	1.60	0.93	1.67	2.07	1.31	−12	+35	−26	−34	+3	−11	−4	+5	−14	−1	0	1.91
42259		08 37 02.92	+74 33 04.1	9.57		G	129.262 186 19	+74.551 126 40		10.01	−104.85	−210.36	0.87	0.91	1.24	0.95	1.11	+12	+28	+7	−8	−11	+6	−10	+7	+7	+8	0	1.20
42260		08 37 03.33	−07 49 00.2	8.96		H	129.263 863 23	−07.816 731 64		4.59	−7.72	1.39	1.06	0.76	1.32	1.15	0.96	−29	+35	−15	−28	−18	−1	−13	+12	−8	−48	0	−1.55
*42261		08 37 03.47	+55 50 21.2	8.33		H	129.264 452 16	+55.839 214 59		1.42	−35.94	−2.44	0.83	0.81	1.24	1.02	0.92	+3	+22	−12	−47	−19	+5	−16	−40	+18	+26	0	0.25
*42262		08 37 03.44	−40 46 30.6	8.75		H	129.264 320 78	−40.775 165 66		3.35	−9.65	9.96	0.59	0.66	0.82	0.64	0.73	+8	+16	+22	+9	−1	+12	−6	−3	−5	−12	0	0.10
42263		08 37 03.74	−26 24 58.8	6.80		H	129.265 597 01	−26.416 333 27		6.84	−8.83	−26.09	0.78	0.49	0.83	0.92	0.59	−19	+8	+4	+22	+8	+6	+20	−6	−16	−21	0	−0.46
42264		08 37 05.48	+60 02 41.5	9.27		H	129.272 825 53	+60.044 850 52		3.56	4.77	19.74	1.05	0.99	1.42	1.48	1.17	−33	+2	−18	−49	+8	+18	+2	−35	+14	+19	3	0.45
42265		08 37 05.79	+09 39 20.1	5.92		G	129.274 109 56	+09.655 596 45		7.07	−27.15	−6.77	0.83	0.53	0.90	1.00	0.71	−15	+16	−27	−32	+7	−16	+0	+14	−18	−10	0	1.80
42266		08 37 07.19	−43 31 59.5	7.93		H	129.279 960 58	−43.533 181 11		5.27	−29.88	41.95	0.60	0.50	0.68	0.68	0.51	+9	−18	+1	+14	+7	+15	+6	−8	+6	+11	1	0.52
42267		08 37 08.04	+15 07 53.4	11.80		G	129.283 479 85	+15.131 487 08		52.66	−118.98	−892.76	15.21	7.56	15.21	19.68	11.02	−1	+15	−34	−54	+6	−34	−14	+12	−34	+21	0	
42268		08 37 08.30	−37 54 38.1	8.30		H	129.284 599 50	−37.910 585 37		2.75	−6.65	5.02	0.55	0.73	0.84	0.59	0.74	+3	−10	−1	+1	+6	+15	+5	−10	+9	+7	0	−1.35
42269		08 37 08.47	−26 04 23.2	7.72		H	129.285 275 87	−26.073 113 60		3.29	−4.75	−0.50	0.59	0.51	0.84	0.71	0.59	+10	−5	+7	+29	+14	+14	+7	+7	+4	−16	0	0.55
42270		08 37 08.88	−76 09 50.5	8.55		H	129.287 016 01	−76.164 018 22		2.73	−20.22	3.21	0.70	0.63	0.73	0.85	0.63	+3	+5	+21	+7	−16	−13	−11	−7	+18	−2	0	0.82
42271		08 37 09.63	−16 01 11.0	7.60		H	129.290 123 24	−16.019 721 63		2.16	−6.42	−2.17	0.71	0.63	0.98	0.84	0.65	−18	+9	+11	−2	−24	−27	−18	+9	+14	−36	0	−0.30
42272		08 37 09.67	−49 25 30.9	7.38	1	H	129.290 291 50	−49.425 262 16	A	4.23	−10.79	9.66	0.75	0.67	0.73	0.78	0.68	−11	−4	+2	−11	+4	−3	+4	−10	+12	−27	2	0.04
42273		08 37 10.12	+69 41 56.2	7.14		H	129.292 149 12	+69.698 953 22		2.95	−15.58	−23.69	0.46	0.56	0.82	0.51	0.70	+32	+9	+2	+6	+3	+9	+4	+6	+11	+49	0	0.36
42274		08 37 10.62	−53 15 33.7	7.83		H	129.294 231 04	−53.259 361 38		6.56	−25.43	23.07	0.55	0.55	0.62	0.68	0.58	+20	+15	+13	+8	−2	+2	−1	−12	+13	+16	1	1.10
42275		08 37 11.98	+25 15 56.1	9.03		H	129.299 934 64	+25.265 580 59		2.39	−9.92	−3.20	1.15	0.65	1.20	1.46	0.80	−17	+24	−14	+21	−11	−24	−13	+23	+8	−24	4	−0.81
42276		08 37 12.70	+28 23 09.9	8.76		G	129.302 923 16	+28.386 074 05		5.60	−13.67	−23.73	0.97	0.64	1.14	1.13	0.91	−19	+13	−19	−18	+1	−14	+0	+14	−24	−30	0	1.08
*42277		08 37 12.99	+17 15 14.9	8.94		H	129.304 129 51	+17.254 130 46		10.65	−39.28	−26.72	1.27	0.81	1.41	1.39	1.10	−29	+26	−20	−23	−7	−9	−13	+36	−23	−25	0	−0.73
*42278		08 37 12.98	+07 26 50.7	7.79		G	129.304 102 77	+07.447 427 78		15.15	−55.57	36.44	1.37	0.83	1.43	1.39	0.97	−10	+48	−32	+27	+22	−5	+6	+41	−27	+5	6	−2.32
42279		08 37 14.38	+77 02 47.8	7.29		H	129.309 930 07	+77.046 623 14		22.49	37.43	68.27	0.47	0.47	0.62	0.53	0.54	+15	+10	−13	+18	+0	+10	+2	+13	+10	+25	1	−0.71
42280		08 37 14.95	−02 03 07.2	9.47		H	129.312 294 95	−02.051 989 68		2.69	−7.45	0.49	1.05	0.92	1.39	1.38	1.20	−31	+26	−24	+18	−8	−25	−14	+54	−9	−32	0	1.48
42281		08 37 15.61	−17 29 41.3	8.72		G	129.315 038 92	−17.494 791 72		27.02	−114.02	57.15	0.94	0.73	1.18	1.19	0.81	−7	+5	+2	−15	−13	+9	−9	+4	+1	−21	0	−0.69
42282		08 37 16.53	−41 19 10.2	8.99		H	129.318 877 86	−41.319 494 92		10.57	−60.31	161.70	0.74	0.81	1.01	0.83	0.87	−3	+12	+17	−4	+2	+15	+1	+5	−1	−21	0	−0.24
42283		08 37 16.71	+05 59 28.5	7.42		H	129.319 614 96	+05.991 262 62		6.62	−10.59	22.20	0.78	0.54	0.96	1.01	0.72	−16	+26	−17	+22	+9	−15	+6	+51	−9	−16	0	1.01
42284		08 37 18.23	+18 52 11.9	8.59		H	129.325 971 54	+18.869 973 97		5.73	−10.49	−1.52	1.12	0.69	1.22	1.22	0.93	−20	+32	−20	−32	+0	−26	−3	+23	−14	−24	0	0.92
*42285		08 37 18.81	−22 43 56.9	8.57		H	129.328 386 39	−22.732 472 11		0.97	−1.72	3.66	0.72	0.66	1.10	0.82	0.69	−21	+33	−7	+28	−11	−3	−16	+19	−10	−33	3	0.69
*42286	T	08 37 18.85	−62 51 12.3	5.45		G	129.328 527 40	−62.853 412 17		9.74	−10.96	−21.91	0.45	0.39	0.50	0.44	0.41	−1	+23	+1	−28	−17	−29	−9	+2	+9	−33	1	0.16
*42287		08 37 18.81	−40 41 29.0	7.29		G	129.328 378 68	−40.691 385 85		1.97	−6.93	10.60	0.47	0.52	0.66	0.51	0.58	+3	+18	+18	+14	−3	+18	−9	+0	−3	−14	0	−0.08
42288		08 37 19.49	−45 12 26.0	8.34		G	129.331 194 00	−45.207 221 78		0.07	−3.55	3.93	0.63	0.58	0.77	0.76	0.61	+7	+5	−2	−7	−1	−11	+0	−16	+26	+0	0	−1.26
42289		08 37 19.77	−24 18 07.2	8.63		H	129.332 384 29	−24.301 992 11		0.46	−3.23	−2.76	0.80	0.70	1.02	0.83	0.75	−16	+2	−11	+52	−7	+11	−9	+22	+5	−25	0	2.24
42290		08 37 20.12	−31 44 37.5	8.83		H	129.333 817 00	−31.743 762 85		2.05	−13.00	8.60	0.60	0.71	1.03	0.77	0.71	+20	+7	+4	−1	+4	+0	+4	−25	+12	+28	0	−1.15
42291		08 37 20.23	−40 08 51.9	6.53		G	129.334 274 75	−40.147 743 79		36.40	−304.91	32.12	0.42	0.46	0.57	0.46	0.53	+6	+9	+12	+7	−7	+4	−8	+5	+0	−10	0	−0.36
42292	H	08 37 21.02	−06 28 22.4	8.23		H	129.337 575 66	−06.472 900 79	A	4.76	0.48	−1.66	1.57	1.06	1.71	1.96	1.32	−15	+31	−20	+2	+17	−19	+7	+29	−13	+8	1	0.52
42293		08 37 21.18	+21 58 48.2	8.55		H	129.338 269 42	+21.980 068 72		3.77	−3.86	−14.46	1.04	0.62	1.11	1.41	0.83	−11	+17	−24	−19	+14	−26	+1	+23	−8	+12	0	0.39
42294		08 37 22.10	+28 17 40.3	6.63		H	129.342 081 78	+28.294 518 98		7.05	16.41	−49.37	0.74	0.51	0.86	0.85	0.69	−29	+24	−24	−19	+5	−17	+0	+9	−17	−33	0	0.23
42295		08 37 23.43	−41 30 34.9	9.01		G	129.347 613 86	−41.509 692 33		2.32	−12.47	6.03	0.76	0.76	0.99	0.90	0.86	−5	+7	+14	−9	+4	+16	+4	+1	−2	−28	0	0.34
42296		08 37 23.59	−51 15 42.1	8.59		H	129.348 291 54	−51.261 707 07		3.46	5.87	8.27	0.63	0.60	0.71	0.72	0.63	−3	+12	+6	−2	−5	−8	−4	−6	+2	−1	0	−0.79
42297	H	08 37 25.85	+55 59 09.6	7.64		H	129.357 719 14	+55.985 989 63	*	2.92	−23.79	−31.09	2.01	1.71	1.35	1.16	1.05	+17	+17	+9	−62	−28	−6	−30	−48	+7	+42	1	−0.35
42298		08 37 26.42	+20 29 13.5	8.00		H	129.360 080 65	+20.487 090 95		9.64	6.32	3.72	1.04	0.70	1.25	1.23	0.97	−21	+17	−35	−21	+5	−23	−5	+35	−36	−16	0	0.07
42299		08 37 27.17	−04 56 02.4	6.18		H	129.363 227 21	−04.934 012 52		8.34	−2.25	5.56	0.65	0.55	0.86	0.77	0.69	−21	+12	−32	−9	−12	−29	−23	+46	−12	−21	0	−0.49
42300		08 37 28.20	−35 19 19.8	8.40		H	129.367 497 64	−35.322 168 32		6.97	−16.68	−0.03	0.57	0.66	0.91	0.66	0.68	+6	−3	+7	−7	−1	+30	−3	−19	+6	+6	1	1.16

No.	Tycho Magnitudes					Colour Indices					Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
42201	7.638	0.010	7.490	0.012		0.142	0.015	T	0.16	0.01	L	7.5172	0.0013	0.009	66		7.50	7.55		C			1							S
42202	9.872	0.018	8.975	0.014		0.806	0.015	G	0.85	0.01	H	9.0369	0.0018	0.024	170		9.00	9.09					1							
42203	7.803	0.008	7.853	0.009		−0.042	0.010	T	−0.02	0.01	L	7.8544	0.0020	0.014	103		7.83	7.88					1							S
42204	10.363	0.029	8.966	0.015		1.181	0.026	T	1.14	0.02	L	8.9974	0.0014	0.017	118		8.96	9.02		C			1							
42205	10.950	0.056	9.567	0.028		1.170	0.049	T	1.13	0.04	L	9.5971	0.0023	0.017	83		9.57	9.63		C			1							
42206	6.791	0.004	6.871	0.006		−0.061	0.002	G	−0.04	0.00	H	6.8554	0.0007	0.007	116		6.85	6.87		C			1 G							S
42207	8.079	0.007	6.804	0.004		1.086	0.006	T	1.05	0.01	L	6.8611	0.0009	0.011	203		6.84	6.88		C			1							S
42208	8.512	0.011	8.040	0.011		0.440	0.015	G	0.51	0.02	H	8.1082	0.0011	0.009	65		8.09	8.13		C			1							S
42209	9.558	0.024	8.197	0.014		1.153	0.022	T	1.12	0.02	L	8.2322	0.0016	0.011	66		8.21	8.25		C			1							S
42210	9.522	0.018	8.217	0.011		1.109	0.016	T	1.07	0.02	L	8.2584	0.0017	0.012	109		8.23	8.28		C			1							
42211	9.236	0.018	8.156	0.012		0.934	0.016	T	0.93	0.01	L	8.2071	0.0016	0.012	83		8.18	8.23					1							
42212	8.922	0.014	8.473	0.014		0.437	0.016	T	0.51	0.02	L	8.5182	0.0014	0.014	112		8.49	8.54		C			1							
42213	8.456	0.013	8.000	0.012		0.453	0.015	G	0.52	0.02	H	8.0634	0.0015	0.009	80		8.05	8.08		C			1							S
42214	9.045	0.008	8.153	0.007		0.782	0.002	G	0.82	0.00	I	8.2216	0.0018	0.025	294		8.18	8.26		R			1 S							
42215	7.816	0.006	7.281	0.006		0.509	0.006	T	0.58	0.01	L	7.3360	0.0009	0.009	141		7.32	7.35					1							S
42216	8.402	0.011	8.341	0.013	A	0.040	0.015	G	0.06	0.01	H	8.3911	0.0145	0.013	129	A	8.37	8.42			08364−5302	I 1	2 C C	AC	74	16.575	0.055	3.15	0.26	
42217	8.031	0.006	8.114	0.008		−0.068	0.003	G	−0.05	0.00	H	8.1065	0.0020	0.019	167		8.08	8.14					1							
42218	11.139	0.050	9.249	0.017		1.570	0.042	T	1.59	0.04	L	9.2382	0.0026	0.028	143		9.17	9.28					1							
42219	10.757	0.041	9.922	0.031		0.658	0.003	G	0.72	0.00	H	9.9370	0.0022	0.018	115		9.90	9.97		C			1							G
42220	11.153	0.030	9.467	0.012		1.417	0.011	G	1.71	0.03	I	9.3667	0.0018	0.029	373		9.31	9.42			08364+6718	I 1	1 S							
42221	9.971	0.021	9.257	0.018		0.643	0.021	T	0.71	0.02	L	9.3286	0.0022	0.022	118		9.29	9.38					1							
42222	8.073	0.010	8.092	0.013		−0.036	0.005	G	−0.01	0.01	H	8.1067	0.0016	0.010	63		8.09	8.12		C			1							S
42223	11.182	0.060	10.024	0.035		0.994	0.054	T	0.97	0.04	L	9.9986	0.0021	0.022	97		9.97	10.04		C			1							
42224	10.164	0.031	8.595	0.016		1.316	0.027	T	1.28	0.03	L	8.6121	0.0018	0.016	85		8.58	8.64		C			1							
42225	8.224	0.011	8.135	0.013		0.087	0.016	T	0.10	0.02	L	8.1607	0.0014	0.011	86		8.14	8.19			08365−1034	I 1	1							S
42226	9.424	0.017	8.889	0.016		0.509	0.017	T	0.58	0.02	L	8.9461	0.0020	0.018	110		8.92	8.97					1							
42227	12.435	0.227	9.902	0.033		2.085	0.185	T	2.13	0.19	L	9.5893	0.0056	0.065	137		9.47	9.72		U 2 C			1 G							G P
42228	11.047	0.059	9.835	0.034		0.982	0.015	G	1.03	0.01	I	9.8654	0.0031	0.018	73		9.84	9.90		C			1							
42229	10.845	0.045	9.171	0.020		1.399	0.039	T	1.38	0.05	L	9.1532	0.0022	0.019	96		9.13	9.20					1							
42230	10.375	0.026	9.018	0.014		1.150	0.023	T	1.11	0.02	L	9.0526	0.0022	0.019	139		9.02	9.10		U			1							
42231						1.241	0.015	G	1.40	0.02	I	11.9457	0.0098	0.056	85		11.84	12.04					1							G
42232	10.525	0.041	10.137	0.046		0.367	0.057	T	0.43	0.06	L	10.2154	0.0039	0.025	70		10.16	10.26		C			1							
42233	8.825	0.014	8.304	0.013		0.489	0.017	T	0.56	0.02	L	8.3651	0.0019	0.015	72		8.34	8.40					1							S
42234	8.948	0.015	7.606	0.009	*	1.138	0.013	T	1.10	0.01	L *	7.6446	0.0013	0.010	94	*	7.63	7.66		D	08367−0943	H 1	2 C S A	AB	341	0.140	0.008	0.84	0.36	S
42235	8.916	0.015	8.412	0.015	A	0.478	0.015	G	0.55	0.02	H *	8.4294	0.0012	0.010	77	*	8.41	8.44		D	08367+2210	I 1	2 C B	AB	83	4.699	0.045	3.45	0.18	S
42236	7.810	0.008	7.848	0.010		−0.050	0.015	G	−0.03	0.01	H	7.8538	0.0012	0.011	113		7.83	7.87					1							S
42237	8.526	0.010	8.393	0.012		0.128	0.015	T	0.14	0.01	L	8.4429	0.0021	0.015	95		8.41	8.47					1							S
42238	8.895	0.012	7.758	0.008		0.978	0.011	T	0.96	0.01	L	7.8095	0.0013	0.010	93		7.79	7.82					1 G							S
42239	9.281	0.017	7.304	0.008		1.675	0.015	T	2.17	0.05	O	7.1603	0.0053	0.039	66		7.11	7.22		U 2			1 S							S
42240	7.726	0.009	7.392	0.009	*	0.324	0.005	G	0.38	0.01	H *	7.4738	0.0013	0.013	115	*	7.46	7.50		D	08367−4730	I 1	2 C A	AB	3	7.564	0.004	1.05	0.02	S
42241	10.064	0.029	8.976	0.020		0.940	0.027	T	0.93	0.02	L	9.0612	0.0023	0.016	66		9.03	9.08		C			1							
42242	7.249	0.005	7.354	0.007		−0.102	0.001	G	−0.09	0.00	H	7.3533	0.0010	0.008	109		7.34	7.37					1							S
42243	7.451	0.007	7.467	0.009		−0.005	0.005	G	0.02	0.01	H	7.4729	0.0009	0.009	83		7.46	7.49		C			1							S
42244	10.745	0.045	9.405	0.024		1.136	0.040	T	1.10	0.04	L	9.4703	0.0034	0.018	71		9.43	9.50		C			1							
42245	7.703	0.007	7.334	0.006		0.389	0.015	G	0.45	0.02	H	7.3677	0.0009	0.008	138		7.35	7.38		C			1							S
42246	11.019	0.046	10.283	0.040		0.674	0.049	T	0.73	0.04	L	10.3508	0.0036	0.023	74		10.31	10.40		C			1							G
42247	8.967	0.016	8.647	0.017		0.314	0.012	G	0.36	0.02	H	8.6881	0.0021	0.012	57		8.66	8.72		C			1							G
42248	10.108	0.036	9.245	0.027		0.757	0.035	T	0.80	0.03	L	9.3114	0.0021	0.014	78		9.28	9.33		C			1							
42249	6.669	0.004	6.340	0.004	A	0.308	0.006	G	0.35	0.01	H *	6.3701	0.0007	0.007	151	*	6.36	6.38		D	08368+7443	I 1	2 C A	AB	233	1.473	0.026	3.53	0.07	S
42250	10.415	0.039	9.674	0.031		0.678	0.040	T	0.74	0.03	L	9.7504	0.0029	0.022	78		9.71	9.79		C			1							
42251	8.012	0.008	8.054	0.010		−0.034	0.012	T	−0.01	0.01	L	8.0574	0.0027	0.024	106		8.02	8.10		U 2			1							S
42252	10.155	0.037	8.946	0.022		1.034	0.034	T	1.01	0.03	L	8.9632	0.0019	0.014	80		8.94	8.99		C			1							
42253	9.514	0.036	8.642	0.020	*	0.779	0.031	T	0.81	0.02	L *	8.8768	0.0033	0.025	75	*	8.84	8.91		R	08369+2315	I 1	2 C A	AB	2	2.623	0.007	0.13	0.02	
42254	8.610	0.012	8.344	0.013		0.211	0.015	G	0.23	0.02	H	8.3871	0.0015	0.013	90		8.36	8.41		C			1							
42255	8.196	0.014	7.125	0.007		0.927	0.012	T	0.92	0.01	L	7.1763	0.0011	0.009	78		7.16	7.20					1							S
42256	8.661	0.010	8.330	0.011		0.314	0.014	T	0.36	0.02	L	8.3933	0.0019	0.019	106		8.36	8.43		U			1							S
42257	8.502	0.010	7.241	0.006		0.770	0.020	G	0.93	0.02	A	7.2985	0.0670	0.506	123		6.60	7.80	20.41	P 1 A			1 S							S
42258	11.223	0.072	9.931	0.038		1.099	0.064	T	1.06	0.07	L	10.0071	0.0027	0.024	59		9.97	10.05		C			1							
42259	10.342	0.029	9.628	0.025		0.627	0.015	G	0.69	0.01	H	9.7020	0.0026	0.025	147		9.67	9.76		C			1							
42260	9.098	0.013	8.968	0.016		0.126	0.019	T	0.14	0.02	L	9.0109	0.0017	0.019	102		8.98	9.04					1							
42261	10.248	0.025	8.539	0.012		1.427	0.022	T	1.41	0.04	L	8.4720	0.0025	0.019	114		8.44	8.50					1							
42262	8.709	0.009	8.748	0.012		−0.033	0.013	T	−0.01	0.01	L	8.7495	0.0014	0.015	142		8.72	8.77		C			1							
42263	8.270	0.011	6.926	0.005		1.140	0.009	T	1.10	0.01	L	6.9736	0.0009	0.011	139		6.96	6.99					1 G							S
42264	10.241	0.027	9.319	0.019		0.816	0.025	T	0.84	0.02	L	9.4192	0.0022	0.026	128		9.37	9.48		C			1							
42265	6.031	0.004	5.933	0.004		0.083	0.003	G	0.10	0.00	H	5.9576	0.0008	0.005	71		5.95	5.97		C			1							S
42266	8.233	0.009	7.950	0.009		0.269	0.012	T	0.30	0.01	L	8.0010	0.0010	0.011	125		7.98	8.02		C			1							S
42267						1.563	0.020	G	2.49	0.08	I	11.7981	0.0075	0.061	57		11.70	11.94					1 X							G G
42268	9.809	0.019	8.415	0.011		1.190	0.020	G	1.11	0.02	A	8.4691	0.0013	0.014	131		8.45	8.50					1							
42269	9.388	0.021	7.855	0.011		1.288	0.019	T	1.25	0.02	L	7.8771	0.0011	0.011	132		7.86	7.90					1							
42270	10.103	0.025	8.660	0.014		1.217	0.022	T	1.18	0.02	L	8.7133	0.0015	0.014	111		8.69	8.74		C			1							
42271	9.337	0.020	7.728	0.010		1.348	0.018	T	1.31	0.02	L	7.7544	0.0018	0.012	83		7.74	7.78		C			1							
42272	7.564	0.007	7.396	0.007	A	0.164	0.002	G	0.18	0.00	H	7.4356	0.0037	0.015	118	A	7.42	7.47		U 2	08372−4926	I 1	2 C A	AB	227	10.176	0.008	2.47	0.04	S
42273	8.304	0.008	7.232	0.005		0.928	0.007	T	0.92	0.01	L	7.2994	0.0010	0.012	192		7.28	7.32					1							S
42274	7.928	0.010	7.834	0.012		0.085	0.014	T	0.10	0.01	L	7.8646	0.0014	0.011	120		7.84	7.89		C			1							S
42275	10.301	0.036	9.129	0.022		1.005	0.033	T	0.98	0.03	L	9.1969	0.0024	0.016	80		9.16	9.22		C			1							
42276	9.023	0.016	8.756	0.017		0.226	0.015	G	0.25	0.02	H	8.8223	0.0019	0.017	80		8.80	8.85		C			1							
42277	9.567	0.023	8.964	0.021		0.562	0.027	T	0.64	0.03	L	9.0661	0.0028	0.019	74		9.04	9.10					1							S
42278	8.200	0.016	7.814	0.015		0.402	0.015	G	0.47	0.02	H	7.8718	0.0015	0.009	53		7.86	7.89					1 G							S
42279	7.936	0.006	7.358	0.006		0.540	0.008	T	0.61	0.01	L	7.4087	0.0011	0.011	162		7.39	7.43					1							S
42280	9.922	0.030	9.533	0.034		0.368	0.042	T	0.43	0.05	L	9.5567	0.0034	0.023	81		9.51	9.61					1							
42281	9.815	0.025	8.825	0.018		0.910	0.015	G	0.95	0.02	I	8.8388	0.0023	0.020	80		8.80	8.86					1							
42282	9.886	0.020	9.071	0.016		0.737	0.005	G	0.78	0.00	H	9.1254	0.0016	0.020	137		9.09	9.16					1							
42283	8.667	0.015	7.525	0.011		0.982	0.014	T	0.96	0.01	L	7.5894	0.0011	0.010	105		7.58	7.61		C			1							S
42284	8.962	0.018	8.603	0.019		0.340	0.024	T	0.40	0.03	L	8.6689	0.0016	0.010	59		8.63	8.69					1							
42285	8.555	0.010	8.554	0.012		0.002	0.014	T	0.02	0.01	L	8.5770	0.0012	0.015	129		8.55	8.61					1							
42286	6.763	0.004	5.571	0.003		1.013	0.003	G	1.00	0.04	E	5.6141	0.0005	0.006	112		5.60	5.62		D	08373−6251	I 1	1 S							S
42287	7.935	0.007	7.388	0.007		0.512	0.009	T	0.58	0.01	L	7.3989	0.0011	0.010	144		7.38	7.42					1 S							S
42288	8.656	0.010	8.386	0.011		0.257	0.014	T	0.29	0.02	L	8.4241	0.0018	0.018	121		8.40	8.45					1							
42289	8.714	0.012	8.641	0.015		0.066	0.017	T	0.08	0.02	L	8.6599	0.0016	0.016	109		8.64	8.69		C			1							
42290	8.936	0.009	8.847	0.011		0.080	0.013	T	0.09	0.01	L	8.8662	0.0024	0.022	204		8.83	8.91					1							
42291	7.249	0.004	6.591	0.004		0.598	0.004	G	0.64	0.02	A	6.6568	0.0006	0.008	150		6.65	6.67					1							S
42292	9.387	0.021	8.387	0.015	A	1.000	0.495	G	0.87	0.02	L *	8.3886	0.0014	0.008	60	*	8.37	8.41		D	08373−0628	I 1	2 C A	AB	13	2.326	0.022	3.16	0.10	S
42293	10.094	0.031	8.667	0.017		1.205	0.028	T	1.16	0.03	L	8.7113	0.0020	0.012	77		8.68	8.73		C			1							
42294	7.666	0.007	6.722	0.006		0.833	0.007	T	0.85	0.01	L	6.7854	0.0011	0.008	83		6.78	6.81					1							S
42295	8.942	0.012	8.975	0.016		−0.042	0.015	G	−0.02	0.01	H	9.0100	0.0021	0.017	122		8.98	9.04					1							
42296	9.873	0.022	8.670	0.013		1.029	0.020	T	1.00	0.02	L	8.7581	0.0016	0.014	123		8.72	8.79					1							
42297	8.074	0.008	7.671	0.009	*	0.363	0.006	G	0.42	0.01	H *	7.7206	0.0011	0.013	114	*	7.70	7.74		D	08374+5559	H 1	2 C A	AB	145	0.264	0.012	2.02	0.14	S
42298	8.666	0.015	8.072	0.013		0.576	0.015	G	0.65	0.01	H	8.1268	0.0015	0.012	63		8.11	8.15					1 S							S
42299	7.512	0.007	6.292	0.005		1.054	0.002	G	0.95	0.04	E	6.3444	0.0010	0.007	78		6.33	6.36		C			1							S
42300	8.724	0.011	8.428	0.012		0.281	0.017	T	0.32	0.02	L	8.4725	0.0015	0.020	155		8.44	8.51					1							

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α deg (ICRS) (8)	δ deg (9)	(10)	Par. π mas (11)	$\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	SE α* mas (14)	SE δ mas (15)	SE π mas (16)	SE $\mu_{\alpha*}$ mas/yr (17)	SE μ_δ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	F1 % (29)	F2 (30)
42301		08 37 29.61	+47 07 13.5	7.61		H	129.373 364 84	+47.120 412 38		17.16	−72.80	−68.64	0.89	0.59	0.95	1.27	0.74	+1	+20	−19	+16	−2	+5	+0	+9	+4	+10	0	−1.20
42302		08 37 29.66	−33 44 44.1	6.51		H	129.373 565 69	−33.745 582 25		16.79	−28.31	−41.56	0.37	0.42	0.56	0.41	0.44	+3	−1	−3	−9	+12	+4	+11	−8	−1	−6	0	−1.12
42303		08 37 30.14	+23 33 41.6	10.07	3	H	129.375 584 53	+23.561 569 37		3.02	−22.25	−2.41	1.61	0.83	1.58	1.84	1.08	+2	+4	−8	−35	−11	−26	−7	+15	−2	−16	2	1.34
42304		08 37 30.81	+46 47 28.3	9.03		H	129.378 387 07	+46.791 198 42		3.46	−25.36	−39.63	1.23	0.86	1.32	1.85	1.14	−2	+14	+16	+19	−10	−9	−5	+27	+16	−4	0	2.83
42305		08 37 31.20	−28 10 42.6	7.91		H	129.379 980 52	−28.178 511 69		6.44	−43.27	−61.81	0.51	0.57	0.87	0.60	0.66	−4	+3	+1	+2	+2	+10	+3	+10	−4	−20	0	0.81
42306		08 37 31.87	+38 04 48.4	9.73		H	129.382 805 19	+38.080 111 33		2.03	16.82	−14.28	4.25	2.62	4.63	4.56	3.20	−11	−1	−24	−40	−18	+15	−6	−2	−6	−45	0	
42307		08 37 32.10	−30 29 55.9	7.86		H	129.383 766 15	−30.498 861 36		3.37	−13.08	9.34	0.37	0.48	0.73	0.40	0.48	+34	−5	−4	+4	+8	+6	+8	−15	+5	+37	1	0.43
42308		08 37 32.51	+06 43 41.8	8.12		H	129.385 466 35	+06.728 286 27		1.12	−8.97	−0.41	0.90	0.63	1.11	1.17	0.82	−22	+21	−21	+22	+21	−15	+14	+37	−18	−15	0	0.46
42309		08 37 33.79	−12 35 08.8	6.70		H	129.390 792 26	−12.585 769 16		10.25	−68.33	26.28	0.63	0.52	0.84	0.80	0.55	−9	+19	−9	+2	−25	−5	−19	−6	+15	−25	0	1.23
42310		08 37 35.40	−56 15 43.6	8.82		H	129.397 487 34	−56.262 122 48		3.68	−11.39	18.53	0.70	0.68	0.75	0.72	0.73	+7	−1	+1	−1	−19	+10	−23	−17	+11	−10	0	−1.63
42311		08 37 37.66	+84 12 44.8	8.73		H	129.406 914 99	+84.212 450 12		3.68	−6.69	−3.51	0.74	0.63	0.83	0.85	0.68	+12	+19	−15	+22	+11	+17	+14	+14	+5	+22	0	−2.07
42312		08 37 38.64	−42 59 20.8	4.11		H	129.411 005 73	−42.989 103 71		2.27	−10.38	9.47	0.43	0.38	0.50	0.48	0.41	+13	−2	+8	+26	+8	+8	+6	+10	+10	+12	0	0.80
*42313		08 37 39.41	+05 42 13.7	4.14		H	129.414 197 39	+05.703 798 68		18.21	−70.27	−6.99	0.71	0.48	0.88	0.89	0.63	−17	+30	−19	+21	+11	−11	+8	+48	−8	−15	0	2.27
*42314	H	08 37 39.28	+41 48 03.2	8.65		H	129.413 667 18	+41.800 881 43	A	8.30	−58.70	−91.67	2.47	1.61	2.30	2.42	1.69	−25	+23	−10	−9	−6	−1	−7	+22	+4	−17	2	−0.45
42315		08 37 39.70	−40 26 08.3	6.88	3	H	129.415 401 81	−40.435 647 39		2.66	−11.10	29.00	0.45	0.50	0.63	0.47	0.57	+5	+14	+18	+10	−5	+11	−9	−1	−2	−13	1	0.86
42316		08 37 39.96	−46 16 57.8	6.86		G	129.416 507 82	−46.282 721 99		1.39	−5.48	5.10	0.44	0.42	0.54	0.55	0.47	+7	+0	−1	−1	−5	+3	−4	−13	+18	+8	0	−2.55
42317	H	08 37 40.53	−23 52 53.3	8.53		H	129.418 864 64	−23.881 460 60	*	2.05	−7.81	4.16	0.74	0.76	1.09	0.86	0.79	−24	+15	+1	+41	−20	+1	−19	+23	+8	−27	0	1.39
42318		08 37 40.58	+05 04 36.7	9.04		H	129.419 101 44	+05.076 854 94		−1.42	0.87	3.98	1.13	0.74	1.37	1.43	0.96	−13	+38	−22	+16	+11	−15	+6	+48	−3	−5	0	1.57
42319		08 37 40.73	+19 31 06.4	8.24		H	129.419 704 06	+19.518 449 85		5.80	−36.65	−11.37	1.13	0.70	1.19	1.28	0.99	−19	+24	−16	−32	+0	−10	−2	+19	−21	−26	0	1.13
*42320		08 37 40.84	−03 26 36.3	9.08		H	129.420 168 96	−03.443 419 20		3.50	20.92	−9.50	1.20	0.78	1.20	1.46	1.01	+0	+21	−12	−46	−30	−32	−30	+37	+2	−8	0	1.24
*42321		08 37 40.83	−47 21 43.1	8.05	3	T	129.420 135 06	−47.361 977 87		0.48	−6.73	2.97	0.59	0.60	0.72	0.76	0.77	+1	−7	−9	+10	−1	+0	+0	+10	−2	−12	0	−0.66
42322		08 37 41.74	−33 21 23.0	8.89		H	129.423 934 80	−33.356 378 26		0.91	−2.93	4.23	0.60	0.67	0.96	0.67	0.64	−1	−5	+12	+2	+13	+12	+10	−9	−8	−4	1	−0.43
42323		08 37 42.91	−54 59 40.2	7.82		H	129.428 796 76	−54.994 502 64		2.42	1.22	6.06	0.57	0.58	0.65	0.63	0.63	+4	−7	−1	+2	−18	+14	−19	−9	+15	+0	0	−0.11
42324		08 37 43.38	+52 01 51.9	7.78		H	129.430 768 16	+52.031 072 24		7.80	−4.50	−93.60	0.85	0.63	1.02	1.05	0.70	−16	+29	−20	+15	+17	−11	+30	−21	+4	+36	0	0.09
42325		08 37 44.45	−01 07 44.7	8.57		H	129.435 193 50	−01.129 096 95		1.94	−10.21	−7.32	0.95	0.79	1.48	1.06	0.91	−32	+36	−55	−24	+17	−38	−16	+41	−39	−7	0	2.70
42326		08 37 46.61	+26 14 15.5	7.86		H	129.444 226 91	+26.237 632 60		3.90	−8.94	−17.42	0.88	0.50	0.95	1.07	0.61	−12	+30	−16	−2	−7	−29	−9	+22	+5	−15	0	0.28
42327		08 37 46.78	+19 16 02.1	6.72		H	129.444 937 39	+19.267 250 17		5.10	−35.55	−12.28	0.94	0.54	1.02	0.99	0.78	−18	+36	−12	−37	+3	−23	−3	+15	−26	−23	5	−0.63
42328		08 37 48.09	−12 32 12.3	8.00		G	129.450 370 45	−12.536 738 02		3.24	−9.41	4.95	0.73	0.63	1.01	0.92	0.66	−13	+23	−13	+0	−21	−8	−15	−11	+15	−27	0	0.53
42329	H	08 37 49.06	−69 39 51.2	8.11		H	129.454 422 03	−69.664 216 30	*	3.09	−7.57	11.87	0.99	0.89	0.78	0.86	0.65	+2	+11	+16	+9	+13	+7	+5	−15	−1	−8	1	0.56
42330		08 37 49.17	+32 17 18.9	7.93		H	129.454 890 20	+32.288 595 89		6.97	−22.85	9.95	0.95	0.63	1.06	1.18	0.91	−21	+25	−30	+13	−7	−17	−17	+40	−20	−16	0	0.96
42331		08 37 49.78	+14 28 22.4	7.60		H	129.457 396 98	+14.472 885 37		1.72	20.57	−12.30	1.11	0.59	1.07	1.30	0.76	+7	+9	−32	−48	−5	−29	−18	+17	−16	+13	0	1.55
42332		08 37 50.10	+49 13 11.2	8.86		H	129.458 735 48	+49.219 772 72		0.13	23.28	−18.33	1.17	0.74	1.15	1.72	0.97	−10	+12	−9	−10	−29	+7	−23	+9	+3	−18	0	0.07
42333		08 37 50.47	−06 48 25.2	6.74		H	129.460 285 41	−06.806 990 27		42.32	−298.43	43.34	0.92	0.61	1.04	1.23	0.81	+0	+22	−4	−3	−7	+2	−5	+43	−9	−7	0	−1.07
42334		08 37 52.17	−26 15 17.9	5.24		H	129.467 368 38	−26.254 970 08		13.49	−23.44	−12.23	0.49	0.43	0.73	0.69	0.52	+18	−1	+6	+14	+17	−7	+13	+3	+4	−11	2	0.82
42335		08 37 52.76	−42 33 33.3	8.97		H	129.469 827 64	−42.559 256 97		2.38	−16.59	−10.43	0.71	0.75	0.90	0.83	0.78	+2	+7	−2	+10	+13	+6	+11	−19	+4	+0	0	0.55
42336		08 37 53.07	−12 42 21.3	7.13		H	129.471 143 08	−12.705 917 25		4.91	−8.23	0.45	0.71	0.56	0.95	0.88	0.58	−2	+23	−8	−9	−27	−16	−21	−12	+13	−23	0	1.40
42337		08 37 54.24	−35 02 26.9	10.35		H	129.476 018 80	−35.040 801 53		17.23	−115.07	−120.27	2.01	2.18	2.95	2.32	2.36	+3	−4	+6	−14	+3	+15	+1	−23	+1	−5	2	
42338		08 37 54.58	+60 35 24.2	9.22		H	129.477 420 36	+60.590 051 62		15.99	−122.26	−142.18	0.92	1.58	1.56	1.31	2.22	−40	+20	−34	−14	+29	−34	+20	−70	+28	−33	0	1.99
42339		08 37 55.20	−40 22 25.1	8.21		H	129.480 010 08	−40.373 646 57		1.88	−11.46	9.25	0.57	0.65	0.81	0.60	0.74	+0	+12	+19	+5	−4	+9	−7	+2	−3	−19	0	1.25
42340		08 37 55.93	−44 29 09.0	8.57		H	129.483 031 48	−44.485 819 56		1.58	−5.42	8.57	0.68	0.64	0.80	0.88	0.68	+8	−2	−3	−13	+9	−9	+6	−22	+13	+3	0	−0.68
*42341		08 37 56.18	+39 38 41.4	7.47		H	129.484 069 22	+39.644 826 08		4.18	6.29	−7.47	0.85	0.54	0.99	0.95	0.66	−28	+36	−6	+12	−15	−9	−20	+8	−11	−41	2	0.71
*42342		08 37 56.09	−74 34 26.0	6.62		H	129.483 688 33	−74.573 893 96		7.01	−16.61	−17.64	0.51	0.46	0.55	0.53	0.52	−3	+27	−1	−6	+3	−10	+8	−20	+23	−11	0	−1.39
42343		08 37 57.65	−08 52 53.5	7.02		H	129.490 213 33	−08.881 519 15		20.69	−158.44	−29.51	0.73	0.52	0.84	0.88	0.62	−12	+4	+1	−18	−27	−13	−16	+15	+5	−46	0	0.83
42344		08 37 58.71	−27 39 07.8	9.43		H	129.494 609 65	−27.652 163 81		20.03	−148.17	94.87	0.74	0.84	1.31	0.87	0.90	−19	+11	+13	−1	−6	+3	−5	+19	−5	−30	1	0.61
42345	H	08 37 59.08	−08 44 06.4	8.01		H	129.496 173 47	−08.735 119 87	*	19.58	62.55	52.06	1.94	1.59	1.30	1.37	0.95	+3	+16	+5	−40	−36	−25	−20	+16	+21	−42	2	−0.55
42346		08 37 59.25	+11 26 58.9	8.05		H	129.496 864 26	+11.449 686 18		4.44	−8.32	−2.02	1.10	0.72	1.29	1.09	0.87	−39	+54	−45	−27	+1	−29	−22	+43	−25	−20	0	0.27
42347		08 38 00.73	+70 49 36.0	10.98		G	129.503 033 91	+70.826 654 39		−0.22	−4.08	−17.75	1.34	1.49	2.10	1.46	1.84	+29	+7	−20	−16	−21	+13	−21	−7	+5	+40	2	1.70
42348		08 38 01.65	−11 44 37.4	6.58		H	129.506 883 89	−11.743 730 17		8.92	−20.57	−1.87	0.67	0.53	0.87	0.84	0.54	−5	+16	−26	+2	−36	+5	−27	+12	+14	−8	0	−0.36
42349		08 38 02.58	−38 45 35.2	8.90	1	G	129.510 759 23	−38.759 778 82		2.64	−9.91	7.60	0.57	0.67	0.81	0.56	0.67	−4	+7	+6	+1	+1	+12	+1	−8	+14	−7	0	1.58
42350		08 38 03.18	−16 02 15.3	10.30		H	129.513 244 53	−16.037 589 23		0.96	−4.33	2.49	1.17	1.07	1.59	1.45	1.14	−27	−3	+2	+9	−33	−30	−29	+28	+19	−41	0	−0.34
42351		08 38 03.89	+45 53 01.0	9.17		H	129.516 220 51	+45.883 609 46		5.42	−3.18	−18.22	1.33	0.84	1.36	1.99	1.14	−23	+26	−28	−15	+2	−4	+0	−13	+8	+10	0	0.36
42352		08 38 04.39	+41 22 15.7	10.02		H	129.518 301 90	+41.371 038 21		7.78	15.94	−25.40	1.57	1.02	1.75	1.93	1.32	−31	+34	−20	+3	−12	+2	−12	+11	−4	−40	0	−0.58
42353		08 38 05.19	+09 34 28.7	6.54		H	129.521 641 61	+09.574 635 55		8.74	−36.97	−10.31	0.83	0.50	0.90	1.01	0.69	−1	+10	−26	−22	+13	−11	+10	+7	−23	+0	0	2.29
42354		08 38 05.68	−38 00 32.4	7.19		G	129.523 650 41	−38.009 010 18		1.98	−5.25	0.53	0.43	0.48	0.62	0.45	0.50	+6	−7	−1	−9	+7	+2	+5	−8	+17	+10	1	−0.14
42355		08 38 07.98	+10 51 59.0	8.34		H	129.533 230 24	+10.866 379 88		2.91	16.21	−34.33	1.09	0.60	1.16	1.34	0.84	−10	+37	−14	−18	+7	−6	+0	+24	−15	−2	0	0.80
42356		08 38 08.59	+26 02 57.9	7.54		H	129.535 791 26	+26.049 421 28		22.99	−127.29	−183.67	0.83	0.49	0.91	1.01	0.58	−17	+32	−19	−3	−6	−25	−8	+15	+8	−19	0	−0.14
42357		08 38 09.40	−45 20 18.3	8.66		H	129.539 170 97	−45.338 427 41		−0.29	−8.71	8.60	0.65	0.56	0.74	0.80	0.60	+6	+8	−6	−31	+6	−9	+7	−16	+23	−1	0	−1.62
42358		08 38 10.91	+30 01 08.1	8.70		H	129.545 465 68	+30.018 926 18		3.72	−21.20	−17.17	1.19	0.71	1.23	1.60	0.94	−29	+18	−23	−30	+17	−18	+13	−17	−3	−9	0	1.75
42359		08 38 11.32	+32 40 11.7	9.01		H	129.547 181 02	+32.669 924 26		2.80	−21.52	−12.74	1.10	0.77	1.25	1.34	1.10	−23	+26	−31	+5	−5	−18	−12	+29	−6	−22	2	0.29
42360		08 38 12.53	−01 52 08.1	7.78		G	129.552 217 61	−01.868 908 78		3.55	−36.91	19.60	0.82	0.70	1.17	0.97	0.77	−24	+28	−55	−16	+9	−34	−19	+54	−31	−4	4	−0.28
42361		08 38 13.00	−22 31 02.3	8.92		H	129.554 175 17	−22.517 296 55		9.58	28.22	−78.04	0.93	0.92	1.45	1.09	0.95	−27	+11	+0	+29	−21	−7	−20	+35	−1	−38	0	0.00
42362	H	08 38 15.24	−22 31 22.0	10.06		H	129.563 505 71	−22.522 769 83	A	0.70	5.61	−9.82	2.81	3.07	3.86	2.97	3.16	−33	+13	+3	+24	−18	+9	−15	+37	−4	−45	3	−0.75
42363		08 38 15.39	−39 25 03.6	8.83		G	129.564 145 01	−39.417 654 55		0.11	−5.39	3.08	0.60	0.63	0.82	0.56	0.63	+5	+0	+7	−12	−3	+10	−2	−1	+11	−5	1	1.51
42364		08 38 17.56	+37 01 13.5	7.60		G	129.573 161 17	+37.020 415 77		5.61	−30.24	−31.53	0.83	0.50	0.90	1.06	0.59	−15	+7	−23	−29	−25	−1	−14	+9	−3	−44	0	0.06
42365		08 38 19.00	+32 48 07.3	5.96		H	129.579 157 84	+32.802 028 05		8.88	−24.29	−3.04	0.71	0.49	0.79	0.93	0.71	−14	+22	−17	+15	−1	−26	−5	+30	+0	−15	0	0.26
42366		08 38 19.02	−50 30 30.1	8.25		H	129.579 248 20	−50.508 357 68		1.06	−3.76	2.79	0.60	0.56	0.66	0.66	0.57	+5	+7	+14	−5	−9	−5	−7	−3	+0	−1	0	−0.46
42367		08 38 19.66	+43 23 03.9	9.94		H	129.581 904 18	+43.384 408 27		6.24	−19.95	−19.28	1.44	1.02	1.64	1.72	1.67	−26	+24	−6	−6	−25	−20	−27	+37	−3	−34	0	−0.40
*42368		08 38 20.28	−06 39 44.3	6.52		H	129.584 510 27	−06.662 312 40		3.23	−9.12	−3.00	0.86	0.55	0.95	1.09	0.72	+4	+18	−7	+1	−6	−3	−4	+47	−10	−5	0	1.09
*42369		08 38 20.12	−75 05 47.3	9.55		G	129.583 832 66	−75.096 460 74		12.10	−197.33	170.02	1.05	0.92	1.10	1.21	1.11	−4	+27	−6	−7	−4	+2	+2	−11	+21	−5	3	−2.48
42370		08 38 20.45	+00 41 27.8	7.24		H	129.585 204 40	+00.691 043 58		6.51	−43.97	2.88	0.80	0.56	0.96	1.14	0.75	−5	+24	−36	+25	+29	−30	+18	+36	−9	+4	0	0.72
42371		08 38 20.76	+29 37 59.7	9.38		H	129.586 501 93	+29.633 237 08		27.56	−250.08	−97.61	1.29	0.73	1.29	1.82	0.98	−3	+11	−19	+1	+27	−10	+24	+0	−6	+0	0	−0.12
42372		08 38 22.26	+53 24 05.7	5.66		H	129.592 747 61	+53.401 575 20		13.55	−76.32	−14.66	0.58	0.52	0.71	0.68	0.49	−14	+10	−2	+21	+24	−25	+42	−45	−13	+31	0	−0.10
42373	H	08 38 23.05	+12 56 01.1	8.63		H	129.596 051 24	+12.933 643 79	A	2.71	−2.24	−1.29	2.40	2.83	2.02	2.66	1.56	−3	+35	−10	−15	+7	−1	+0	+30	+4	+5	1	0.06
42374		08 38 23.94	−53 43 18.6	7.66		G	129.599 736 59	−53.721 830 29		7.02	−24.12	21.72	0.53	0.53	0.61	0.69	0.58	+13	+6	+2	+8	+3	+3	+3	−10	+13	+13	0	−1.55
42375		08 38 24.72	+12 29 16.3	8.60		H	129.603 017 10	+12.487 854 87		0.97	0.14	−9.42	1.15	0.61	1.19	1.40	0.84	−2	+40	−20	−10	+14	−16	+5	+28	−10	+14	0	−0.66
42376		08 38 25.26	−46 46 38.7	9.82		H	129.605 238 53	−46.777 405 51	B	7.10	−16.72	18.18	10.39	10.38	4.54	9.24	7.65	+3	−4	−7	+16	−6	+9	−5	−2	+5	+2	4	3.13
42377		08 38 25.63	−17 00 13.5	8.63		G	129.606 803 78	−17.003 756 55		2.69	−9.80	0.32	0.91	0.76	1.10	1.07	0.82	−32	+14	−7	−24	+0	−4	+5	−4	+7	−45	0	0.71
42378		08 38 25.88	−10 49 30.5	8.23		H	129.607 843 55	−10.825 125 39		9.68	−33.50	−9.31	0.82	0.63	1.08	0.99	0.65	−22	+27	+0	+16	−38	−11	−31	+26	+3	−37	0	−0.85
42379		08 38 26.53	−46 46 35.1	7.84		H	129.610 541 96	−46.776 427 91	A	1.35	−9.17	4.66	1.60	1.56	1.45	1.94	1.61	+2	−9	−6	+12	−3	+5	−3	+2	+6	−2	4	3.13
42380		08 38 27.05	−35 49 21.1	8.83		H	129.612 706 79	−35.822 537 64		3.81	−21.17	20.20	0.59	0.77	0.90	0.62	0.80	+0	+4	+2	−7	−4	+5	−4	−27	−3	+2	0	−0.28
42381		08 38 27.85	−62 50 35.7	6.72	1	H	129.616 042 74	−62.843 248 24		2.72	8.46	2.81	0.48	0.42	0.54	0.47	0.44	−1	+24	+7	−31	−17	−30	−7	+1	+7	−33	0	−1.47
42382		08 38 28.89	+17 03 35.9	8.11		G	129.620 377 54	+17.059 974 69		9.07	−17.23	7.36	1.05	0.62	1.18	1.22	0.84	−24	+31	−34	−32	+9	−17	−5	+23	−26	−11	0	2.43
42383		08 38 29.04	+14 51 29.6	8.00		G	129.621 020 56	+14.858 219 67		5.55	0.61	−19.85	1.17	0.62	1.18	1.35	0.81	+2	+4	−37	−47	−5	−21	−15	+29	−22	+5	0	0.96
*42384		08 38 31.98	−72 28 51.4	8.73		H	129.633 259 93	−72.480 934 33		1.52	−21.53	15.71	0.73	0.69	0.76	0.91	0.81	+1	+15	+12	−10	−18	−5	−13	+5	+9	−20	0	2.10
*42385		08 38 33.82	+33 08 48.0	8.03		H	129.640 928 50	+33.146 675 35		5.47	−17.20	−24.51	0.93	0.63	1.09	1.14	0.85	−20	+31	−31	+16	+4	−36	−9	+37	−9	−13	0	−0.79
*42386		08 38 35.29	+34 29 15.7	9.01		H	129.647 041 64	+34.487 690 54		6.78	−1.74	−21.10	0.99	0.69	1.37	1.36	1.04	−50	+5	−7	+6	−28	−22	−23	+18	+30	−82	0	0.06
*42387	H	08 38 36.18	−35 04 51.6	9.01		H	129.650 740 39	−35.080 991 54	A	1.81	−0.25	3.73	1.60	1.77	2.31	1.61	1.75	+8	−14	+20	−10	+18	+42	+9	−5	+17	+11	1	2.04
*42388		08 38 36.74	−74 04 28.7	6.82		H	129.653 098 09	−74.074 625 88		8.48	27.40	155.36	0.50	0.50	0.56	0.50	0.55	+5	+17	+9	−28	−2	−6	+2	−20	+16	−5	0	−0.58
*42389		08 38 38.12	+30 42 44.1	7.44		H	129.658 838 94	+30.712 236 94		1.31	−10.96	−14.06	0.95	0.58	1.00	1.23	0.76	−24	+25	−22	−33	+13	−26	+9	−15	−3	−5	0	0.40
*42390	H	08 38 38.25	−46 46 54.6	8.22		H	129.659 367 35	−46.781 830 26	A	1.27	−10.86	10.98	1.01	0.96	1.07	1.16	0.93	−5	−4	−6	+16	−1	−4	−4	+3	+7	−11	2	1.31
*42391		08 38 39.47	+31 09 38.7	8.50		H	129.664 478 35	+31.160 747 46		−0.11	−24.83	−40.27	1.12	0.71	1.26	1.45	0.93	−31	+31	−22	−20	+5	−19	+2	−1	+1	−11	0	−0.22
*42392		08 38 30.58	+31 54 58.0	10.51		H	129.627 405 55	+31.916 122 25		18.62	−70.91	−116.39	3.01	1.42	2.46	3.06	1.70	−36	+49	−45	+18	−19	+13	−22	+12	−13	−6	0	1.63
42393		08 38 40.24	+53 43 22.4	8.31		H	129.667 653 62	+53.722 891 17		4.82	−6.18	−6.25	0.94	0.73	1.13	1.18	0.71	+14	−2	−22	+10	+16	−9	+25	−36	+8	+51	0	1.11
42394	H	08 38 40.29	−19 44 12.9	6.32	1	G	129.667 861 25	−19.736 909 27	A	3.60	9.68	2.22	0.87	0.72	1.05	0.82	0.71	−36	+14	−20	+45	−5	−13	−12	+18	+5	−51	4	0.64
42395		08 38 40.46	−42 26 49.2	8.24		G	129.668 566 03	−42.446 987 71		1.06	−5.67	3.98	0.55	0.56	0.70	0.67	0.60	−3	+1	+11	+8	+8	+3	+6	−9	+10	−8	0	1.10
42396		08 38 41.65	+01 17 19.1	11.39		H	129.673 558 12	+01.288 631 38		11.36	88.43	−434.89	8.99	6.47	11.49	12.21	8.45	−23	+27	−32	+3	+15	−20	+4	+34	−18	−9	4	
42397		08 38 42.96	−36 57 19.2	8.18	1	H	129.678 982 43	−36.955 325 43		2.36	7.00	−4.57	0.53	0.65	0.81	0.52	0.71	+8	−11	−3	−6	−1	+17	−1	−1	+9	+0	0	0.82
42398		08 38 43.17	−41 34 47.0	9.02		H	129.679 858 47	−41.579 734 97		3.03	−13.76	9.02	0.70	0.75	0.92	0.87	0.88	−7	+3	+15	−9	+4	+11	+3	−3	−7	−26	0	1.84
42399		08 38 43.32	−47 47 16.4	7.88	2	H	129.680 483 07	−47.787 879 34		1.07	−2.83	4.81	0.60	0.58	0.72	0.77	0.72	−3	+8	+3	+7	+2	−3	+1	−1	+14	−24	0	0.91
42400		08 38 44.83	−53 05 25.6	6.45		H	129.686 796 97	−53.090 433 71		6.46	−26.06	21.68	0.44	0.43	0.49	0.56	0.47	+22	+5	+8	+9	−6	+7	−5	−15	+11	+24	0	0.60

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
42301	8.114	0.011	7.661	0.009		0.427	0.013	T	0.49	0.01	L	7.7102	0.0013	0.011	76		7.69	7.73		C			1							S
42302	6.881	0.004	6.547	0.004		0.320	0.010	G	0.37	0.01	H	6.5875	0.0008	0.008	183		6.57	6.60			08375−3345	I 1	1							S
42303	10.914	0.066	10.256	0.060		0.601	0.067	T	0.67	0.06	L	10.2023	0.0098	0.057	74		10.14	10.50		P 1 A			1							G P
42304	10.462	0.037	9.173	0.021		1.096	0.033	T	1.06	0.03	L	9.1968	0.0033	0.024	73		9.16	9.25		C			1							
42305	9.118	0.011	8.010	0.008		0.955	0.011	T	0.94	0.01	L	8.0722	0.0014	0.016	177		8.05	8.10					1							
42306	10.957	0.052	9.837	0.030		0.965	0.047	T	0.95	0.04	L	9.9014	0.0029	0.023	111		9.84	9.95		C			1 X S							
42307	7.820	0.004	7.852	0.006		−0.025	0.007	T	0.00	0.01	L	7.8598	0.0009	0.014	310		7.83	7.88					1							S
42308	9.932	0.026	8.270	0.013		1.389	0.023	T	1.36	0.03	L	8.2621	0.0011	0.011	82		8.24	8.28		C			1 S							
42309	7.036	0.006	6.724	0.006		0.284	0.015	G	0.32	0.02	H	6.7745	0.0011	0.010	95		6.76	6.79					1							S
42310	10.117	0.024	8.930	0.015		1.017	0.022	T	0.99	0.02	L	8.9864	0.0024	0.018	116		8.96	9.02					1							
42311	10.008	0.020	8.837	0.013		1.004	0.019	T	0.98	0.01	L	8.8946	0.0017	0.015	125		8.87	8.92		C			1							
42312	4.274	0.002	4.152	0.002		0.109	0.011	G	0.20	0.02	A	4.1704	0.0004	0.004	126		4.16	4.18		C			1							S
42313	4.163	0.003	4.139	0.002		0.003	0.004	G	0.02	0.02	A	4.1512	0.0004	0.004	106		4.15	4.16			08376+0543	I 1	1							S
42314	10.011	0.037	8.710	0.020	*	1.106	0.033	T	1.07	0.03	L *	8.8215	0.0023	0.015	81	*	8.80	8.85		D	08377+4148	I 1	2 C A	AB	0	3.857	0.009	1.38	0.04	
42315	9.079	0.012	7.175	0.005		1.685	0.016	G	2.46	0.05	F	6.9062	0.0332	0.283	148		6.64	7.47	608.00	P 1 A			1 S							S P
42316	6.884	0.004	6.882	0.005		0.044	0.008	G	0.06	0.01	H	6.8797	0.0009	0.010	125		6.86	6.90					1							S
42317	8.532	0.010	8.534	0.013	*	0.003	0.015	T	0.02	0.01	L *	8.5364	0.0021	0.017	111	*	8.51	8.57		C	08377−2353	H 1	2 C S C	AB	36	0.152	0.078	2.27	1.63	S
42318	10.861	0.058	9.172	0.023		1.411	0.049	T	1.39	0.06	L	9.1854	0.0014	0.013	89		9.16	9.21		C			1							
42319	8.543	0.016	8.274	0.017		0.237	0.003	G	0.26	0.00	H	8.3140	0.0024	0.018	60		8.27	8.34			08377+1931	I 1	1							S P
42320	10.749	0.045	9.196	0.021		1.304	0.039	T	1.26	0.04	L	9.2330	0.0025	0.021	79		9.20	9.27		C			1							
42321	9.166	0.015	8.151	0.011		0.885	0.014	T	0.94	0.02	A	8.2034	0.0191	0.261	118		7.84	8.47	4.64	P 1 A			1							
42322	8.852	0.010	8.888	0.013		−0.030	0.014	T	−0.01	0.01	L	8.8888	0.0016	0.021	167		8.85	8.92		C			1							
42323	9.893	0.021	7.998	0.009		1.574	0.018	T	1.59	0.02	L	7.9356	0.0019	0.018	124		7.91	7.97					1							
42324	9.167	0.019	7.884	0.012		1.092	0.018	T	1.05	0.02	L	7.9484	0.0014	0.012	75		7.93	7.97		C			1							S
42325	10.514	0.045	8.722	0.018		1.492	0.038	T	1.52	0.06	L	8.6959	0.0018	0.013	80		8.67	8.71		C			1							
42326	9.330	0.018	7.964	0.011		1.157	0.017	T	1.12	0.01	L	8.0266	0.0011	0.011	88		8.01	8.05		C			1							S
42327	6.959	0.008	6.765	0.008		0.193	0.008	G	0.24	0.03	C	6.7907	0.0012	0.007	58		6.78	6.81					1							S
42328	8.442	0.011	8.021	0.011		0.384	0.015	G	0.45	0.02	H	8.0837	0.0013	0.010	97		8.07	8.10		C			1							S
42329	9.639	0.019	8.245	0.011	*	1.179	0.017	T	1.14	0.01	L *	8.2722	0.0018	0.016	108	*	8.25	8.31		D	08378−6940	H 1	2 C A	AB	24	0.216	0.006	1.18	0.13	
42330	8.306	0.010	7.966	0.012		0.323	0.015	T	0.37	0.02	L	8.0105	0.0017	0.012	89		7.99	8.04					1							S
42331	9.532	0.020	7.744	0.010		1.489	0.018	T	1.51	0.03	L	7.7238	0.0017	0.012	66		7.70	7.74		C			1							S
42332	10.197	0.036	8.980	0.022		1.040	0.033	T	1.01	0.03	L	9.0243	0.0021	0.016	69		8.99	9.07		C			1							
42333	7.544	0.008	6.813	0.007		0.655	0.005	G	0.72	0.00	H	6.8800	0.0014	0.008	64		6.87	6.89		C	08378−0649	I 1	1							S
42334	5.203	0.002	5.239	0.003		−0.030	0.003	T	−0.01	0.00	L	5.2406	0.0005	0.005	132		5.23	5.25		C	08379−2615	I 1	1							S
42335	10.329	0.033	9.106	0.020		1.045	0.030	T	1.02	0.03	L	9.1348	0.0021	0.016	121		9.11	9.16		C			1							
42336	8.352	0.011	7.244	0.007		0.955	0.010	T	0.94	0.01	L	7.2937	0.0014	0.008	87		7.28	7.30		C			1							S
42337	11.525	0.091	10.242	0.041		1.586	0.243	G	2.57	0.55	I	10.3562	0.0038	0.031	136		10.31	10.40		C			1 X							G
42338	10.166	0.025	9.270	0.019		0.782	0.024	T	0.82	0.02	L	9.3620	0.0026	0.024	133		9.31	9.42					1 G							
42339	9.486	0.017	8.316	0.011		1.004	0.016	T	0.98	0.01	L	8.3754	0.0017	0.016	147		8.35	8.40					1							
42340	10.054	0.021	8.726	0.012		1.127	0.019	T	1.09	0.02	L	8.7390	0.0029	0.020	127		8.71	8.77		R			1							
42341	7.640	0.008	7.492	0.008		0.142	0.011	T	0.16	0.01	L	7.5234	0.0011	0.012	94		7.51	7.54					1							S
42342	6.929	0.005	6.652	0.005		0.265	0.010	G	0.30	0.01	H	6.6969	0.0009	0.006	113		6.68	6.71		C			1							S
42343	7.605	0.008	7.087	0.007		0.516	0.001	G	0.59	0.00	H	7.1355	0.0010	0.008	92		7.12	7.15		C			1							S
42344	10.447	0.030	9.491	0.021		0.000	0.020	G	0.75	0.10	S	9.5719	0.0036	0.035	175		9.51	9.62		R			1 S							
42345	8.774	0.014	8.097	0.012	*	0.626	0.015	T	0.69	0.01	L *	8.1401	0.0010	0.011	93	*	8.12	8.16		D	08380−0844	H 1	2 C A	AB	258	0.277	0.008	1.19	0.08	S
42346	8.176	0.010	8.065	0.012		0.108	0.015	T	0.12	0.02	L	8.0951	0.0015	0.010	62		8.08	8.11		C			1							S
42347	11.619	0.079	10.947	0.070		0.539	0.006	G	0.61	0.01	H	11.1436	0.0045	0.044	157		11.06	11.23					1 S							G
42348	6.523	0.004	6.570	0.005		−0.044	0.001	G	−0.02	0.00	H	6.5750	0.0008	0.006	84		6.56	6.59		C			1							S
42349	8.793	0.010	8.894	0.013		−0.097	0.015	G	−0.08	0.02	H	8.8799	0.0028	0.025	133		8.84	8.93		U			1							
42350	10.468	0.037	10.302	0.051		0.102	0.005	G	0.12	0.01	H	10.3371	0.0049	0.028	81		10.30	10.38					1							G
42351	9.658	0.020	9.211	0.020		0.422	0.026	T	0.49	0.03	L	9.2707	0.0025	0.021	79		9.24	9.31		C			1 G							
42352	10.575	0.048	10.099	0.050		0.448	0.063	T	0.52	0.07	L	10.1150	0.0028	0.021	78		10.08	10.15		C			1							
42353	6.523	0.005	6.540	0.006		−0.010	0.006	G	0.01	0.00	L	6.5421	0.0012	0.007	67		6.53	6.56		C			1							S
42354	6.974	0.005	7.155	0.006		−0.168	0.003	G	−0.17	0.00	H	7.1415	0.0008	0.009	135		7.13	7.16					1							S
42355	9.629	0.027	8.459	0.018		1.004	0.025	T	0.98	0.02	L	8.5100	0.0012	0.009	56		8.50	8.53					1							
42356	8.324	0.013	7.603	0.012		0.632	0.010	G	0.70	0.01	H	7.6770	0.0009	0.008	88		7.66	7.69		C			1							S
42357	8.608	0.011	8.679	0.014		−0.052	0.015	G	−0.03	0.01	H	8.6539	0.0015	0.014	122		8.63	8.68		C			1							
42358	8.907	0.016	8.734	0.019		0.166	0.023	T	0.18	0.02	L	8.7537	0.0019	0.016	80		8.73	8.78		C			1 G							S
42359	9.402	0.018	8.988	0.018		0.391	0.024	T	0.46	0.03	L	9.0980	0.0018	0.021	83		9.07	9.13					1 S							
42360	8.979	0.016	7.880	0.011		0.925	0.015	G	0.92	0.01	H	7.9415	0.0016	0.009	81		7.92	7.96		C			1							S
42361	9.425	0.019	8.967	0.019		0.432	0.025	T	0.50	0.03	L	9.0132	0.0020	0.023	114		8.98	9.06					1							
42362	10.691	0.053	10.167	0.049	A						T *	10.1956	0.0042	0.037	111	*	10.12	10.27		D	08383−2231	I 1	2 C A	AB	99	9.584	0.030	1.88	0.11	G
42363	9.145	0.012	8.869	0.013		0.330	0.015	G	0.38	0.02	H	8.9046	0.0015	0.017	153		8.87	8.93		C			1							
42364	7.863	0.007	7.627	0.008		0.218	0.015	G	0.24	0.02	H	7.6601	0.0013	0.013	116		7.64	7.68		C			1							S
42365	7.386	0.006	6.079	0.003		1.111	0.005	T	1.07	0.01	L	6.1272	0.0009	0.006	85		6.12	6.14					1							S
42366	8.345	0.009	8.275	0.011		0.081	0.002	G	0.09	0.00	H	8.2870	0.0020	0.017	113		8.26	8.31					1							
42367	10.633	0.045	9.982	0.040		0.604	0.051	T	0.67	0.04	L	10.0676	0.0019	0.018	76		10.04	10.11					1							
42368	7.037	0.006	6.577	0.005		0.447	0.006	T	0.52	0.01	L	6.6177	0.0011	0.008	66		6.61	6.63		C			1							S
42369	10.446	0.032	9.615	0.025		0.728	0.003	G	0.78	0.00	H	9.6906	0.0023	0.025	106		9.66	9.73			08384−7506	I 1	1							
42370	8.576	0.012	7.354	0.008		1.044	0.011	T	1.01	0.01	L	7.4047	0.0008	0.007	84		7.39	7.42					1							S
42371	10.778	0.061	9.561	0.033		1.034	0.055	T	1.08	0.07	L	9.5168	0.0024	0.016	77		9.49	9.55		C			1							
42372	6.886	0.004	5.766	0.003		0.964	0.003	G	0.95	0.00	H	5.8190	0.0007	0.007	111		5.81	5.83		C			1							S
42373	9.109	0.016	8.695	0.017	*	0.391	0.021	T	0.46	0.02	L *	8.7237	0.0015	0.012	77	*	8.70	8.74		C	08384+1256	H 1	2 C B	AB	199	0.474	0.023	3.21	0.26	
42374	7.744	0.007	7.642	0.010		0.076	0.002	G	0.09	0.00	H	7.6846	0.0012	0.010	114		7.67	7.70		C			1							S
42375	10.058	0.032	8.720	0.018		1.135	0.029	T	1.10	0.03	L	8.7737	0.0013	0.010	73		8.76	8.80		C			1							
42376	9.692	0.038	9.635	0.051	B	0.035	0.015	G	0.05	0.01	H	9.2311	0.0360			B				D	08384−4647	I 2	1 C I A							
42377	9.757	0.028	8.737	0.020		0.890	0.015	G	0.90	0.01	H	8.7891	0.0016	0.016	78		8.76	8.82					1							
42378	8.539	0.012	8.251	0.013		0.274	0.017	T	0.31	0.02	L	8.3045	0.0013	0.011	92		8.28	8.33					1							S
42379	7.726	0.007	7.781	0.009	A	−0.016	0.008	G	0.01	0.01	H	7.8409	0.0104	0.029	117	A	7.81	7.93		D	08384−4647	I 2	1 C P A							S
42380	9.009	0.012	8.862	0.014		0.134	0.017	T	0.15	0.02	L	8.8782	0.0014	0.020	157		8.85	8.92					1							
42381	8.827	0.018	6.908	0.008		1.593	0.016	T	1.61	0.02	L	6.8357	0.0011	0.012	120		6.81	6.85		M			1							S
42382	8.588	0.014	8.152	0.014		0.413	0.015	G	0.48	0.02	H	8.2075	0.0010	0.010	56		8.19	8.22		D			1							S
42383	8.459	0.012	8.041	0.012		0.398	0.015	G	0.46	0.02	H	8.0932	0.0017	0.011	66		8.08	8.11		C			1							S
42384	10.440	0.034	8.879	0.016		1.310	0.030	T	1.27	0.03	L	8.8894	0.0017	0.019	107		8.86	8.92					1							
42385	8.358	0.010	8.058	0.010		0.306	0.003	G	0.35	0.00	H	8.1058	0.0015	0.011	88		8.08	8.12					1							S
42386	9.541	0.013	9.051	0.013		0.461	0.017	T	0.53	0.02	L	9.1120	0.0018	0.019	153		9.08	9.15		C	08386+3429	I 1	1							
42387	11.316	0.080	9.320	0.023	A	1.251	0.218	G	1.62	0.11	S *	9.1187	0.0024	0.029	137	*	9.06	9.16		R	08386−3505	M 1	2 C A	AB	227	6.904	0.020	2.33	0.10	
42388	8.179	0.009	6.952	0.004		1.048	0.008	T	1.02	0.01	L	6.9838	0.0008	0.008	118		6.97	7.00		C			1							S
42389	9.133	0.016	7.586	0.009		1.299	0.014	T	1.26	0.01	L	7.5964	0.0015	0.011	79		7.57	7.61					1 G							S
42390	8.219	0.010	8.270	0.014	*	−0.040	0.015	G	−0.02	0.01	H *	8.2191	0.0020	0.015	121	*	8.19	8.24		D	08386−4647	I 1	2 C A	AB	101	0.907	0.006	1.82	0.03	
42391	10.178	0.033	8.634	0.017		1.250	0.015	G	1.21	0.01	H	8.6598	0.0019	0.017	74		8.62	8.69		C			1 G							
42392	11.853	0.156	10.672	0.092		0.493	0.001	G	0.57	0.00	H	10.6187	0.0049	0.029	64		10.57	10.66		C			1 G							G
42393	9.605	0.020	8.415	0.012		1.019	0.018	T	0.99	0.01	L	8.4735	0.0022	0.015	98		8.45	8.50					1							
42394	8.319	0.011	6.486	0.005	*	1.592	0.009	G	2.40	0.03	O *	6.3951	0.0018	0.015	116	*	6.37	6.42		U 2	08387−1944	I 1	2 C A	AB	103	4.473	0.013	2.93	0.06	S
42395	8.213	0.008	8.233	0.011		0.012	0.011	G	0.03	0.01	H	8.2512	0.0014	0.014	126		8.23	8.27		C			1							
42396						1.700	0.495	G	1.68	0.51	J	11.5029	0.0070	0.053	68		11.38	11.59					1 X S							G
42397	10.444	0.028	8.432	0.010		1.667	0.024	T	1.69	0.03	L	8.2900	0.0019	0.020	149		8.26	8.33		U			1 S							
42398	8.943	0.011	9.016	0.015		−0.054	0.015	G	−0.03	0.01	H	9.0124	0.0020	0.018	130		8.98	9.05		C			1							
42399	10.470	0.037	8.094	0.011		1.860	0.015	G	1.84	0.01	J	7.9712	0.0040	0.039	118		7.92	8.05		U 2 C			1 S							P
42400	6.337	0.004	6.437	0.005		−0.100	0.005	G	−0.08	0.01	H	6.4237	0.0005	0.006	122		6.41	6.43		D	08387−5305	I 1	1 S							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
42401		08 38 45.30	−13 15 24.4	9.67		G	129.688 743 80	−13.256 786 13		29.73	−64.24	39.85	1.16	0.92	1.55	1.36	1.02	−6	+25	−1	−15	−20	−3	−16	+1	−2	−23	0	1.00
42402		08 38 45.45	+03 20 29.3	4.45		G	129.689 369 93	+03.341 474 77		9.25	−19.03	−16.29	0.70	0.49	0.94	0.95	0.61	−11	+22	−39	+10	+27	−33	+10	+45	−23	+7	0	1.09
42403		08 38 45.55	+23 41 10.6	6.89		H	129.689 794 10	+23.686 266 09		28.52	−47.09	−148.45	0.91	0.50	0.95	1.02	0.61	−12	+24	−28	−30	−9	−29	−17	+30	−11	−13	0	−0.39
42404		08 38 47.14	+50 39 49.6	8.73		H	129.696 422 50	+50.663 776 30		1.30	4.77	−24.84	1.06	0.87	1.31	1.55	0.94	−8	+4	−37	+12	−6	+18	+2	−17	+3	+0	0	−0.15
42405		08 38 47.36	+38 10 19.0	9.40		H	129.697 331 94	+38.171 945 58		9.05	−3.65	−62.76	1.25	0.77	1.41	1.53	1.02	−17	+7	−2	−22	−20	+2	−12	+6	−8	−51	3	−0.35
42406	H	08 38 47.66	−33 52 15.5	7.57		H	129.698 586 11	−33.870 976 71	A	5.60	−20.78	−10.58	0.98	1.45	1.31	0.88	1.23	−16	+0	−4	−6	+8	+12	+7	−8	+0	−15	1	0.00
42407		08 38 47.82	−72 20 45.8	8.77	2	H	129.699 262 69	−72.346 068 39	A	4.47	4.29	25.36	2.05	2.02	1.99	2.29	2.02	+0	+10	+29	−15	−10	+4	−6	+1	+1	−26	5	7.22
42408		08 38 49.40	−05 56 52.4	8.19		H	129.705 826 33	−05.947 893 94		23.74	230.85	−338.05	0.94	0.72	1.13	1.23	0.81	−20	+24	−30	−31	+10	−32	−10	+40	−22	+2	0	0.29
42409		08 38 50.77	−08 33 22.9	8.56		H	129.711 555 42	−08.556 370 25		4.17	−29.67	−15.26	0.91	0.68	1.19	1.09	0.80	−21	+25	+7	−16	−18	−12	−12	+0	−1	−50	0	1.12
42410		08 38 52.07	−30 23 15.3	8.30	1	H	129.716 940 73	−30.387 578 00		2.98	−6.16	2.69	0.42	0.54	0.83	0.47	0.57	+26	−7	−12	+7	+7	+11	+7	−10	+11	+28	0	1.36
42411		08 38 55.95	−14 40 25.7	8.22	1	H	129.733 118 33	−14.673 792 22		0.70	−6.53	5.90	0.81	0.69	1.09	0.95	0.68	−33	+33	−11	+5	−34	−6	−23	+26	+10	−42	0	1.33
42412		08 38 56.31	−06 50 53.9	7.17		H	129.734 637 11	−06.848 312 28		7.01	−23.96	−10.41	0.75	0.55	0.97	0.87	0.71	−20	+31	−10	+8	−21	−6	−18	+46	−13	−34	0	1.94
42413		08 38 56.56	−66 12 23.7	9.35		H	129.735 686 57	−66.206 588 23		5.76	−8.55	28.24	0.82	0.75	0.85	0.96	0.77	−6	−6	+19	−4	−8	−1	−7	+3	−7	−12	0	0.53
42414		08 38 59.42	−25 05 27.6	8.33		G	129.747 595 19	−25.091 009 38		5.19	−13.08	−9.38	0.60	0.58	0.82	0.63	0.61	−15	−2	−15	+25	−8	+9	−8	+10	+3	−23	0	1.40
42415		08 38 59.92	+52 55 30.5	6.34		H	129.749 653 55	+52.925 148 12		5.61	−28.67	−28.44	0.67	0.52	0.80	0.74	0.49	−12	+26	−6	+14	+26	−31	+42	−40	−9	+37	0	1.99
42416		08 39 00.02	−77 36 37.9	8.42		H	129.750 095 10	−77.610 518 20		2.03	−16.56	5.05	0.59	0.61	0.66	0.67	0.59	+4	+4	+17	+7	−10	+4	−10	−21	+11	−2	0	3.01
42417		08 39 00.13	+34 44 03.9	8.51		H	129.750 555 65	+34.734 404 34		4.09	−8.17	−18.95	1.00	0.71	1.36	1.39	1.07	−59	+7	+9	+3	−27	−11	−19	+22	+11	−86	0	−0.15
42418		08 39 00.30	+06 57 22.2	7.90		H	129.751 270 25	+06.956 172 07		39.28	−91.96	−293.89	0.97	0.62	1.21	1.22	0.86	−14	+33	−20	+34	+23	+14	+14	+42	−31	−18	0	1.60
42419		08 39 00.32	−22 05 03.7	8.06		H	129.751 327 64	−22.084 363 36		6.41	−34.39	−4.25	0.73	0.62	0.96	0.85	0.64	−21	+1	−1	+40	−16	−24	−17	+30	+8	−30	0	0.77
42420		08 39 00.56	−29 20 32.0	8.30		H	129.752 324 76	−29.342 231 76		3.04	−6.09	7.75	0.53	0.60	0.88	0.60	0.64	+4	−4	−4	+21	−7	+0	−9	+4	−8	−13	0	1.82
42421		08 39 01.26	−12 07 13.0	8.02		H	129.755 269 95	−12.120 288 67		3.01	5.07	−2.56	0.76	0.61	0.99	0.97	0.61	−8	+18	−9	+6	−39	−5	−31	+5	+10	−24	0	0.51
42422		08 39 01.89	−00 35 29.5	10.07		H	129.757 873 08	−00.591 517 31		2.46	−8.34	−10.31	1.40	1.07	1.78	1.70	1.38	−23	+15	−28	−11	+7	−36	+0	+25	−6	−26	0	2.17
42423		08 39 02.72	+24 27 01.8	8.33		H	129.761 313 67	+24.450 495 07		−0.47	−15.14	−8.44	1.03	0.63	1.27	1.44	0.81	−10	−4	−21	+18	−3	−51	−15	+33	+8	−25	0	−0.09
42424	H	08 39 04.07	−55 56 32.8	7.41		G	129.766 970 13	−55.942 447 05	A	5.96	−17.61	7.90	0.85	0.92	0.88	0.88	0.93	+8	−8	−15	+3	−19	+23	−20	−19	−6	−20	0	0.22
42425		08 39 05.13	−70 23 11.9	5.19		H	129.771 367 71	−70.386 652 35		13.64	19.21	−38.05	0.50	0.43	0.50	0.60	0.39	+5	+7	+28	−16	+2	+4	+1	−19	+10	+1	0	0.67
42426		08 39 05.42	+02 08 31.0	8.40		H	129.772 601 10	+02.141 932 09		5.21	−3.56	−10.33	0.99	0.83	1.44	1.27	0.94	−31	+23	−51	+9	+19	−30	−5	+50	−34	−6	0	0.35
42427		08 39 06.84	−79 58 59.9	9.52		H	129.778 508 98	−79.983 301 98		1.31	−4.02	1.51	0.79	0.76	0.86	0.92	0.87	−10	+11	+3	+20	−7	+13	−7	−1	+11	−14	0	0.33
42428		08 39 07.88	+20 47 50.3	8.62		H	129.782 851 84	+20.797 293 46		3.35	2.85	−31.58	1.10	0.67	1.25	1.40	0.91	−8	+4	−20	−18	+9	−36	+4	+24	−18	−4	2	1.54
42429		08 39 07.90	+51 28 41.0	8.46		H	129.782 898 83	+51.478 054 86		3.37	−23.11	−18.78	1.13	0.84	1.30	1.50	0.86	−14	−19	+8	−23	+13	+17	+18	−45	−10	+23	0	1.54
42430	H	08 39 08.07	−22 39 46.5	5.05		G	129.783 624 46	−22.662 905 80	A	50.20	−268.26	424.08	0.80	0.80	0.98	0.86	0.64	−26	+9	−17	+35	−7	−6	−12	+38	−13	−29	17	1.49
42431	H	08 39 08.21	−32 43 05.4	9.21		H	129.784 197 99	−32.718 170 61	A	4.68	−36.94	34.17	2.25	2.78	3.39	2.29	2.63	−11	−2	+7	+5	−5	+22	−2	−19	+6	+4	2	0.96
42432		08 39 08.54	+31 47 44.6	9.02	3	T	129.785 594 99	+31.795 722 15		3.25	−4.56	−14.19	1.39	0.82	1.56	1.58	1.07	−23	+32	−32	+0	−11	−22	−21	+26	−11	−29	0	0.11
42433	H	08 39 09.54	−40 25 09.3	7.20	2	H	129.789 737 58	−40.419 248 45	A	2.00	−3.38	3.70	0.96	1.01	1.18	0.93	0.91	+8	+19	+34	+14	+12	+21	+4	+0	+3	−3	5	2.27
42434		08 39 10.10	+59 56 21.3	6.47		H	129.792 101 53	+59.939 242 72		9.05	−27.41	−48.11	0.51	0.52	0.73	0.69	0.63	−26	+11	−12	−32	+2	−1	+2	−31	+2	+17	0	−0.65
42435	H	08 39 10.67	−16 01 57.6	7.74		H	129.794 440 63	−16.032 662 11	A	2.90	−3.81	−0.45	1.53	1.29	1.38	1.33	1.01	−32	+3	−13	−8	−32	−5	−19	+20	+7	−38	1	0.39
42436		08 39 10.99	+18 10 33.7	10.24		H	129.795 791 33	+18.176 018 41		5.49	−41.78	−11.50	1.84	0.99	1.82	2.19	1.43	−4	+0	−21	−40	−5	−9	−1	+25	−21	−13	0	−0.85
42437		08 39 11.52	+68 57 11.5	8.01		H	129.798 007 73	+68.953 203 47		3.44	8.23	−8.71	0.50	0.63	0.94	0.60	0.81	+32	+10	−7	+5	−3	+22	−1	+5	+10	+46	0	−1.84
42438		08 39 11.74	+65 01 14.5	5.63	1	G	129.798 926 15	+65.020 692 98		70.07	−27.73	87.90	0.49	0.46	0.71	0.59	0.49	+1	+10	−24	+19	−15	+16	−9	−2	−3	+12	1	−0.93
42439	H	08 39 13.24	+07 34 23.7	7.93	2	H	129.805 181 34	+07.573 244 82	*	1.68	−10.01	−3.55	0.92	0.64	1.14	1.25	0.85	−21	+27	−36	−5	+22	−23	+5	+27	−30	−4	0	1.45
42440	H	08 39 13.24	−60 19 02.4	6.35		G	129.805 183 00	−60.317 337 17	A	7.46	−41.25	19.94	0.77	0.67	0.64	0.69	0.55	+1	−13	+11	+6	−1	+2	−1	−9	+4	−14	4	0.71
42441		08 39 14.25	−37 28 12.7	6.91	1	H	129.809 384 38	−37.470 205 60		2.67	−16.06	27.58	0.41	0.48	0.60	0.43	0.49	+12	−8	−5	+4	−1	+6	−2	−17	+9	+8	0	−2.48
42442		08 39 14.44	−69 16 26.2	6.99		G	129.810 171 66	−69.273 944 63		2.50	−2.47	11.10	0.52	0.43	0.52	0.58	0.43	+6	+15	+9	+3	−1	−2	+1	−9	+22	−9	3	1.65
42443		08 39 14.49	+22 48 24.4	9.23		H	129.810 368 59	+22.806 786 33		1.05	−0.39	−10.63	1.13	0.65	1.21	1.58	0.92	−1	+9	−17	−9	+12	−29	+5	+30	−15	+10	0	−0.59
42444		08 39 14.92	−12 44 14.8	6.65		H	129.812 170 33	−12.737 456 94		3.85	−0.65	−7.30	0.66	0.45	0.85	0.72	0.48	−3	+37	−11	−9	−23	−9	−19	+15	−1	−11	0	1.26
42445		08 39 15.07	+37 31 39.6	9.90		H	129.812 780 67	+37.527 655 65		5.58	−20.97	11.35	1.29	0.79	1.41	1.81	1.08	−16	+2	−12	−33	−10	+7	−2	−7	−11	−42	0	0.48
42446		08 39 15.87	+12 57 38.2	8.23		H	129.816 131 53	+12.960 601 86		10.31	−113.68	−93.19	1.09	0.62	1.11	1.54	0.86	−7	+28	−27	−24	+8	−14	−5	+21	−6	+23	0	0.73
42447		08 39 16.01	+44 14 38.8	8.37		H	129.816 715 26	+44.244 107 70		3.87	−26.34	2.03	1.07	0.71	1.16	1.59	1.12	−8	+23	−5	+23	+0	+6	+2	+34	+11	+4	0	3.21
42448		08 39 16.16	−60 45 11.7	9.68		H	129.817 341 95	−60.753 243 47		2.18	−3.51	6.68	0.96	0.72	0.86	0.95	0.82	−5	−19	+2	+46	−7	+3	−6	+21	−7	−7	1	−1.26
42449		08 39 16.51	+56 48 58.7	10.42		H	129.818 781 85	+56.816 307 00		3.69	−0.76	−16.26	1.36	1.20	1.91	1.70	1.54	−5	+31	−7	−21	−6	−2	−5	−15	+5	+1	0	0.01
42450		08 39 16.55	−52 18 50.0	8.47		H	129.818 963 86	−52.313 888 21		5.52	−24.54	22.03	0.66	0.62	0.74	0.83	0.69	+10	+18	+1	+3	+0	+8	+2	−17	+10	+14	2	−0.04
42451		08 39 17.55	+40 18 37.2	9.22		H	129.823 120 80	+40.310 322 15		10.45	−43.60	−38.03	1.21	0.71	1.32	1.45	0.89	−33	+38	−22	+2	−19	−13	−21	+17	−3	−39	2	−0.08
42452		08 39 17.65	+52 42 42.1	5.91		H	129.823 546 49	+52.711 699 28		8.21	−29.26	−31.38	0.71	0.52	0.80	0.82	0.55	−6	+27	−2	+28	+28	−27	+50	−30	−8	+49	0	1.37
42453		08 39 18.91	−39 47 57.4	7.28		H	129.828 774 17	−39.799 272 79		7.42	−7.67	−25.70	0.44	0.51	0.64	0.52	0.56	+7	+6	+20	−1	+4	+6	+3	−5	−6	−5	0	−0.26
42454		08 39 19.19	+58 15 42.9	8.83		H	129.829 942 47	+58.261 916 42		1.40	0.09	2.20	0.93	0.81	1.21	1.17	0.99	−1	+16	−15	−20	−14	+12	−10	−14	+20	+20	0	−1.46
42455		08 39 22.21	−36 36 24.5	6.12		H	129.842 555 38	−36.606 818 85	+	24.86	−165.53	54.98	0.56	0.75	0.55	1.01	1.04	+67	−11	−10	−68	−78	+15	−67	−77	+8	+82	2	1.01
42456		08 39 23.24	−28 22 39.7	8.17		H	129.846 817 22	−28.377 695 99		6.36	−35.20	20.79	0.51	0.59	0.83	0.58	0.69	−8	−3	−6	+10	−4	+4	−4	+12	+1	−24	1	−0.79
42457	H	08 39 23.47	−09 34 39.7	8.68	2	H	129.847 788 02	−09.577 686 23	A	4.86	−20.55	1.76	1.68	1.29	1.76	1.73	1.22	−35	+12	+7	−8	−19	−16	−21	+8	+9	−42	1	0.02
42458		08 39 23.62	−63 33 05.1	9.53		H	129.848 435 04	−63.551 419 88		1.93	0.35	−3.44	0.82	0.72	0.88	0.83	0.80	−10	+15	+0	−31	−14	−24	−6	+3	+7	−40	0	0.23
*42459		08 39 23.87	−53 26 23.4	5.45		H	129.849 445 12	−53.439 824 62		7.23	−23.97	23.51	0.39	0.41	0.45	0.50	0.46	+24	+10	+1	+5	−8	+4	−6	−22	+11	+27	0	0.08
*42460		08 39 23.85	−77 03 19.1	9.39		H	129.849 378 91	−77.055 296 30		4.88	−15.27	28.35	0.82	0.82	0.88	0.91	0.77	+13	+8	+26	+7	−17	+3	−17	−9	+6	+0	0	−0.74
42461		08 39 24.22	−04 51 37.4	7.97		H	129.850 908 40	−04.860 386 60		2.80	−2.76	−6.40	0.78	0.64	1.04	0.93	0.75	−14	+16	−34	−19	−8	−33	−22	+41	−12	−10	0	0.68
42462		08 39 24.57	+08 01 03.6	6.46		H	129.852 389 15	+08.017 670 28		5.92	−29.71	−28.74	0.86	0.52	0.93	1.08	0.69	−6	+33	−20	−9	+16	−14	+9	+19	−13	+2	0	0.93
42463		08 39 25.11	−75 43 16.0	8.50		H	129.854 633 52	−75.721 120 98		2.65	−21.18	2.87	0.67	0.60	0.70	0.76	0.67	−2	+26	+4	+3	−3	+0	+2	−20	+16	−1	1	0.92
42464		08 39 26.13	−04 01 44.2	7.86		H	129.858 874 37	−04.028 951 04		3.37	−9.67	−0.51	0.91	0.67	1.09	1.29	0.84	−11	+19	−27	−4	−10	+3	−10	+41	+6	+1	0	1.29
42465		08 39 27.32	+35 31 11.2	7.37		G	129.863 847 84	+35.519 777 90		5.22	6.00	0.85	0.72	0.47	0.90	0.90	0.64	−35	+9	+3	−14	−12	−11	−8	+0	−1	−68	1	−0.81
42466		08 39 28.93	−18 16 02.3	7.11		H	129.870 554 46	−18.267 312 38		11.71	−97.53	−65.10	0.82	0.54	0.95	0.93	0.65	−19	+29	−6	−4	−9	−16	−24	+14	−23	−7	0	0.61
42467		08 39 29.07	+47 48 01.3	10.44		H	129.871 140 47	+47.800 349 94		1.64	−25.26	−35.49	1.68	1.25	1.95	2.61	1.70	−13	+27	−20	+23	+13	+21	+23	−5	+4	+24	0	−0.11
42468		08 39 29.75	+44 17 30.5	8.37		H	129.873 971 69	+44.291 807 36		3.03	−6.50	7.96	1.09	0.76	1.18	1.64	1.17	−11	+18	−8	+27	−1	+9	+1	+33	+9	+0	0	2.59
42469		08 39 29.77	−21 55 33.4	8.09	2	H	129.874 055 88	−21.925 956 01		1.24	2.43	2.35	0.82	0.66	1.06	0.89	0.70	−16	+10	−8	+22	−7	−4	−6	+27	+11	−26	0	0.15
42470		08 39 30.38	+35 38 49.0	10.10		H	129.876 588 27	+35.646 953 75		0.52	−6.64	−8.58	1.26	0.80	1.54	1.43	1.05	−35	+20	−18	−15	−14	−8	−12	+7	−4	−63	0	−1.52
42471		08 39 31.52	+17 28 41.8	8.18		H	129.881 325 68	+17.478 265 78		10.30	−19.50	−26.32	0.99	0.58	1.08	1.19	0.84	−12	+12	−14	−24	+8	−18	+6	+21	−23	−12	2	−0.30
42472		08 39 31.87	+32 30 56.4	6.71		H	129.882 789 37	+32.515 658 01		2.83	−10.93	−17.49	0.77	0.50	0.84	0.96	0.68	−23	+29	−22	+13	−6	−19	−10	+28	+1	−21	0	1.16
42473		08 39 32.59	−00 32 12.9	9.83		H	129.885 806 54	−00.536 918 43		3.13	−9.47	−0.27	1.31	1.03	1.70	1.68	1.42	−27	+17	−31	−6	+5	−36	−2	+34	−10	−33	0	1.36
42474		08 39 33.50	−30 35 36.6	8.40		H	129.889 577 27	−30.593 487 34		3.77	−7.61	4.58	0.45	0.58	0.87	0.49	0.61	+31	−6	−3	+8	+6	+8	+6	−14	+4	+36	0	−0.43
42475		08 39 34.48	+38 34 49.2	9.05		H	129.893 659 31	+38.580 326 59		6.44	−2.76	6.89	1.15	0.68	1.24	1.15	0.77	−11	+19	−17	−31	−18	−1	−15	−2	−11	−33	0	−0.55
42476		08 39 34.75	+68 28 40.5	9.25		H	129.894 797 94	+68.477 919 45		2.63	−22.91	−24.76	0.69	0.79	1.25	0.74	0.95	+25	+30	−2	−2	−7	+7	−9	+6	−4	+33	0	−0.16
42477		08 39 36.70	−42 29 12.7	8.40		H	129.902 912 39	−42.486 860 73		3.40	−13.17	8.57	0.57	0.60	0.73	0.71	0.72	−5	+0	+0	+10	+2	+8	+0	−4	+0	−15	0	0.59
42478		08 39 36.86	−61 50 28.4	12.08		H	129.903 579 64	−61.841 216 53		1.54	−11.77	24.04	2.11	1.89	2.20	1.97	1.92	+1	+0	−5	−20	−23	−1	−21	−1	+8	−22	3	−0.82
42479		08 39 37.14	+24 37 13.5	8.91		H	129.904 735 58	+24.620 411 04		10.98	−23.06	10.89	1.16	0.72	1.38	1.58	0.88	−10	+11	−34	+10	+12	−44	−2	+22	+2	−14	0	0.82
42480		08 39 39.63	+16 08 29.9	7.60		H	129.915 108 73	+16.141 628 41		1.39	−23.93	−31.08	1.06	0.64	1.34	1.38	0.88	−14	+10	−47	−40	+12	−33	−10	+41	−45	+7	0	1.02
42481		08 39 40.64	−49 17 16.3	8.46		H	129.919 331 53	−49.287 874 83		4.47	−22.53	33.67	0.70	0.60	0.74	0.81	0.72	−7	+4	+3	−30	+10	−1	+16	−7	+6	−30	0	0.59
42482		08 39 40.89	−29 04 57.4	6.94		H	129.920 387 89	−29.082 606 59		6.18	17.91	−27.39	0.40	0.45	0.64	0.43	0.50	+5	−11	−13	+3	−2	+7	−2	−1	+0	−13	0	1.91
42483		08 39 42.49	−29 33 39.1	4.86		H	129.927 044 75	−29.560 861 89		13.83	−25.41	−91.25	0.31	0.37	0.52	0.35	0.41	+7	−2	−11	+14	−4	+5	−7	−11	−1	−9	0	1.24
42484		08 39 42.64	+73 37 47.7	6.16		H	129.927 654 34	+73.629 918 82		9.18	−13.45	−99.01	0.43	0.42	0.60	0.57	0.50	+16	+12	−21	+1	−17	+21	−12	−10	+4	+26	0	−0.49
42485		08 39 42.68	+19 46 42.5	6.65	1	H	129.927 822 04	+19.778 485 35		6.14	−36.27	−12.26	0.91	0.55	0.96	1.05	0.75	−13	+24	−20	−25	+2	−19	−2	+24	−12	−13	0	0.21
42486		08 39 42.84	−10 28 37.2	8.29		H	129.928 517 74	−10.477 001 04		2.64	−17.93	4.05	0.87	0.63	1.04	1.17	0.76	−10	+24	−7	+0	−24	−5	−19	+7	+3	−28	0	0.26
42487		08 39 42.96	+18 33 10.5	8.91	2	H	129.929 012 60	+18.552 915 55		4.06	−10.99	0.38	1.27	0.79	1.46	1.43	1.04	−30	+29	−39	−32	+13	−24	−2	+26	−25	−17	2	−0.22
42488		08 39 43.70	+05 45 54.0	7.26		G	129.932 068 75	+05.764 999 58	A	27.99	183.27	−293.73	2.12	1.37	1.88	2.22	1.51	−27	+40	−19	+20	+12	−6	+10	+43	−6	−27	6	0.34
42489		08 39 43.75	−09 35 12.8	7.78	2	H	129.932 283 99	−09.586 899 64		3.14	13.41	−20.24	0.79	0.58	0.93	0.95	0.66	−7	+6	+7	−17	−29	−16	−19	+10	+6	−38	0	−1.11
42490		08 39 44.19	−62 31 39.0	7.95		H	129.934 123 91	−62.527 490 53		3.48	2.53	−9.41	0.62	0.53	0.67	0.60	0.56	−11	+16	+7	−26	−14	−25	−10	−2	+1	−36	1	−0.19
42491		08 39 44.58	+05 46 16.6	8.41		G	129.935 755 04	+05.771 266 62	B	26.98	167.70	−300.58	8.98	5.63	6.16	6.62	4.99	−32	+41	−8	+3	+6	−4	+11	+38	+2	−34	6	0.34
42492		08 39 45.76	−43 51 39.2	10.16	3	H	129.940 669 46	−43.860 892 34		0.40	−5.76	5.97	0.95	0.89	1.13	1.13	0.99	−5	+3	+0	−15	+8	+2	+8	−15	+7	−11	0	0.01
42493		08 39 46.12	+03 32 41.9	8.09		H	129.942 173 19	+03.544 975 53		3.80	−2.31	−13.15	0.87	0.61	1.15	1.17	0.74	−14	+28	−37	+11	+27	−36	+12	+40	−12	+0	2	0.36
42494		08 39 46.76	−18 26 37.1	8.74		H	129.944 835 58	−18.443 640 74		0.05	−6.52	3.27	0.82	0.69	1.06	1.12	0.71	−9	+13	−3	+7	−10	−5	−8	−6	−4	−12	0	−0.93
42495		08 39 50.12	−34 00 35.2	7.09		H	129.958 842 13	−34.009 767 59		2.89	−1.51	−17.99	0.45	0.48	0.65	0.52	0.51	+7	+4	−2	−7	+10	+0	+9	−9	+0	+7	0	−1.34
*42496	H	08 39 50.85	−66 04 16.7	9.73		H	129.961 883 39	−66.071 313 01	*	15.99	91.96	−37.52	2.88	3.01	1.37	1.49	1.44	−2	−13	+8	−6	−8	+20	−3	+1	−14	−25	1	−0.30
*42497	H	08 39 50.74	+19 32 27.0	6.59		G	129.961 401 84	+19.540 844 79	A	4.50	−33.71	−11.06	1.98	1.28	1.72	1.74	1.26	−25	+58	−25	−34	+7	−25	−5	+15	−10	−23	16	0.68
42498		08 39 50.85	+41 21 57.6	7.95		H	129.961 889 20	+41.366 012 10		2.35	−19.04	−5.00	0.96	0.63	1.07	1.25	0.84	−22	+26	−11	+6	−12	−11	−12	+12	+1	−34	0	−0.07
42499		08 39 50.86	+11 31 26.0	7.61		H	129.961 903 55	+11.523 887 49		53.98	−109.35	−499.89	0.91	0.56	1.04	1.15	0.75	−9	+32	−27	−16	+12	−36	−4	+30	−24	+7	2	0.76
42500		08 39 51.27	−39 46 15.9	8.45		H	129.963 630 42	−39.771 089 34		1.56	−24.93	5.07	0.56	0.62	0.79	0.60	0.65	−2	+14	+12	−4	+3	+9	+3	+3	+3	−8	0	−0.87

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
42401	11.217	0.083	9.758	0.035		1.112	0.001	G	1.21	0.01	A	9.8047	0.0027	0.023	81		9.76	9.85				1							
42402	6.024	0.004	4.582	0.003		1.216	0.004	T	1.12	0.02	A	4.6208	0.0004	0.004	81		4.62	4.63		C		1							S
42403	7.560	0.007	6.950	0.006		0.547	0.011	G	0.62	0.01	H	7.0097	0.0010	0.006	71		7.00	7.03				1							S
42404	10.210	0.036	8.860	0.021		1.150	0.015	G	1.11	0.01	H	8.8921	0.0019	0.015	72		8.86	8.93		C		1							
42405	9.945	0.025	9.406	0.023		0.505	0.030	T	0.58	0.03	L	9.5082	0.0030	0.024	105		9.47	9.54				1							
42406	8.754	0.010	7.692	0.007	*	0.921	0.009	T	0.92	0.01	L *	7.7341	0.0014	0.016	179	*	7.71	7.76		D	08388−3352	I 1	2 C A	AB	346	0.536	0.003	0.64	0.01	
42407	9.318	0.020	8.908	0.020	A	0.403	0.015	G	0.47	0.02	H	8.8645	0.0262	0.081	106	A	8.73	9.00		U 2	08388−7221	I 1	2 C C	AB	300	10.656	0.080	3.44	0.61	
42408	9.038	0.015	8.274	0.012		0.698	0.015	G	0.75	0.01	H	8.3330	0.0021	0.013	75		8.31	8.36				1 G							S
42409	9.924	0.025	8.672	0.015		1.068	0.023	T	1.03	0.02	L	8.7274	0.0011	0.012	91		8.70	8.75		C		1							
42410	8.338	0.005	8.300	0.006		0.040	0.007	T	0.06	0.01	L	8.3232	0.0016	0.020	271		8.29	8.36		U		1							
42411	10.396	0.040	8.403	0.014		1.688	0.035	T	1.89	0.09	O	8.3080	0.0023	0.017	78		8.28	8.34		U		1							
42412	7.241	0.009	7.175	0.010		0.066	0.013	T	0.08	0.01	L	7.1948	0.0008	0.007	84		7.18	7.21			08389−0651	I 1	1						S
42413	9.897	0.021	9.367	0.021		0.506	0.022	T	0.58	0.02	L	9.4617	0.0017	0.018	113		9.43	9.49		C			1						
42414	8.849	0.012	8.374	0.012		0.435	0.015	G	0.50	0.02	H	8.4294	0.0014	0.015	110		8.41	8.45		C			1						
42415	8.056	0.009	6.484	0.004		1.319	0.008	T	1.28	0.01	L	6.4891	0.0008	0.009	113		6.47	6.50					1						S
42416	9.879	0.023	8.547	0.013		1.130	0.021	T	1.09	0.02	L	8.5909	0.0013	0.012	115		8.57	8.62		C			1						
42417	9.891	0.017	8.628	0.010		1.076	0.015	T	1.04	0.01	L	8.6760	0.0014	0.015	164		8.65	8.70		C			1						
42418	9.068	0.014	8.024	0.010		0.897	0.013	T	0.90	0.01	L	8.0421	0.0010	0.010	98		8.03	8.06		C			1						
42419	8.240	0.009	8.092	0.010		0.135	0.013	T	0.15	0.01	L	8.1109	0.0013	0.012	112		8.09	8.13		C			1						S
42420	9.795	0.020	8.450	0.012		1.140	0.018	T	1.10	0.02	L	8.4644	0.0015	0.018	172		8.43	8.49					1						
42421	8.173	0.009	8.039	0.011		0.129	0.013	T	0.14	0.01	L	8.0669	0.0016	0.012	86		8.04	8.09		C			1						S
42422	11.616	0.110	10.260	0.053		1.149	0.096	T	1.11	0.09	L	10.2343	0.0028	0.027	79		10.17	10.27		C			1						G
42423	9.740	0.027	8.430	0.016		1.113	0.025	T	1.08	0.03	L	8.4944	0.0021	0.011	68		8.48	8.51		C			1						
42424	7.964	0.009	7.505	0.009	*	0.441	0.015	G	0.51	0.02	H *	7.4985	0.0009	0.009	114	*	7.48	7.51		D	08391−5557	I 1	2 C A	AB	29	0.830	0.003	1.22	0.01	S
42425	5.204	0.003	5.190	0.003		0.013	0.004	T	0.03	0.00	L	5.1990	0.0006	0.005	120		5.19	5.21		C	08391−7023	I 1	1						S
42426	10.184	0.033	8.559	0.015		1.360	0.029	T	1.33	0.03	L	8.5471	0.0016	0.012	78		8.53	8.57					1						
42427	11.596	0.081	9.636	0.023		1.626	0.067	T	1.65	0.07	L	9.6261	0.0024	0.019	110		9.59	9.66					1						
42428	9.797	0.024	8.682	0.016		0.953	0.023	T	0.94	0.02	L	8.7659	0.0020	0.015	76		8.74	8.79					1						
42429	9.657	0.023	8.525	0.015		0.974	0.021	T	0.96	0.02	L	8.6261	0.0021	0.017	80		8.60	8.65		C			1						S
42430	5.998	0.010	5.172	0.011	A	0.720	0.020	G	0.73	0.02	A *	5.1865	0.0005	0.006	122	*	5.18	5.20		D	08391−2240	I 1	2 C A	AB	28	1.067	0.004	1.46	0.01	S
42431	10.118	0.020	9.486	0.018	*	0.587	0.023	T	0.66	0.02	L *	9.3360	0.0023	0.025	184	*	9.29	9.38		D	08391−3243	I 1	2 C A	AB	319	0.956	0.005	0.06	0.02	
42432	10.460	0.042	9.143	0.023		1.118	0.037	T	1.08	0.04	L	9.0933	0.0518	0.247	65		8.88	9.67	21.64	P 1 A			1 S							P
42433	7.663	0.007	7.303	0.006	*	0.393	0.006	G	0.46	0.01	H *	7.2870	0.0012	0.016	149	*	7.26	7.35	1.46	P 1 A	08392−4025	I 1	2 C A	AB	255	0.656	0.003	1.20	0.02	S
42434	6.513	0.004	6.475	0.004		0.035	0.005	T	0.05	0.00	L	6.4926	0.0007	0.007	141		6.48	6.50		C			1							S
42435	7.767	0.007	7.757	0.009	*	0.010	0.010	T	0.03	0.01	L *	7.7472	0.0012	0.011	86	*	7.73	7.77		D	08392−1602	I 1	2 C A	AB	305	0.417	0.004	1.07	0.02	S
42436	11.306	0.117	10.365	0.075		0.560	0.020	G	0.63	0.02	R	10.3625	0.0029	0.025	59		10.33	10.40		C			1							G
42437	9.383	0.011	8.118	0.007		1.078	0.010	T	1.04	0.01	L	8.1742	0.0012	0.017	217		8.15	8.20		C			1						S
42438	6.389	0.004	5.706	0.003		0.618	0.003	G	0.66	0.03	C	5.7592	0.0010	0.009	123		5.74	5.78		M			1						S
42439	10.134	0.037	8.205	0.014	*	0.800	0.490	G	1.38	0.06	L *	8.0735	0.0029	0.029	81	*	8.03	8.12		U 2	08392+0734	H 1	2 C S A	AB	3	0.105	0.009	0.69	1.01	
42440	6.444	0.015	6.476	0.016	A	−0.002	0.002	G	0.02	0.00	H *	6.3485	0.0007	0.006	120	*	6.34	6.36		D	08392−6019	I 1	2 C A	AB	203	1.169	0.003	0.81	0.01	S
42441	9.083	0.011	7.103	0.005		1.678	0.010	T	1.97	0.03	O	6.9941	0.0021	0.019	152		6.97	7.03		U 2			1						S
42442	6.827	0.004	6.954	0.006		−0.122	0.002	G	−0.11	0.00	H	6.9473	0.0009	0.009	113		6.93	6.96					1						S
42443	10.447	0.042	9.284	0.025		0.998	0.038	T	0.98	0.03	L	9.3912	0.0013	0.013	80		9.37	9.42		D			1						
42444	6.691	0.006	6.656	0.005		0.032	0.007	T	0.05	0.01	L	6.6695	0.0009	0.007	91		6.66	6.68		C			1						S
42445	10.609	0.040	9.962	0.035		0.600	0.046	T	0.67	0.04	L	10.0231	0.0026	0.024	105		9.97	10.06					1						
42446	9.460	0.022	8.343	0.015		0.962	0.021	T	0.95	0.02	L	8.3904	0.0013	0.011	76		8.37	8.41		C			1						S
42447	9.698	0.022	8.500	0.014		1.025	0.020	T	1.00	0.02	L	8.5338	0.0017	0.015	78		8.51	8.56		C			1						
42448	9.774	0.021	9.712	0.027		0.056	0.031	T	0.07	0.02	L	9.7087	0.0028	0.021	106		9.67	9.74					1						G
42449	11.171	0.067	10.415	0.053		0.690	0.067	T	0.75	0.06	L	10.5644	0.0048	0.039	91		10.51	10.62		C			1						G
42450	8.744	0.012	8.501	0.013		0.220	0.006	G	0.24	0.01	H	8.5385	0.0013	0.015	107		8.51	8.56					1						G
42451	9.867	0.026	9.303	0.023		0.528	0.031	T	0.60	0.03	L	9.3367	0.0026	0.017	86		9.31	9.37		C			1						
42452	7.427	0.006	6.041	0.004		1.167	0.005	G	1.13	0.01	H	6.0756	0.0006	0.006	106		6.06	6.09					1						S
42453	7.476	0.005	7.301	0.006		0.160	0.007	T	0.18	0.01	L	7.3362	0.0010	0.010	149		7.32	7.35		C			1 G						S
42454	10.879	0.049	8.983	0.017		1.575	0.041	T	1.59	0.04	L	8.9499	0.0027	0.021	106		8.92	8.99					1						
42455	6.614	0.004	6.163	0.003		0.426	0.006	G	0.49	0.01	H	6.2143	0.0006	0.006	144		6.20	6.23			08394−3636	I 1	1 O						S
42456	8.538	0.008	8.190	0.008		0.337	0.010	T	0.39	0.01	L	8.2473	0.0015	0.017	177		8.22	8.27			08394−2823	I 1	1						S
42457	8.899	0.013	8.723	0.016	A	0.100	0.495	G	0.10	0.05	L *	8.7145	0.0018	0.016	93	*	8.69	8.75		U 2	08394−0935	I 1	2 C A	AB	172	1.187	0.021	2.25	0.07	S
42458	9.961	0.023	9.546	0.023		0.406	0.027	T	0.47	0.03	L	9.6248	0.0020	0.024	118		9.59	9.67		C			1						
42459	5.270	0.003	5.423	0.003		−0.132	0.004	T	−0.12	0.01	L	5.4099	0.0008	0.008	126		5.40	5.42					1						S
42460	9.951	0.023	9.465	0.023		0.469	0.025	T	0.54	0.03	L	9.4941	0.0020	0.018	111		9.46	9.53					1						
42461	9.779	0.020	8.118	0.010		1.389	0.018	T	1.36	0.02	L	8.1102	0.0016	0.011	84		8.09	8.13		C			1						
42462	7.856	0.011	6.570	0.007		1.080	0.000	G	0.95	0.04	E	6.6244	0.0009	0.006	68		6.61	6.63					1						S
42463	9.851	0.019	8.598	0.012		1.068	0.018	T	1.03	0.01	L	8.6639	0.0015	0.013	113		8.64	8.69		C			1						
42464	9.138	0.018	7.965	0.012		1.006	0.017	T	0.98	0.01	L	8.0275	0.0011	0.009	71		8.02	8.05					1 S						
42465	7.442	0.005	7.373	0.006		0.065	0.004	G	0.07	0.00	H	7.4002	0.0013	0.011	145		7.38	7.42		C			1						S
42466	7.488	0.007	7.135	0.008		0.343	0.009	T	0.40	0.01	L	7.1911	0.0012	0.008	80		7.18	7.20					1 G						S
42467	10.928	0.064	10.530	0.068		0.564	0.072	G	0.64	0.07	R	10.5663	0.0032	0.026	61		10.51	10.61					1						G
42468	10.513	0.040	8.540	0.014		1.636	0.034	T	1.66	0.04	L	8.4799	0.0017	0.017	78		8.45	8.51		D			1						
42469	10.211	0.027	8.283	0.011		1.600	0.023	T	1.62	0.02	L	8.2057	0.0024	0.022	115		8.17	8.25		U 2			1						P
42470	11.497	0.069	10.273	0.037		1.046	0.061	T	1.02	0.05	L	10.2721	0.0023	0.025	132		10.23	10.31		C			1						
42471	8.787	0.014	8.244	0.013		0.509	0.017	T	0.58	0.02	L	8.2892	0.0017	0.010	70		8.27	8.31					1						S
42472	8.605	0.012	6.863	0.006		1.453	0.011	T	1.46	0.02	L	6.8458	0.0013	0.010	85		6.83	6.86					1						S
42473	11.055	0.065	9.919	0.040		0.977	0.059	T	0.96	0.05	L	9.9967	0.0028	0.024	80		9.96	10.04		C			1						
42474	10.070	0.015	8.519	0.007		1.302	0.013	T	1.26	0.01	L	8.5584	0.0013	0.020	306		8.52	8.59					1						
42475	9.400	0.017	9.073	0.018		0.310	0.023	T	0.36	0.03	L	9.1313	0.0022	0.020	109		9.09	9.16		C			1						
42476	9.606	0.015	9.273	0.016		0.328	0.015	G	0.38	0.02	H	9.3257	0.0021	0.024	213		9.28	9.37					1						
42477	8.322	0.009	8.389	0.011		−0.052	0.003	G	−0.03	0.00	H	8.3895	0.0016	0.013	123		8.37	8.42					1						
42478											T	12.1935	0.0107	0.076	92		11.97	12.32					1						G
42479	9.668	0.024	8.961	0.020		0.651	0.025	T	0.71	0.02	L	9.0425	0.0023	0.017	71		9.01	9.08		C			1						
42480	9.096	0.020	7.724	0.012		1.161	0.018	T	1.12	0.02	L	7.7701	0.0009	0.007	60		7.75	7.78		D			1						S
42481	10.012	0.026	8.602	0.014		1.191	0.023	T	1.15	0.02	L	8.6265	0.0014	0.013	105		8.60	8.66					1						
42482	8.389	0.008	7.072	0.004		1.118	0.007	T	1.08	0.01	L	7.1054	0.0009	0.010	180		7.09	7.12					1						S
42483	6.008	0.003	4.979	0.002		0.900	0.015	G	0.99	0.04	E	5.0306	0.0005	0.006	181		5.02	5.04			08397−2934	I 1	1						S
42484	7.449	0.005	6.266	0.003		1.017	0.005	G	0.99	0.00	H	6.3228	0.0006	0.007	165		6.31	6.34					1						S
42485	6.945	0.010	6.686	0.008		0.248	0.010	G	0.30	0.03	C	6.7224	0.0030	0.021	72		6.69	6.76	0.10	P 1 A			1						S P
42486	9.348	0.020	8.382	0.015		0.849	0.019	T	0.86	0.01	L	8.4418	0.0012	0.012	82		8.42	8.48					1						
42487	9.112	0.019	8.942	0.023		0.163	0.028	T	0.18	0.03	L	8.9669	0.0020	0.018	64		8.88	9.00		U 2			1						S
42488	7.955	0.009	7.312	0.009	A	0.610	0.010	G	0.68	0.01	H	7.3770	0.0082	0.011	88	A	7.36	7.39		D	08397+0546	I 2	1 C P D						S D
42489	9.662	0.021	8.018	0.010		1.401	0.019	T	3.88	0.05	O	7.3071	0.0168	0.188	89		7.03	7.56		U 2 C			1 S						
42490	9.423	0.016	8.089	0.010		1.132	0.015	T	1.10	0.02	L	8.1184	0.0013	0.014	113		8.10	8.14					1						
42491	9.420	0.027	8.472	0.020	B	0.810	0.020	G	0.84	0.01	H	8.5739	0.0188			B				D	08397+0546	I 2	1 C I D							D
42492	11.332	0.065	10.218	0.037		0.960	0.058	T	0.95	0.05	L	10.3222	0.0351	0.241	118		9.93	10.57	3.13	P 1 A			1						G
42493	9.594	0.032	8.233	0.019		1.153	0.029	T	1.12	0.03	L	8.2593	0.0008	0.009	80		8.24	8.27		C			1						
42494	8.644	0.011	8.692	0.015		−0.039	0.017	T	−0.02	0.02	L	8.7323	0.0013	0.012	82		8.71	8.76		D			1						
42495	8.871	0.010	7.233	0.005		1.371	0.009	T	1.34	0.01	L	7.2367	0.0012	0.012	167		7.22	7.26					1						S
42496	10.915	0.049	9.836	0.030	*	0.924	0.045	T	0.97	0.05	L *	9.8757	0.0025	0.022	113	*	9.83	9.91		D	08398−6604	H 1	2 C B	AB	36	0.225	0.045	1.76	0.54	G
42497	7.788	0.013	6.701	0.009	*	0.956	0.007	G	0.95	0.03	G *	6.7559	0.0013	0.011	77	*	6.74	6.78		D	08399+1933	I 1	2 C B	AE	226	0.492	0.027	3.05	0.15	S
42498	9.622	0.018	8.086	0.010		1.290	0.016	T	1.25	0.02	L	8.1120	0.0016	0.014	94		8.09	8.13		C			1						S
42499	8.673	0.012	7.707	0.009		0.832	0.008	G	0.87	0.01	H	7.7492	0.0011	0.008	75		7.74	7.77		C	08398+1132	I 1	1						S
42500	9.683	0.017	8.547	0.011		0.977	0.016	T	0.96	0.01	L	8.6172	0.0016	0.019	153		8.59	8.65					1						

Number HIP	Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag		Position: epoch J1991.25 α (ICRS) deg	δ deg	Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ	Standard Errors α* mas	δ	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ	Astrometric Correlations (%)	Soln F1 %	F2
1 2	3	4	5	6 7	8	9 10	11	12	13	14	15	16	17	18	19 20 21 22 23 24 25 26 27 28	29	30
42501	08 39 52.64	−24 44 03.3	8.14	H	129.969 334 53	−24.734 258 38	2.89	−8.30	3.45	0.62	0.66	0.91	0.61	0.67	−19 − 3 + 1 +35 − 9 +14 −12 +16 − 2 −30	0	−0.28
42502	08 39 53.54	−17 18 09.4	6.59	3 H	129.973 089 84	−17.302 607 36	5.12	0.65	−152.53	0.73	0.56	0.92	0.92	0.57	− 9 + 8 + 4 − 7 −28 − 8 −19 + 7 +16 −28	0	0.46
42503	08 39 56.37	+32 43 38.5	6.70	H	129.984 880 98	+32.727 351 50	6.47	−24.14	−34.03	0.76	0.47	0.82	1.01	0.66	−14 +19 −13 +13 − 5 −28 − 7 +28 + 4 −16	0	0.23
42504	08 39 57.62	−53 03 17.2	5.18	1 G	129.990 093 97	−53.054 781 81	7.61	−25.81	21.49	0.41	0.39	0.46	0.54	0.43	+16 + 3 + 3 + 6 − 6 + 5 − 5 −18 + 9 +17	0	0.63
42505	08 39 59.19	−59 32 48.9	6.78	H	129.996 617 33	−59.546 920 84	3.14	−9.37	3.25	0.46	0.41	0.48	0.51	0.42	+ 4 + 6 +13 +10 − 3 +11 − 5 − 6 + 2 − 7	1	2.02
42506	08 39 59.99	+75 46 28.8	9.20	H	129.999 973 18	+75.774 658 27	8.61	−25.86	−59.32	0.71	0.77	1.01	0.79	0.87	+19 +14 −12 + 3 +11 −10 + 8 +16 + 3 +40	0	−0.79
42507	08 40 00.20	−06 28 31.8	9.90	G	130.000 832 40	−06.475 494 99	32.63	116.59	−145.34	1.56	1.00	1.76	2.14	1.30	+ 3 +23 −13 − 1 +10 +13 +12 +23 − 7 − 5	0	0.79
42508	08 40 00.84	−41 06 44.7	8.23	H	130.003 512 55	−41.112 422 41	5.66	−5.91	−24.62	0.57	0.63	0.79	0.62	0.69	+ 2 + 7 +23 +19 − 4 +10 − 8 + 8 + 1 −12	0	0.08
42509	08 40 01.52	−12 28 31.3	4.98	G	130.006 330 68	−12.475 374 41	7.78	−79.88	0.93	0.67	0.47	0.82	0.81	0.52	−12 +29 −18 + 8 −23 −14 −23 +25 − 3 −17	2	1.19
42510	08 40 02.71	−34 01 11.4	7.59	G	130.011 300 97	−34.019 842 29	3.04	−30.98	16.37	0.49	0.50	0.70	0.53	0.52	+ 6 + 5 − 3 − 6 + 8 − 3 + 7 − 5 − 5 + 2	2	0.61
42511	08 40 03.04	−53 51 06.3	7.34	H	130.012 656 95	−53.851 754 49	9.39	−8.79	−13.00	0.48	0.50	0.55	0.60	0.54	+14 − 1 − 5 − 6 − 8 − 3 − 8 −27 +15 +13	0	−0.55
42512	08 40 03.14	−58 23 49.7	8.86	H	130.013 086 10	−58.397 148 57	2.12	−20.21	22.97	0.69	0.65	0.75	0.83	0.72	− 4 + 5 + 4 − 4 + 6 − 4 + 6 −10 +16 − 3	0	0.73
42513	08 40 03.91	−23 12 30.4	7.96	H	130.016 297 24	−23.208 448 74	5.47	−5.91	8.39	0.62	0.62	1.03	0.79	0.60	−18 +12 +11 +23 −10 −11 − 8 +14 + 6 −24	0	0.26
42514	08 40 05.93	+29 16 59.4	8.76	H	130.024 720 59	+29.283 167 12	2.75	4.06	0.48	1.10	0.63	1.24	1.28	0.90	−12 +10 − 4 −21 + 4 −16 + 6 + 3 −19 −28	0	−0.56
42515	08 40 06.14	−35 18 29.9	3.97	H	130.025 568 94	−35.308 300 91	8.40	9.68	−21.18	0.36	0.40	0.55	0.39	0.42	+13 −11 + 1 + 1 + 1 +20 + 1 −22 + 7 +18	0	−0.49
42516	08 40 06.44	+20 00 28.1	6.39	G	130.026 834 55	+20.007 816 45	5.55	−35.02	−11.77	0.86	0.52	0.89	1.04	0.71	− 6 +15 −14 −20 + 3 −19 + 0 +24 − 8 − 6	0	2.24
42517	08 40 07.38	−32 16 25.0	8.28	H	130.030 746 30	−32.273 608 00	2.96	−20.01	13.94	0.55	0.60	0.89	0.60	0.64	+24 + 5 + 8 +13 +16 + 5 +17 − 3 + 2 +32	0	−0.23
42518	08 40 07.73	+21 03 46.0	9.34	H	130.032 213 81	+21.062 767 54	6.19	−35.89	−14.88	1.11	0.65	1.21	1.36	0.88	+ 0 + 3 −19 −20 + 1 −36 − 3 +29 −12 − 5	0	0.22
42519	08 40 08.36	−51 56 29.7	7.46	1 H	130.034 848 39	−51.941 583 07	3.38	−14.15	9.79	0.50	0.49	0.58	0.60	0.54	+ 2 +21 + 6 + 6 − 3 + 2 − 1 − 5 + 6 + 5	0	−0.15
42520	08 40 09.57	−67 31 49.7	8.15	H	130.039 884 70	−67.530 474 32	2.92	−10.35	11.57	0.60	0.52	0.62	0.75	0.56	+ 4 +22 +10 + 2 + 2 −18 + 3 − 9 + 7 −13	0	−0.60
42521	08 40 10.39	−45 36 56.9	8.64	H	130.043 287 71	−45.615 816 60	0.69	−15.48	15.26	0.71	0.60	0.80	0.90	0.68	+ 9 +10 −13 −28 + 4 − 7 + 5 −23 +28 + 4	0	−0.48
42522	08 40 10.56	−13 52 09.3	8.23	H	130.043 984 83	−13.869 262 31	3.09	−17.95	−2.31	0.72	0.61	0.96	0.84	0.65	−19 +17 − 4 −18 − 9 −12 − 6 − 3 + 1 −33	0	−2.07
42523	08 40 11.47	+19 58 16.2	6.61	G	130.047 810 07	+19.971 167 68	5.72	−34.84	−14.92	0.81	0.49	0.84	0.97	0.65	− 7 +16 −16 −21 + 2 −22 − 1 +28 − 6 − 7	0	2.32
42524	08 40 11.91	−28 24 52.4	8.21	H	130.049 612 14	−28.414 542 52	2.93	−14.27	1.64	0.53	0.59	0.84	0.58	0.67	− 2 −14 − 5 + 8 − 6 + 7 − 7 + 4 + 5 −17	0	−0.70
42525 T	08 40 11.97	+41 17 07.9	9.95	H	130.049 857 20	+41.285 515 65	44.31	−27.92	−45.57	25.14	17.43	27.44	29.58	22.83	−30 +28 −23 −23 − 2 − 3 − 4 − 8 − 5 −37	0	
42526 H	08 40 12.51	−48 26 46.2	7.71	G	130.052 127 64	−48.446 161 66 A	4.20	−8.77	6.05	0.89	0.87	0.93	1.07	1.02	−13 + 1 + 2 + 0 − 3 −13 − 3 − 8 +11 −30	3	0.05
42527	08 40 12.90	+64 19 40.3	4.59	H	130.053 744 29	+64.327 871 75	12.92	−59.42	26.44	0.50	0.46	0.71	0.54	0.52	+ 3 +19 −10 +11 −24 + 3 −25 + 0 −12 +17	1	−1.00
42528	08 40 13.35	+06 33 55.9	6.60	H	130.055 604 67	+06.565 533 92	12.32	−14.80	42.08	0.74	0.51	0.97	0.97	0.72	−23 +25 −31 +17 +12 − 3 + 5 +46 −30 −21	0	0.26
42529	08 40 13.51	+04 23 58.9	9.01	H	130.056 285 49	+04.399 692 53	1.05	−27.01	20.25	1.05	0.76	1.37	1.51	1.04	−14 +17 −32 +19 +12 −30 + 2 +50 −12 − 9	0	−0.50
42530	08 40 13.95	+79 05 51.3	8.40	H	130.058 105 17	+79.097 580 44	0.91	11.53	8.84	0.62	0.61	0.80	0.73	0.69	+ 6 + 8 −13 +16 + 6 − 6 + 5 + 1 − 8 +15	0	−1.05
42531	08 40 14.70	−13 34 00.2	8.40	H	130.061 260 88	−13.566 712 99	2.97	2.80	−9.59	0.72	0.58	0.96	0.84	0.62	−13 +21 − 6 − 9 −17 −17 −14 + 9 + 2 −26	0	−2.25
42532	08 40 17.32	−71 52 38.2	7.78	H	130.072 174 22	−71.877 286 10	19.92	105.19	61.40	0.61	0.56	0.63	0.72	0.55	+ 2 +10 +28 − 9 −10 + 6 −10 −10 + 2 −15	0	0.69
∗42533 H	08 40 17.61	−32 09 55.1	8.11	2 H	130.073 374 44	−32.165 313 42 A	2.08	−9.79	3.22	1.05	1.30	1.66	1.27	1.25	+21 +12 +14 +26 +16 + 5 +11 +14 − 8 + 8	3	1.31
∗42534 H	08 40 17.39	+46 16 47.7	9.44	H	130.072 460 34	+46.279 929 39 A	4.87	−17.62	−6.97	2.35	1.75	2.29	2.89	2.06	− 1 +16 +16 + 8 −11 +12 −11 +10 + 0 −24	0	0.24
∗42535	08 40 17.49	−53 00 55.6	5.56	H	130.072 870 30	−53.015 454 12	6.91	−25.47	23.17	0.43	0.43	0.49	0.55	0.47	+15 + 5 − 7 + 7 −10 + 8 − 6 −26 +16 +22	0	−0.31
∗42536	08 40 17.61	−52 55 19.1	3.60	1 G	130.073 371 68	−52.921 972 59	6.59	−24.62	35.09	0.46	0.40	0.51	0.54	0.48	+16 +17 + 4 + 8 − 5 + 4 − 8 −14 −13 +15	1	−0.57
42537	08 40 18.04	+01 55 12.9	6.76	H	130.075 153 83	+01.920 262 32	3.88	14.91	−38.15	0.79	0.59	1.20	1.02	0.73	−16 +28 −53 +22 +31 −32 + 5 +54 −42 +11	0	0.37
42538	08 40 18.31	+31 56 31.1	6.21	H	130.076 308 63	+31.941 974 25	9.31	−39.35	−31.30	0.75	0.47	0.81	0.98	0.63	−16 +20 −13 + 5 − 7 −30 − 9 +27 + 7 −20	0	0.17
42539	08 40 18.65	−79 40 26.0	8.09	G	130.077 707 04	−79.673 890 66	18.56	142.25	−61.31	0.58	0.55	0.62	0.65	0.59	− 2 + 7 + 3 +21 − 8 +17 −10 − 3 +10 −13	0	−0.90
42540 H	08 40 19.22	−40 15 50.0	5.20	1 G	130.080 071 39	−40.263 893 30 A	11.63	−55.93	7.66	0.47	0.49	0.57	0.45	0.45	+ 9 +19 +24 +11 + 8 +22 + 3 − 5 + 1 − 6	7	2.55
42541	08 40 19.34	−73 46 24.2	11.40	H	130.080 587 01	−73.773 394 74	−0.36	0.14	8.05	1.45	1.57	1.77	1.38	1.86	+ 9 +29 +15 −30 − 5 −15 + 2 − 5 +11 − 5	2	−2.06
42542	08 40 20.17	+19 20 56.5	6.76	H	130.084 023 37	+19.349 025 75	6.75	−34.60	−15.21	1.13	0.68	1.03	2.08	1.83	−10 +44 −25 −54 + 5 −34 + 1 −15 − 4 −51	0	1.48
42543 H	08 40 21.06	−42 21 11.5	7.71	H	130.087 761 34	−42.353 195 56 ∗	3.10	−1.03	5.23	0.57	0.59	0.73	0.74	0.73	− 7 − 3 + 5 +11 + 0 + 4 − 2 + 0 + 8 −18	0	0.78
42544 H	08 40 21.13	−42 23 21.4	6.85	H	130.088 048 93	−42.389 280 47 A	9.56	−34.17	33.84	0.97	0.98	0.85	0.80	0.83	− 1 + 1 +10 +10 + 5 + 5 + 3 − 5 + 5 − 5	2	0.72
42545	08 40 21.28	+49 49 54.2	10.72	H	130.088 655 42	+49.831 708 59	9.04	50.46	−71.62	1.92	1.38	2.26	2.89	1.77	−10 +27 −25 + 3 −17 +13 −12 − 8 − 3 + 3	0	−0.17
42546	08 40 21.84	−66 47 08.4	9.54	H	130.091 017 69	−66.785 673 77	9.89	−29.84	47.58	0.88	0.79	0.90	1.03	0.81	+ 6 +12 +20 +11 − 6 − 6 − 6 − 9 + 1 − 8	0	−0.66
42547	08 40 22.11	−01 37 04.2	8.46	H	130.092 107 41	−01.617 834 25	1.37	8.85	2.31	0.93	0.71	1.17	1.18	0.98	−17 +20 −21 − 7 + 2 −29 − 2 +31 − 7 −23	0	0.83
∗42548	08 40 22.16	+59 35 07.6	7.79	1 H	130.092 327 75	+59.585 435 21	5.67	−14.35	−32.02	0.61	0.67	0.96	0.89	0.80	−36 +15 − 9 −40 + 3 + 1 + 4 −39 + 6 +15	1	−1.08
∗42549	08 40 22.11	+19 40 11.9	6.42	H	130.092 120 13	+19.669 970 35	4.31	−35.22	−13.15	0.89	0.50	0.93	0.97	0.68	−12 +34 −14 −34 − 3 −33 − 7 +30 −11 −14	0	1.53
42550	08 40 22.51	+51 45 07.4	7.70	H	130.093 785 13	+51.752 053 34	2.18	37.28	−95.90	0.89	0.63	1.04	1.09	0.61	− 8 +15 − 8 −13 + 5 − 9 +15 −45 − 3 +41	0	1.08
42551	08 40 22.84	−58 22 31.8	8.63	H	130.095 149 40	−58.375 489 12	0.31	−0.09	8.02	0.66	0.62	0.72	0.79	0.69	− 4 + 7 + 8 − 2 + 3 − 5 + 4 −10 +15 − 6	0	−0.23
42552	08 40 24.14	−14 41 49.1	7.46	H	130.100 585 94	−14.696 980 37	5.97	−16.72	13.34	0.69	0.54	0.96	0.78	0.57	−13 +43 + 6 +17 −25 −11 −16 +26 + 9 −27	0	−0.08
42553	08 40 24.50	−27 53 17.0	9.08	H	130.102 072 79	−27.888 066 60	3.10	−9.82	−0.69	0.69	0.78	1.13	0.80	0.88	−15 + 5 +13 + 0 + 0 +11 − 2 − 3 − 6 −28	0	−1.09
42554	08 40 26.29	+44 54 18.8	9.65	2 H	130.109 530 58	+44.905 211 79	4.08	1.59	−52.02	1.42	0.85	1.49	2.14	1.34	+ 0 + 8 −13 −21 + 1 +23 − 1 + 6 − 4 +18	0	0.67
42555	08 40 26.87	−27 15 28.3	8.12	H	130.111 975 45	−27.257 865 89	5.37	3.34	−7.45	0.46	0.54	0.90	0.60	0.62	−13 − 3 + 9 −41 + 2 +17 + 6 − 6 − 4 −27	3	1.58
42556	08 40 27.03	+19 32 41.4	6.29	H	130.112 635 37	+19.544 840 56	5.95	−33.74	−13.57	0.85	0.51	0.91	0.91	0.67	−14 +34 −18 −24 − 2 −27 − 6 +34 −11 −15	2	1.23
42557	08 40 28.57	−67 49 13.2	7.91	H	130.119 029 43	−67.820 329 77	4.19	−3.81	−13.89	0.66	0.56	0.66	0.86	0.58	− 2 +16 +10 −15 + 6 −16 + 7 −17 + 3 −16	0	−0.05
42558	08 40 28.73	−21 00 47.2	7.75	H	130.119 718 50	−21.013 102 53 A	2.28	−6.55	2.70	1.12	0.96	1.33	1.07	0.90	−34 + 9 + 3 +48 −12 −12 −14 +34 + 7 −50	1	1.08
∗42559	08 40 32.65	−41 04 13.5	8.20	H	130.136 061 10	−41.070 411 55	2.90	−13.20	10.80	0.54	0.64	0.79	0.60	0.66	+ 3 + 8 +27 +18 − 1 +15 − 6 + 7 − 1 − 9	3	2.01
∗42560	08 40 32.55	+10 55 27.0	6.78	H	130.135 643 35	+10.924 153 18	3.74	−8.90	−5.93	0.98	0.53	0.95	1.23	0.73	+ 1 +27 −17 −42 −11 −24 −18 +25 −11 + 7	0	1.98
42561	08 40 33.08	−03 58 50.3	8.04	G	130.137 823 90	−03.980 636 93	12.72	−204.10	80.70	0.90	0.65	1.04	1.12	0.81	− 3 +10 −26 −22 −17 −12 −17 +37 − 3 − 9	0	1.78
42562	08 40 33.68	+33 16 38.3	6.74	H	130.140 326 77	+33.277 292 23	8.22	−23.12	−16.43	0.77	0.52	0.87	0.97	0.75	−25 +27 − 3 +13 −17 −28 −14 +36 + 9 −34	0	−0.18
42563	08 40 33.76	+13 33 24.3	10.18	G	130.140 662 23	+13.556 760 31	18.88	−425.69	−150.06	1.78	0.94	1.73	2.06	1.31	− 6 +31 −15 −45 −12 −26 −17 +31 −14 − 6	0	0.87
42564	08 40 35.26	−45 11 28.0	5.67	1 H	130.146 901 82	−45.191 114 81	3.43	3.36	5.01	0.50	0.42	0.55	0.57	0.42	+ 3 + 6 −14 −28 + 6 −11 + 5 −32 +28 + 4	0	−0.81
42565	08 40 35.63	−02 29 46.6	8.81	H	130.148 445 80	−02.496 267 07	3.47	−20.58	−0.09	0.96	0.78	1.31	1.14	1.09	−20 +20 −29 −15 − 4 −23 −10 +31 −26 −27	0	−1.13
42566	08 40 36.50	+14 22 44.2	7.99	H	130.152 093 80	+14.378 950 04	1.48	−6.31	0.32	1.28	0.65	1.35	1.42	0.86	− 1 − 3 −44 −53 − 7 − 6 − 8 +39 −38 − 4	0	2.07
42567	08 40 36.77	+43 06 52.0	9.34	G	130.153 198 31	+43.114 456 96	32.29	−168.71	−297.22	1.18	0.84	1.34	1.43	1.24	−20 +25 − 8 − 7 −15 −19 −18 +27 + 0 −22	0	0.54
42568	08 40 37.04	−59 45 39.7	4.31	1 H	130.154 313 17	−59.761 014 68	2.31	−6.87	4.92	0.44	0.39	0.46	0.49	0.43	+ 5 − 7 + 4 + 4 − 4 − 2 − 4 + 5 − 3 − 6	1	1.83
42569	08 40 37.15	−07 48 30.2	8.20	H	130.154 812 17	−07.808 394 25	4.12	−7.60	−23.97	0.89	0.59	1.23	0.95	0.67	−17 +44 − 2 −19 −29 − 9 −21 +13 − 8 −45	0	1.11
∗42570	08 40 37.58	−46 38 55.5	3.77	1 H	130.156 563 69	−46.648 754 92	1.05	−6.30	4.29	0.43	0.38	0.49	0.52	0.39	+16 + 8 + 7 +14 + 4 + 1 + 5 − 8 +12 +19	1	0.39
∗42571	08 40 37.51	−54 06 33.7	8.89	H	130.156 303 52	−54.109 373 58	1.77	−0.71	−5.40	0.62	0.64	0.71	0.77	0.70	+ 8 + 0 − 5 + 8 −12 + 9 − 9 −20 + 5 +14	0	−1.58
42572 H	08 40 39.75	−36 04 06.4	8.90	H	130.165 608 47	−36.068 448 93 ∗	1.39	−8.31	8.85	0.65	0.80	0.97	0.69	0.86	+ 4 − 2 + 9 +10 − 2 + 7 − 4 −18 + 0 + 1	0	−0.55
42573	08 40 40.82	+60 37 23.1	7.98	G	130.170 090 11	+60.623 094 71	5.34	−2.33	−8.17	0.61	0.64	0.91	0.75	0.79	−24 +21 −13 −17 + 3 −13 + 5 −23 + 8 + 7	0	1.51
42574 H	08 40 41.42	−12 10 08.7	7.25	H	130.172 568 62	−12.169 089 25 A	4.09	−34.45	10.76	1.46	1.07	1.52	1.80	1.03	−22 +25 −13 −16 − 3 −10 − 5 −10 − 8 −25	10	1.97
42575	08 40 42.45	+55 40 07.1	8.00	H	130.176 859 95	+55.668 630 45	23.81	−264.56	−370.02	0.77	0.63	1.01	0.87	0.65	− 3 +17 − 3 −51 − 5 − 4 −10 −29 + 1 +16	0	−0.46
42576	08 40 42.99	+51 25 50.3	6.88	G	130.179 129 27	+51.430 638 83	4.78	−20.04	45.01	0.79	0.56	0.89	1.01	0.55	−16 +13 −13 −17 +10 + 8 +19 −44 + 3 +36	2	1.30
42577	08 40 43.13	+28 34 22.2	8.39	H	130.179 700 93	+28.572 821 87	3.97	−29.94	−10.70	1.00	0.58	1.08	1.20	0.81	−14 − 1 −13 −27 +11 −17 +14 − 6 −12 −31	0	1.02
42578	08 40 43.23	+19 43 09.6	6.83	H	130.180 115 60	+19.719 343 16	6.44	−34.26	−11.96	0.92	0.50	0.93	0.98	0.65	− 6 +35 −11 −35 − 3 −33 − 5 +31 − 7 −10	0	1.01
42579 H	08 40 43.55	−57 32 43.9	6.34	G	130.181 464 68	−57.545 532 17 A	14.38	−22.87	17.52	0.62	0.58	0.61	0.58	0.58	− 5 + 2 + 4 + 6 − 4 + 3 − 7 −14 +16 −22	2	0.70
42580	08 40 43.69	+38 09 33.0	7.80	H	130.182 051 15	+38.159 160 89	1.88	−29.84	−18.08	0.86	0.57	0.98	0.97	0.65	−29 +17 −25 −30 −10 − 1 − 8 − 3 − 3 −41	0	0.65
42581	08 40 43.78	−11 55 37.9	7.59	H	130.182 430 37	−11.927 186 51	12.03	−30.12	−7.29	0.73	0.53	0.95	0.89	0.58	−11 +22 −11 +13 −21 − 4 −22 +16 −15 −21	0	0.56
42582 H	08 40 43.88	−24 06 54.3	8.87	H	130.182 849 80	−24.115 081 91 ∗	2.29	−6.44	17.12	1.97	2.20	1.59	1.14	1.08	−23 +17 − 1 +23 − 3 +17 − 5 +16 − 6 −30	1	0.60
42583 H	08 40 44.24	+34 49 14.1	8.62	H	130.184 319 91	+34.820 571 99 A	6.98	8.87	−29.31	1.79	1.19	2.11	2.01	1.52	−43 +20 −14 −10 −15 + 0 −10 +15 + 3 −60	1	−0.54
42584	08 40 44.95	−61 41 57.8	8.13	H	130.187 277 42	−61.699 386 93	4.09	−10.18	13.79	0.58	0.55	0.63	0.57	0.61	−11 − 5 + 8 +11 −18 +10 −22 +10 − 7 −33	0	0.80
42585	08 40 45.35	−51 02 15.0	8.14	H	130.188 947 79	−51.037 494 05	4.31	−31.54	28.42	0.56	0.54	0.64	0.64	0.59	− 3 +10 + 3 − 2 − 7 − 3 − 6 −10 + 3 + 1	0	1.31
42586	08 40 46.58	−04 13 20.9	8.27	H	130.194 080 24	−04.222 473 57	8.43	−18.00	−5.91	0.83	0.64	1.02	1.06	0.80	−11 + 6 −29 −15 −13 −15 −17 +39 − 6 −13	0	2.38
42587	08 40 47.80	−45 03 30.3	7.55	1 H	130.199 157 30	−45.058 413 62	0.36	−6.63	6.37	0.54	0.50	0.64	0.66	0.53	+ 6 + 3 −13 −16 + 5 − 8 + 4 −24 +24 + 1	1	−0.59
42588	08 40 47.86	−56 10 03.2	7.94	H	130.199 434 55	−56.167 543 64	6.55	−14.42	24.10	0.55	0.56	0.61	0.56	0.64	+ 9 − 5 + 2 + 2 −18 +12 −22 − 8 + 4 − 5	0	−2.27
42589	08 40 48.97	+33 54 30.7	8.38	H	130.204 060 34	+33.908 521 76	3.37	23.43	−3.70	1.05	0.61	1.13	1.39	0.94	−10 +13 − 2 + 8 +11 −17 +13 +10 − 5 −25	0	0.61
42590	08 40 50.34	+40 01 04.0	7.66	G	130.209 738 51	+40.017 783 77	4.16	−5.09	1.10	0.88	0.56	1.05	0.98	0.71	−35 +50 −22 + 7 − 6 −14 − 9 +10 − 2 −37	0	1.97
42591	08 40 50.43	−54 32 31.1	8.83	H	130.210 122 53	−54.541 963 29	7.40	30.28	4.88	0.66	0.69	0.76	0.74	0.72	+ 5 −14 − 2 + 5 −16 +15 −16 −18 +16 +11	0	0.40
42592	08 40 50.59	−16 20 38.3	9.67	G	130.210 791 95	−16.343 966 72	7.26	351.79	−484.80	1.01	0.96	1.32	1.15	0.98	−28 +18 − 6 + 1 −34 −15 −28 +28 +10 −37	0	1.43
42593	08 40 51.53	+66 02 46.5	8.74	H	130.214 708 47	+66.046 258 49	11.03	−142.21	−38.78	0.62	0.61	1.03	0.73	0.70	+44 +13 + 1 + 4 −11 − 5 −11 + 2 − 7 +44	0	0.19
42594	08 40 52.14	+09 49 27.3	7.73	3 T	130.217 257 71	+09.824 246 71	5.43	−28.88	−15.55	0.90	0.58	0.99	1.08	0.81	−14 +17 −16 −24 − 4 −16 − 4 +26 − 9 −19	0	1.08
42595	08 40 53.40	−48 13 31.9	6.95	H	130.222 517 41	−48.225 514 17	1.59	−3.60	2.21	0.50	0.45	0.57	0.61	0.49	+ 0 +12 +13 −13 + 3 − 7 + 4 − 5 + 3 −12	3	1.34
42596 H	08 40 54.00	+42 25 42.1	9.32	H	130.224 987 44	+42.428 352 35 A	1.94	−7.14	0.31	2.15	1.34	2.16	2.48	1.58	−23 +30 −17 −14 − 1 +15 − 3 +12 − 4 −15	1	−0.09
42597 H	08 40 54.17	−17 20 21.6	8.12	H	130.225 716 54	−17.339 324 51 A	3.73	−11.15	7.98	5.12	2.06	1.43	1.42	0.84	−37 +10 +21 + 3 −35 −28 − 9 +29 +27 −48	3	−0.64
42598	08 40 54.56	+16 29 59.0	7.82	G	130.227 337 40	+16.499 726 86	6.10	−8.47	−2.35	1.04	0.54	1.07	1.29	0.76	−11 + 9 −33 −51 + 9 −21 + 0 +18 −33 − 2	0	0.68
42599	08 40 55.97	+46 25 47.0	9.18	H	130.233 198 33	+46.429 717 50	6.83	4.41	−0.46	1.16	0.85	1.31	1.79	1.08	−12 +10 − 8 +15 + 5 − 9 + 6 − 9 − 3 − 1	0	−0.97
42600	08 40 56.32	+19 34 49.3	6.77	H	130.234 665 53	+19.580 363 83	5.46	−32.61	−10.54	0.90	0.52	0.93	0.95	0.67	− 7 +34 −15 −27 − 3 −28 − 5 +30 − 8 −10	0	1.43

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″		ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65		66	67	68-70
42501	8.114	0.009	8.143	0.011		−0.022	0.013	T	0.00	0.01	L	8.1458	0.0015	0.015	110		8.13	8.18				1								S
42502	8.371	0.034	6.808	0.036		1.334	0.041	T	3.78	0.12	O	6.1586	0.0339	0.191	60		5.84	6.52		U 2		1	S							S
42503	8.144	0.010	6.823	0.006		1.122	0.009	T	1.08	0.01	L	6.8713	0.0009	0.008	87		6.86	6.89		C		1								S
42504	5.008	0.003	5.154	0.003		−0.147	0.004	G	−0.14	0.01	H	5.1282	0.0013	0.012	123		5.11	5.14		U 2	08400−5303	I 1	1	S						S P
42505	6.667	0.004	6.763	0.005		−0.088	0.001	G	−0.07	0.00	H	6.7609	0.0008	0.010	139		6.75	6.78					1							S
42506	9.823	0.018	9.240	0.017		0.545	0.022	T	0.62	0.02	L	9.3195	0.0014	0.020	151		9.28	9.36					1							
42507	11.946	0.164	10.154	0.054		1.361	0.001	G	1.69	0.02	A	9.9706	0.0042	0.023	57		9.93	10.00					1							G
42508	8.354	0.007	8.247	0.009		0.104	0.011	T	0.12	0.01	L	8.2743	0.0015	0.016	152		8.25	8.30		C			1							S
42509	6.826	0.006	5.139	0.003		1.415	0.001	G	1.40	0.04	E	5.1178	0.0007	0.007	95		5.11	5.13					1							S
42510	7.864	0.006	7.603	0.007		0.231	0.015	G	0.26	0.02	H	7.6523	0.0010	0.013	168		7.63	7.68					1							S
42511	7.662	0.007	7.368	0.007		0.275	0.015	G	0.31	0.02	H	7.4086	0.0010	0.009	124		7.39	7.42		C	08401−5351	I 1	1	S						S
42512	10.319	0.030	8.978	0.016		1.137	0.027	T	1.10	0.03	L	9.0334	0.0016	0.015	121		9.01	9.06		C			1							
42513	9.498	0.016	8.090	0.009		1.190	0.014	T	1.15	0.01	L	8.1259	0.0012	0.014	133		8.10	8.15		C			1							
42514	10.021	0.031	8.870	0.020		0.989	0.029	T	0.97	0.02	L	8.9252	0.0022	0.016	80		8.89	8.97					1							S
42515	5.138	0.002	4.068	0.002		0.936	0.005	G	0.91	0.02	A	4.1264	0.0004	0.005	158		4.12	4.13		C	08401−3519	I 1	1	S						S
42516	7.628	0.013	6.481	0.009		0.980	0.005	G	1.03	0.13	G	6.5513	0.0009	0.007	77		6.54	6.56		C	08401+2000	I 2	1	S						S
42517	9.729	0.015	8.409	0.009		1.121	0.014	T	1.08	0.01	L	8.4474	0.0013	0.017	195		8.42	8.48					1							
42518	9.807	0.029	9.389	0.030		0.395	0.039	T	0.46	0.04	L	9.4311	0.0016	0.015	87		9.40	9.46		C			1	S						
42519	7.313	0.006	7.427	0.006		−0.114	0.010	G	−0.10	0.01	H	7.4249	0.0019	0.015	111		7.41	7.45	1.75	P 1 A			1							S
42520	8.051	0.009	8.145	0.011		−0.081	0.013	T	−0.06	0.01	L	8.1282	0.0012	0.013	119		8.10	8.15					1							S
42521	8.617	0.013	8.643	0.017		−0.019	0.020	T	0.00	0.02	L	8.6459	0.0018	0.014	124		8.63	8.67		C			1							
42522	9.494	0.018	8.335	0.012		0.995	0.017	T	0.97	0.01	L	8.3938	0.0016	0.015	103		8.37	8.42					1							
42523	6.611	0.006	6.608	0.008		0.006	0.005	G	0.03	0.03	C	6.6159	0.0009	0.006	79		6.60	6.63			08401+2000	I 2	1							S
42524	8.290	0.007	8.214	0.008		0.068	0.010	T	0.08	0.01	L	8.2420	0.0016	0.016	175		8.21	8.27					1							
42525	10.921	0.061	10.421	0.060		0.470	0.078	T	0.54	0.08	L	10.0747	0.0036	0.022	90		10.04	10.10		D	08402+4117	I 1	1	X	S					G
42526	9.551	0.019	7.871	0.009	A	1.370	0.015	G	1.34	0.02	H *	7.8224	0.0014	0.012	121 *		7.80	7.84		D	08402−4827	H 1	2	C	A	AB	154	1.056	0.014	2.96	0.09	
42527	6.122	0.003	4.725	0.002		1.179	0.000	G	1.18	0.03	C	4.7499	0.0006	0.005	123		4.74	4.76		C			1							S
42528	7.725	0.007	6.692	0.005		0.899	0.006	T	0.90	0.00	L	6.7555	0.0008	0.007	124		6.74	6.77		C			1							S
42529	10.242	0.030	9.121	0.020		0.965	0.028	T	0.95	0.02	L	9.1754	0.0017	0.015	92		9.15	9.20		C			1							
42530	10.401	0.024	8.581	0.010		1.514	0.021	T	1.55	0.03	L	8.5274	0.0014	0.015	150		8.50	8.56					1							
42531	8.478	0.011	8.400	0.013		0.070	0.015	T	0.08	0.02	L	8.4285	0.0018	0.014	102		8.40	8.45		C			1							S
42532	8.593	0.011	7.849	0.009		0.665	0.010	G	0.73	0.01	H	7.9102	0.0008	0.008	106		7.89	7.93		D			1							S
42533	8.059	0.010	8.017	0.012	*	0.038	0.014	T	0.05	0.01	L *	8.1273	0.0025	0.028	198 *		8.09	8.27		U 2 C	08403−3210	I 1	2	C	A	AB	203	4.582	0.006	1.23	0.02	S
42534	9.892	0.024	9.520	0.026	*	0.352	0.033	T	0.41	0.04	L *	9.5175	0.0025	0.020	74 *		9.47	9.56		D	08403+4617	I 1	2	C	A	AB	328	0.755	0.016	1.98	0.06	
42535	5.395	0.003	5.532	0.004		−0.125	0.004	G	−0.11	0.01	H	5.5180	0.0006	0.005	115		5.51	5.53		C			1							S
42536	3.388	0.003	3.568	0.002		−0.168	0.006	G	−0.16	0.02	A	3.5371	0.0017	0.018	105		3.51	3.56	2.80	P 1 A			1	G						S
42537	8.555	0.013	6.902	0.007		1.382	0.012	T	1.35	0.01	L	6.9115	0.0012	0.008	84		6.90	6.93		C			1							S
42538	6.686	0.004	6.254	0.005		0.401	0.004	G	0.47	0.00	H	6.3035	0.0006	0.005	67		6.29	6.31					1							S
42539	8.778	0.011	8.164	0.010		0.578	0.015	G	0.65	0.01	H	8.2121	0.0014	0.013	115		8.19	8.24		C			1							S
42540	5.186	0.002	5.203	0.004	A	−0.027	0.023	G	−0.01	0.01	L *	5.1869	0.0022	0.019	144 *		5.15	5.20	3.11	P 1 A	08403−4016	I 1	2	C	A	AB	67	4.469	0.015	3.84	0.09	S
42541											T	11.5187	0.0052	0.048	104		11.40	11.60					1							G
42542	7.101	0.007	6.790	0.008		0.271	0.007	G	0.32	0.03	C	6.8388	0.0008	0.007	77		6.83	6.85		D			1	G						S P
42543	8.619	0.014	7.784	0.011	*	0.744	0.005	G	0.79	0.00	H *	7.8556	0.0014	0.014	118 *		7.83	7.88		D	08404−4223	I 2	2	C	S	A	BC	132	0.143	0.017	1.14	0.49	S
42544	7.055	0.005	6.880	0.006	*	0.160	0.008	T	0.18	0.01	L *	6.9044	0.0013	0.008	119 *		6.89	6.92		D	08404−4223	I 2	2	C	A	AD	66	0.496	0.004	1.47	0.02	S
42545	11.455	0.100	10.575	0.073		0.770	0.095	T	0.81	0.07	L	10.8543	0.0045	0.032	65		10.80	10.91		C			1							G
42546	10.116	0.025	9.591	0.025		0.493	0.032	T	0.57	0.03	L	9.6492	0.0023	0.020	111		9.62	9.68		C			1							
42547	10.607	0.052	8.634	0.018		1.636	0.044	T	1.66	0.04	L	8.5700	0.0029	0.021	74		8.53	8.60					1							
42548	9.265	0.013	7.901	0.008		1.155	0.012	T	1.12	0.01	L	7.9548	0.0011	0.015	169		7.93	7.98		M			1							S
42549	7.727	0.012	6.539	0.008		1.020	0.000	G	0.99	0.00	H	6.5891	0.0011	0.008	79		6.58	6.60		C	08404+1941	I 1	1	S						S
42550	9.017	0.014	7.817	0.010		1.027	0.013	T	1.00	0.01	L	7.8695	0.0011	0.010	89		7.85	7.89		C	08404+5145	I 1	1							S
42551	10.625	0.036	8.779	0.014		1.535	0.031	T	1.58	0.07	L	8.7517	0.0019	0.018	117		8.71	8.78					1							
42552	7.561	0.008	7.471	0.009		0.081	0.011	T	0.09	0.01	L	7.4945	0.0012	0.010	87		7.48	7.51		C			1							S
42553	9.939	0.021	9.171	0.017		0.684	0.021	T	0.74	0.02	L	9.2132	0.0018	0.023	161		9.18	9.25		C			1							
42554	10.093	0.029	9.665	0.030		0.404	0.038	T	0.47	0.04	L	9.7398	0.0205	0.099	78		9.61	9.85	0.81	P 1 A			1							P
42555	8.217	0.007	8.126	0.008		0.082	0.010	T	0.09	0.01	L	8.1573	0.0015	0.016	214		8.14	8.19					1							S
42556	6.492	0.007	6.309	0.007		0.170	0.003	G	0.18	0.03	C	6.3427	0.0009	0.006	77		6.33	6.35		C	08404+1932	I 1	1							S
42557	9.365	0.017	8.035	0.010		1.150	0.015	G	1.11	0.01	H	8.0793	0.0016	0.011	105		8.06	8.10		C			1							
42558	9.554	0.015	7.866	0.008	A	1.410	0.013	T	1.39	0.02	L	7.8948	0.0063	0.014	137	A	7.87	7.92			08405−2101	I 1	2	C	B	AB	142	11.845	0.043	3.52	0.16	
42559	8.164	0.006	8.187	0.008		−0.019	0.009	T	0.00	0.01	L	8.2075	0.0012	0.014	152		8.19	8.23		C	08405−4104	I 1	1							
42560	8.573	0.013	6.920	0.007		1.382	0.012	T	1.35	0.01	L	6.9296	0.0010	0.007	65		6.92	6.94		C			1							S
42561	9.270	0.021	8.131	0.014		0.947	0.003	G	0.99	0.00	I	8.1764	0.0018	0.010	70		8.16	8.19		C			1							
42562	8.116	0.009	6.860	0.005		1.071	0.008	T	1.04	0.01	L	6.9084	0.0012	0.007	88		6.89	6.93		C			1							S
42563						0.800	0.040	G	0.84	0.04	R	10.3137	0.0036	0.025	69		10.27	10.35		C			1							G
42564	7.827	0.007	5.864	0.004		1.664	0.007	T	1.94	0.03	O	5.7589	0.0020	0.018	132		5.73	5.79		U 2			1							S
42565	10.072	0.030	8.920	0.019		0.990	0.028	T	0.97	0.02	L	8.9672	0.0014	0.013	70		8.95	8.99		D			1							
42566	8.120	0.010	7.994	0.015		0.122	0.017	T	0.14	0.02	L	8.0344	0.0012	0.008	66		8.01	8.06					1							S
42567	10.786	0.055	9.469	0.028		1.083	0.002	G	1.15	0.00	I	9.4424	0.0018	0.018	88		9.42	9.48		C			1							
42568	4.163	0.002	4.305	0.002		−0.117	0.005	G	−0.08	0.02	A	4.2809	0.0005	0.006	130		4.27	4.29		M	08406−5946	I 1	1							S P
42569	9.662	0.019	8.309	0.011		1.147	0.017	T	1.11	0.01	L	8.3705	0.0011	0.010	103		8.35	8.39		C			1							
42570	4.629	0.003	3.886	0.003		0.670	0.015	G	0.92	0.02	A	3.9290	0.0019	0.019	122		3.90	3.95		U 2	08406−4639	I 1	1							S
42571	8.979	0.012	8.895	0.014		0.076	0.017	T	0.09	0.02	L	8.9178	0.0014	0.014	131		8.89	8.94		C			1							
42572	8.959	0.011	8.903	0.013	*	0.056	0.016	T	0.07	0.01	L *	8.9198	0.0020	0.022	158 *		8.89	8.95		C	08407−3604	I 1	2	C	S	A	AB	337	0.161	0.012	0.08	0.53	
42573	8.342	0.009	8.021	0.009		0.317	0.015	G	0.37	0.02	H	8.0597	0.0015	0.014	135		8.04	8.08		C			1							S
42574	7.472	0.017	7.192	0.018	*	0.266	0.023	T	0.30	0.03	L *	7.3254	0.0013	0.008	99 *		7.31	7.34		D	08407−1210	I 1	2	C	A	AB	302	5.209	0.003	0.33	0.01	S
42575	8.856	0.010	8.084	0.008		0.675	0.004	G	0.73	0.00	H	8.1403	0.0015	0.013	125		8.12	8.17		C			1							S
42576	8.060	0.008	6.956	0.006		0.958	0.003	G	0.95	0.00	H	7.0283	0.0009	0.009	92		7.02	7.05		C			1							S
42577	9.674	0.022	8.498	0.014		1.008	0.020	T	0.98	0.02	L	8.5573	0.0015	0.013	86		8.54	8.58		C			1							
42578	7.082	0.008	6.845	0.009		0.202	0.004	G	0.22	0.01	H	6.8967	0.0011	0.008	85		6.88	6.91					1							S
42579	6.558	0.006	6.319	0.008	*	0.208	0.003	G	0.23	0.00	H *	6.4038	0.0007	0.006	108 *		6.39	6.42		D	08407−5733	I 1	2	C	A	AB	244	3.813	0.006	2.02	0.02	S
42580	9.527	0.016	7.958	0.009		1.316	0.014	T	1.28	0.02	L	7.9580	0.0012	0.014	112		7.93	7.98					1							S
42581	8.488	0.011	7.675	0.012		0.734	0.012	T	0.78	0.01	L	7.7396	0.0014	0.013	91		7.72	7.76			08407−1156	I 1	1	S						S
42582	10.334	0.035	9.010	0.018	*	1.124	0.031	T	1.09	0.03	L *	9.0413	0.0022	0.017	101 *		9.01	9.07		D	08407−2407	H 1	2	C	A	AB	289	0.282	0.014	1.79	0.19	
42583	9.799	0.016	8.737	0.011	A	1.059	0.197	G	0.93	0.02	L *	8.7799	0.0017	0.017	153 *		8.75	8.81		C	08407+3449	H 1	2	C	B	AB	245	1.074	0.037	3.18	0.18	
42584	8.463	0.010	8.161	0.011		0.287	0.014	T	0.33	0.02	L	8.2005	0.0013	0.013	117		8.18	8.22		C			1							S
42585	8.931	0.012	8.208	0.010		0.650	0.015	G	0.71	0.01	H	8.2753	0.0014	0.013	131		8.25	8.30		C			1							
42586	8.744	0.015	8.299	0.014		0.420	0.019	T	0.49	0.02	L	8.3619	0.0014	0.011	74		8.34	8.38		C			1							S
42587	7.770	0.007	7.585	0.008		0.177	0.010	T	0.19	0.01	L	7.6019	0.0014	0.014	133		7.58	7.63		M			1							S
42588	8.212	0.010	7.972	0.012		0.229	0.015	T	0.25	0.02	L	8.0097	0.0013	0.012	106		7.99	8.03		C			1							S
42589	10.409	0.042	8.567	0.017		1.532	0.036	T	1.58	0.08	L	8.4978	0.0031	0.019	78		8.47	8.54					1							
42590	7.934	0.008	7.687	0.011		0.259	0.015	G	0.29	0.02	H	7.7156	0.0010	0.010	93		7.70	7.74		C			1							S
42591	9.394	0.015	8.872	0.015		0.485	0.005	G	0.56	0.01	H	8.9328	0.0017	0.019	137		8.90	8.97		C			1							
42592	10.284	0.040	9.722	0.038		0.431	0.027	G	0.50	0.03	H	9.7616	0.0018	0.018	82		9.73	9.79		C			1							G
42593	9.358	0.013	8.806	0.012		0.517	0.016	T	0.59	0.02	L	8.8552	0.0014	0.022	223		8.82	8.90					1							
42594	8.131	0.032	7.764	0.026		0.288	0.020	G	0.32	0.02	A	7.7672	0.0323	0.193	68		7.39	7.96	0.18	P 1 A			1							S P
42595	6.743	0.004	6.915	0.006		−0.148	0.006	T	−0.15	0.01	L	6.8989	0.0009	0.009	120		6.88	6.92					1							S
42596	10.927	0.052	9.500	0.026	*	1.205	0.046	T	1.16	0.04	L *	9.4862	0.0025	0.023	87 *		9.46	9.52		C	08409+4226	H 1	2	C	A	AB	34	0.767	0.020	2.59	0.08	
42597	8.164	0.011	8.123	0.013	*	0.037	0.015	T	0.05	0.01	L *	8.1359	0.0015	0.009	67 *		8.11	8.15		D	08409−1720	I 1	2	C	A	AB	280	0.312	0.006	0.83	0.11	S
42598	8.133	0.013	7.838	0.013		0.296	0.015	G	0.34	0.02	H	7.8881	0.0009	0.007	68		7.88	7.91					1							S
42599	9.579	0.022	9.229	0.024		0.332	0.030	T	0.39	0.04	L	9.2599	0.0030	0.020	67		9.23	9.29		C			1							S
42600	6.957	0.008	6.780	0.010		0.169	0.005	G	0.18	0.01	H	6.8245	0.0012	0.009	79		6.80	6.84		C			1							S P

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
42601		08 40 57.78	−46 14 28.7	10.53		G	130.240 739 79	−46.241 314 46		37.51	60.79	−220.70	1.16	1.05	1.35	1.45	1.18	+4	+9	−2	−17	+8	−4	+8	−18	+19	+3	0	1.46
42602		08 40 57.93	−50 00 19.1	9.41		H	130.241 363 68	−50.005 310 23		2.14	−7.54	1.71	0.83	0.75	0.92	1.04	0.80	−2	−2	+11	−5	+5	−17	+5	−23	+5	−12	3	0.72
42603		08 40 58.61	+45 08 59.1	8.92		H	130.244 198 70	+45.149 748 20		2.13	1.23	12.12	1.15	0.78	1.35	1.84	1.22	−5	+10	−16	+0	+7	+23	+10	+5	−1	+19	0	−0.38
42604		08 41 01.05	+45 50 01.6	5.35		H	130.254 366 77	+45.833 785 21		18.11	27.19	92.49	0.67	0.48	0.76	0.92	0.58	−11	+24	−17	+2	−4	+6	−2	−6	−3	−4	2	−1.65
42605		08 41 01.58	−48 04 03.0	7.74		H	130.256 585 62	−48.067 500 71		1.53	−8.61	7.85	0.56	0.53	0.66	0.70	0.59	−2	+8	+12	−2	+1	−15	+3	−4	+7	−17	1	1.54
42606		08 41 01.64	−09 03 07.2	6.64		H	130.256 839 57	−09.052 005 13		7.63	−34.85	2.38	0.69	0.48	0.87	0.82	0.54	−10	+8	−6	−14	−18	−20	−12	+5	+13	−40	0	−0.42
42607		08 41 02.09	−14 17 35.3	7.78		G	130.258 687 73	−14.293 146 21		7.22	−44.59	−4.59	0.71	0.57	0.93	0.84	0.63	−12	+23	−2	−8	−20	−10	−13	+12	+10	−27	0	0.74
42608		08 41 02.59	+27 06 16.9	8.59		H	130.260 787 65	+27.104 682 76		1.50	−7.27	2.72	1.09	0.60	1.17	1.40	0.79	−12	+23	−15	+3	+6	−4	+3	+8	−10	−21	0	2.02
42609		08 41 03.51	+72 14 57.5	8.61		G	130.264 616 65	+72.249 293 45		6.07	−22.96	−32.93	0.65	0.72	0.99	0.71	0.87	+15	+25	−1	+8	+5	−5	+7	−5	−2	+31	0	−0.96
42610		08 41 03.57	−64 20 05.5	7.72		H	130.264 873 14	−64.334 865 64		6.05	−30.59	19.11	0.50	0.46	0.54	0.49	0.50	−2	+10	+4	−21	−6	−9	−3	−14	+14	−27	0	−1.01
42611		08 41 03.98	−38 23 51.9	8.92		H	130.266 564 91	−38.397 746 27		2.73	−11.69	19.45	0.64	0.71	0.88	0.65	0.74	−8	−13	+8	+11	−3	+1	−4	+2	+1	−18	0	0.79
42612		08 41 04.47	−02 00 45.1	8.48		G	130.268 621 74	−02.012 523 71		12.87	−176.08	−26.07	0.90	0.73	1.18	1.11	0.94	−16	+11	−29	−6	+5	−29	−4	+30	−21	−11	0	0.36
42613		08 41 04.71	−66 48 58.8	6.71		G	130.269 644 29	−66.816 332 35		5.54	−22.12	5.36	0.49	0.42	0.49	0.58	0.42	+9	+8	+17	+13	−4	−6	−4	−4	+4	+0	1	1.97
42614		08 41 05.32	−48 55 21.7	5.90		H	130.272 184 64	−48.922 689 00		2.03	−4.64	3.62	0.45	0.42	0.51	0.56	0.51	−6	+8	+6	−9	+1	−1	+3	−3	+8	−32	0	−0.22
42615		08 41 06.54	−34 22 32.4	11.27		H	130.277 249 96	−34.375 678 58		8.43	−11.49	−60.61	2.50	2.70	3.75	2.94	2.92	+11	+2	−1	−1	+3	+13	+3	−21	+8	+13	0	
42616		08 41 06.68	+36 11 07.3	8.39		H	130.277 841 32	+36.185 371 90		2.31	3.07	−24.07	0.92	0.62	1.14	1.01	0.77	−29	+22	−20	−23	−8	−9	−7	−5	−1	−59	0	−0.92
42617		08 41 07.96	−64 36 08.9	8.36	2	H	130.283 185 42	−64.602 473 01		2.51	1.15	34.59	0.58	0.57	0.64	0.61	0.62	−8	+5	+2	−11	+3	−9	+1	−22	+13	−29	0	−1.42
42618		08 41 08.09	−23 53 23.1	9.64		H	130.283 716 81	−23.889 744 90		7.26	6.59	−38.74	0.89	0.95	1.53	0.99	0.90	−22	+18	−17	+23	−5	+22	−4	+10	−11	−22	0	−0.87
42619		08 41 08.26	−32 12 03.0	10.68	3	H	130.284 432 44	−32.200 828 35		3.55	−3.63	−3.82	4.95	5.91	8.19	6.15	6.15	+21	+2	−1	−2	+2	+14	+1	−27	+13	+24	1	
42620		08 41 08.33	−19 54 57.1	7.56		H	130.284 700 03	−19.915 851 85		6.82	−7.69	1.36	0.66	0.51	0.99	0.60	0.52	−18	+44	+1	+29	+3	−3	+8	+17	+17	−39	1	1.25
42621		08 41 08.88	+15 31 18.9	9.11		H	130.286 999 78	+15.521 916 04		0.06	−11.68	−2.55	1.42	0.80	1.48	1.94	1.23	−20	−2	−24	−42	−9	−14	−17	+51	−22	−12	0	1.18
42622		08 41 10.03	−57 28 42.4	8.24		H	130.291 792 08	−57.478 436 38		9.16	−0.94	−8.62	0.62	0.59	0.68	0.62	0.66	−1	−4	+8	+11	−7	+4	−10	−9	+9	−12	1	−1.00
42623		08 41 12.43	+35 57 58.5	8.37		H	130.301 806 07	+35.966 241 31		7.80	−33.62	−95.67	0.90	0.61	1.14	1.01	0.77	−40	+29	−18	−9	−16	−12	−16	+7	−3	−69	0	0.91
42624		08 41 13.14	−47 19 01.7	4.74		H	130.304 750 30	−47.317 141 29		1.72	−10.53	6.87	0.40	0.37	0.46	0.49	0.38	+8	+2	+11	+16	+2	−1	+2	−3	+13	+6	0	1.75
42625		08 41 13.58	−27 26 27.4	8.32		H	130.306 577 19	−27.440 952 34		3.11	−19.15	14.33	0.54	0.64	1.05	0.67	0.71	−11	+5	+6	−16	+4	+10	+5	−2	+3	−24	0	0.19
42626	H	08 41 13.82	−30 05 07.6	9.16		H	130.307 583 14	−30.085 438 35	A	0.80	−6.24	4.67	1.19	1.52	1.92	1.34	1.61	−11	−3	−15	+34	−13	+15	−10	+1	+5	−9	1	0.34
42627		08 41 14.60	+47 28 50.6	7.56		G	130.310 827 27	+47.480 716 72		17.64	−24.12	−51.62	0.84	0.58	0.92	1.18	0.70	−10	+9	+4	+3	−3	−1	−3	−7	−5	−10	0	0.88
42628	H	08 41 15.31	+20 28 36.8	6.72		H	130.313 790 13	+20.476 902 05	A	6.23	2.51	1.32	1.64	1.07	1.26	1.64	1.01	−5	+5	−30	+3	+26	−16	+7	+36	−26	+39	2	0.11
42629		08 41 16.50	+00 57 29.2	7.62		H	130.318 753 13	+00.958 100 35		1.09	0.27	−2.64	0.88	0.67	1.11	1.19	0.84	−17	+31	−42	+29	+15	−19	−1	+54	−25	+3	0	0.10
42630		08 41 16.64	+13 12 01.5	8.51		H	130.319 336 98	+13.200 409 74		2.12	−6.93	−6.57	1.19	0.65	1.28	1.44	0.90	−7	+42	−14	−5	+8	−13	+2	+32	−9	+1	0	1.48
42631		08 41 16.87	+11 02 55.6	7.55		G	130.320 273 09	+11.048 764 02		5.85	−26.16	−6.12	0.97	0.52	0.94	1.19	0.71	+1	+29	−15	−40	−10	−25	−16	+27	−9	+6	0	2.75
42632		08 41 18.03	+14 39 59.7	8.90		H	130.325 132 94	+14.666 589 31		3.92	−8.76	−4.26	1.61	0.93	1.69	1.75	1.39	−22	+4	−28	−45	−19	−12	−20	+53	−33	−26	0	−0.52
42633		08 41 18.12	−33 14 18.1	7.93		H	130.325 517 69	−33.238 347 42		3.27	−16.19	−3.48	0.48	0.53	0.76	0.53	0.54	+14	+1	−3	+0	+6	+3	+7	−15	+6	+19	0	2.59
42634		08 41 18.53	−04 48 31.9	7.59		H	130.327 204 43	−04.808 851 63		29.81	52.24	−33.09	0.71	0.58	0.95	0.85	0.69	−20	+16	−32	−22	−2	−36	−12	+40	−13	−20	0	1.40
42635		08 41 19.02	+05 23 02.3	8.89		H	130.329 252 03	+05.383 973 44		1.32	−14.26	10.79	1.27	0.78	1.59	1.60	1.08	−19	+41	−22	+16	+1	+11	−7	+51	−24	−13	2	0.00
42636		08 41 19.40	+33 26 19.0	9.57		H	130.330 842 86	+33.438 597 97		3.09	−20.19	−17.10	1.26	0.81	1.46	1.69	1.22	−19	+13	−5	+3	−1	−31	+0	+12	+7	−38	0	−0.27
42637		08 41 19.60	−78 57 48.3	5.46		G	130.331 673 03	−78.963 426 37		10.32	−29.31	27.58	0.40	0.38	0.43	0.44	0.39	+5	+5	−4	+16	−8	+1	−8	−15	+19	−1	0	0.67
42638		08 41 19.94	−19 10 29.5	9.08		H	130.333 063 28	−19.174 848 93		3.63	−13.69	−7.62	0.85	0.74	1.22	0.91	0.74	−29	+17	−2	+16	+15	−12	+10	−12	+8	−43	5	0.73
42639		08 41 21.23	−19 27 12.9	8.11		H	130.338 458 82	−19.453 578 09		6.23	−33.75	22.03	0.75	0.58	1.06	0.78	0.59	−24	+20	−9	+38	+3	−9	−3	+7	+11	−42	2	1.24
42640		08 41 21.36	−35 57 15.8	7.93		H	130.338 982 71	−35.954 401 88		7.33	−56.03	43.44	0.51	0.59	0.75	0.57	0.61	+13	+7	−1	+5	−3	+8	−4	−22	−4	+11	0	0.09
42641		08 41 21.78	−31 24 20.2	9.03		H	130.340 741 55	−31.405 618 83		1.37	−4.62	−8.15	0.53	0.65	1.02	0.60	0.67	+23	−6	−4	+8	+15	+4	+15	−7	−14	+29	0	−1.15
42642		08 41 22.41	−66 15 53.2	8.71	1	H	130.343 369 84	−66.264 764 69		2.60	6.74	12.76	0.76	0.70	0.78	0.91	0.74	−1	−5	+21	−6	−6	+6	−7	−18	−10	−13	0	0.49
42643		08 41 22.68	−23 00 15.2	9.73		H	130.344 519 23	−23.004 234 72		−0.88	−3.01	1.09	0.83	1.05	1.57	1.20	1.04	−35	+14	−5	+17	−11	−15	−14	+31	−5	−30	0	1.60
42644		08 41 23.32	−72 35 20.1	7.07		H	130.347 148 94	−72.588 914 81		15.93	−76.83	77.47	0.53	0.51	0.57	0.63	0.58	+2	+14	+27	+2	−16	+4	−15	+4	+10	−16	0	1.08
42645		08 41 25.10	+59 04 16.6	7.04		H	130.354 601 23	+59.071 264 42		6.75	−86.23	−73.10	0.58	0.58	0.89	0.77	0.67	−27	+32	−11	−45	+3	−13	+0	−39	+1	+23	0	0.33
42646		08 41 25.42	−59 50 13.0	9.28		H	130.355 937 12	−59.836 958 04		9.38	95.88	−115.51	0.76	0.74	0.82	0.85	0.77	+6	+1	+2	+7	+1	−6	+0	−4	+0	−6	2	0.63
42647	H	08 41 27.38	+06 49 26.9	9.06		H	130.364 095 90	+06.824 147 08	A	1.75	100.85	−130.21	1.86	1.36	2.27	2.21	1.54	−32	+24	−40	+15	+27	−26	+11	+44	−28	−20	1	−0.52
42648		08 41 29.23	+02 36 31.3	7.87		H	130.371 806 71	+02.608 701 56		2.23	−10.27	6.68	0.86	0.63	1.09	1.17	0.79	−14	+16	−33	+19	+18	−30	+5	+51	−20	−3	2	0.05
42649	H	08 41 32.50	−73 36 52.6	7.00		H	130.385 399 01	−73.614 615 44	A	2.52	−5.47	8.04	0.71	0.73	0.71	0.65	0.77	+10	+25	+22	−28	−9	−11	−5	−3	+11	−6	3	−0.15
42650		08 41 32.81	−68 25 41.7	11.03		G	130.386 721 28	−68.428 243 08		32.13	−112.28	164.29	1.42	1.33	1.50	1.85	1.30	+2	+14	+19	−12	+4	−13	+5	−18	+3	−12	0	0.55
42651		08 41 33.15	−41 14 14.8	8.40		H	130.388 114 78	−41.237 456 29		1.28	−12.09	1.09	0.63	0.69	0.88	0.68	0.75	+5	+1	+16	+10	−1	+15	−4	+1	+8	+1	0	−0.44
42652	H	08 41 34.57	+69 24 18.3	10.67		H	130.394 042 40	+69.405 095 67	A	18.00	−42.03	−60.37	6.49	7.77	9.84	5.77	7.50	+47	+8	−10	+15	+4	−5	+4	−7	−9	+62	3	1.73
42653		08 41 34.91	−44 59 31.0	6.70		H	130.395 476 98	−44.991 938 40		2.49	−11.92	10.36	0.47	0.43	0.55	0.57	0.47	+10	−1	−8	−16	−1	−5	−2	−23	+19	+2	3	−1.65
42654		08 41 35.06	−22 11 39.6	7.80		H	130.396 101 35	−22.194 343 63		4.47	−24.84	6.83	0.67	0.52	0.86	0.75	0.52	−6	+17	−11	+25	−11	−16	−12	+22	+2	−14	0	1.04
42655		08 41 35.40	−42 35 33.0	8.72		H	130.397 499 21	−42.592 493 14		11.33	−36.97	−30.23	0.70	0.71	0.91	0.89	0.92	+1	−7	−3	+13	+4	+3	+2	−2	+6	−10	0	0.08
42656		08 41 36.17	+61 21 23.3	9.73		H	130.400 687 55	+61.356 481 22		1.37	2.35	1.04	0.85	0.96	1.59	0.82	0.95	−6	+10	+23	+48	−6	−6	+4	+16	+5	+15	2	0.66
42657		08 41 36.41	+64 42 21.0	7.53		H	130.401 698 93	+64.705 837 37		5.49	−3.93	−83.06	0.68	0.60	0.91	0.85	0.68	+7	+0	−14	−6	−30	+19	−28	+2	+2	+26	4	0.37
42658		08 41 39.20	+29 59 40.3	8.65		H	130.413 322 40	+29.994 519 80		1.92	−40.30	−19.21	1.39	0.69	1.23	1.39	0.89	−36	+49	−25	+12	−5	−5	−3	+2	−4	−16	0	0.36
42659		08 41 41.20	+52 03 41.9	9.12		H	130.421 685 19	+52.061 642 34		4.33	4.86	−14.11	1.12	0.79	1.29	1.33	0.76	−7	+20	−1	−9	+12	−15	+23	−44	−4	+43	0	1.08
42660		08 41 41.26	+12 10 32.5	9.62		H	130.421 915 78	+12.175 694 89	A	6.18	−5.11	6.98	4.94	3.38	4.35	6.08	4.09	−16	+10	−15	−37	−1	−19	−4	+16	−22	−17	18	1.04
42661		08 41 41.70	+12 10 45.7	10.16		H	130.423 738 97	+12.179 371 91	B	7.84	−5.00	4.66	14.26	8.88	6.44	8.64	6.08	−13	+14	−15	−37	+0	−20	−1	+12	−22	−17	18	1.04
42662		08 41 43.33	−15 56 35.3	4.87		H	130.430 558 22	−15.943 148 65		15.98	3.54	−96.82	0.62	0.52	0.80	0.72	0.55	−26	+16	−3	+15	−40	−14	−34	+40	+12	−36	0	0.58
42663		08 41 43.91	+56 41 19.2	8.48		H	130.432 947 72	+56.688 654 62		3.34	−12.14	−21.97	0.83	0.73	1.13	0.97	0.77	+8	+29	−9	−38	−19	−1	−16	−22	+2	+15	0	−0.73
42664		08 41 44.89	−57 10 17.8	9.10		H	130.437 031 98	−57.171 619 41		2.65	−5.18	7.33	0.74	0.77	0.84	0.79	0.89	−3	−5	+15	+15	−12	−4	−14	+2	+2	−14	0	−1.63
42665		08 41 44.95	−18 19 38.1	8.92		H	130.437 279 38	−18.327 259 82		−0.71	−7.09	1.91	1.02	0.82	1.29	1.62	0.82	−24	−9	+5	+19	−29	−28	−22	+2	+31	−39	0	−0.99
42666		08 41 45.68	+44 51 47.7	7.90		G	130.440 335 61	+44.863 246 31		6.33	−21.89	−24.18	0.91	0.62	1.01	1.26	1.01	−11	+26	−2	+16	+5	+6	+4	+24	−5	−2	0	−0.27
42667		08 41 46.88	+01 32 38.5	8.60		H	130.445 330 01	+01.544 030 96		4.95	−3.50	4.83	1.09	0.72	1.39	1.57	0.91	+3	+23	−45	+14	+34	−34	+11	+46	−35	+30	0	1.06
42668		08 41 47.50	−25 40 34.5	9.23		H	130.447 905 02	−25.676 237 50		6.37	−42.32	18.33	0.96	0.82	1.25	1.03	0.78	−23	+2	+9	+39	−8	+13	−11	+24	+6	−27	0	2.84
42669		08 41 47.66	+08 15 16.7	9.45		H	130.448 594 10	+08.254 632 51		2.91	0.75	−2.28	1.16	0.80	1.39	1.58	1.14	−30	+14	−15	−6	+24	−9	+24	+21	−18	−35	2	1.38
42670		08 41 49.36	−08 33 35.3	7.91		H	130.455 658 67	−08.559 799 19		2.11	−11.94	−1.77	0.82	0.57	1.07	0.93	0.62	−10	+11	−1	−14	−25	−18	−16	+14	+5	−39	0	0.91
42671		08 41 50.01	+82 36 39.6	8.57		H	130.458 374 62	+82.611 003 18		1.26	−3.85	−0.81	0.61	0.65	0.81	0.79	0.72	+1	+13	−3	−7	−10	+6	−9	−6	−2	+12	1	−1.69
42672		08 41 50.04	+07 26 19.3	10.23		H	130.458 495 28	+07.438 691 36		1.02	1.60	3.18	1.41	0.95	1.71	1.85	1.27	−20	+22	−10	+18	+28	+3	+23	+32	−18	−22	3	1.24
42673		08 41 50.10	+19 52 27.1	6.90		G	130.458 762 96	+19.874 205 16		3.55	−34.85	−14.25	0.91	0.49	0.90	0.97	0.67	+0	+31	−3	−39	−6	−32	−4	+20	−11	−10	2	0.85
42674		08 41 50.29	−05 36 38.6	7.78	2	H	130.459 554 94	−05.610 733 81		1.05	10.72	−14.29	0.87	0.69	1.10	1.08	0.83	−22	+30	−19	−6	−13	−32	−18	+58	−4	−20	0	0.30
42675		08 41 51.74	−59 51 20.8	8.16		H	130.465 588 87	−59.855 770 59		4.03	−38.59	43.74	0.62	0.58	0.66	0.69	0.61	+7	−2	+5	+10	+1	−4	−1	−6	+2	−3	1	2.84
42676		08 41 52.75	−08 15 55.0	8.35		H	130.469 811 20	−08.265 291 38		1.08	−9.27	1.80	0.93	0.63	1.20	1.07	0.67	−14	+17	−3	−19	−27	−9	−15	+9	+4	−46	0	1.08
42677		08 41 54.07	+62 12 37.4	7.68		H	130.475 296 89	+62.210 387 79		4.04	20.77	8.07	0.58	0.59	0.94	0.62	0.67	+3	+10	−3	+43	+3	−7	+11	+15	+0	+30	0	1.61
42678		08 41 54.82	−22 01 41.6	7.49		H	130.478 423 79	−22.028 222 03		1.85	−0.54	5.20	0.72	0.57	0.92	0.79	0.58	−15	+12	−9	+19	−17	−11	−15	+34	+6	−26	1	1.79
42679		08 41 56.91	−45 24 38.6	5.20	2	H	130.487 139 62	−45.410 726 10		1.21	−5.90	5.02	0.47	0.38	0.52	0.54	0.38	+7	+12	−5	−20	+5	−10	+6	−19	+23	+4	0	−0.95
42680		08 41 57.82	+62 01 08.4	10.43		G	130.490 918 97	+62.018 992 07	B	12.26	−44.47	−3.41	14.87	14.06	7.96	10.59	10.22	−5	+13	−8	+30	−19	+1	−14	+7	−8	+20	7	1.60
42681	H	08 41 58.05	+23 47 55.9	8.31		H	130.491 878 28	+23.798 861 30	A	3.50	−10.00	9.27	1.59	0.97	1.54	1.88	1.26	−15	+14	−13	−9	−9	−29	−15	+47	−2	−13	0	0.76
42682		08 41 58.51	−50 48 34.2	8.93		H	130.493 786 48	−50.809 505 80		6.40	−31.35	16.17	0.66	0.64	0.75	0.78	0.74	−2	+4	+3	−13	−4	+3	−4	−18	+2	+1	0	−1.85
42683		08 41 59.10	+62 01 24.3	9.59		G	130.496 268 26	+62.023 429 66	A	11.92	−29.72	−0.44	3.12	2.65	3.38	3.09	2.89	−6	+14	−10	+37	−17	+3	−14	+18	−10	+22	7	1.60
*42684		08 42 00.11	+24 21 24.6	9.04		H	130.500 438 29	+24.356 824 82		5.12	15.04	−21.62	1.46	0.73	1.37	1.69	0.99	+12	+0	−27	−37	−3	−29	−6	+25	−7	+2	5	−0.84
*42685	H	08 42 00.10	−42 35 51.7	8.38		H	130.500 429 79	−42.597 697 23	A	3.00	−13.20	10.60	1.76	2.51	2.22	1.89	3.08	−10	−5	−8	+19	+8	+15	+6	−18	+12	−18	7	0.25
42686		08 42 00.26	+39 09 07.5	9.35		H	130.501 066 12	+39.152 077 49		6.16	5.42	9.57	1.24	0.79	1.49	1.40	0.87	−40	+44	−36	−1	−17	−4	−21	+16	−14	−39	0	−0.89
42687		08 42 00.95	−41 49 47.9	8.85		H	130.503 950 07	−41.829 964 27		3.03	−24.59	0.48	0.68	0.69	0.87	0.81	0.85	−3	+8	+6	+0	−2	+10	−1	+8	+4	−18	1	1.75
42688		08 42 01.66	+63 27 19.8	7.59	1	H	130.506 927 32	+63.455 502 56		2.34	25.79	−14.53	0.63	0.60	0.93	0.70	0.78	−12	+6	−5	+17	−7	−2	−4	−8	+0	+6	0	−1.98
42689		08 42 03.63	+53 19 50.8	8.93		H	130.515 125 84	+53.330 776 57		4.51	−2.89	−3.27	1.00	0.83	1.17	1.27	0.85	+1	+2	−18	+32	+29	−32	+42	−25	−10	+43	0	1.76
42690		08 42 04.20	−74 36 33.3	7.42		H	130.517 510 14	−74.609 251 71		2.07	−11.09	9.62	0.56	0.52	0.60	0.61	0.62	−3	+17	+10	−16	+1	−2	+4	−16	+14	−19	0	−0.94
*42691	H	08 42 05.94	−17 25 46.9	7.81		H	130.524 735 90	−17.429 691 51	A	7.25	−37.55	16.88	2.13	2.00	1.57	1.74	0.91	+19	−25	−3	−4	−18	−32	−30	+10	+29	−15	3	−1.18
*42692		08 42 06.01	+33 22 08.9	8.44		H	130.525 028 30	+33.369 144 81		2.77	18.18	−41.81	1.07	0.73	1.23	1.42	1.02	−35	+18	−13	+0	−2	−12	−6	+8	−16	−38	0	−1.20
*42693		08 42 06.26	+59 01 45.9	7.90		G	130.526 075 14	+59.029 414 99		11.94	−27.08	−11.35	0.64	0.63	0.99	0.87	0.75	−30	+31	−15	−41	+0	−3	−3	−33	−2	+12	0	−0.25
*42694		08 42 06.22	+65 17 24.7	8.48		H	130.525 922 12	+65.290 184 82		6.81	−22.31	19.77	0.77	0.71	1.05	0.90	0.71	+0	+15	−17	+25	−23	+13	−17	+13	−2	+15	0	0.76
*42695	H	08 42 06.65	−52 45 23.3	7.82		H	130.527 693 97	−52.756 482 26	A	20.10	−50.81	37.78	4.18	2.55	1.18	1.34	2.06	+28	+12	−6	+2	−5	+12	−5	−2	+2	+9	6	1.85
*42696		08 42 06.96	+38 05 10.2	8.55		H	130.529 011 17	+38.086 178 82		5.07	−10.18	−23.94	0.99	0.63	1.05	1.06	0.69	−11	+7	−16	−31	−26	−2	−18	+4	−2	−38	0	0.14
*42697		08 42 07.73	−42 55 45.2	8.11		H	130.532 212 20	−42.929 225 93		44.73	−269.32	−87.23	0.63	0.60	0.79	0.76	0.74	+1	−11	−5	+18	−1	+3	−6	−6	+17	−10	0	−0.23
*42698	H	08 42 07.56	−48 14 40.8	8.24		G	130.531 497 39	−48.244 674 82	A	2.43	−5.69	6.09	1.30	1.24	1.36	1.40	1.35	−1	+16	+14	−5	−6	−18	−2	−7	+11	−23	7	1.96
*42699		08 42 07.57	+28 39 43.0	8.98		H	130.531 539 44	+28.661 940 51		5.14	−30.99	−12.09	1.09	0.62	1.20	1.26	0.85	−17	+3	−6	−30	−2	−14	+1	+2	−25	−30	0	−0.21
*42700		08 42 09.37	−03 02 59.6	7.40	2	H	130.539 037 11	−03.049 895 85		1.07	1.09	−9.90	0.96	0.62	1.05	1.20	0.85	−2	+17	−26	−43	−12	−22	−12	+29	−16	−12	0	1.18

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
42601						1.360	0.008	G	1.59	0.01	I	10.6030	0.0047	0.040	138		10.53	10.66					1						G
42602	9.503	0.019	9.386	0.023		0.106	0.027	T	0.12	0.03	L	9.4575	0.0020	0.018	106		9.42	9.48					1						G
42603	10.193	0.031	9.036	0.020		0.993	0.029	T	0.97	0.02	L	9.0823	0.0014	0.018	74		9.05	9.12		C			1						
42604	6.619	0.004	5.475	0.003		0.993	0.004	G	0.97	0.00	H	5.5185	0.0006	0.004	72		5.51	5.53					1						S
42605	7.620	0.009	7.728	0.009		−0.092	0.011	G	−0.07	0.01	H	7.7177	0.0013	0.012	122		7.70	7.74					1						S
42606	6.652	0.005	6.634	0.005		0.017	0.006	T	0.04	0.01	L	6.6536	0.0008	0.005	97		6.64	6.67		C			1						S
42607	8.296	0.007	7.818	0.009		0.456	0.015	G	0.53	0.02	H	7.8784	0.0010	0.012	99		7.85	7.90		C			1						S
42608	10.685	0.052	8.731	0.018		1.621	0.044	T	1.64	0.04	L	8.7024	0.0025	0.015	78		8.67	8.74		C			1						
42609	9.279	0.012	8.706	0.011		0.548	0.015	G	0.62	0.01	H	8.7438	0.0015	0.022	158		8.71	8.78		C			1						
42610	7.781	0.006	7.722	0.009		0.053	0.010	T	0.07	0.01	L	7.7457	0.0011	0.009	115		7.73	7.76		C			1						S
42611	10.685	0.032	9.077	0.015		1.347	0.028	T	1.31	0.03	L	9.0730	0.0017	0.019	156		9.04	9.11					1						
42612	9.293	0.018	8.558	0.015		0.630	0.015	G	0.70	0.01	H	8.6140	0.0017	0.013	77		8.59	8.64		C			1						
42613	6.591	0.004	6.681	0.005		−0.088	0.002	G	−0.07	0.00	H	6.6839	0.0010	0.007	115		6.67	6.70		C			1						S
42614	5.644	0.002	5.859	0.003		−0.186	0.003	T	−0.20	0.00	L	5.8299	0.0005	0.006	122		5.82	5.84		C			1						S
42615						1.660	0.218	G	1.67	0.24	R	11.3810	0.0060	0.059	148		11.27	11.48					1 X						G
42616	9.663	0.017	8.500	0.011		0.986	0.015	G	0.97	0.01	H	8.5562	0.0013	0.014	133		8.53	8.58		C			1						S
42617	10.394	0.030	8.569	0.013		1.550	0.027	T	2.43	0.06	O	8.3721	0.0027	0.025	110		8.33	8.41		U 2			1						
42618	10.336	0.034	9.732	0.032		0.563	0.041	T	0.64	0.04	L	9.7665	0.0021	0.024	107		9.73	9.82		C			1						G
42619	11.084	0.042	10.707	0.049		0.357	0.060	T	0.42	0.07	L	10.7595	0.0049	0.093	199		10.69	11.29	2.32	P 1 A			1 X						G Y
42620	7.828	0.007	7.586	0.007		0.231	0.009	T	0.26	0.01	L	7.6299	0.0010	0.009	122		7.61	7.65					1						S
42621	9.281	0.019	9.128	0.023		0.147	0.028	T	0.16	0.03	L	9.1601	0.0024	0.014	65		9.14	9.20		C			1						
42622	8.834	0.013	8.300	0.012		0.509	0.013	T	0.58	0.01	L	8.3541	0.0017	0.014	108		8.33	8.37		C			1						
42623	9.086	0.011	8.447	0.010		0.617	0.015	G	0.69	0.01	H	8.5013	0.0010	0.013	146		8.48	8.53					1						S
42624	4.920	0.002	4.785	0.002		0.137	0.029	G	0.25	0.02	A	4.8052	0.0006	0.005	127		4.80	4.81					1						S
42625	9.926	0.017	8.456	0.009		1.238	0.015	T	1.20	0.01	L	8.4849	0.0014	0.018	191		8.45	8.51		C			1						
42626	9.181	0.011	9.270	0.016	*	−0.076	0.017	T	−0.06	0.02	L	*	9.1438	0.0023	0.028	194	*	9.10	9.19		D	08412−3005	I 1	2 C	A	AB	140	0.995	0.006	1.30	0.02	
42627	8.264	0.014	7.635	0.011		0.598	0.015	G	0.67	0.01	H		7.6828	0.0012	0.009	59		7.66	7.70		C			1						S
42628	6.874	0.006	6.758	0.006	*	0.112	0.007	T	0.13	0.01	L	*	6.7638	0.0008	0.007	85	*	6.75	6.78		D	08413+2029	I 1	2 C	A	AB	85	0.454	0.006	1.37	0.02	S
42629	9.702	0.024	7.777	0.010		1.598	0.021	T	1.62	0.02	L		7.7340	0.0019	0.013	81		7.71	7.76					1						S
42630	9.713	0.027	8.582	0.018		0.973	0.025	T	0.96	0.02	L		8.6720	0.0015	0.012	70		8.65	8.69		C			1						
42631	7.711	0.008	7.575	0.008		0.107	0.004	G	0.12	0.00	H		7.6004	0.0012	0.008	71		7.59	7.62		C			1						S
42632	10.144	0.032	9.018	0.021		0.969	0.030	T	0.95	0.02	L		9.0693	0.0022	0.019	75		9.04	9.11		C			1						
42633	9.237	0.013	8.048	0.008		1.018	0.012	T	0.99	0.01	L		8.1016	0.0013	0.015	193		8.08	8.13					1						
42634	8.519	0.012	7.652	0.010		0.760	0.012	T	0.80	0.01	L		7.7280	0.0012	0.008	85		7.71	7.74		C			1						S
42635	10.531	0.044	9.055	0.022		1.243	0.039	T	1.20	0.04	L		9.0523	0.0021	0.018	86		9.00	9.09					1						
42636	10.072	0.028	9.578	0.027		0.465	0.035	T	0.54	0.04	L		9.6747	0.0027	0.024	85		9.64	9.71		C			1						
42637	5.335	0.003	5.445	0.003		−0.101	0.001	G	−0.08	0.00	H		5.4346	0.0005	0.005	140		5.43	5.44		C			1						S
42638	10.757	0.040	9.192	0.017		1.313	0.034	T	1.27	0.04	L		9.2361	0.0024	0.018	105		9.20	9.26					1						
42639	8.733	0.010	8.173	0.009		0.531	0.015	G	0.60	0.02	H		8.2275	0.0014	0.013	115		8.21	8.25		C			1						S
42640	8.354	0.008	7.967	0.009		0.378	0.010	T	0.44	0.01	L		8.0141	0.0014	0.016	173		7.99	8.05					1						
42641	10.455	0.019	9.166	0.011		1.096	0.017	T	1.06	0.02	L		9.2006	0.0015	0.024	263		9.16	9.24					1						
42642	10.947	0.050	8.911	0.016		1.724	0.043	T	2.08	0.10	O		8.7876	0.0027	0.023	109		8.75	8.82		U			1						
42643	11.542	0.077	9.964	0.029		1.323	0.065	T	1.28	0.08	L		9.8844	0.0029	0.025	137		9.84	9.94					1						G
42644	7.552	0.006	7.113	0.006		0.428	0.007	T	0.50	0.01	L		7.1638	0.0008	0.009	98		7.15	7.18		C			1						S
42645	8.287	0.008	7.148	0.006		0.979	0.008	T	0.96	0.01	L		7.2012	0.0010	0.010	144		7.19	7.22					1						S
42646	9.918	0.039	9.415	0.039		0.484	0.042	T	0.56	0.04	L		9.3866	0.0018	0.020	125		9.36	9.42					1						
42647	9.661	0.019	9.297	0.020	A	0.500	0.495	G	0.40	0.07	L	*	9.1393	0.0017	0.013	116	*	9.12	9.17		D	08415+0649	I 1	2 C	A	AB	264	3.507	0.009	1.47	0.03	S
42648	9.360	0.017	7.981	0.010		1.167	0.015	T	1.13	0.01	L		8.0373	0.0010	0.012	95		8.02	8.06		C			1						S
42649	6.998	0.005	7.004	0.006	*	−0.001	0.007	T	0.02	0.01	L	*	7.0105	0.0009	0.010	115	*	7.00	7.03			08415−7337	H 1	2 C	B	AB	232	0.625	0.030	4.00	0.11	S
42650	12.287	0.185	11.133	0.107		1.390	0.020	G	1.65	0.05	I		11.1189	0.0050	0.051	112		11.04	11.20					1						G
42651	10.268	0.024	8.552	0.011		1.432	0.021	T	1.42	0.03	L		8.5368	0.0016	0.016	145		8.51	8.56					1						
42652	11.804	0.095	11.163	0.081	A	1.000	0.495	G	0.81	0.07	B	*	10.8176	0.0052	0.071	207	*	10.69	10.95		R	08416+6924	I 1	2 C	A	AB	232	3.173	0.019	0.25	0.05	S G
42653	6.556	0.004	6.680	0.005		−0.106	0.006	T	−0.09	0.01	L		6.6652	0.0008	0.007	131		6.65	6.67		C	08416−4500	I 1	1								S
42654	7.809	0.008	7.795	0.009		0.013	0.011	T	0.03	0.01	L		7.8151	0.0014	0.015	114		7.79	7.84					1						S
42655	9.422	0.018	8.774	0.016		0.580	0.015	G	0.65	0.01	H		8.8400	0.0018	0.016	118		8.81	8.86		C			1						
42656	11.991	0.097	9.945	0.024		1.694	0.080	T	1.72	0.08	L		9.8293	0.0030	0.032	187		9.77	9.88					1 S						
42657	9.023	0.015	7.650	0.009		1.162	0.014	T	1.12	0.01	L		7.6999	0.0020	0.014	125		7.68	7.72					1						S
42658	10.046	0.030	8.767	0.017		1.089	0.027	T	1.05	0.03	L		8.8159	0.0016	0.012	74		8.79	8.84		C			1 G						
42659	10.836	0.049	9.250	0.020		1.330	0.042	T	1.29	0.05	L		9.2813	0.0020	0.017	102		9.25	9.31		C			1						
42660	10.796	0.064	9.706	0.040	A	0.942	0.057	T	0.93	0.04	L		9.7859	0.0168	0.117	76	A	9.71	10.06		D	08417+1211	I 2	1 C P A								
42661	10.809	0.063	10.279	0.064	B	0.497	0.081	T	0.57	0.09	L		10.3658	0.0234			B				D	08417+1211	I 2	1 C I A								
42662	6.231	0.005	4.985	0.003		1.063	0.007	G	1.04	0.02	A		5.0383	0.0010	0.005	81		5.03	5.05			08417−1557	I 1	1						S		
42663	9.812	0.020	8.597	0.013		1.039	0.019	T	1.01	0.02	L		8.6465	0.0020	0.016	99		8.62	8.67		C			1						
42664	10.299	0.031	9.196	0.020		0.951	0.029	T	0.94	0.02	L		9.2654	0.0019	0.018	117		9.24	9.29					1						
42665	8.837	0.015	8.893	0.020		−0.048	0.022	T	−0.03	0.02	L		8.9139	0.0026	0.017	80		8.88	8.94		C			1						
42666	8.382	0.010	7.935	0.012		0.405	0.015	G	0.47	0.02	H		7.9918	0.0019	0.015	74		7.96	8.01		C			1						S
42667	9.768	0.023	8.698	0.016		0.927	0.021	T	0.92	0.01	L		8.7558	0.0013	0.013	76		8.72	8.78					1						S
42668	9.695	0.021	9.284	0.022		0.416	0.001	G	0.48	0.00	H		9.3295	0.0027	0.021	96		9.30	9.37		C			1						
42669	10.596	0.045	9.564	0.029		0.898	0.040	T	0.90	0.03	L		9.6110	0.0023	0.018	89		9.57	9.65		C			1 S						
42670	8.036	0.009	7.925	0.011		0.108	0.013	T	0.12	0.01	L		7.9501	0.0010	0.010	86		7.94	7.97		D			1						S
42671	10.216	0.023	8.721	0.012		1.258	0.020	T	1.22	0.02	L		8.7332	0.0015	0.016	139		8.70	8.77		C			1						
42672	11.849	0.104	10.353	0.044		1.259	0.089	T	1.22	0.09	L		10.3907	0.0028	0.025	113		10.35	10.43		C			1						G
42673	8.147	0.010	7.019	0.009		0.959	0.009	G	0.95	0.02	G		7.0645	0.0012	0.008	78		7.06	7.08		C			1						S
42674	9.782	0.026	8.001	0.012		1.514	0.024	T	2.41	0.06	O		7.8121	0.0052	0.036	65		7.74	7.85		U 2			1 S						P
42675	9.803	0.031	8.318	0.017		1.250	0.028	T	1.21	0.03	L		8.3256	0.0016	0.016	133		8.30	8.36					1						
42676	10.036	0.025	8.487	0.013		1.300	0.022	T	1.26	0.02	L		8.5007	0.0018	0.014	93		8.48	8.52					1						
42677	9.098	0.028	7.774	0.017		1.124	0.026	T	1.09	0.03	L		7.8432	0.0014	0.016	159		7.82	7.87					1						S
42678	9.655	0.028	7.686	0.012		1.633	0.024	T	1.66	0.03	L		7.5993	0.0018	0.014	108		7.58	7.63					1						S
42679	5.434	0.003	5.255	0.004		0.171	0.005	T	0.35	0.02	A		5.2752	0.0023	0.020	129		5.22	5.30		U 2			1						S
42680	10.976	0.042	10.338	0.037	B	0.566	0.003	G	0.64	0.00	H		10.6779	0.0378			B				D	08420+6201	I 2	1 C I A								
42681	9.374	0.022	8.339	0.014	*	0.900	0.020	T	0.90	0.01	L	*	8.4731	0.0015	0.013	90	*	8.45	8.50		D	08420+2348	I 1	2 C	A	AB	202	6.885	0.008	2.14	0.04	
42682	10.010	0.023	9.012	0.016		0.873	0.021	T	0.88	0.01	L		9.0869	0.0010	0.015	125		9.07	9.12					1						
42683	10.098	0.022	9.608	0.022	A	0.464	0.001	G	0.53	0.00	H		9.7165	0.0193	0.106	165	A	9.55	9.85		D	08420+6201	I 2	1 C P A								
42684	10.649	0.050	9.151	0.023		1.260	0.043	T	1.22	0.04	L		9.2040	0.0018	0.015	77		9.18	9.23		C			1						
42685	8.418	0.011	8.441	0.014	*	−0.019	0.016	T	0.00	0.01	L	*	8.3825	0.0015	0.014	124	*	8.36	8.42		D	08420−4236	I 1	2 C	A	AB	171	0.782	0.003	0.09	0.01	
42686	9.737	0.023	9.369	0.024		0.349	0.031	T	0.41	0.04	L		9.4330	0.0027	0.020	97		9.40	9.47		C			1						
42687	8.853	0.010	8.839	0.013		0.013	0.014	T	0.03	0.01	L		8.8599	0.0018	0.020	130		8.82	8.90					1						
42688	9.662	0.019	7.810	0.009		1.540	0.017	T	1.59	0.04	L		7.7120	0.0015	0.017	115		7.68	7.74		U			1						S
42689	10.358	0.034	9.055	0.018		1.107	0.030	T	1.07	0.03	L		9.0968	0.0021	0.022	95		9.06	9.13					1						
42690	7.374	0.006	7.408	0.007		−0.028	0.008	T	−0.01	0.01	L		7.4173	0.0010	0.009	99		7.40	7.43		C			1						S
42691	8.337	0.012	7.855	0.012	*	0.466	0.013	T	0.54	0.01	L	*	7.9125	0.0017	0.010	72	*	7.89	7.93		D	08421−1726	I 1	2 C	A	AB	196	0.301	0.002	0.27	0.04	S
42692	9.859	0.024	8.542	0.014		1.118	0.022	T	1.08	0.02	L		8.6041	0.0013	0.016	86		8.57	8.64		D			1						S
42693	8.275	0.009	7.932	0.008		0.348	0.015	G	0.41	0.02	H		7.9828	0.0011	0.013	147		7.96	8.01		C			1						S
42694	9.000	0.012	8.516	0.012		0.456	0.015	T	0.53	0.02	L		8.5855	0.0023	0.021	129		8.56	8.62					1						S
42695	8.709	0.020	7.932	0.017	*	0.661	0.008	G	0.72	0.01	H	*	7.9582	0.0016	0.013	112	*	7.94	7.98		D	08421−5245	I 1	2 C	A	AB	77	0.322	0.009	1.40	0.12	S
42696	8.727	0.011	8.582	0.012		0.140	0.015	T	0.15	0.01	L		8.5980	0.0018	0.016	106		8.57	8.63		C			1						S
42697	9.260	0.015	8.212	0.010		0.904	0.002	G	0.96	0.02	A		8.2543	0.0016	0.017	126		8.22	8.28			08421−4256	I 1	1								
42698	8.158	0.012	8.274	0.016	A	−0.073	0.008	G	−0.05	0.01	H	*	8.2086	0.0013	0.014	125	*	8.19	8.24		C	08421−4815	I 1	2 C	C	AB	238	1.296	0.059	3.67	0.25	
42699	9.285	0.018	9.002	0.019		0.269	0.025	T	0.30	0.03	L		9.0497	0.0018	0.016	83		9.01	9.09		C			1						
42700	9.398	0.019	7.655	0.009		1.482	0.017	T	2.78	0.03	O		7.3581	0.0058	0.090	70		7.26	7.49		U 2			1 S						S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
*42701		08 42 09.83	−11 57 57.5	6.46		H	130.540 957 80	−11.965 973 46		8.60	−27.96	−14.40	0.65	0.45	0.80	0.82	0.49	−17	+23	−9	+12	−22	−9	−19	+11	+5	−31	0	0.84
*42702		08 42 09.98	−52 58 03.9	7.38		G	130.541 587 40	−52.967 738 84		6.47	−25.90	23.17	0.52	0.53	0.59	0.67	0.57	+23	+5	−3	+2	−8	+7	−6	−18	+10	+24	0	−1.62
*42703		08 42 10.05	+25 02 29.7	10.97		H	130.541 874 65	+25.041 575 67		23.67	−112.99	1.02	2.48	1.58	2.85	3.38	2.16	+3	−6	−37	+14	+25	−33	+16	+39	−25	+13	0	−1.00
*42704		08 42 10.49	+10 26 18.4	8.65		H	130.543 714 05	+10.438 453 61		3.38	6.84	−21.00	1.11	0.66	1.23	1.36	0.91	−4	+16	−28	−15	+4	−18	−3	+42	−21	+0	0	0.45
*42705		08 42 10.83	+18 56 03.9	7.90		H	130.545 123 63	+18.934 406 18		7.64	−37.31	−13.84	1.07	0.55	1.07	1.22	0.74	−3	+28	−26	−39	+2	−33	−10	+31	−21	+6	0	0.75
*42706		08 42 12.36	−54 09 13.7	8.67		G	130.551 489 56	−54.153 794 00		4.07	−11.46	0.75	0.60	0.60	0.69	0.77	0.70	+7	+2	+1	+3	−1	+1	+0	−18	+8	+11	0	−0.93
*42707		08 42 12.59	−32 13 52.9	7.30		H	130.552 466 54	−32.231 351 28		3.62	−12.16	2.80	0.40	0.44	0.64	0.46	0.45	+25	+3	+5	+7	+17	+6	+16	−3	+6	+35	0	0.45
*42708		08 42 04.45	−89 27 37.8	7.20	1	H	130.518 546 07	−89.460 501 80		2.39	16.38	−13.30	0.52	0.51	0.60	0.65	0.66	−5	+18	+9	−5	−10	−8	−5	+13	+11	−22	0	−0.17
42709		08 42 14.44	−68 51 37.3	11.18		H	130.560 185 13	−68.860 357 66		14.07	181.70	−49.51	4.26	3.68	4.25	5.30	3.80	+3	+20	+16	−22	−3	−10	+1	−18	+8	−14	1	
42710		08 42 15.45	+27 56 00.5	11.46		H	130.564 357 42	+27.933 483 22		−1.02	11.71	−6.32	2.40	1.33	2.60	3.21	1.79	−16	+5	−6	−10	+13	+0	+12	−3	−22	−21	0	0.28
42711		08 42 16.03	−21 20 26.4	9.32		H	130.566 809 04	−21.340 678 38		4.37	−11.64	9.74	0.99	0.81	1.39	1.13	0.80	−20	−7	−13	+26	−11	−17	−15	+16	+8	−34	0	−0.10
42712	H	08 42 16.20	−48 05 56.8	5.48	1	H	130.567 489 55	−48.099 099 00	A	1.93	−4.92	3.51	0.59	0.56	0.57	0.60	0.49	−22	+9	+5	+14	−8	−13	−7	+9	+7	−19	6	1.07
42713		08 42 16.94	+50 39 14.9	9.10		H	130.570 570 47	+50.654 136 03		2.23	3.53	−1.82	1.36	0.99	1.59	1.72	0.90	−17	−16	+6	−13	+20	+12	+32	−53	−14	+30	0	−0.02
42714		08 42 18.24	−53 54 08.4	9.34	2	H	130.576 006 46	−53.902 326 05		7.81	−24.83	23.51	0.81	0.86	0.94	1.06	0.95	−3	+7	+4	+0	−2	−8	+1	−28	+9	+1	0	1.73
42715	H	08 42 19.02	−53 06 00.4	5.49	1	H	130.579 229 31	−53.100 114 85	B	6.75	−23.22	24.05	0.52	0.55	0.53	0.59	0.52	+11	+9	+3	−1	−3	−5	−4	−17	−5	+11	10	−0.23
42716		08 42 20.48	+85 40 50.3	10.88		H	130.585 351 38	+85.680 643 74		15.02	−62.36	−221.54	1.48	1.32	1.73	1.87	1.37	+4	+16	−26	+17	−5	+13	+1	+9	+6	+31	5	0.81
42717		08 42 20.90	−55 46 28.8	6.26		H	130.587 080 68	−55.774 657 71		9.86	−73.99	41.57	0.43	0.44	0.48	0.43	0.48	+16	+1	−2	+2	−16	+9	−18	−13	+18	+4	0	−0.74
42718		08 42 21.18	−13 17 37.0	8.36		H	130.588 241 75	−13.293 612 65		2.56	6.37	−19.36	0.81	0.57	0.98	0.94	0.61	−12	+23	−9	−14	−28	−13	−21	+15	+3	−32	0	−2.07
42719		08 42 22.14	−55 43 29.7	9.02		H	130.592 257 63	−55.724 922 41		0.73	−14.57	9.51	0.70	0.74	0.79	0.74	0.80	+14	+1	+4	−13	−12	+8	−14	−22	+12	−2	0	−1.68
42720		08 42 22.56	−46 34 45.7	7.86		H	130.594 001 26	−46.579 360 56		3.55	−4.86	3.79	0.59	0.52	0.67	0.76	0.55	+11	+3	+7	+3	+11	+0	+10	−2	+17	+11	1	0.98
42721		08 42 22.71	−40 33 51.3	9.19		G	130.594 630 36	−40.564 244 53		2.42	−21.02	19.31	0.66	0.73	0.91	0.66	0.77	−6	+15	+8	+5	−4	+13	−4	+8	+6	−12	0	0.80
42722		08 42 23.89	−65 14 17.9	8.28		H	130.599 543 89	−65.238 305 26		8.30	−13.91	15.95	0.55	0.57	0.61	0.59	0.62	−15	−2	+5	−7	+4	−1	+4	−12	+3	−26	1	2.18
42723		08 42 25.11	+04 34 42.9	7.61		H	130.604 615 06	+04.578 584 85		15.49	24.96	−200.48	0.85	0.59	1.10	1.20	0.81	−21	+11	−27	−2	+2	−21	−8	+49	−18	−9	0	1.16
42724		08 42 25.18	+25 02 28.8	8.87		H	130.604 910 80	+25.041 333 13		1.56	−11.72	−5.07	1.20	0.70	1.39	1.59	1.03	−2	+2	−19	+2	+15	−44	+12	+38	−16	+1	0	2.26
42725		08 42 25.30	+63 05 48.4	8.80		H	130.605 425 15	+63.096 774 43		2.21	1.72	1.60	0.84	0.78	1.18	0.88	0.92	+13	−1	+6	+25	+2	+10	+3	+12	+17	+29	1	0.92
42726		08 42 25.41	−53 06 50.5	4.83	1	G	130.605 876 70	−53.114 040 62		6.80	−24.88	23.21	0.41	0.40	0.46	0.51	0.42	+17	+10	+2	+12	−5	−3	−2	−16	+10	+23	0	−0.34
42727		08 42 25.67	−71 06 47.8	10.33		H	130.606 955 27	−71.113 280 50		18.55	61.60	−108.76	1.19	1.06	1.21	1.46	1.04	−4	+8	+7	−15	−15	+16	−11	−10	+13	−11	0	−0.17
42728		08 42 28.31	−47 31 16.4	6.73		H	130.617 974 03	−47.521 209 14		9.76	−11.51	−45.09	0.75	0.72	0.88	0.90	0.77	+4	−4	+6	+7	−1	+1	−3	−18	+9	+0	0	
42729	H	08 42 29.22	−59 31 38.4	7.84		G	130.621 761 93	−59.527 336 58	A	3.15	−3.99	9.00	1.02	0.95	0.96	0.99	0.89	+8	+13	+4	+18	+6	+15	−6	−4	−4	−22	2	−0.01
42730	H	08 42 29.33	+36 56 28.6	9.98		H	130.622 213 34	+36.941 265 61	A	11.30	−39.31	−89.04	3.56	2.25	3.33	3.46	2.22	−13	−11	+8	−25	−13	+7	−5	+4	−10	−51	1	−0.16
42731		08 42 30.47	+63 23 53.1	8.86		H	130.626 949 89	+63.398 076 55		9.59	41.31	−52.96	0.85	0.88	1.35	0.85	1.00	−10	+7	−3	+27	−3	+4	+2	+8	+11	+8	0	−0.11
*42732		08 42 30.68	−08 29 54.7	7.01		H	130.627 832 54	−08.498 532 83		5.59	−25.84	6.10	0.77	0.57	1.10	1.03	0.70	−9	+6	−18	−12	+4	−31	−8	+36	−24	+2	0	0.78
*42733		08 42 30.64	−32 20 32.1	10.09	2	H	130.627 661 38	−32.342 241 97		4.88	−23.62	−5.69	0.81	0.90	1.27	0.86	0.92	+13	+4	+4	+4	+8	+4	+9	−18	−1	+24	3	2.00
42734		08 42 30.80	+34 11 18.2	7.42		H	130.628 320 42	+34.188 402 49		21.51	31.48	−290.07	0.86	0.56	0.95	1.09	0.80	−11	+23	+6	+1	+5	−10	+4	+3	−10	−22	0	0.13
42735		08 42 32.04	−26 18 44.1	8.43	2	H	130.633 507 06	−26.312 241 66		0.16	−5.65	3.87	0.63	0.65	1.03	0.79	0.65	−21	+14	+0	−13	−17	−15	−11	+25	+8	−28	0	2.59
42736		08 42 33.16	−24 12 42.6	7.95		H	130.638 150 75	−24.211 831 11		3.38	−8.72	2.97	0.64	0.58	0.91	0.66	0.62	−6	+6	−1	+44	−3	+11	−5	+21	+1	−15	0	0.52
42737		08 42 33.63	−22 23 10.2	7.80		H	130.640 111 68	−22.386 170 90		0.82	−8.97	5.41	0.62	0.50	0.85	0.75	0.51	−4	+21	+1	+24	−8	−10	−6	+22	+9	−15	1	1.46
42738		08 42 34.84	−48 09 49.0	7.25		H	130.645 169 73	−48.163 599 75		1.29	−3.74	2.94	0.74	0.72	0.87	0.83	0.78	−1	+5	+3	−16	+1	−1	+1	−20	+15	−13	1	
42739		08 42 36.99	−04 24 36.6	6.90		H	130.654 129 50	−04.410 157 57		2.06	4.50	−27.64	0.67	0.57	0.94	0.80	0.71	−23	+22	−37	−15	+2	−31	−12	+35	−29	−16	2	2.98
42740		08 42 37.93	−37 22 58.2	7.66		H	130.658 040 47	−37.382 840 69		3.21	22.26	−35.23	0.48	0.54	0.70	0.52	0.58	+3	−2	+16	+5	+0	+5	−1	−2	−5	−11	0	−1.10
42741		08 42 39.17	−34 31 39.1	9.70		H	130.663 214 11	−34.527 540 39		9.95	−17.45	−83.12	0.89	0.93	1.38	1.14	1.09	+12	−12	−8	−5	−3	+18	−4	−12	+24	+15	0	−0.02
42742		08 42 40.22	−15 59 09.8	8.27		H	130.667 574 01	−15.986 067 22		1.26	−14.89	−0.35	0.78	0.66	1.08	0.89	0.72	−18	+18	−9	−8	−19	−15	−17	+19	−4	−32	0	0.07
42743		08 42 40.58	+22 06 32.4	9.47		H	130.669 090 41	+22.109 004 63		3.10	6.38	−5.14	1.31	0.72	1.23	1.52	1.06	−7	+21	−12	−46	−15	−23	−12	+26	−11	−20	0	−0.93
42744		08 42 41.74	+39 03 41.2	7.46	2	H	130.673 909 94	+39.061 440 56		1.95	−0.41	6.51	0.80	0.56	0.97	0.89	0.72	−36	+26	−17	−13	−17	−19	−16	+13	+6	−53	0	−0.44
42745		08 42 42.50	+56 23 17.9	8.95		H	130.677 070 73	+56.388 317 30		2.72	−2.39	−11.02	0.98	0.79	1.28	1.18	0.89	−1	+33	−17	−40	−18	−12	−14	−8	+12	+2	0	−2.10
42746	H	08 42 42.67	+26 03 20.7	8.97		H	130.677 791 18	+26.055 752 90	A	4.98	−39.72	−24.28	2.20	1.31	2.19	2.68	1.69	−21	+32	−28	+7	+8	−11	+2	+41	−23	−4	1	−0.27
42747		08 42 43.44	−47 14 24.9	8.40		H	130.680 991 35	−47.240 255 89		3.84	−20.19	−20.11	0.67	0.66	0.80	0.79	0.65	−1	−3	+16	+10	+7	+3	+5	−15	+6	+0	1	0.23
42748		08 42 44.40	+09 33 29.7	9.62		G	130.685 014 99	+09.558 239 81		74.95	216.27	−634.11	12.08	7.86	13.82	17.62	11.27	−20	+18	−31	−11	−4	+7	−13	+43	−25	−2	0	
42749		08 42 44.94	−57 12 09.3	8.88		H	130.687 267 67	−57.202 584 52		5.87	−0.50	−23.19	0.67	0.70	0.77	0.70	0.79	−3	+3	+13	+13	−11	+1	−14	−4	+0	−17	0	−0.82
42750		08 42 45.39	+32 20 13.2	8.74		H	130.689 106 48	+32.337 004 32		1.50	3.97	−17.69	1.20	0.67	1.33	1.57	0.96	−8	+23	−16	+0	+1	−29	−5	+15	−8	−16	0	1.20
42751		08 42 46.02	−34 41 51.0	9.38		H	130.691 768 46	−34.697 503 49		12.07	36.33	−29.35	0.78	0.83	1.26	0.89	0.94	+8	−6	−10	+1	−8	+29	−7	−18	+26	+16	0	1.94
42752		08 42 46.20	−25 52 40.1	8.09		G	130.692 499 31	−25.877 813 52		0.60	−5.34	3.61	0.74	0.64	1.00	0.89	0.62	−13	+3	+5	+41	−7	−10	−7	+17	−3	−14	3	2.15
42753		08 42 46.23	+31 51 45.7	7.18		H	130.692 641 92	+31.862 701 64		20.62	−33.60	−41.03	0.83	0.50	0.95	1.05	0.69	−14	+26	−14	−9	−4	−39	−6	+16	+10	−28	0	−0.49
42754		08 42 47.45	−46 48 26.9	6.92		G	130.697 707 87	−46.807 470 56		12.93	−95.01	84.61	0.50	0.45	0.57	0.61	0.46	+10	−2	+6	+13	+9	+2	+8	−10	+11	+16	1	−0.34
*42755		08 42 48.00	−57 34 39.3	8.61		H	130.699 988 21	−57.577 581 72		4.05	−15.39	34.53	0.74	0.70	0.81	0.84	0.84	−3	+3	+12	+16	−12	−5	−13	+4	+4	−15	0	1.03
*42756		08 42 48.00	−34 44 02.6	8.34	2	H	130.699 987 10	−34.734 068 03		1.58	0.93	3.80	0.61	0.65	0.90	0.69	0.68	+7	−7	−18	+0	−8	+26	−2	−33	+16	+16	0	2.10
42757		08 42 48.25	−24 26 20.9	8.11		H	130.701 058 91	−24.439 151 54		0.70	−9.27	5.55	0.58	0.58	0.87	0.59	0.62	−8	+3	−2	+37	−3	+14	−4	+24	+1	−19	0	2.18
42758	H	08 42 48.29	−36 30 49.3	8.63		H	130.701 197 31	−36.513 694 99	A	13.95	−56.24	70.79	0.88	1.01	1.20	0.90	0.99	+11	+9	+10	+12	+13	+19	+10	−4	+7	+2	2	0.38
42759		08 42 49.15	−04 37 24.9	8.59		H	130.704 791 11	−04.623 583 33		1.32	19.02	−19.97	0.83	0.70	1.12	0.97	0.86	−26	+24	−30	−22	−1	−32	−12	+30	−23	−24	0	0.83
42760		08 42 51.30	+73 10 09.2	6.95		H	130.713 737 74	+73.169 216 48		4.13	−6.04	−4.85	0.45	0.44	0.63	0.55	0.51	+13	+17	−14	+14	−3	+13	+0	+3	+0	+24	0	−0.02
42761		08 42 51.48	+48 09 11.1	9.29		H	130.714 491 03	+48.153 073 86		−0.04	−16.89	−5.88	2.76	2.22	3.15	3.61	2.53	−18	+23	−18	+0	+0	+17	+0	−18	−8	−19	0	
*42762		08 42 52.10	+09 33 16.5	11.83		G	130.717 068 48	+09.554 596 80		64.56	223.69	−616.13	3.58	2.00	3.92	4.88	2.93	−16	+37	−26	−13	−6	+7	−16	+43	−26	−2	0	−1.08
*42763		08 42 52.00	+31 43 20.6	8.86		H	130.716 666 92	+31.722 383 91		9.03	−81.85	−126.73	1.11	0.67	1.23	1.42	1.00	−16	+36	−7	+2	−6	−26	−3	+28	+11	−24	0	0.47
42764		08 42 52.41	+17 08 01.7	8.77		H	130.718 367 85	+17.133 797 91		7.55	−45.26	−12.55	1.46	0.64	1.39	1.67	0.92	+4	−10	−32	−54	−6	−13	−2	+40	−35	−4	0	−0.21
42765		08 42 52.84	−51 40 04.8	9.26		H	130.720 167 84	−51.667 992 11		2.32	−0.75	−4.93	0.75	0.75	0.86	0.91	0.85	−7	+18	−10	+1	+2	+3	+6	−19	+11	+7	3	−0.40
42766		08 42 53.09	+20 49 09.4	8.84		H	130.721 197 71	+20.819 272 75		7.90	−35.90	−15.30	1.16	0.66	1.17	1.64	0.96	+13	−5	−19	+21	+25	−30	+22	+39	−16	+19	0	0.75
42767		08 42 53.25	−53 45 00.8	8.12		H	130.721 879 12	−53.750 221 72		4.58	−16.26	8.80	0.56	0.60	0.65	0.69	0.70	+9	+9	−6	+1	−9	+3	−9	−22	−1	+9	1	0.43
42768		08 42 53.62	+42 50 41.7	9.43		H	130.723 425 95	+42.844 929 15		8.38	−0.06	4.51	1.34	0.87	1.47	1.63	1.14	−16	+26	−16	−7	−21	+7	−20	+13	−13	−29	0	−1.18
42769		08 42 53.79	−09 48 19.8	6.90		H	130.724 105 12	−09.805 510 93		9.23	−23.52	−21.54	0.72	0.47	0.93	0.87	0.53	−11	+23	−9	−13	−24	−22	−16	+8	+18	−35	0	0.66
*42770		08 42 54.19	+16 26 59.6	7.80		H	130.725 781 34	+16.449 878 36		6.61	−4.89	−4.36	1.23	0.58	1.21	1.83	0.82	−11	+4	−35	−53	+15	−26	−8	+35	−30	+17	0	1.07
*42771		08 42 54.19	−45 27 49.2	8.16		G	130.725 780 30	−45.463 663 28		2.63	−25.87	17.52	0.68	0.58	0.77	0.83	0.63	+8	+17	−4	−22	−1	−8	+2	−19	+22	+1	0	−2.88
42772		08 42 55.76	−41 09 31.0	9.00		H	130.732 350 31	−41.158 597 52		2.43	−24.58	3.63	0.68	0.77	0.95	0.77	0.85	−1	+0	−6	+8	−2	+13	−1	−1	+14	+7	0	−0.24
42773		08 42 56.25	+48 11 34.1	7.88		G	130.734 357 44	+48.192 804 08		17.12	−52.06	−103.94	0.95	0.64	1.04	1.25	0.76	−15	+28	−19	+34	−1	−21	−11	+1	−4	−21	0	1.54
42774	H	08 42 56.66	−77 07 04.1	8.09		G	130.736 072 81	−77.117 811 51	*	2.16	−4.47	9.32	1.15	0.98	0.76	0.78	0.69	−6	+7	+25	+4	−11	−2	−10	−6	+0	−19	0	0.67
42775		08 42 57.01	−35 56 36.1	6.42		G	130.737 527 24	−35.943 349 76		7.43	−10.54	20.21	0.39	0.43	0.57	0.43	0.43	+11	+0	+6	+3	+8	+12	+6	−14	−2	+9	1	1.21
42776	H	08 42 57.18	−02 41 46.7	8.06		H	130.738 259 07	−02.696 304 10	A	4.22	−13.83	−26.21	3.30	2.52	2.71	3.32	2.79	−29	+21	−18	−47	+0	−41	−10	+16	−19	−25	1	1.09
42777		08 43 00.19	+46 54 03.6	6.21		H	130.750 809 39	+46.900 995 32		7.92	−47.90	−61.63	0.70	0.51	0.78	0.96	0.61	−6	+15	−13	+14	+7	−8	+6	−11	−9	+6	2	0.15
42778		08 43 00.40	+49 17 46.0	10.64		H	130.751 650 18	+49.296 119 79	B	−8.53	−13.33	−18.57	21.85	14.75	11.76	16.47	12.04	−12	+37	−21	−2	−8	+8	−7	−9	−2	−7	0	0.65
42779		08 43 00.61	+70 09 52.7	7.22	1	H	130.752 560 60	+70.164 632 76		2.24	−36.41	−40.46	0.46	0.52	0.76	0.55	0.62	+27	+3	−12	+7	−3	+18	+1	−1	+8	+43	0	1.06
*42780		08 43 02.07	+49 18 08.5	8.59		H	130.758 605 47	+49.302 351 34	A	2.02	4.68	−7.31	2.97	2.10	2.43	3.34	2.49	−18	+29	−28	−11	−9	+8	−9	−11	−6	−7	0	0.65
*42781		08 43 02.05	+60 55 48.6	7.28		H	130.758 532 91	+60.930 164 65		4.74	−12.37	−32.65	0.50	0.53	0.88	0.54	0.58	−11	+13	−2	+40	−11	+4	−1	+5	−5	+17	0	2.30
42782		08 43 02.80	+40 13 49.0	9.05		H	130.761 678 24	+40.230 274 70		1.77	4.96	−9.43	1.03	0.64	1.21	1.26	0.88	−23	+38	−8	+2	−11	−12	−13	+5	−2	−49	0	0.43
42783		08 43 02.83	+24 08 14.0	10.10		G	130.761 810 74	+24.137 227 57		28.86	−111.31	−25.34	1.92	1.23	1.82	2.70	1.39	−13	+24	−42	−58	−4	−25	−25	+15	−16	+19	0	0.56
42784		08 43 02.87	−17 11 51.0	8.91		H	130.761 942 04	−17.197 491 71		0.52	−17.89	9.77	1.10	0.77	1.27	1.57	0.80	−17	+5	+5	+19	−48	−23	−39	+28	+13	−28	2	2.07
42785		08 43 03.94	−29 31 27.7	7.91		H	130.766 427 20	−29.524 359 47		−0.15	−9.18	3.13	0.44	0.55	0.81	0.51	0.62	+7	−9	−6	+9	−11	+3	−13	+0	+9	−13	1	1.85
42786		08 43 04.15	+49 59 15.7	8.52		H	130.767 285 96	+49.987 683 96		8.64	−30.79	−107.34	1.08	0.77	1.28	1.61	0.87	−13	+9	−16	−9	+8	+3	+17	−34	+8	+45	0	−1.52
42787		08 43 04.34	−48 11 03.6	8.88		G	130.768 102 98	−48.184 345 09		3.29	−6.01	5.13	0.78	0.74	0.92	0.95	0.75	−3	+3	+17	−4	+2	−14	+3	−16	+1	−9	0	0.96
42788		08 43 06.89	−45 33 42.3	6.87		H	130.778 698 53	−45.561 758 68		2.09	−8.57	5.37	0.53	0.45	0.61	0.65	0.47	+7	+18	+2	−20	+2	−12	+5	−14	+18	−1	0	0.22
42789		08 43 07.07	−47 05 24.9	8.69		H	130.779 449 66	−47.090 259 19		3.50	−4.43	15.03	0.74	0.69	0.85	0.86	0.68	+6	+6	+14	+7	+9	+4	+7	−17	+9	+2	0	−0.43
42790	H	08 43 07.67	−12 25 18.7	7.57		H	130.781 964 85	−12.421 867 92	*	7.49	−23.40	−29.42	1.37	0.78	1.04	1.02	0.63	−14	+8	−2	−27	−11	−14	−9	−18	−6	−29	1	−0.73
42791		08 43 08.36	+18 09 02.0	8.04		H	130.784 816 97	+18.150 554 79		3.16	−0.53	−2.43	1.02	0.59	1.11	1.22	0.78	−19	+35	−32	−23	+6	−25	−11	+41	−18	+0	0	2.30
42792		08 43 08.59	−43 18 49.9	8.58		H	130.785 773 00	−43.313 849 04		4.19	−22.55	16.68	0.62	0.63	0.79	0.68	0.75	−3	+2	+3	+11	−10	+4	−12	−5	+7	−14	0	1.03
42793		08 43 09.34	−14 59 47.0	8.73		H	130.788 905 01	−14.996 380 81		4.04	−10.14	3.92	0.86	0.63	1.06	1.05	0.68	−1	+10	−13	−10	−16	−16	−15	+12	−1	−10	0	0.52
42794		08 43 12.31	−79 04 12.5	6.05	3	H	130.801 286 86	−79.070 150 10		10.23	−30.83	28.12	0.42	0.41	0.46	0.47	0.41	+6	+8	+2	+15	−9	+5	−9	−15	+15	+1	0	0.82
42795		08 43 12.34	+12 40 51.1	5.62		H	130.801 396 80	+12.680 870 80		3.17	−9.98	2.10	0.82	0.46	0.91	1.00	0.64	−7	+32	−20	−16	+7	−35	−5	+39	−19	+4	0	1.56
42796		08 43 12.52	−63 14 00.7	9.31		H	130.802 162 15	−63.233 536 36		11.16	−44.33	74.53	0.75	0.74	0.89	0.79	0.83	−5	+19	+6	−28	−19	−31	−9	+5	+11	−39	1	0.76
42797		08 43 12.93	+14 06 28.5	7.94		H	130.803 856 73	+14.107 909 43		4.36	−35.06	−130.07	1.20	0.69	1.35	1.36	1.01	−28	+31	−37	−42	−4	−16	−17	+42	−37	−19	0	0.29
42798	H	08 43 13.09	+38 48 31.3	8.05		H	130.804 526 80	+38.808 699 34	A	8.79	37.74	14.95	2.90	1.91	2.66	2.82	1.87	−48	+7	−5	−20	−7	−3	−6	+4	−3	−46	1	−0.37
42799		08 43 13.49	+03 23 55.2	4.30		G	130.806 193 15	+03.398 665 39		6.99	−19.14	−1.29	0.74	0.49	0.92	1.04	0.63	+1	+16	−29	+32	+27	−31	+17	+51	−15	+13	2	−1.39
42800		08 43 13.67	−50 07 37.1	11.26		G	130.806 942 41	−50.126 959 26		10.68	−83.92	216.41	1.74	1.57	1.94	2.09	1.84	−3	+14	+28	−25	−7	−22	−1	−20	−4	−24	0	0.53

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
42701	6.653	0.005	6.473	0.005		0.160	0.004	G	0.18	0.00	H	6.5133	0.0008	0.007	103		6.50	6.53		C			1							S
42702	7.400	0.007	7.381	0.010		0.015	0.002	G	0.03	0.00	H	7.3876	0.0009	0.009	122		7.37	7.41		C			1							S
42703	12.382	0.334	11.168	0.168		1.094	0.087	G	1.17	0.12	I	11.1057	0.0049	0.034	67		11.04	11.16		C			1							G
42704	10.117	0.031	8.783	0.018		1.132	0.028	T	1.10	0.03	L	8.8235	0.0020	0.014	86		8.79	8.85		C			1							
42705	8.145	0.013	7.926	0.014		0.210	0.006	G	0.23	0.01	H	7.9644	0.0014	0.010	68		7.95	7.98		C			1							S P
42706	8.918	0.011	8.705	0.013		0.211	0.006	G	0.23	0.01	H	8.7306	0.0020	0.015	129		8.70	8.76					1							
42707	7.262	0.004	7.298	0.005		−0.024	0.005	G	0.00	0.01	H	7.3009	0.0008	0.011	213		7.28	7.32					1							S
42708	9.429	0.015	7.407	0.006		1.712	0.013	T	2.23	0.03	O	7.2552	0.0014	0.014	110		7.23	7.27		M			1							S
42709											T	11.3183	0.0071	0.053	107		11.23	11.41					1 X S							G
42710						0.659	0.126	G	0.72	0.10	R	11.6000	0.0057	0.047	76		11.53	11.66					1							G
42711	11.140	0.056	9.451	0.022		1.411	0.048	T	1.39	0.06	L	9.4623	0.0022	0.025	108		9.43	9.51					1							
42712	5.246	0.003	5.445	0.003	*	−0.172	0.004	T	−0.18	0.01	L *	5.4183	0.0020	0.014	124	*	5.40	5.44	1.12	P 1 A	08423−4806	I 1	2 C A	AB	311	0.496	0.009	2.78	0.04	S
42713	10.250	0.037	9.181	0.025		0.926	0.034	T	0.92	0.03	L	9.2586	0.0031	0.019	77		9.23	9.30		C			1							
42714	9.889	0.021	9.367	0.020		0.435	0.005	G	0.50	0.01	H	9.4390	0.0039	0.035	131		9.37	9.49		U 2	08423−5354	I 1	1 S							D
42715	5.317	0.003	5.463	0.004	*	−0.127	0.004	T	−0.12	0.01	L *	5.4480	0.0013	0.011	127	*	5.43	5.47	3.38	P 1 A	08424−5307	I 2	2 C A	BC	153	0.567	0.004	2.34	0.02	S P
42716	11.975	0.134	10.888	0.081		0.931	0.123	T	0.98	0.14	L	11.0234	0.0046	0.045	113		10.94	11.10			08424+8541	I 1	1							G
42717	7.790	0.008	6.384	0.005		1.178	0.002	G	1.19	0.04	E	6.4198	0.0008	0.007	109		6.41	6.43		C			1							S
42718	10.197	0.029	8.507	0.013		1.412	0.025	T	1.39	0.03	L	8.5012	0.0014	0.013	112		8.48	8.53		C			1							
42719	9.606	0.020	9.082	0.019		0.492	0.025	T	0.56	0.03	L	9.1255	0.0017	0.015	108		9.09	9.15					1 S							
42720	7.833	0.007	7.857	0.010		−0.021	0.001	G	0.00	0.00	H	7.8646	0.0013	0.012	124		7.84	7.88					1 S							S
42721	9.405	0.015	9.222	0.018		0.150	0.020	G	0.17	0.02	H	9.2508	0.0019	0.019	132		9.22	9.29		C			1							
42722	8.773	0.011	8.334	0.011		0.428	0.012	T	0.50	0.01	L	8.3813	0.0016	0.012	114		8.36	8.41		C			1							
42723	8.307	0.012	7.678	0.011		0.585	0.014	T	0.66	0.01	L	7.7415	0.0010	0.011	87		7.72	7.76					1							S
42724	10.618	0.052	8.961	0.021		1.386	0.044	T	1.36	0.05	L	9.0135	0.0020	0.014	74		8.99	9.05		C			1							
42725	8.951	0.014	8.819	0.017		0.127	0.021	T	0.14	0.02	L	8.8493	0.0021	0.023	112		8.81	8.89					1							S
42726	4.621	0.003	4.801	0.003		−0.173	0.007	G	−0.18	0.03	C	4.7789	0.0022	0.016	124		4.75	4.80	3.10	P 1 A	08424−5307	I 2	1 S							S
42727	11.640	0.095	10.418	0.051		1.044	0.084	T	1.01	0.07	L	10.4894	0.0051	0.041	106		10.42	10.56		R			1							G
42728	7.041	0.005	6.764	0.004		0.232	0.007	G	0.26	0.01	H	6.7983	0.0008	0.007	141		6.79	6.81					1 X S							S
42729	8.026	0.013	7.964	0.015	A	0.060	0.015	G	0.07	0.01	H *	7.8776	0.0010	0.012	133	*	7.86	7.90		D	08425−5932	I 1	2 C A	AB	35	1.220	0.006	1.24	0.02	S
42730	10.642	0.036	10.105	0.036	*	0.504	0.046	T	0.58	0.05	L *	10.0871	0.0029	0.025	115	*	10.04	10.15		D	08425+3656	M 1	2 C A	AB	204	0.468	0.004	0.58	0.03	
42731	9.614	0.021	8.914	0.018		0.645	0.023	T	0.71	0.02	L	8.9991	0.0026	0.021	113		8.96	9.04		C			1							S
42732	6.952	0.005	7.008	0.007		−0.046	0.008	T	−0.02	0.01	L	7.0065	0.0012	0.007	87		7.00	7.03			08425−0830	I 1	1 G							S
42733	10.532	0.024	10.111	0.027		0.407	0.015	G	0.47	0.02	H	10.1778	0.0165	0.173	215		10.01	10.53	0.56	P 1 A			1							G
42734	8.107	0.011	7.480	0.011		0.583	0.014	T	0.65	0.01	L	7.5435	0.0014	0.010	78		7.52	7.56		C			1							S
42735	10.553	0.031	8.636	0.012		1.626	0.027	T	2.14	0.07	O	8.4950	0.0019	0.026	155		8.45	8.53		U 2			1 S							
42736	9.243	0.015	8.042	0.010		1.028	0.014	T	1.00	0.01	L	8.1180	0.0012	0.013	109		8.10	8.14					1							
42737	8.156	0.007	7.844	0.007		0.296	0.009	T	0.34	0.01	L	7.8708	0.0016	0.014	124		7.85	7.91					1							S
42738	7.036	0.006	7.227	0.007		−0.161	0.005	G	−0.16	0.01	H	7.1956	0.0011	0.010	124		7.18	7.21			08426−4810	I 1	1 X							S
42739	8.701	0.012	7.049	0.007		1.382	0.011	T	1.35	0.01	L	7.0420	0.0010	0.007	77		7.03	7.05		C			1							S
42740	9.634	0.017	7.813	0.008		1.515	0.015	T	1.55	0.02	L	7.7806	0.0012	0.014	178		7.76	7.81					1							
42741	10.619	0.033	9.776	0.026		0.741	0.032	T	0.79	0.02	L	9.8439	0.0024	0.033	159		9.78	9.90					1							G
42742	9.909	0.034	8.398	0.017		1.271	0.030	T	1.23	0.03	L	8.4281	0.0018	0.018	88		8.39	8.46					1							
42743	11.542	0.111	9.622	0.035		1.628	0.096	T	1.73	0.17	K	9.5712	0.0022	0.018	81		9.54	9.60		C			1							
42744	9.638	0.019	7.647	0.008		1.687	0.017	T	1.89	0.07	O	7.5520	0.0065	0.063	104		7.48	7.65		U 2			1							S
42745	9.103	0.012	8.988	0.015		0.111	0.018	T	0.12	0.02	L	8.9930	0.0018	0.023	110		8.96	9.04					1							
42746	9.760	0.023	9.170	0.021	*	0.551	0.027	T	0.62	0.03	L *	9.0893	0.0020	0.014	90	*	9.06	9.12		D	08427+2603	I 1	2 C A	AB	185	0.985	0.005	1.22	0.03	
42747	9.933	0.033	8.539	0.019		1.140	0.015	G	1.10	0.02	H	8.5674	0.0016	0.014	139		8.55	8.60					1							
42748	11.446	0.092	9.785	0.035		1.400	0.042	G	1.85	0.02	A	9.6987	0.0025	0.024	78		9.66	9.73			08427+0933	I 1	1 X S							
42749	9.271	0.017	8.913	0.018		0.348	0.022	T	0.41	0.03	L	8.9635	0.0014	0.016	119		8.94	8.99		C			1							
42750	10.072	0.034	8.853	0.021		1.042	0.031	T	1.01	0.03	L	8.9051	0.0017	0.016	74		8.88	8.94		D			1							
42751	10.067	0.023	9.381	0.019		0.622	0.022	T	0.69	0.02	L	9.5113	0.0022	0.026	151		9.47	9.56					1							G
42752	8.246	0.008	8.070	0.009		0.149	0.002	G	0.16	0.00	H	8.1289	0.0008	0.014	100		8.11	8.15					1							S
42753	7.905	0.009	7.248	0.006		0.598	0.007	G	0.67	0.01	H	7.3129	0.0010	0.009	77		7.30	7.33		C			1							S
42754	7.222	0.005	6.950	0.005		0.274	0.010	G	0.31	0.01	H	6.9834	0.0008	0.009	128		6.97	7.00		C			1							S
42755	10.371	0.035	8.750	0.016		1.357	0.030	T	1.32	0.04	L	8.7613	0.0021	0.017	111		8.73	8.79		C			1							
42756	10.526	0.032	8.541	0.011		1.682	0.028	T	2.09	0.07	O	8.4116	0.0031	0.030	162		8.36	8.46		U 2			1							
42757	8.208	0.008	8.116	0.010		0.090	0.012	T	0.10	0.01	L	8.1513	0.0015	0.014	124		8.13	8.18					1							S
42758	9.390	0.016	8.759	0.014	A	0.500	0.495	G	0.66	0.02	L *	8.7535	0.0025	0.018	143	*	8.71	8.79			08428−3631	I 1	2 C A	AB	349	8.173	0.015	2.82	0.07	
42759	10.003	0.029	8.685	0.017		1.119	0.026	T	1.08	0.03	L	8.7525	0.0016	0.013	82		8.73	8.77		C			1							
42760	6.956	0.004	6.945	0.005		0.012	0.005	G	0.01	0.00	L	6.9582	0.0009	0.010	176		6.94	6.98					1							S
42761	10.498	0.041	9.351	0.026		0.986	0.038	T	0.97	0.03	L	9.4526	0.0029	0.020	65		9.42	9.49		D			1 X							
42762						1.550	0.040	G	2.44	0.17	I	11.7866	0.0087	0.073	75		11.64	11.92					1							G G
42763	9.691	0.022	8.926	0.018		0.697	0.022	T	0.75	0.02	L	9.0006	0.0023	0.013	79		8.97	9.03		C			1							
42764	9.287	0.018	8.815	0.018		0.445	0.023	T	0.51	0.02	L	8.8713	0.0016	0.014	71		8.85	8.89		C			1							S
42765	9.306	0.016	9.270	0.020		0.038	0.024	T	0.05	0.02	L	9.2786	0.0025	0.020	113		9.25	9.31					1							
42766	9.218	0.020	8.905	0.022		0.297	0.028	T	0.34	0.04	L	8.9196	0.0022	0.014	76		8.90	8.94		C			1							
42767	8.376	0.009	8.142	0.010		0.205	0.009	G	0.23	0.01	H	8.1807	0.0016	0.012	123		8.16	8.20		C			1							
42768	9.940	0.027	9.473	0.028		0.440	0.036	T	0.51	0.04	L	9.5250	0.0031	0.021	82		9.48	9.56					1							
42769	7.098	0.006	6.925	0.006		0.166	0.008	T	0.18	0.01	L	6.9594	0.0008	0.006	91		6.95	6.97		C			1							S
42770	7.925	0.010	7.810	0.012		0.111	0.015	T	0.12	0.01	L	7.8422	0.0011	0.009	67		7.83	7.86		C			1							S
42771	9.734	0.032	8.333	0.018		1.190	0.015	G	1.15	0.01	H	8.3272	0.0015	0.012	118		8.31	8.35		C			1							
42772	10.378	0.027	9.108	0.016		1.082	0.025	T	1.04	0.02	L	9.1713	0.0023	0.021	139		9.13	9.20					1							
42773	8.545	0.013	7.935	0.012		0.574	0.015	G	0.65	0.01	H	8.0019	0.0013	0.012	72		7.98	8.03		C			1							S
42774	8.060	0.008	8.036	0.010	*	0.031	0.015	G	0.05	0.01	H *	8.0494	0.0015	0.013	115	*	8.03	8.12		D	08429−7707	H 1	2 C A	AB	319	0.206	0.012	1.46	0.20	S
42775	6.448	0.003	6.422	0.003		0.019	0.001	G	0.04	0.00	H	6.4348	0.0007	0.008	170		6.42	6.45					1							S
42776	8.769	0.013	8.212	0.012	*	0.521	0.016	T	0.59	0.02	L *	8.1743	0.0015	0.009	76	*	8.15	8.19		D	08430−0242	I 1	2 C B	AB	157	0.746	0.004	0.01	0.02	
42777	7.465	0.009	6.324	0.005		0.981	0.008	T	0.96	0.01	L	6.3754	0.0011	0.008	69		6.36	6.39		C			1							S
42778	12.060	0.165	10.460	0.061	B	1.341	0.139	T	1.31	0.16	L	10.8079	0.0561			B				D	08430+4918	I 2	1 C I B							
42779	8.769	0.008	7.349	0.005		1.199	0.007	T	1.16	0.01	L	7.3797	0.0010	0.013	181		7.36	7.41		M			1							S
42780	10.225	0.035	8.706	0.018	A	1.277	0.031	T	1.24	0.03	L	8.7489	0.0117	0.015	59	A	8.71	8.78		D	08430+4918	I 2	1 C P B							
42781	8.539	0.009	7.394	0.006		0.984	0.008	T	0.96	0.01	L	7.4503	0.0010	0.013	166		7.42	7.47					1							S
42782	11.093	0.059	9.198	0.020		1.574	0.049	T	1.59	0.05	L	9.1628	0.0033	0.022	93		9.13	9.20					1							
42783	11.608	0.110	10.259	0.054		1.332	0.015	G	1.54	0.02	I	10.1970	0.0043	0.028	84		10.16	10.24					1 G							
42784	9.445	0.020	8.958	0.020		0.470	0.022	T	0.54	0.02	L	9.0180	0.0016	0.014	75		8.99	9.05		C			1							
42785	7.914	0.007	7.901	0.007		0.017	0.009	T	0.04	0.01	L	7.9228	0.0013	0.015	170		7.90	7.95					1							S
42786	9.185	0.017	8.569	0.016		0.574	0.020	T	0.65	0.02	L	8.6441	0.0019	0.015	79		8.61	8.67		C			1							S
42787	8.828	0.016	8.824	0.021		−0.050	0.015	G	−0.03	0.01	H	8.8844	0.0021	0.015	116		8.85	8.91		C			1							D
42788	8.807	0.018	7.011	0.009		1.510	0.015	G	1.54	0.02	H	6.9955	0.0011	0.009	119		6.98	7.01		C			1							S
42789	10.068	0.033	8.793	0.019		1.010	0.015	G	0.99	0.01	H	8.8526	0.0016	0.016	131		8.83	8.88					1							
42790	8.048	0.011	7.618	0.010	*	0.406	0.014	T	0.47	0.01	L *	7.6614	0.0009	0.008	96	*	7.65	7.67		D	08431−1225	I 1	2 C A	AB	4	0.293	0.002	0.29	0.03	S
42791	9.661	0.027	8.172	0.015		1.257	0.015	G	1.22	0.02	H	8.2044	0.0012	0.011	80		8.18	8.22		C			1							
42792	8.829	0.011	8.606	0.013		0.213	0.016	T	0.24	0.02	L	8.6435	0.0015	0.014	113		8.62	8.68					1							
42793	8.867	0.014	8.742	0.016		0.113	0.020	T	0.13	0.02	L	8.7741	0.0019	0.015	83		8.75	8.80		C			1							
42794	6.338	0.015	6.093	0.015		0.229	0.021	T	0.25	0.03	L	6.1158	0.0036	0.185	122		6.09	6.70	1.67	P 1 A			1							S P
42795	6.121	0.005	5.674	0.004		0.435	0.005	T	0.50	0.01	L	5.7193	0.0007	0.006	83		5.71	5.73					1							S
42796	10.036	0.025	9.391	0.022		0.592	0.025	T	0.66	0.02	L	9.4351	0.0025	0.020	109		9.40	9.47		C			1							
42797	9.029	0.016	8.056	0.012		0.854	0.015	T	0.87	0.01	L	8.0993	0.0015	0.009	68		8.08	8.12		C			1							S
42798	8.918	0.013	8.378	0.011	A	0.500	0.495	G	0.58	0.07	L *	8.1619	0.0011	0.011	102	*	8.14	8.19		D	08432+3849	I 1	2 C A	AB	7	1.329	0.008	0.30	0.02	S
42799	4.052	0.003	4.256	0.003		−0.192	0.006	G	−0.20	0.02	A	4.2274	0.0005	0.005	84		4.22	4.24		C			1							S
42800						1.016	0.015	G	1.06	0.02	I	11.4065	0.0055	0.052	103		11.30	11.48					1							G

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
42801		08 43 14.03	+63 20 04.0	8.44		H	130.808 463 16	+63.334 452 49		1.23	−49.29	−162.27	0.76	0.71	1.11	0.80	0.84	−8	+14	−9	+12	−3	+12	+5	−15	+4	+19	0	−0.82
42802		08 43 14.12	−34 04 19.5	8.63	2	H	130.808 842 03	−34.072 091 31		1.15	−16.25	17.54	0.69	0.74	1.02	0.77	0.79	+10	−3	−4	−3	+8	+4	+7	−16	+15	+11	0	0.94
42803		08 43 14.32	−28 40 51.3	8.49		H	130.809 685 36	−28.680 903 96		0.50	−9.44	11.49	0.59	0.72	0.97	0.66	0.80	−20	−17	+3	+1	−6	+6	−5	+4	−5	−34	0	1.49
42804		08 43 16.00	+05 15 57.7	8.55		H	130.816 662 51	+05.266 030 76		2.96	−33.35	−29.54	0.96	0.68	1.32	1.37	0.91	−18	+18	−32	+16	+24	−25	+10	+46	−27	−1	0	2.69
42805		08 43 16.24	−39 08 13.1	7.75		H	130.817 666 25	−39.136 962 74	+	9.80	−0.64	−61.64	0.52	0.57	0.67	0.50	0.58	+10	+2	+9	−5	+8	+15	−4	−21	+5	−16	0	−0.85
42806		08 43 17.21	+21 28 06.9	4.66		G	130.821 721 27	+21.468 596 09		20.58	−106.94	−39.25	0.83	0.48	0.87	1.03	0.75	−10	−7	+2	−27	−5	−19	+7	+28	−11	−27	0	1.40
*42807		08 43 18.30	+08 32 23.7	8.75		H	130.826 254 79	+08.539 907 74		6.78	−27.24	17.91	0.98	0.67	1.24	1.30	0.90	−15	+17	−24	+31	+15	−16	+10	+57	−22	−16	0	−0.04
*42808		08 43 18.26	−38 52 59.5	6.58	1	H	130.826 066 43	−38.883 207 66		89.78	−301.02	340.76	0.41	0.42	0.56	0.42	0.44	+6	+4	+12	−4	+0	+8	−1	−9	+5	−3	0	0.40
42809		08 43 22.13	−52 12 32.1	7.80	1	G	130.842 206 80	−52.208 903 56		3.16	−24.07	21.40	0.63	0.55	0.67	0.75	0.62	+19	+21	+0	+8	−5	+0	−3	−15	+5	+22	1	−0.29
42810		08 43 23.17	+32 45 05.8	8.17		H	130.846 539 11	+32.751 600 14		3.22	−3.20	−1.53	1.08	0.63	1.14	1.69	0.93	−14	+13	−15	+11	+12	−17	+9	+20	+1	−6	0	0.36
42811		08 43 24.34	+00 45 48.8	8.63		H	130.851 422 07	+00.763 553 70		5.53	17.47	−23.17	0.98	0.78	1.24	1.32	0.95	−24	+24	−38	+29	+4	−18	−11	+61	−22	−6	0	2.38
*42812		08 43 25.47	+48 51 42.3	7.69		H	130.856 135 52	+48.861 760 08	A	9.19	−71.13	−51.61	2.17	1.47	1.81	2.02	1.21	−26	+43	−13	+13	+1	+5	−1	−7	−3	−23	14	1.78
*42813		08 43 25.25	−27 48 17.1	8.66		H	130.855 194 38	−27.804 755 99		2.05	−0.10	0.39	0.54	0.64	0.99	0.64	0.73	−9	−4	+9	−7	+5	+10	+7	+5	−12	−26	0	0.28
42814		08 43 26.87	+16 52 59.9	8.84		H	130.861 955 81	+16.883 293 01		1.80	−7.05	−9.96	1.36	0.70	1.37	1.65	1.05	−14	+5	−24	−46	−7	−15	−9	+43	−27	−15	0	1.27
42815		08 43 26.97	+65 12 54.7	8.85		H	130.862 390 50	+65.215 195 63		2.81	−16.21	0.30	0.84	0.82	1.20	0.99	0.90	+8	+15	−17	+22	−10	+18	−5	+25	+16	+34	0	−1.20
42816		08 43 27.48	+23 59 36.7	9.04		H	130.864 486 50	+23.993 537 68		4.64	−6.80	−33.83	1.28	0.68	1.30	1.51	1.01	−1	+27	−12	−34	−6	−36	−11	+29	−18	−3	0	−0.78
42817	H	08 43 28.55	−01 03 55.0	8.60		H	130.868 961 85	−01.065 269 03	A	0.96	−7.24	−2.19	1.24	0.99	1.41	1.57	1.14	−11	+29	−28	−3	+6	−29	−5	+38	−20	−7	1	−0.11
42818		08 43 29.92	+64 12 06.2	10.13		H	130.874 646 31	+64.201 719 45		5.07	12.76	−11.24	1.34	1.17	1.96	1.40	1.26	+14	−11	−20	+28	−9	−2	−7	+11	−5	+21	3	1.98
42819		08 43 30.01	−61 41 19.1	6.85	1	H	130.875 054 20	−61.688 643 86		3.91	99.51	−67.27	0.47	0.42	0.50	0.42	0.41	+6	−10	+13	−9	−16	+5	−19	−12	+0	−20	0	0.94
42820		08 43 31.03	−67 51 08.2	9.01		H	130.879 310 77	−67.852 267 72		0.61	7.95	7.01	0.86	0.77	0.95	1.14	0.92	−4	+12	+3	−16	+7	−29	+7	−20	−6	−12	4	0.82
42821		08 43 32.24	−39 35 59.7	7.78		H	130.884 335 62	−39.599 924 14		0.68	−7.25	−0.18	0.53	0.54	0.71	0.51	0.57	+1	+14	+8	−3	+2	+8	+2	−2	+6	−3	0	−0.09
42822		08 43 32.60	−14 02 30.6	7.65		G	130.885 835 32	−14.041 844 69		3.41	−9.03	1.79	0.68	0.49	0.86	0.80	0.52	−4	+29	−5	−4	−27	−4	−20	+21	+2	−19	0	0.72
42823		08 43 32.85	−52 00 13.9	7.86		H	130.886 865 32	−52.003 851 85		7.31	−27.42	25.68	0.54	0.53	0.61	0.63	0.58	+11	+17	−2	+7	−5	−3	−4	−14	+3	+15	0	0.59
42824		08 43 33.90	+36 42 54.0	7.06		H	130.891 248 58	+36.714 986 19		8.38	−27.63	−18.36	0.76	0.53	0.89	0.88	0.66	−43	+0	+1	−21	−6	−6	−2	−4	−1	−68	0	−0.30
*42825		08 43 34.94	−24 31 39.3	8.91		H	130.895 576 98	−24.527 589 40		3.10	−7.14	5.71	0.72	0.72	1.07	0.75	0.78	−13	+5	−9	+44	−8	+14	−9	+29	−16	−21	5	0.94
*42826		08 43 34.86	+31 19 01.9	8.44	2	H	130.895 257 87	+31.317 188 79		0.60	−3.78	1.16	1.06	0.59	1.18	1.32	0.74	−11	+21	−16	−14	−11	−40	−17	+13	−2	−24	0	1.10
42827		08 43 35.10	+03 55 09.5	8.48		H	130.896 266 05	+03.919 317 72		2.58	−28.81	−6.96	0.99	0.69	1.33	1.33	0.89	−17	+19	−10	+13	+8	−26	+2	+48	−13	−8	0	0.81
42828		08 43 35.55	−33 11 11.1	3.68	1	G	130.898 114 51	−33.186 411 33		3.86	−14.28	10.60	0.34	0.37	0.53	0.34	0.37	+25	+6	−3	−8	+4	+7	+7	−21	+19	+40	0	−1.67
42829	H	08 43 35.81	−53 31 28.5	7.77		G	130.899 193 72	−53.524 596 53	*	5.76	−11.69	−16.34	1.47	2.30	0.92	1.06	0.99	−5	+10	+0	+1	−9	+1	−9	−20	−8	−7	4	1.69
42830		08 43 36.40	−77 02 58.4	8.09		G	130.901 677 81	−77.049 542 32		4.71	−21.19	3.39	0.58	0.53	0.60	0.65	0.54	+13	+10	+19	+8	−15	+1	−15	−12	+14	+0	0	1.46
42831		08 43 38.69	−47 24 11.2	8.32	3	T	130.911 225 42	−47.403 123 05	*	1.30	−5.40	5.57	0.74	0.80	0.90	0.90	0.79	+5	+8	+21	+2	+3	+3	−4	−27	−2	+2	0	1.25
42832		08 43 39.04	+51 23 42.9	9.20		H	130.912 673 25	+51.395 252 07		6.57	10.79	−23.17	1.18	0.88	1.34	1.46	0.78	+0	−4	−18	−16	+12	−6	+18	−48	+2	+47	0	1.39
42833		08 43 39.59	+42 40 54.5	7.73		G	130.914 943 05	+42.681 792 80		7.54	−44.63	−30.47	0.83	0.56	0.94	1.10	0.73	−15	+20	−14	+2	−12	−1	−11	+7	+1	−26	0	−1.02
42834		08 43 40.28	−49 49 22.1	5.15		H	130.917 816 69	−49.822 810 81		2.15	−3.56	3.65	0.56	0.47	0.57	0.78	0.57	−17	+4	+10	−31	+16	−12	+19	−21	+7	−35	2	1.76
42835		08 43 40.38	−07 14 01.4	4.63		G	130.918 251 29	−07.233 727 81		5.40	−11.68	−1.05	0.77	0.43	0.96	0.79	0.47	−9	+46	−12	−18	−34	−19	−21	+19	+7	−35	0	−1.25
42836		08 43 41.14	−67 24 53.8	9.47		H	130.921 425 10	−67.414 956 24		6.56	9.03	−22.70	0.89	0.79	0.92	1.08	0.86	−1	+16	+17	+6	−4	−12	−3	−8	−7	−6	0	0.19
42837		08 43 41.43	+09 20 23.6	7.23		H	130.922 614 90	+09.339 888 52		5.92	−18.37	−21.18	0.94	0.51	1.00	1.10	0.68	+0	+39	−12	−5	+10	−17	+5	+40	−12	+1	0	2.12
42838		08 43 41.84	−45 08 10.4	8.63		H	130.924 338 59	−45.136 232 26		0.99	−24.02	31.59	0.76	0.69	0.88	0.93	0.74	+2	+4	+2	−22	+2	+3	+2	−22	+13	+1	0	−0.07
42839		08 43 43.85	+11 15 44.3	8.44		H	130.932 718 04	+11.262 301 70		4.90	−9.98	1.50	0.98	0.52	1.00	1.26	0.74	−5	+27	−15	−34	−1	−29	−11	+34	−10	+5	0	1.45
42840		08 43 45.58	+22 42 48.0	8.67		H	130.939 929 67	+22.713 340 61		4.47	−34.05	−16.36	1.07	0.59	1.07	1.44	0.87	−3	+20	−19	−31	−5	−30	−13	+34	−12	+2	0	−0.75
42841		08 43 46.21	−71 49 33.7	8.28	2	H	130.942 530 32	−71.826 022 34		2.69	−3.76	0.32	0.68	0.61	0.70	0.78	0.63	+3	+13	+23	−14	−6	+7	−5	−15	+10	−5	1	2.13
42842	H	08 43 46.31	−26 38 58.5	8.38		H	130.942 958 51	−26.649 595 25	A	6.76	−22.75	14.77	1.05	1.11	1.54	1.15	1.06	−32	+32	−9	−32	−12	−12	−9	+22	−4	−35	0	0.87
42843		08 43 47.42	−33 27 14.7	8.91	2	H	130.947 589 47	−33.454 093 25		1.26	−47.00	16.64	0.63	0.72	1.00	0.61	0.69	+17	−8	+6	−2	+1	−2	+1	−14	+10	+19	0	−1.86
42844		08 43 49.90	−17 01 12.8	8.36		G	130.957 928 24	−17.020 222 56		12.09	47.35	−137.83	0.90	0.71	1.11	1.14	0.77	−15	+18	−8	−3	−40	−3	−32	+29	+3	−25	0	1.40
42845		08 43 52.10	+43 28 48.8	9.35		H	130.967 077 89	+43.480 227 38		7.85	−20.26	−28.67	1.21	0.87	1.50	1.58	1.38	−24	+22	−5	−9	+0	+1	−8	−6	−35	−44	2	−0.30
*42846		08 43 52.69	−15 03 46.5	8.27		H	130.969 523 54	−15.062 928 57		2.94	−20.30	36.47	0.82	0.60	1.05	1.01	0.61	−7	+13	−10	+11	−22	−18	−19	+18	+6	−19	0	−1.36
*42847		08 43 52.66	−46 29 58.2	8.86		H	130.969 421 53	−46.499 486 27		15.85	−79.27	52.57	0.73	0.68	0.85	0.94	0.66	+7	+6	+11	−4	+12	−4	+10	−18	+8	+5	0	3.09
42848	H	08 43 52.93	+13 37 26.3	8.46		H	130.970 524 78	+13.623 969 64	A	5.80	−6.20	−3.58	2.17	1.10	2.29	2.23	1.47	−34	+52	−41	−30	+0	−11	−22	+42	−34	−14	2	−0.24
42849		08 43 53.07	−59 35 14.4	8.18		H	130.971 118 15	−59.587 340 99		3.80	−13.44	5.74	0.59	0.53	0.61	0.64	0.54	+8	+0	+9	+10	−3	+1	−5	−9	+2	−3	0	0.74
42850		08 43 54.33	−68 12 41.9	6.33		H	130.976 359 05	−68.211 645 61		3.10	1.51	26.84	0.52	0.43	0.51	0.60	0.45	+4	+18	+5	−17	+1	−11	+4	−13	+14	−15	0	−0.08
42851		08 43 54.77	+45 27 13.7	8.25		G	130.978 206 23	+45.453 813 62		9.18	−28.37	−46.91	0.95	0.68	1.14	1.40	1.17	−16	+12	+0	+4	−4	+13	−5	+21	+19	+1	0	−0.56
42852		08 43 55.22	+27 13 26.8	7.89		H	130.980 065 04	+27.224 107 63		3.13	−8.65	−22.57	0.91	0.51	0.99	1.13	0.81	−7	+18	−6	−11	+15	−11	+13	+17	−26	−8	0	1.45
42853		08 43 56.15	+19 02 03.0	8.30	3	H	130.983 953 21	+19.034 171 41		2.91	−21.84	−0.06	1.19	0.59	1.10	1.64	0.90	+2	+6	−11	−37	+3	−22	−7	+33	−14	+16	2	−0.33
42854		08 43 59.79	+04 20 04.5	6.37		H	130.999 111 35	+04.334 572 98		4.42	−15.01	−6.30	0.81	0.56	1.14	1.00	0.70	−25	+36	−42	+13	+18	−21	−5	+57	−38	−1	0	0.99
42855		08 44 00.11	−71 45 10.6	9.40		H	131.000 466 41	−71.752 938 08		5.99	−32.14	35.01	0.90	0.87	0.99	1.02	0.86	+8	+23	+31	−7	−4	+10	−7	−16	+1	−9	0	−1.62
42856		08 44 00.36	+35 02 15.4	8.48		H	131.001 518 42	+35.037 600 94		8.36	−31.51	−36.50	0.89	0.62	1.12	1.07	0.81	−38	+19	−20	−2	−15	+0	−13	+13	−2	−55	2	−0.17
42857		08 44 00.80	−38 46 46.1	6.99		H	131.003 354 04	−38.779 461 31		5.76	−1.26	53.81	0.44	0.44	0.60	0.47	0.47	+3	+8	+12	−5	+3	+9	+2	−11	+6	−5	0	−0.50
42858		08 44 00.96	−74 18 08.7	7.91		H	131.003 980 58	−74.302 428 89		3.56	−0.95	10.69	0.57	0.55	0.64	0.57	0.62	+3	+20	+14	−22	−4	−4	−1	−12	+14	−10	2	−0.55
42859		08 44 01.04	−33 27 10.1	8.52		H	131.004 331 92	−33.452 806 77		5.92	−19.68	16.01	0.56	0.65	0.92	0.59	0.64	+23	+3	+3	+6	+9	+11	+10	−10	+20	+34	0	1.15
42860		08 44 02.48	−30 14 23.4	8.04		H	131.010 348 11	−30.239 821 88		4.51	−18.00	15.06	0.44	0.57	0.82	0.55	0.60	+6	+4	−6	+35	−5	+7	−7	+12	+2	−5	0	0.21
42861		08 44 03.62	−44 38 01.5	8.31		H	131.015 084 41	−44.633 762 45		3.05	22.10	−30.80	0.66	0.61	0.77	0.81	0.66	−2	−9	+3	−15	+4	−1	+3	−11	+6	−12	0	0.75
42862		08 44 03.66	+04 38 29.3	8.61		H	131.015 230 88	+04.641 460 48		8.97	−56.63	−44.98	1.05	0.71	1.43	1.40	0.93	−11	+14	−34	+9	+21	−28	+8	+49	−31	+2	0	0.79
42863	H	08 44 04.07	−04 12 07.7	7.30		H	131.016 950 62	−04.202 149 85	*	5.69	−22.51	−1.37	0.70	0.56	0.93	0.84	0.73	−20	+13	−32	−13	−5	−28	−12	+45	−23	−22	2	3.08
42864		08 44 05.03	+36 14 47.8	10.96		G	131.020 950 72	+36.246 618 26		9.82	−30.32	−458.31	1.67	1.15	2.13	1.96	1.47	−43	+2	+10	−11	−20	−16	−14	+10	+12	−72	0	2.21
42865		08 44 05.59	+13 44 55.6	8.47		H	131.023 300 91	+13.748 764 30		0.72	−7.55	−8.65	1.61	0.76	1.87	1.63	1.09	−27	+63	−29	−5	+0	−7	−20	+56	−32	−12	0	−1.33
42866		08 44 07.58	−09 22 53.0	9.67		H	131.031 585 85	−09.381 391 96		3.42	−0.99	−6.53	1.19	0.91	1.59	1.41	0.97	−22	+21	−10	−23	−22	−24	−16	+7	+12	−39	0	−0.88
42867		08 44 09.05	+46 19 34.6	8.78		H	131.037 700 90	+46.326 278 07		2.14	−0.44	−20.37	1.06	0.80	1.26	1.57	1.27	−25	+10	+9	+0	+1	+12	−1	+4	−2	−12	0	1.66
42868		08 44 09.72	−47 06 58.1	7.23		G	131.040 492 64	−47.116 125 56		1.19	−9.38	9.47	0.48	0.49	0.58	0.60	0.49	+7	+3	+15	+13	+6	+4	+8	−20	+8	+18	6	0.95
42869		08 44 09.88	+03 03 47.7	8.05		H	131.041 149 43	+03.063 263 18		3.02	8.45	2.42	0.92	0.68	1.21	1.34	0.93	−17	+9	−20	+22	−1	−33	−8	+62	−17	−11	2	0.00
42870		08 44 10.09	+52 26 47.2	8.52		H	131.042 027 69	+52.446 441 72		1.81	−14.28	−20.03	0.98	0.72	1.14	1.04	0.68	−7	+32	−11	−13	+12	−17	+17	−36	+6	+24	0	1.18
42871		08 44 10.15	+36 55 06.7	6.54		H	131.042 302 09	+36.918 539 35		15.31	−27.76	−80.38	0.69	0.48	0.83	0.78	0.57	−35	+5	−14	−19	−17	−7	−12	+3	+7	−60	0	0.22
42872		08 44 10.83	−28 11 35.0	9.28		H	131.045 108 62	−28.193 056 35		13.21	−114.79	−16.46	0.77	0.90	1.28	0.79	0.97	−14	−20	−11	+10	−11	+12	−8	+20	−2	−26	1	1.09
42873		08 44 12.95	−24 57 56.0	9.47		G	131.053 968 11	−24.965 549 61		2.61	−6.40	2.64	0.95	0.84	1.22	0.99	0.86	−21	+2	−1	+38	−8	+10	−10	+25	−8	−36	0	0.70
42874		08 44 14.87	+32 03 45.4	7.03		H	131.061 963 13	+32.062 606 52		10.95	−56.03	16.48	0.82	0.48	0.96	1.09	0.68	−16	+20	−5	−8	−6	−42	−5	+14	+9	−37	0	−0.07
42875		08 44 15.21	+57 32 22.4	8.63		H	131.063 388 52	+57.539 558 78		5.50	1.53	26.13	0.77	0.66	1.03	0.89	0.77	+7	+36	−5	−32	−13	−17	−14	−13	−2	+11	2	1.40
42876		08 44 15.46	+42 06 02.3	7.07		H	131.064 401 63	+42.100 626 48		2.34	−18.27	18.97	0.80	0.55	0.91	1.01	0.67	−23	+22	−12	+10	−14	−13	−16	+1	+0	−36	0	−1.81
42877		08 44 17.89	+45 10 12.4	10.38		H	131.074 550 93	+45.170 123 46		3.96	−11.79	−19.84	1.74	1.21	1.98	2.27	1.97	−3	+7	+8	−14	−9	+14	−13	+15	+19	+7	0	0.01
42878	H	08 44 18.44	−20 16 00.5	7.38		H	131.076 839 31	−20.266 809 61	A	5.00	−7.07	−4.85	0.99	0.77	1.18	0.98	0.74	−34	+2	+19	+46	−7	−13	−10	+21	+9	−54	1	0.99
42879		08 44 18.72	−37 31 36.6	6.78		H	131.077 981 43	−37.526 837 86		5.41	−22.88	−14.27	0.41	0.43	0.56	0.43	0.45	+2	+0	+11	+1	+9	+12	+7	−6	−5	−3	0	0.42
42880		08 44 20.69	−05 05 41.1	8.33		H	131.086 207 29	−05.094 756 04		0.47	−10.72	0.44	0.94	0.59	1.15	1.16	0.68	−24	+39	−33	−16	−8	−5	−8	+7	−11	−36	0	1.20
*42881	H	08 44 23.00	−44 28 22.0	10.65		G	131.095 824 38	−44.472 786 70	A	54.68	137.83	104.33	6.13	5.47	3.89	4.50	4.52	−15	−3	+13	−1	−2	−6	+7	−36	−1	−17	0	1.51
*42882		08 44 23.00	+62 26 30.8	8.83		H	131.095 822 55	+62.441 889 52		2.70	−21.96	1.44	0.66	0.69	1.06	0.72	0.83	−16	+15	−6	+27	−15	+1	−9	−1	+5	+7	3	0.04
42883		08 44 23.14	−00 26 35.6	8.86		G	131.096 413 54	−00.443 223 42		4.21	−15.28	−3.63	0.95	0.71	1.33	1.07	0.86	−30	+36	−44	−20	+1	−33	−20	+47	−24	−14	2	−0.63
42884		08 44 23.97	−42 38 57.6	4.05		H	131.099 858 28	−42.649 323 31		14.27	−23.88	19.46	0.43	0.42	0.54	0.52	0.52	+5	−5	−4	+23	+0	+3	−8	−15	+20	−14	0	0.23
42885		08 44 23.98	−57 46 09.5	8.11		H	131.099 932 00	−57.769 298 48		19.52	59.90	75.59	0.64	0.60	0.67	0.72	0.68	−6	+4	+12	+21	−11	+2	−12	+20	+0	−14	0	−0.25
42886	H	08 44 24.69	−18 00 37.0	8.40		H	131.102 855 48	−18.010 266 31	A	−0.83	−3.54	−0.21	1.56	1.12	1.57	2.04	1.09	−23	+8	−2	+13	−45	−17	−26	+16	+16	−38	1	−0.31
42887		08 44 24.76	+24 47 50.8	9.32		G	131.103 179 12	+24.797 441 49		6.59	−112.94	−347.99	1.35	0.73	1.45	1.80	1.19	−9	+8	−16	−35	−2	−30	+0	+32	−25	−15	0	0.33
42888	H	08 44 24.88	+15 54 54.2	8.49		H	131.103 658 21	+15.915 045 36	B	5.62	−2.41	−16.33	5.58	2.57	3.87	6.32	2.74	−37	+3	−13	−25	+0	−16	−11	+27	−17	+8	1	−0.16
42889		08 44 25.50	−62 31 29.1	8.14		H	131.106 258 97	−62.524 750 01		17.66	−103.58	−59.66	0.56	0.57	0.67	0.54	0.55	+0	+7	+18	−14	−25	−25	−21	−6	−3	−25	0	−0.01
42890		08 44 26.98	+14 25 52.2	8.64		H	131.112 437 15	+14.431 158 55		4.32	9.22	2.56	1.33	0.64	1.38	1.83	0.91	−12	+14	−27	−39	+16	−14	−1	+34	−30	+12	5	−1.66
42891		08 44 27.16	+26 01 41.5	9.61		H	131.113 183 20	+26.028 205 81		3.93	−23.23	−10.87	1.28	0.76	1.43	1.58	1.21	−7	+14	−16	+5	+17	−24	+18	+29	−22	−11	2	−0.27
*42892		08 44 27.96	−43 44 21.4	8.57		G	131.116 505 69	−43.739 274 86		2.82	6.42	2.08	0.72	0.70	0.88	0.84	0.81	+3	−3	+4	−5	−3	+0	−4	−13	+2	−17	1	1.86
*42893		08 44 27.95	−32 01 15.5	7.34		H	131.116 477 18	−32.020 972 50		2.20	−27.87	18.39	0.42	0.51	0.74	0.50	0.51	+21	+0	−2	+3	+19	+6	+16	−10	+2	+23	0	0.19
42894		08 44 28.50	−21 41 57.7	8.85		H	131.118 765 94	−21.699 363 32		2.13	−6.25	2.12	0.94	0.77	1.30	1.00	0.80	−5	+18	+13	+21	−16	+4	−12	+40	+7	−24	0	1.29
42895		08 44 30.05	−65 49 32.5	6.03		H	131.125 200 12	−65.825 682 06		16.49	−63.56	104.15	0.43	0.41	0.46	0.47	0.40	−5	−2	+18	+4	+2	−5	+1	−13	+1	−11	0	1.62
42896		08 44 30.06	+68 13 14.9	8.77		H	131.125 268 62	+68.220 793 46		1.97	4.17	−11.82	0.57	0.68	1.04	0.59	0.76	+21	+21	−9	−9	−8	+12	−7	−5	+0	+22	2	−0.67
42897	H	08 44 30.33	+40 56 41.5	9.78		H	131.126 355 80	+40.944 864 00	*	4.40	−19.53	−38.11	1.27	0.80	1.47	1.59	1.08	−17	+33	−14	−3	−9	−14	−10	+4	+2	−23	2	0.99
42898		08 44 30.79	−02 22 50.3	9.21		G	131.128 275 77	−02.380 650 64		5.08	−1.32	4.00	1.21	0.74	1.24	1.46	0.97	−5	+16	−22	−46	−19	−31	−20	+39	−2	−15	0	1.30
42899		08 44 31.20	+05 17 09.0	6.87		H	131.129 995 13	+05.285 827 67		8.18	−46.21	9.78	0.72	0.47	0.93	1.00	0.64	−11	+17	−26	+10	+25	−20	+16	+42	−24	−2	0	1.68
42900		08 44 31.56	−47 59 09.4	7.71	1	H	131.131 504 18	−47.985 950 63		2.04	−6.10	5.16	0.61	0.61	0.74	0.71	0.60	+0	+4	+14	−7	+1	−10	+2	−25	+8	−5	1	0.51

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data								Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
42801	9.500	0.019	8.541	0.014		0.844	0.018	T	0.86	0.01	L	8.5989	0.0020	0.019	112		8.57	8.63					1							
42802	10.588	0.027	8.889	0.012		1.446	0.024	T	2.90	0.04	O	8.5577	0.0056	0.071	183		8.45	8.69		U 2			1 S							
42803	9.716	0.015	8.592	0.010		0.968	0.014	T	0.95	0.01	L	8.6565	0.0018	0.020	170		8.63	8.70			08432−2841	I 1	1 S						
42804	9.987	0.024	8.684	0.015		1.107	0.022	T	1.07	0.02	L	8.7215	0.0015	0.014	104		8.70	8.75		C			1						S
42805	8.283	0.009	7.795	0.008		0.471	0.009	T	0.54	0.01	L	7.8505	0.0010	0.012	160		7.83	7.87					1 O						S
42806	4.696	0.003	4.670	0.002		0.010	0.000	G	0.03	0.00	H	4.6734	0.0006	0.004	80		4.67	4.68		C	08433+2128	I 1	1						S
42807	9.190	0.015	8.803	0.016		0.366	0.020	T	0.43	0.02	L	8.8393	0.0015	0.012	108		8.82	8.86					1						
42808	7.764	0.006	6.682	0.004		0.917	0.022	G	0.97	0.02	A	6.7217	0.0012	0.011	165		6.70	6.74		M			1						S
42809	9.184	0.021	7.910	0.013		1.080	0.015	G	1.04	0.01	I	7.9498	0.0018	0.018	108		7.92	7.97		U			1						
42810	9.908	0.030	8.289	0.014		1.356	0.026	T	1.32	0.03	L	8.3176	0.0018	0.013	77		8.30	8.34					1						
42811	9.102	0.015	8.681	0.015		0.398	0.020	T	0.46	0.02	L	8.7178	0.0019	0.016	84		8.69	8.75		C			1						
42812	8.082	0.013	7.700	0.014	A	0.362	0.018	T	0.42	0.02	L	7.7743	0.0061	0.011	65	A	7.76	7.85		D	08434+4852	I 1	2 C A	AB	331	10.073	0.004	0.12	0.01	S
42813	8.596	0.009	8.649	0.011		−0.044	0.013	T	−0.02	0.01	L	8.6562	0.0018	0.022	188		8.62	8.69					1						
42814	9.098	0.018	8.840	0.020		0.246	0.025	T	0.28	0.03	L	8.9087	0.0024	0.021	75		8.87	8.94					1						S
42815	9.402	0.015	8.882	0.014		0.488	0.019	T	0.56	0.02	L	8.9602	0.0026	0.028	134		8.92	9.00					1						S
42816	10.164	0.032	9.107	0.021		0.917	0.029	T	0.92	0.02	L	9.1991	0.0016	0.013	81		9.18	9.22		C			1						
42817	9.751	0.021	8.705	0.015	*	0.909	0.020	T	0.91	0.01	L	* 8.7592	0.0016	0.010	79	*	8.74	8.77		C	08435−0104	H 1	2 C C	AB	19	0.662	0.031	4.02	0.15	S
42818	11.571	0.088	10.312	0.045		1.073	0.077	T	1.04	0.06	L	10.2940	0.0036	0.045	136		10.20	10.36					1						
42819	6.711	0.005	6.825	0.007		−0.111	0.004	G	−0.10	0.01	H	6.8172	0.0022	0.022	107		6.78	6.84	1.84	P 1 A			1						S
42820	10.366	0.031	9.139	0.018		1.048	0.028	T	1.02	0.02	L	9.1728	0.0020	0.019	115		9.15	9.21		C			1 G						
42821	9.801	0.018	7.949	0.008		1.550	0.015	G	1.62	0.02	H	7.8955	0.0012	0.013	151		7.87	7.91					1						
42822	7.573	0.006	7.645	0.008		−0.050	0.002	G	−0.03	0.00	H	7.6344	0.0009	0.009	102		7.62	7.65		C	08435−1403	I 1	1						S
42823	7.989	0.010	7.890	0.011		0.097	0.014	T	0.11	0.01	L	7.9002	0.0012	0.010	110		7.88	7.92					1						S
42824	8.397	0.008	7.170	0.005		1.048	0.007	T	1.02	0.01	L	7.2241	0.0008	0.010	121		7.21	7.24					1						S
42825	8.926	0.012	8.897	0.015		0.008	0.004	G	0.03	0.00	H	8.9228	0.0024	0.021	122		8.89	8.96					1						
42826	10.764	0.053	8.719	0.018		1.693	0.045	T	1.72	0.05	L	8.5490	0.0055	0.044	82		8.43	8.63		U 2			1 S						P
42827	9.842	0.033	8.619	0.020		1.045	0.030	T	1.02	0.03	L	8.6518	0.0018	0.013	79		8.63	8.68		C			1						
42828	3.459	0.002	3.657	0.001		−0.180	0.010	G	−0.17	0.02	A	3.6188	0.0005	0.005	172		3.61	3.63		M			1						S
42829	7.992	0.008	7.761	0.009	*	0.191	0.001	G	0.21	0.00	H	* 7.8000	0.0014	0.011	125	*	7.78	7.82			08436−5331	H 1	2 C A	AB	107	0.229	0.025	2.43	0.40	S
42830	8.119	0.009	8.091	0.010		0.031	0.015	G	0.05	0.01	H	8.1076	0.0013	0.012	117		8.09	8.13		C			1						S
42831	9.930	0.025	8.457	0.013		0.790	0.020	G	0.97	0.02	A	8.5132	0.0528	0.428	130		7.90	8.91	23.44	P 1 A			1 V						
42832	9.859	0.025	9.276	0.022		0.545	0.029	T	0.62	0.03	L	9.3174	0.0017	0.019	106		9.29	9.36		C			1						
42833	8.054	0.010	7.762	0.011		0.285	0.015	G	0.32	0.02	H	7.8100	0.0023	0.016	86		7.78	7.83					1						S
42834	4.885	0.002	5.111	0.002		−0.197	0.002	T	−0.21	0.00	L	5.0793	0.0005	0.005	98		5.07	5.09		C			1						S
42835	5.669	0.003	4.727	0.002		0.840	0.003	G	0.85	0.02	A	4.7805	0.0006	0.005	118		4.77	4.79			08437−0714	I 1	1 S						S
42836	9.944	0.024	9.532	0.025		0.403	0.029	T	0.47	0.03	L	9.5596	0.0025	0.021	104		9.52	9.59		C			1						
42837	8.545	0.012	7.333	0.008		1.036	0.011	T	1.01	0.01	L	7.3959	0.0011	0.008	81		7.38	7.41		C			1						S
42838	10.003	0.028	8.777	0.017		1.047	0.026	T	1.02	0.02	L	8.7959	0.0017	0.015	116		8.77	8.82		C			1						
42839	8.631	0.012	8.458	0.014		0.134	0.015	G	0.15	0.01	H	8.4947	0.0013	0.009	83		8.48	8.52		C			1						
42840	9.885	0.027	8.761	0.017		0.968	0.025	T	0.95	0.02	L	8.8333	0.0018	0.013	78		8.81	8.85		C			1						
42841	9.310	0.015	8.391	0.012		0.814	0.014	T	0.84	0.01	L	8.4292	0.0019	0.016	104		8.40	8.66		U 2 C			1						S
42842	8.657	0.009	8.432	0.010	A	0.600	0.495	G	0.24	0.03	L	* 8.4483	0.0013	0.016	182	*	8.42	8.48		D	08438−2639	I 1	2 C A	AB	59	2.231	0.023	3.28	0.12	S
42843	9.193	0.013	8.959	0.015		0.218	0.020	T	0.24	0.02	L	8.9732	0.0031	0.032	181		8.92	9.03		U 2			1						
42844	9.036	0.015	8.425	0.014		0.574	0.015	G	0.65	0.01	H	8.4933	0.0019	0.014	78		8.47	8.53		C	08439−1701	I 1	1						
42845	9.790	0.025	9.374	0.025		0.393	0.033	T	0.46	0.04	L	9.4345	0.0036	0.023	85		9.39	9.46					1						S
42846	9.591	0.023	8.395	0.015		1.024	0.021	T	1.00	0.02	L	8.4402	0.0016	0.014	99		8.42	8.47		C			1						
42847	9.635	0.021	8.925	0.017		0.640	0.020	T	0.70	0.02	L	8.9902	0.0019	0.018	130		8.96	9.02		C			1						
42848	9.282	0.040	8.419	0.029	*	0.772	0.037	T	0.81	0.03	L	* 8.6090	0.0019	0.011	70	*	8.59	8.63		D	08439+1337	I 1	2 C A	AB	311	5.676	0.012	2.12	0.04	S
42849	8.209	0.010	8.179	0.012		0.032	0.014	T	0.05	0.01	L	8.2010	0.0012	0.012	122		8.18	8.22		C			1						
42850	8.286	0.010	6.488	0.004		1.501	0.003	G	1.55	0.04	E	6.4560	0.0008	0.007	118		6.44	6.47		C			1						S
42851	8.644	0.015	8.295	0.016		0.357	0.024	G	0.42	0.03	H	8.3299	0.0015	0.012	65		8.31	8.35		C			1						S
42852	9.567	0.022	8.030	0.012		1.291	0.020	T	1.25	0.02	L	8.0516	0.0008	0.010	87		8.03	8.07		D			1						S
42853	8.466	0.012	8.358	0.014		0.098	0.017	T	0.11	0.02	L	8.3385	0.0061	0.044	82		8.30	10.38		P 1 A	08439+1902	I 1	1 S						G
42854	6.303	0.004	6.352	0.006		−0.040	0.007	T	−0.02	0.01	L	6.3618	0.0008	0.005	85		6.35	6.37		C			1						S
42855	10.084	0.025	9.445	0.023		0.594	0.029	T	0.66	0.03	L	9.5312	0.0022	0.018	101		9.50	9.56		C			1						
42856	9.046	0.015	8.513	0.014		0.500	0.018	T	0.57	0.02	L	8.5916	0.0013	0.017	112		8.56	8.63					1						
42857	8.244	0.008	7.102	0.005		0.982	0.007	T	0.96	0.01	L	7.1523	0.0010	0.010	162		7.14	7.17			08440−3847	I 1	1 S						S
42858	7.961	0.009	7.923	0.011		0.035	0.013	T	0.05	0.01	L	7.9267	0.0013	0.013	111		7.91	7.95		C			1						S
42859	8.727	0.010	8.531	0.011		0.180	0.014	T	0.20	0.02	L	8.5793	0.0018	0.023	188		8.55	8.62					1						
42860	8.520	0.007	8.077	0.007		0.418	0.009	T	0.48	0.01	L	8.1351	0.0008	0.013	204		8.11	8.16					1						S
42861	9.550	0.017	8.425	0.012		0.969	0.016	T	0.95	0.01	L	8.4770	0.0018	0.015	120		8.45	8.50		C			1						
42862	9.128	0.016	8.660	0.016		0.441	0.021	T	0.51	0.02	L	8.7065	0.0016	0.014	86		8.69	8.73		C			1						S
42863	7.494	0.008	7.321	0.007	*	0.166	0.010	T	0.18	0.01	L	* 7.3625	0.0011	0.008	84	*	7.35	7.38		D	08441−0412	I 1	2 C S A	AB	28	0.185	0.014	1.82	0.25	S
42864	11.586	0.080	10.946	0.074		0.598	0.025	G	0.67	0.02	H	11.0930	0.0046	0.039	146		11.01	11.15					1						G
42865	9.698	0.025	8.575	0.017		0.967	0.024	T	0.95	0.02	L	8.6342	0.0012	0.011	67		8.62	8.65		C			1						S
42866	9.760	0.024	9.680	0.032		0.079	0.037	T	0.09	0.04	L	9.6995	0.0026	0.018	85		9.66	9.72		C			1						
42867	10.216	0.038	8.886	0.021		1.100	0.015	G	1.06	0.02	H	8.9478	0.0028	0.017	63		8.91	8.98					1						
42868	7.092	0.004	7.203	0.006		−0.111	0.010	G	−0.10	0.01	H	7.2033	0.0011	0.010	134		7.19	7.22		C			1						S
42869	9.659	0.027	8.200	0.015		1.230	0.024	T	1.19	0.02	L	8.2105	0.0010	0.009	85		8.19	8.23					1						
42870	9.665	0.019	8.652	0.014		0.884	0.018	T	0.89	0.01	L	8.6818	0.0021	0.022	94		8.65	8.72					1						
42871	7.073	0.005	6.587	0.004		0.469	0.005	T	0.54	0.01	L	6.6433	0.0008	0.008	117		6.63	6.66		C			1						S
42872	10.062	0.021	9.349	0.018		0.632	0.015	G	0.70	0.01	H	9.4129	0.0026	0.028	182		9.36	9.47					1						
42873	9.388	0.016	9.471	0.023		−0.056	0.004	G	−0.03	0.00	H	9.4473	0.0024	0.025	114		9.39	9.50					1						
42874	7.308	0.005	7.063	0.007		0.233	0.008	T	0.26	0.01	L	7.1005	0.0018	0.013	83		7.08	7.12					1						S
42875	9.057	0.013	8.671	0.013		0.394	0.015	G	0.46	0.02	H	8.7186	0.0012	0.017	107		8.69	8.75					1						
42876	8.951	0.014	7.229	0.007		1.434	0.005	G	1.43	0.01	H	7.2092	0.0014	0.010	88		7.19	7.23		C			1						S
42877	10.957	0.057	10.397	0.056		0.524	0.071	T	0.60	0.07	L	10.4938	0.0052	0.029	67		10.45	10.54		C			1						G
42878	8.678	0.011	7.506	0.007	A	1.000	0.495	G	0.96	0.01	L	* 7.5427	0.0006	0.009	134	*	7.53	7.57		D	08443−2016	I 1	2 C C	AB	297	3.248	0.048	3.92	0.09	S
42879	8.610	0.009	6.929	0.004		1.404	0.008	T	1.38	0.01	L	6.9251	0.0007	0.008	182		6.91	6.94		C			1						S
42880	8.418	0.012	8.332	0.014		0.084	0.017	T	0.10	0.02	L	8.3651	0.0015	0.013	86		8.35	8.39		C			1						
42881						1.432	0.027	G	1.75	0.07	I	* 10.6884	0.0056	0.038	124	*	10.63	10.77		D	08444−4428	I 1	2 C A	AC	280	0.368	0.014	0.90	0.12	G
42882	11.454	0.063	9.123	0.016		1.922	0.052	T	1.96	0.05	L	8.9095	0.0023	0.023	135		8.86	8.95		R			1 S						
42883	8.983	0.015	8.805	0.017		0.121	0.015	G	0.14	0.01	H	8.8903	0.0019	0.011	76		8.87	8.91		C			1						
42884	5.154	0.002	4.154	0.002		0.874	0.002	T	0.89	0.02	A	4.2098	0.0004	0.004	122		4.20	4.22		C	08444−4239	I 1	1						S
42885	8.818	0.012	8.182	0.011		0.593	0.007	G	0.66	0.01	H	8.2340	0.0009	0.011	111		8.22	8.25		D			1						
42886	10.144	0.027	8.583	0.013	A	1.300	0.495	G	1.25	0.03	L	* 8.5518	0.0014	0.013	87	*	8.53	8.57		D	08444−1801	I 1	2 C B	AB	48	1.041	0.027	3.21	0.18	
42887	9.698	0.026	9.337	0.028		0.316	0.025	G	0.36	0.03	H	9.3937	0.0016	0.018	70		9.37	9.42		D			1						
42888	8.846	0.015	8.605	0.018	*	0.230	0.022	T	0.26	0.03	L	* 8.5580	0.0015	0.012	75	*	8.53	8.58		D	08444+1555	I 1	2 C A	BA	265	0.789	0.009	0.01	0.01	S
42889	8.894	0.013	8.204	0.011		0.625	0.013	T	0.69	0.01	L	8.2725	0.0015	0.013	116		8.25	8.30		C			1						
42890	9.796	0.025	8.730	0.017		0.924	0.023	T	0.92	0.02	L	8.8035	0.0018	0.014	81		8.78	8.83		C			1						S
42891	10.963	0.056	9.746	0.031		1.040	0.050	T	1.01	0.04	L	9.7751	0.0017	0.016	87		9.75	9.80					1						
42892	9.762	0.019	8.662	0.013		0.960	0.015	G	0.95	0.01	H	8.7271	0.0016	0.017	116		8.70	8.76					1						
42893	9.381	0.010	7.504	0.005		1.560	0.009	T	1.58	0.01	L	7.4586	0.0010	0.014	234		7.43	7.48					1						S
42894	8.915	0.014	8.845	0.018		0.069	0.021	T	0.08	0.02	L	8.8770	0.0021	0.020	98		8.85	8.91		C			1						
42895	6.288	0.003	6.055	0.003		0.217	0.004	T	0.24	0.01	L	6.0927	0.0006	0.007	114		6.08	6.10					1						S
42896	10.163	0.019	8.875	0.011		1.096	0.017	T	1.06	0.02	L	8.9341	0.0018	0.021	229		8.90	8.99					1						
42897	10.507	0.042	9.800	0.036	*	0.651	0.045	T	0.71	0.04	L	* 9.9199	0.0027	0.020	91	*	9.88	9.95		C	08445+4057	H 1	2 C S B	AB	232	0.185	0.037	1.80	0.62	
42898	9.596	0.020	9.237	0.021		0.330	0.020	G	0.38	0.03	H	9.2896	0.0024	0.019	87		9.26	9.32		C			1						
42899	7.002	0.005	6.880	0.005		0.118	0.007	T	0.13	0.01	L	6.9146	0.0007	0.006	105		6.91	6.92					1						S
42900	9.986	0.025	7.906	0.009		1.720	0.015	G	1.81	0.02	A	7.8018	0.0014	0.018	128		7.78	7.85		U			1						

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
42901		08 44 34.05	−37 57 52.6	8.12	2	H	131.141 854 48	−37.964 620 59		4.47	−0.19	12.68	0.60	0.62	0.82	0.67	0.73	−2	−8	+20	+4	+6	+12	+6	−8	−16	−21	0	−1.36
42902		08 44 36.03	+61 30 31.7	9.76		G	131.150 140 90	+61.508 808 91		0.03	−0.52	0.03	0.86	1.02	1.61	0.83	1.03	−25	+15	+3	+46	−27	+1	−25	+29	−6	−7	0	−0.94
42903	H	08 44 36.70	−09 26 31.2	9.26		H	131.152 932 54	−09.442 004 75	*	4.76	−2.10	−1.57	3.08	1.91	1.78	1.67	1.04	−27	+17	−16	−21	−17	−6	−8	+0	+10	−42	0	0.50
42904		08 44 36.79	+49 13 43.4	9.51		H	131.153 272 66	+49.228 714 83		5.48	−69.20	−25.03	1.44	0.94	1.53	1.63	0.98	+0	+40	−4	+10	+16	−7	+15	−24	−5	+20	2	1.82
42905	H	08 44 37.77	−01 16 02.9	9.80		H	131.157 360 03	−01.267 473 74	*	9.77	5.50	97.54	3.84	2.94	2.38	2.32	1.79	−12	+2	−27	+2	+3	−15	−1	+38	−21	−10	1	−0.30
42906		08 44 39.34	+63 49 47.9	10.00		H	131.163 899 31	+63.829 970 52		6.67	−27.04	−58.62	2.21	2.08	3.16	2.48	2.22	+4	+13	−22	+15	−11	+7	−9	+9	+0	+18	0	
42907		08 44 39.77	−65 41 46.3	7.63		H	131.165 701 25	−65.696 183 88		3.03	−1.46	6.72	0.54	0.52	0.58	0.58	0.52	−10	+4	+11	+5	−3	−12	−2	−5	+12	−20	1	0.57
42908	H	08 44 40.33	−41 16 38.0	7.34		G	131.168 038 85	−41.277 225 59	A	−0.49	−6.85	3.22	0.78	0.85	0.95	0.82	0.87	−2	+0	−14	−7	−11	+20	−7	−24	+21	+5	5	0.40
42909		08 44 40.43	−36 10 18.7	8.18		G	131.168 460 92	−36.171 848 73		7.79	−3.51	−19.54	0.54	0.59	0.79	0.57	0.59	+10	+5	+11	+5	+13	+13	+11	+2	−7	+6	1	−0.44
42910	H	08 44 41.00	−21 25 48.0	10.16		G	131.170 822 08	−21.430 002 97	A	27.28	−4.92	−20.71	1.98	1.56	2.40	1.82	1.49	−19	−11	+23	+36	−8	−2	−13	+19	+16	−36	0	−0.22
42911		08 44 41.11	+18 09 17.5	3.94		G	131.171 292 09	+18.154 863 99		23.97	−17.10	−228.46	0.83	0.44	0.83	0.97	0.65	−6	+12	−10	−32	−1	−28	−1	+29	−10	−10	2	1.26
42912		08 44 41.45	−23 47 17.9	6.72		H	131.172 693 95	−23.788 313 38		6.25	44.91	−40.17	0.51	0.45	0.69	0.53	0.46	−5	+9	−9	+36	−6	+9	−6	+25	+4	−11	1	1.42
42913	H	08 44 42.20	−54 42 30.8	1.93		H	131.175 822 14	−54.708 567 97	A	40.90	28.78	−104.14	0.40	0.42	0.38	0.43	0.42	+7	−6	−2	−18	−12	+12	−12	−18	+2	−2	3	1.25
42914		08 44 42.31	−48 40 16.5	8.21		G	131.176 272 08	−48.671 245 84		32.14	−83.02	−119.10	0.72	0.68	0.82	0.77	0.67	+4	−2	+17	−23	−1	+1	−2	−26	+8	−10	0	−0.58
42915		08 44 42.76	−74 47 17.0	6.66		G	131.178 178 47	−74.788 059 90		8.03	−4.30	10.24	0.55	0.50	0.57	0.66	0.62	−3	+16	+7	+7	+4	+4	+3	−11	+11	−18	0	0.42
42916		08 44 44.97	−42 38 01.9	7.20		H	131.187 382 52	−42.633 860 77		36.04	0.03	−289.00	2.24	2.34	2.84	2.64	2.59	+1	−12	−2	+1	−2	+10	−5	−24	+4	−11	0	
42917		08 44 45.04	+10 04 54.2	5.63	1	H	131.187 685 92	+10.081 712 56		8.00	−13.55	−17.39	0.77	0.44	0.84	0.94	0.60	−7	+26	−24	−22	+6	−28	−4	+33	−17	+2	0	1.21
42918		08 44 46.78	−22 17 52.8	7.47	1	H	131.194 913 76	−22.298 006 51		3.23	−4.72	−12.43	0.60	0.52	0.86	0.74	0.52	−16	+18	−6	+28	−7	−7	−9	+33	−2	−19	0	1.15
42919		08 44 47.73	+55 32 19.4	8.91		G	131.198 881 86	+55.538 717 46		23.42	74.99	12.63	0.86	0.72	1.18	1.04	0.89	−10	+33	−21	−34	−6	−15	−8	−12	+4	−4	0	0.18
42920		08 44 49.65	+01 42 30.9	8.03		H	131.206 878 69	+01.708 584 13		3.06	−5.53	2.10	0.99	0.66	1.23	1.34	0.88	+0	+26	−32	+39	+28	−27	+12	+57	−27	+15	0	−0.35
42921		08 44 50.33	+07 37 17.4	9.02	2	H	131.209 713 97	+07.621 495 19		0.38	−4.67	−1.14	1.08	0.68	1.32	1.43	0.96	−9	+24	+0	+23	+13	−1	+15	+50	−5	−18	0	1.32
42922		08 44 50.92	−44 32 34.5	6.56		H	131.212 182 80	−44.542 924 26		27.77	−194.56	134.95	0.47	0.45	0.57	0.59	0.50	+4	−10	+8	+3	−4	+4	−6	−11	+3	−9	0	0.90
42923		08 44 51.93	−37 08 50.1	5.74	1	H	131.216 387 17	−37.147 259 90		2.28	−8.27	4.27	0.35	0.40	0.52	0.37	0.42	+11	+0	+4	−4	+4	+14	+3	−11	+0	+3	0	−1.04
42924	H	08 44 52.39	−08 15 23.7	7.60		G	131.218 271 37	−08.256 571 93	A	14.69	161.38	−110.28	1.08	0.72	1.22	1.07	0.70	−5	+25	+5	−24	−20	−27	−10	+3	+7	−34	1	−0.89
42925	H	08 44 52.54	−41 24 28.6	8.93		H	131.218 919 59	−41.407 936 24	*	9.70	14.11	−4.63	0.69	0.74	0.93	0.79	0.82	+4	+0	−2	+2	−5	+13	−4	−14	+16	+12	0	0.89
42926		08 44 53.47	−46 20 34.8	8.34	3	H	131.222 802 00	−46.342 994 13		1.54	−2.85	4.68	0.68	0.62	0.79	0.90	0.65	+4	+10	+7	−6	+12	−9	+10	−12	+3	+4	0	0.41
42927		08 44 54.79	+21 51 23.2	8.88		H	131.228 308 52	+21.856 450 62		4.36	−11.33	−25.79	1.25	0.78	1.44	1.60	1.19	−18	−3	+1	−6	−20	−47	−15	+55	+1	−29	0	0.72
42928		08 44 55.16	−21 10 04.2	6.10		H	131.229 847 66	−21.167 836 42		12.78	−24.66	4.12	0.58	0.43	0.75	0.67	0.43	−12	+9	+4	+27	−12	−4	−11	+21	+7	−25	2	0.69
42929		08 44 55.90	−50 33 36.2	9.64	3	H	131.232 904 86	−50.560 050 23		−1.62	−6.80	4.80	0.87	0.83	0.99	1.08	1.09	+2	−5	+13	−19	−5	+11	−6	−15	−13	−6	0	−1.91
42930		08 45 00.74	−30 58 41.1	7.16		G	131.253 066 09	−30.978 093 41		3.89	−8.15	7.08	0.36	0.45	0.71	0.42	0.48	+32	+2	−1	+5	+3	+8	+3	−1	+0	+28	0	1.46
42931		08 45 01.28	+05 40 50.1	6.13		H	131.255 329 56	+05.680 596 75		15.78	2.52	−3.76	0.73	0.44	0.90	1.01	0.59	−4	+17	−25	+7	+24	−20	+12	+46	−23	+10	0	1.74
42932		08 45 02.03	−41 30 58.3	8.73		G	131.258 455 36	−41.516 198 35		0.20	−9.35	6.33	0.62	0.72	0.85	0.70	0.77	+7	+3	−2	+6	−8	+11	−6	−24	+17	+12	0	0.16
42933		08 45 02.16	−23 21 07.0	9.39		H	131.258 992 48	−23.351 939 69		−2.11	−2.60	4.14	0.90	0.85	1.27	1.05	0.89	−14	+16	+0	+15	−21	−4	−18	+41	+5	−14	0	1.74
42934		08 45 02.64	+44 11 04.2	8.82		G	131.260 985 54	+44.184 489 51		5.59	−30.13	−30.84	1.00	0.71	1.16	1.15	0.97	−19	+23	−5	−1	−18	−19	−21	+12	−8	−38	0	0.22
42935		08 45 04.74	−15 25 28.7	7.99		G	131.269 745 93	−15.424 647 98		12.64	−53.49	−49.92	0.74	0.58	0.96	0.85	0.61	−8	+18	−8	−8	−26	−23	−22	+30	+1	−21	0	−0.04
42936	H	08 45 05.55	−58 43 27.6	6.20		G	131.273 126 09	−58.724 320 20	A	3.27	−5.27	0.51	1.06	0.82	0.85	1.07	0.76	−15	−12	+20	−4	+0	−6	+3	−3	−9	−25	8	2.45
42937		08 45 08.81	−32 14 56.6	6.89		H	131.286 701 50	−32.249 065 63		14.73	60.15	−81.00	0.39	0.46	0.67	0.45	0.47	+25	+1	+0	−1	+13	+11	+11	−11	+11	+27	0	0.29
42938		08 45 10.06	+29 40 12.5	8.96		H	131.291 910 47	+29.670 127 97		12.96	84.93	−86.56	1.18	0.65	1.30	1.24	0.85	−24	+42	−17	−15	−16	−35	−24	+29	−12	−31	5	−1.24
42939		08 45 10.33	−41 25 38.0	8.78		G	131.293 037 88	−41.427 234 96		1.72	−13.52	7.26	0.62	0.74	0.86	0.69	0.81	+7	+2	−6	+2	−11	+13	−9	−30	+18	+12	0	−0.32
42940		08 45 10.62	+41 40 24.3	8.52		G	131.294 244 41	+41.673 418 14		38.47	−283.45	−651.14	1.06	0.70	1.18	1.40	0.90	−13	+13	−2	+6	−21	−18	−21	+7	+4	−29	0	−0.80
42941		08 45 11.01	+43 38 57.3	7.26		G	131.295 878 32	+43.649 258 29		17.35	−18.88	−42.78	0.71	0.56	0.88	0.92	0.71	−16	+17	−6	+0	+2	−13	−3	−13	−12	−27	2	2.26
42942		08 45 11.75	−49 21 22.1	8.18		G	131.298 951 53	−49.356 148 41		1.23	−7.26	6.12	0.64	0.58	0.72	0.80	0.62	−1	+7	+16	−11	+5	−6	+6	−16	+10	−16	0	−0.07
42943		08 45 12.03	+15 20 31.0	8.11		H	131.300 104 53	+15.341 949 96		10.72	−17.00	1.69	1.33	0.62	1.29	1.49	0.92	−13	+0	−25	−53	−6	−16	−8	+51	−29	−13	0	−0.16
42944		08 45 13.21	−41 52 44.3	7.97		H	131.305 029 62	−41.878 968 17		3.88	−23.15	7.02	0.61	0.70	0.83	0.67	0.75	+3	−4	−4	+2	−2	+18	−4	−32	+22	+4	0	−0.07
*42945		08 45 15.14	+12 25 19.7	9.47		H	131.313 100 77	+12.422 126 31		−0.29	−5.66	−3.47	1.50	0.80	1.76	1.73	1.15	−23	+30	−36	−41	+5	−27	−13	+47	−40	−6	0	0.79
*42946		08 45 15.12	−49 34 43.0	8.06		G	131.312 986 09	−49.578 611 80		3.85	10.35	−35.94	0.66	0.62	0.75	0.86	0.72	−10	+4	+18	−13	+11	−5	+11	−15	+5	−20	1	−0.21
42947		08 45 15.56	+76 50 17.0	9.61		H	131.314 848 87	+76.838 045 73		3.23	−7.58	10.25	0.79	0.86	1.09	0.91	0.97	+13	+19	−20	+27	+9	+0	+13	+13	+15	+26	1	−1.34
42948		08 45 17.23	−76 49 36.8	8.88		H	131.321 803 56	−76.826 897 69		2.08	−6.93	4.21	0.72	0.74	0.79	0.82	0.74	+14	+16	+21	−9	−17	−3	−16	−25	+9	−5	0	−0.58
42949		08 45 17.43	−06 58 42.6	6.66		H	131.322 620 20	−06.978 505 40		5.18	−2.54	−8.47	0.87	0.45	1.09	0.81	0.49	−14	+56	−16	−28	−21	−21	−7	+8	+13	−33	0	−0.58
42950		08 45 19.71	+15 02 49.3	7.78		H	131.332 112 58	+15.047 013 99		10.73	−26.98	−35.17	1.18	0.59	1.18	1.28	0.88	−20	+9	−23	−46	−9	−11	−10	+53	−28	−21	4	0.14
*42951	H	08 45 20.77	−02 36 03.7	6.41	2	G	131.336 521 37	−02.601 029 81	A	11.50	3.77	−13.23	2.59	1.93	2.71	3.53	2.51	−15	+15	−12	−36	−16	−36	−4	+41	−2	−36	24	1.65
*42952		08 45 20.55	+18 52 31.5	8.44		H	131.335 632 56	+18.875 427 26		4.93	−33.59	−12.57	1.15	0.59	1.13	1.56	0.87	−3	+9	−9	−16	+12	−11	+6	+33	−5	+10	0	−0.24
42953		08 45 21.39	+42 24 14.4	8.19		H	131.339 141 34	+42.403 999 99		7.75	17.70	−65.80	0.99	0.65	1.14	1.40	0.88	−23	+30	−9	+4	−10	−10	−15	−2	−9	−42	0	−0.01
42954		08 45 21.42	+30 41 51.9	6.12		H	131.339 268 78	+30.697 762 09		6.84	−3.27	−4.26	0.71	0.42	0.76	0.88	0.54	−13	+34	−15	+4	−6	−21	−8	+11	+5	−18	0	2.07
42955	H	08 45 21.74	−25 58 33.7	9.12		H	131.340 577 47	−25.976 025 96	A	−1.18	−5.85	2.40	2.21	1.91	2.81	2.56	1.72	−25	+4	+1	+33	−17	−10	−17	+36	−25	−35	1	1.21
42956		08 45 22.17	+71 17 34.3	8.61		H	131.342 390 05	+71.292 851 17		2.22	5.84	−41.66	0.70	0.80	1.05	0.76	0.89	+22	+18	+1	−13	−16	−1	−14	−27	+1	+33	2	0.77
42957		08 45 23.34	+00 11 52.0	6.55		H	131.347 233 16	+00.197 769 95		9.07	−26.03	−2.26	0.76	0.58	0.97	1.02	0.65	−24	+25	−38	−12	+15	−38	−7	+41	−23	+1	0	0.65
*42958	H	08 45 23.93	+60 00 59.8	10.64		H	131.349 720 35	+60.016 616 72	A	6.80	−126.24	10.53	2.25	2.62	3.50	3.00	2.73	−22	+17	−13	−28	−15	+0	−15	−22	+8	+33	2	1.29
*42959		08 45 23.93	+46 10 16.5	7.98		H	131.349 690 91	+46.171 249 05		11.68	8.45	−77.13	0.80	0.60	0.94	1.12	0.85	−26	+33	−19	+6	+13	+7	+17	−7	+1	+20	6	1.05
42960		08 45 24.25	−03 40 53.5	8.33		H	131.351 026 00	−03.681 527 32		3.50	5.19	−4.98	0.79	0.60	1.03	1.01	0.77	−8	+5	−23	−8	−2	−36	−8	+40	−15	−11	0	0.77
42961		08 45 24.74	−60 37 06.9	9.43		H	131.353 081 63	−60.618 576 61		5.20	−8.59	17.38	0.80	0.75	0.85	0.84	0.74	+5	−15	+2	+29	+5	+4	−1	−13	+13	−4	0	−0.23
42962		08 45 25.25	+33 39 10.9	9.81		H	131.355 204 72	+33.653 040 44		4.65	−7.70	−37.54	1.31	0.83	1.50	1.65	1.18	−15	+10	−19	−1	+0	−18	−3	+13	−12	−28	0	−0.82
42963	H	08 45 26.52	+70 38 59.0	9.90		G	131.360 490 49	+70.649 727 47	*	−3.37	−1.56	−3.37	6.56	20.64	2.37	1.58	2.00	+75	+1	−5	+0	+7	−1	+3	+7	+3	+30	0	1.58
42964		08 45 27.58	+81 00 10.3	12.81	3	H	131.364 920 82	+81.002 856 17		10.24	−158.90	−66.62	4.84	5.01	6.29	5.57	5.74	−2	+17	−1	−24	−9	+1	−9	−37	−11	+9	2	
42965		08 45 27.96	+21 39 13.0	10.53		G	131.366 520 11	+21.653 621 77		12.02	−33.28	−19.22	1.77	1.10	2.10	2.28	1.58	−19	+8	−37	−9	+7	−29	−7	+46	−29	−6	0	0.56
42966		08 45 28.28	+20 23 43.5	8.51		H	131.367 825 43	+20.395 422 52		6.01	−38.93	−14.22	1.08	0.58	1.13	1.23	0.90	−15	+30	+1	−37	−1	−29	+9	+28	−6	−32	0	1.52
42967		08 45 28.28	−58 27 27.7	8.73		H	131.367 826 57	−58.457 706 96		0.49	−2.73	−2.30	0.69	0.64	0.73	0.84	0.73	−9	−4	+13	−15	−6	−2	−2	+6	+5	−23	3	−0.25
42968		08 45 28.70	+16 56 44.6	9.30		H	131.369 586 09	+16.945 719 98		18.23	−81.00	−8.88	1.71	0.82	1.77	2.27	1.21	−14	+13	−39	−51	+12	−28	−12	+45	−41	+13	0	−0.41
42969	H	08 45 28.90	−57 38 53.0	8.52		H	131.370 402 85	−57.648 051 35	A	0.53	1.72	0.19	1.51	1.29	1.24	1.30	1.11	−4	+8	+28	+15	−7	−4	−5	+2	+7	−16	1	0.09
42970		08 45 29.65	+18 49 02.9	6.77		H	131.373 534 67	+18.817 485 68		15.95	−98.03	1.23	0.87	0.45	0.86	1.25	0.67	−2	+12	−6	−12	+16	−11	+8	+36	−9	+16	0	0.86
42971		08 45 30.02	+38 21 09.3	8.26		H	131.375 095 82	+38.352 578 62		2.80	−21.11	1.87	0.95	0.65	1.07	1.22	0.82	−30	+24	−22	−20	−25	−8	−17	+13	+1	−53	0	−0.79
42972	H	08 45 30.09	−50 45 09.2	8.36		H	131.375 391 18	−50.752 561 52	A	−0.58	−2.72	1.96	2.08	1.59	1.26	1.34	1.42	−41	−11	+8	−8	−1	−10	+0	−12	−11	−17	2	−0.27
42973		08 45 30.39	+33 14 22.9	7.83		H	131.376 612 80	+33.239 703 26		1.31	13.77	5.51	0.93	0.60	1.02	1.29	0.88	−23	+21	−16	−2	+16	−5	+13	+6	−12	−16	0	0.62
42974		08 45 30.52	+20 35 24.7	9.85		H	131.377 146 59	+20.590 198 28		5.96	−38.91	−12.09	1.42	0.82	1.56	1.75	1.30	−21	+23	−8	−24	−1	−22	+1	+39	−16	−27	0	−1.17
42975		08 45 30.71	−28 12 02.9	8.98	3	H	131.377 953 70	−28.200 792 14	*	0.85	−6.10	5.96	0.69	0.67	1.39	0.91	0.88	+11	+27	+3	−48	−8	−32	+6	−20	+18	−24	0	0.53
42976		08 45 31.30	+28 26 42.9	7.34		H	131.380 400 67	+28.445 252 55		15.77	−124.62	22.22	0.86	0.53	0.93	1.05	0.81	−16	+21	−12	−2	+2	−13	+1	+25	−16	−22	0	1.10
42977		08 45 32.58	−39 45 08.4	8.24		H	131.385 766 05	−39.752 327 87		14.69	−99.52	33.16	0.56	0.61	0.79	0.56	0.65	+13	+12	+12	−9	−4	−1	−4	−9	+7	+1	0	0.34
42978	H	08 45 33.16	+29 16 04.9	8.52		H	131.388 155 00	+29.268 032 45	A	8.62	−4.69	−0.43	1.87	1.15	1.84	2.01	1.43	−25	+30	−20	−12	−16	−20	−19	+42	−15	−32	1	−0.84
42979		08 45 33.71	−48 48 54.9	10.60		H	131.390 461 91	−48.815 263 36		4.42	−6.81	3.62	1.19	1.26	1.44	1.29	1.22	−3	+0	+19	−18	−2	−6	−1	−29	+13	−10	0	0.66
42980		08 45 34.74	−43 19 44.9	8.18		G	131.394 765 15	−43.329 144 59		1.74	3.91	−8.55	0.63	0.62	0.78	0.77	0.72	+2	−6	−1	−8	+2	−6	−2	−21	+13	−19	0	0.87
42981		08 45 34.84	+04 39 52.4	6.45		H	131.395 163 96	+04.664 564 64		7.87	43.63	−77.43	0.78	0.48	0.98	1.02	0.61	−5	+26	−29	+9	+27	−25	+13	+46	−26	+9	0	0.54
42982	H	08 45 35.34	+84 41 37.5	9.09		H	131.397 246 15	+84.693 742 34	A	23.10	−79.53	−192.61	2.41	1.92	2.05	2.18	1.68	−4	+10	−22	+14	+8	+3	+8	+16	+6	+19	0	0.16
42983		08 45 37.87	+37 17 30.2	6.95		H	131.407 796 50	+37.291 724 07		12.08	−53.57	−53.22	0.70	0.52	0.86	0.80	0.60	−34	+15	−27	−17	−25	+2	−16	+8	+3	−62	2	−0.78
42984		08 45 38.13	−77 04 31.0	6.85		H	131.408 894 63	−77.075 276 65		6.18	−3.30	−15.69	0.87	0.84	0.92	0.95	0.88	+7	+5	+4	−2	−13	−5	−15	−26	+16	−7	0	
42985		08 45 38.33	−55 13 24.5	8.20		H	131.409 715 52	−55.223 485 90		3.97	−49.74	−3.34	0.60	0.58	0.66	0.60	0.63	+10	−6	−6	−8	−10	+5	−10	−3	+1	−2	0	−0.28
42986		08 45 39.30	+58 49 48.4	9.35		H	131.413 770 55	+58.830 120 46		5.07	21.34	−16.92	1.05	0.97	1.34	1.34	1.33	−7	+15	+7	−26	−8	+17	−12	−25	−10	−8	2	−0.30
42987		08 45 41.57	+34 24 43.0	10.81		H	131.423 204 36	+34.411 952 22		2.33	−23.98	−11.69	1.83	1.13	2.11	2.37	1.51	−16	+18	−21	+7	+5	−22	−2	+11	−16	−18	0	−1.19
42988		08 45 43.63	−52 58 18.1	7.65		H	131.431 776 34	−52.971 707 03		3.53	−11.56	2.88	0.51	0.52	0.59	0.67	0.61	+14	+6	−7	+2	−9	+6	−7	−13	+5	+20	0	−0.08
42989		08 45 43.95	−55 51 18.0	6.77		H	131.433 128 70	−55.855 002 54		12.01	−69.25	106.65	0.46	0.41	0.49	0.49	0.46	+8	−1	+6	+5	−5	+3	−5	+6	+1	−3	1	−1.02
42990		08 45 45.02	+50 49 40.5	9.17		H	131.437 593 40	+50.827 908 30		2.94	−14.66	−6.88	1.17	0.82	1.37	1.89	0.95	−2	+12	−14	−6	+10	+15	+18	−31	+17	+63	0	1.00
42991		08 45 45.40	−35 17 02.8	9.67		H	131.439 157 46	−35.284 114 33		0.79	−6.64	2.34	0.81	0.90	1.24	0.81	0.89	+10	−15	+6	+0	+1	−3	+4	+1	−18	+4	1	0.99
42992	H	08 45 46.44	−12 39 49.4	8.92		H	131.443 513 20	−12.663 725 31	A	7.16	−33.77	−9.62	1.79	1.36	1.97	1.98	1.35	−18	+18	−4	−22	−10	−4	−5	−10	+3	−51	2	0.72
42993		08 45 46.56	+19 02 58.2	8.03		H	131.443 998 18	+19.049 494 74		5.05	−40.74	−13.46	1.07	0.53	1.05	1.24	0.78	−2	+5	−9	−29	+1	−24	+2	+36	−16	−3	2	0.57
42994		08 45 46.92	+48 52 43.5	7.47		H	131.445 511 36	+48.878 743 87		7.74	−3.69	8.56	0.78	0.55	0.88	0.91	0.55	−10	+27	−10	+11	+17	−19	+19	−29	−5	+14	0	0.02
42995		08 45 47.29	+58 12 14.9	8.23		G	131.447 036 48	+58.204 143 58		4.12	3.62	−8.00	0.85	0.79	1.10	0.98	0.83	−15	+27	−9	−17	+2	−5	+2	−26	−3	+3	0	1.18
42996		08 45 47.40	−40 36 56.1	7.24		G	131.447 514 20	−40.615 589 20		1.57	−5.56	4.14	0.43	0.50	0.62	0.46	0.52	+15	+5	−14	+3	−6	+17	−3	−33	+31	+19	0	−1.94
42997		08 45 47.50	−44 14 52.9	6.70		H	131.447 898 70	−44.248 027 73		2.88	−10.28	6.78	0.49	0.46	0.59	0.58	0.50	+4	−13	+16	−3	−6	+3	−7	−16	−10	−13	0	−0.12
42998		08 45 48.16	+43 38 09.5	8.31		H	131.450 660 16	+43.635 979 01		2.35	−18.48	−11.46	0.96	0.71	1.13	1.17	0.95	−25	+27	−4	−6	−11	−14	−11	+6	−2	−44	2	0.39
*42999		08 45 48.37	−35 36 01.1	9.44		G	131.451 524 97	−35.600 317 43		0.99	−3.38	3.85	0.78	0.92	1.19	0.88	0.90	+10	+8	+24	−14	+11	+8	+8	+2	−10	+7	1	2.88
*43000		08 45 48.36	−36 44 34.8	7.45		G	131.451 491 06	−36.743 003 66		2.80	−10.01	7.05	0.43	0.49	0.66	0.44	0.48	+3	+3	+9	+0	+7	+19	+5	−11	+3	+7	0	−0.31

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
42901	9.403	0.013	8.236	0.009		1.001	0.012	T	0.98	0.01	L	8.2905	0.0017	0.018	157		8.21	8.32		U 2	08446−3758	I 1	1 G							
42902	11.713	0.074	9.969	0.025		1.040	0.015	G	1.01	0.01	I	9.9870	0.0022	0.027	192		9.93	10.03		C			1 S							
42903	9.362	0.021	9.269	0.027	*	0.091	0.032	T	0.10	0.04	L *	9.2960	0.0020	0.016	92	*	9.27	9.32		C	08446−0927	H 1	2 C	A	AB	211	0.218	0.026	2.10	0.33	
42904	9.961	0.030	9.462	0.029		0.469	0.038	T	0.54	0.04	L	9.6093	0.0033	0.025	78		9.57	9.65		C	08446+4914	I 1	1								
42905	10.697	0.047	9.916	0.038	*	0.694	0.046	T	0.75	0.04	L *	9.9281	0.0042	0.029	83	*	9.88	9.97			08446−0116	H 1	2 C	A	AB	194	0.256	0.016	1.06	0.24	
42906	10.501	0.033	10.073	0.037		0.404	0.046	T	0.47	0.05	L	10.0880	0.0044	0.037	134		10.02	10.16					1 X S								
42907	9.171	0.015	7.765	0.008		1.198	0.003	G	1.16	0.00	J	7.7915	0.0010	0.011	115		7.77	7.81					1								
42908	7.703	0.007	7.427	0.007	A	0.324	0.003	G	0.38	0.00	R *	7.4176	0.0014	0.012	141	*	7.40	7.44		C	08447−4117	I 1	2 C	B	AB	2	4.374	0.026	3.48	0.12	S
42909	8.496	0.009	8.184	0.010		0.293	0.015	G	0.33	0.02	H	8.2498	0.0017	0.020	154		8.22	8.29					1								
42910	11.665	0.110	10.312	0.048	*	1.225	0.015	G	1.18	0.01	I *	10.2661	0.0038	0.029	97	*	10.22	10.32		C	08447−2126	H 1	2 C	D	AB	266	0.792	0.085	3.53	0.27	G D
42911	5.334	0.003	4.053	0.003		1.083	0.005	G	1.01	0.02	G	4.1036	0.0006	0.003	84		4.10	4.11			08447+1809	I 1	1							S
42912	8.371	0.009	6.870	0.005		1.263	0.008	T	1.22	0.01	L	6.8795	0.0013	0.011	136		6.86	6.90			08447−2347	I 1	1							S
42913	2.050	0.002	1.949	0.003	*	0.043	0.006	G	0.05	0.02	A *	1.9511	0.0003	0.003	104	*	1.95	1.96		D	08448−5442	I 1	2 C	A	AB	5	0.736	0.014	3.58	0.07	S
42914	9.126	0.014	8.246	0.011		0.763	0.002	G	0.81	0.00	H	8.3244	0.0019	0.015	106		8.30	8.36		C			1							
42915	8.222	0.009	6.798	0.005		1.220	0.015	G	1.18	0.02	A	6.8217	0.0008	0.007	110		6.81	6.83		C			1							S
42916	8.128	0.009	7.284	0.006		0.743	0.002	G	0.81	0.02	A	7.3371	0.0011	0.011	118		7.32	7.36					1 X S							S D
42917	5.537	0.003	5.618	0.004		−0.069	0.004	T	−0.05	0.00	L	5.6114	0.0007	0.006	93		5.60	5.62	7.05	P 1 A			1							S P
42918	9.690	0.017	7.685	0.007		1.661	0.015	T	1.68	0.01	L	7.5761	0.0020	0.016	138		7.55	7.60		U			1							
42919	9.940	0.027	9.005	0.019		0.800	0.015	G	0.84	0.01	H	9.0496	0.0031	0.023	106		9.01	9.08					1							
42920	9.263	0.018	8.149	0.013		0.960	0.017	T	0.95	0.01	L	8.1913	0.0015	0.011	85		8.17	8.22		C			1							
42921	11.355	0.069	9.236	0.020		1.792	0.059	T	2.46	0.10	O	9.0484	0.0027	0.030	109		9.01	9.11		U 2			1							P
42922	7.227	0.005	6.618	0.005		0.567	0.006	T	0.64	0.01	L	6.6818	0.0008	0.007	120		6.67	6.69					1							S
42923	5.552	0.002	5.711	0.003		−0.139	0.003	T	−0.13	0.00	L	5.6902	0.0017	0.018	173		5.67	5.72		U 2			1							S
42924	8.199	0.011	7.678	0.012	*	0.518	0.015	G	0.59	0.02	H *	7.7090	0.0012	0.010	95	*	7.69	7.73		C	08449−0815	H 1	2 C	A	AB	219	0.751	0.020	3.56	0.08	S
42925	9.608	0.017	8.950	0.015	*	0.601	0.017	T	0.67	0.01	L *	9.0545	0.0023	0.019	126	*	9.02	9.09		C	08449−4124	H 1	2 C S	B	AB	234	0.184	0.036	1.71	0.72	
42926	9.427	0.019	8.424	0.014		0.750	0.020	G	0.90	0.02	A	8.5027	0.0447	0.300	123		8.11	8.81	9.55	P 1 A			1							
42927	10.425	0.035	9.033	0.019		1.177	0.031	T	1.14	0.03	L	9.0502	0.0017	0.016	90		9.03	9.08		C			1							
42928	6.340	0.004	6.129	0.004		0.195	0.006	T	0.21	0.01	L	6.1675	0.0009	0.007	100		6.16	6.19					1							S
42929	11.203	0.065	9.767	0.029		1.212	0.056	T	1.17	0.06	L	9.7988	0.0221	0.258	114		9.51	10.17	5.86	P 1 A			1							G
42930	7.203	0.004	7.157	0.004		0.036	0.003	G	0.05	0.00	H	7.1784	0.0007	0.012	248		7.16	7.20		C			1							S
42931	6.377	0.003	6.155	0.004		0.200	0.001	G	0.22	0.00	H	6.1976	0.0007	0.007	107		6.19	6.21		C			1							S
42932	8.627	0.009	8.700	0.012		−0.070	0.000	G	−0.05	0.00	H	8.7268	0.0018	0.019	137		8.69	8.76					1							
42933	9.368	0.015	9.412	0.021		−0.036	0.024	T	−0.01	0.02	L	9.3880	0.0029	0.028	119		9.32	9.44					1							
42934	9.248	0.016	8.843	0.017		0.360	0.015	G	0.42	0.02	H	8.9103	0.0020	0.014	80		8.89	8.93		C			1							
42935	8.552	0.010	8.055	0.010		0.491	0.015	G	0.56	0.02	H	8.1007	0.0015	0.013	107		8.08	8.13					1							S
42936	6.048	0.005	6.128	0.006	*	−0.083	0.012	G	−0.06	0.01	H *	6.1769	0.0009	0.008	113	*	6.16	6.20		D	08451−5843	I 1	2 C	A	AB	292	4.150	0.003	0.09	0.01	S
42937	7.265	0.004	6.928	0.004		0.325	0.006	T	0.38	0.01	L	6.9721	0.0008	0.012	214		6.95	6.99			08451−3215	I 1	1							S
42938	9.676	0.021	9.015	0.019		0.613	0.024	T	0.68	0.02	L	9.0948	0.0017	0.015	77		9.07	9.13		C			1							
42939	8.696	0.009	8.753	0.012		−0.054	0.005	G	−0.03	0.01	H	8.7706	0.0021	0.016	128		8.75	8.79		C			1							
42940	9.725	0.021	8.631	0.015		0.940	0.005	G	0.99	0.01	I	8.6624	0.0025	0.017	94		8.64	8.69			08452+4141	I 1	1							
42941	7.829	0.008	7.319	0.007		0.496	0.015	G	0.57	0.02	H	7.3628	0.0010	0.009	88		7.35	7.39		C			1							S
42942	8.118	0.010	8.170	0.012		−0.056	0.015	G	−0.03	0.01	H	8.1688	0.0015	0.014	101		8.15	8.19		C			1							
42943	9.042	0.015	8.205	0.012		0.753	0.015	T	0.80	0.01	L	8.2549	0.0019	0.014	95		8.23	8.29					1							S
42944	9.458	0.015	8.086	0.009		1.161	0.014	T	1.12	0.01	L	8.1339	0.0014	0.017	133		8.11	8.16					1							S
42945	10.589	0.043	9.535	0.028		0.915	0.039	T	0.91	0.03	L	9.6349	0.0017	0.020	92		9.60	9.67		C			1							
42946	9.570	0.026	8.193	0.015		1.134	0.002	G	1.10	0.00	H	8.2212	0.0014	0.012	104		8.20	8.25		C			1							
42947	10.104	0.023	9.615	0.023		0.460	0.030	T	0.53	0.03	L	9.7098	0.0022	0.025	148		9.67	9.75		C			1							
42948	10.716	0.042	9.034	0.018		1.405	0.036	T	1.38	0.04	L	9.0173	0.0024	0.019	114		8.98	9.05		C			1							
42949	8.577	0.011	6.811	0.006		1.472	0.010	T	1.49	0.01	L	6.7901	0.0010	0.007	104		6.78	6.80					1							S
42950	8.448	0.013	7.832	0.009		0.574	0.014	T	0.65	0.01	L	7.9008	0.0011	0.011	95		7.88	7.92					1							S
42951	8.061	0.013	7.527	0.017	B	0.521	0.006	G	0.59	0.01	H *	6.5458	0.0065	0.093	73	*	6.52	7.01		U 2	08453−0236	I 1	2 C	A	AB	264	4.679	0.006	0.67	0.02	S
42952	8.758	0.014	8.484	0.016		0.285	0.015	G	0.32	0.02	H	8.5132	0.0015	0.012	93		8.49	8.54		C			1 S							S
42953	9.460	0.020	8.300	0.013		0.996	0.019	T	0.97	0.01	L	8.3605	0.0010	0.013	86		8.33	8.38		D			1							S
42954	7.292	0.006	6.219	0.004		0.935	0.003	G	0.93	0.03	C	6.2834	0.0007	0.007	83		6.27	6.30					1							S
42955	9.495	0.019	9.216	0.021	*	0.265	0.026	T	0.30	0.03	L *	9.1901	0.0020	0.024	116	*	9.14	9.23		D	08454−2559	I 1	2 C	A	AB	280	0.742	0.005	0.92	0.03	
42956	10.155	0.021	8.731	0.011		1.202	0.019	T	1.16	0.02	L	8.7735	0.0020	0.022	162		8.74	8.82					1							
42957	7.852	0.008	6.676	0.005		1.008	0.007	T	0.98	0.01	L	6.7204	0.0007	0.007	87		6.71	6.74		C			1 G							S
42958						0.812	0.010	G	0.84	0.01	R *	10.7942	0.0035	0.034	163	*	10.73	10.86		D	08454+6001	I 1	2 C	A	AB	208	4.205	0.015	1.57	0.07	G
42959	8.471	0.014	8.024	0.014		0.435	0.021	G	0.50	0.02	H	8.0775	0.0021	0.011	63		8.06	8.09		C			1							S
42960	8.452	0.011	8.345	0.013		0.104	0.016	T	0.12	0.02	L	8.3732	0.0020	0.015	83		8.35	8.40					1							
42961	9.846	0.020	9.455	0.022		0.370	0.028	T	0.43	0.03	L	9.5178	0.0025	0.020	116		9.49	9.56		C			1							
42962	10.307	0.032	9.880	0.034		0.403	0.043	T	0.47	0.05	L	9.8992	0.0026	0.021	85		9.86	9.93					1							
42963	11.830	0.098	9.916	0.027	*	1.052	0.197	G	1.02	0.16	R *	9.8038	0.0039	0.037	142	*	9.71	9.87			08454+7039	H 1	2 C	B	AB	284	0.184	0.015	0.66	0.55	
42964											T	12.9433	0.0100	0.142	112		12.36	13.10		U			1 X							D
42965	11.191	0.089	10.534	0.079		0.551	0.016	G	0.62	0.01	H	10.6536	0.0055	0.034	84		10.60	10.71					1							G
42966	8.864	0.014	8.535	0.015		0.312	0.019	T	0.36	0.03	L	8.5831	0.0016	0.015	81		8.56	8.60		C			1							
42967	10.908	0.044	8.930	0.015		1.640	0.037	T	1.66	0.04	L	8.8397	0.0023	0.021	115		8.79	8.87		R			1 S							
42968	10.278	0.042	9.400	0.030		0.783	0.039	T	0.82	0.03	L	9.4449	0.0026	0.020	89		9.41	9.48		C			1							
42969	9.950	0.023	8.659	0.014	*	1.098	0.021	T	1.06	0.02	L *	8.6938	0.0019	0.017	113	*	8.67	8.72		D	08455−5739	H 1	2 C	A	AB	272	0.546	0.023	2.89	0.08	
42970	7.223	0.006	6.810	0.005		0.390	0.007	T	0.46	0.01	L	6.8617	0.0007	0.005	98		6.85	6.88					1							S
42971	9.734	0.024	8.383	0.014		1.145	0.022	T	1.11	0.02	L	8.4312	0.0016	0.010	96		8.41	8.45		C			1							
42972	10.119	0.028	8.580	0.014	*	1.293	0.024	T	1.25	0.03	L *	8.5208	0.0014	0.015	117	*	8.50	8.54		D	08455−5045	H 1	2 C	A	AB	296	0.363	0.010	1.87	0.08	
42973	9.907	0.027	8.015	0.011		1.572	0.023	T	1.59	0.02	L	7.9458	0.0023	0.014	81		7.92	7.97					1							S
42974	10.331	0.036	9.961	0.041		0.351	0.051	T	0.41	0.06	L	9.9277	0.0020	0.018	77		9.89	9.97					1							
42975	12.265	0.158	9.236	0.016		2.100	0.510	G	2.09	0.52	J	9.0571	0.0812	0.764	195		7.87	10.00	361.80	P 1 B			1 V							G P
42976	7.851	0.009	7.392	0.008		0.460	0.009	G	0.53	0.01	H	7.4424	0.0015	0.009	81		7.43	7.46		C			1							S
42977	8.967	0.011	8.305	0.010		0.604	0.011	T	0.67	0.01	L	8.3708	0.0013	0.014	149		8.35	8.40		C			1							
42978	9.747	0.025	8.674	0.017	*	0.929	0.023	T	0.92	0.02	L *	8.6820	0.0014	0.014	84	*	8.65	8.74		D	08456+2916	M 1	2 C	A	AB	185	1.010	0.022	3.02	0.14	S
42979	10.894	0.052	10.575	0.062		0.290	0.020	G	0.33	0.03	R	10.6773	0.0041	0.040	106		10.61	10.74					1							D
42980	9.561	0.017	8.301	0.010		1.060	0.015	G	1.03	0.01	H	8.3371	0.0020	0.016	116		8.31	8.36		C			1							
42981	8.029	0.009	6.572	0.005		1.228	0.008	T	1.19	0.01	L	6.6141	0.0010	0.007	102		6.60	6.63		C			1							S
42982	10.414	0.029	9.279	0.018	*	0.976	0.026	T	0.96	0.02	L *	9.2568	0.0022	0.020	132	*	9.21	9.30		D	08456+8442	I 1	2 C	A	AB	292	0.500	0.003	0.14	0.02	
42983	7.293	0.005	6.980	0.005		0.297	0.007	T	0.34	0.01	L	7.0267	0.0013	0.009	114		7.01	7.05					1							S
42984	6.930	0.004	6.865	0.005		0.059	0.006	T	0.07	0.01	L	6.8773	0.0010	0.008	120		6.87	6.90					1 X							S
42985	9.594	0.021	8.328	0.013		1.079	0.019	T	1.04	0.02	L	8.3692	0.0015	0.014	123		8.35	8.39		C			1							
42986	10.599	0.042	9.465	0.027		0.976	0.039	T	0.96	0.03	L	9.5141	0.0020	0.022	83		9.47	9.57		C			1							
42987	11.419	0.085	10.785	0.078		0.484	0.072	G	0.56	0.08	R	10.9174	0.0037	0.029	83		10.84	10.96					1							G
42988	7.544	0.006	7.629	0.009		−0.087	0.006	G	−0.07	0.01	H	7.6230	0.0011	0.011	127		7.61	7.64		C			1							S
42989	7.110	0.006	6.800	0.005		0.299	0.001	G	0.34	0.00	H	6.8420	0.0005	0.007	106		6.83	6.85		D			1							S
42990	10.508	0.044	9.222	0.024		1.094	0.039	T	1.06	0.04	L	9.3382	0.0022	0.018	94		9.31	9.37					1							
42991	9.626	0.017	9.660	0.026		−0.028	0.027	T	−0.01	0.03	L	9.6686	0.0030	0.029	156		9.61	9.72					1							G
42992	9.696	0.023	9.207	0.023	A	0.600	0.495	G	0.58	0.05	L *	9.0286	0.0023	0.014	82	*	9.00	9.06		D	08458−1240	I 1	2 C	A	AB	339	1.597	0.006	1.13	0.02	
42993	8.319	0.012	8.063	0.013		0.244	0.017	T	0.27	0.02	L	8.0975	0.0013	0.010	93		8.08	8.11		C			1							S
42994	7.557	0.009	7.479	0.007		0.077	0.011	T	0.09	0.01	L	7.4989	0.0009	0.008	86		7.48	7.51		C			1							S
42995	8.795	0.013	8.297	0.012		0.486	0.015	G	0.56	0.02	H	8.3380	0.0021	0.013	84		8.30	8.37		C			1							S
42996	7.171	0.005	7.238	0.007		−0.038	0.005	G	−0.02	0.01	H	7.2300	0.0009	0.010	155		7.21	7.24		C			1							S
42997	6.571	0.004	6.676	0.005		−0.088	0.001	G	−0.07	0.00	H	6.6703	0.0009	0.008	122		6.66	6.68		C			1							S
42998	9.692	0.022	8.409	0.014		1.092	0.020	T	1.05	0.02	L	8.4730	0.0015	0.017	84		8.44	8.50					1							S
42999	11.282	0.063	9.569	0.022		1.440	0.015	G	1.41	0.02	A	9.5909	0.0024	0.025	146		9.55	9.64					1							G
43000	7.246	0.005	7.410	0.007		−0.140	0.000	G	−0.13	0.00	H	7.4032	0.0009	0.010	153		7.39	7.42					1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ α* (19)	π α* (20)	π δ (21)	$\mu_{\alpha*}$ α* (22)	$\mu_{\alpha*}$ δ (23)	$\mu_{\alpha*}$ π (24)	μ_δ α* (25)	μ_δ δ (26)	μ_δ π (27)	μ_δ $\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
43001		08 45 49.29	−66 22 23.9	8.72		H	131.455 357 86	−66.373 318 91		3.53	−16.28	24.64	0.70	0.70	0.77	0.86	0.67	+1	+2	+30	+8	−1	−6	−2	−19	−4	−11	0	0.44
43002		08 45 49.30	−25 23 17.2	6.07	1	H	131.455 413 93	−25.388 106 36		9.14	−26.32	7.64	0.55	0.45	0.72	0.66	0.49	−9	−1	−6	+33	−9	+21	−1	+25	−10	−20	0	−0.20
43003	H	08 45 49.75	−27 51 23.7	8.41		H	131.457 283 58	−27.856 582 24	A	5.47	−13.99	5.71	0.85	0.92	1.31	0.90	0.95	−11	+1	+12	−1	+2	+9	+2	+19	−10	−30	1	−0.05
43004		08 45 50.05	+20 01 20.8	7.58		H	131.458 525 13	+20.022 433 89		17.72	30.04	−64.88	0.96	0.51	1.00	1.07	0.76	−9	+16	−8	−31	−7	−27	−5	+40	−19	−16	2	0.29
43005		08 45 51.11	−37 52 38.4	6.87		H	131.462 968 85	−37.877 337 28		2.70	−6.90	8.43	0.41	0.43	0.57	0.46	0.45	+10	+4	+11	+5	+6	+13	+4	−8	+4	+5	0	−0.70
43006		08 45 51.95	−07 42 52.8	9.32	2	H	131.466 447 26	−07.714 675 55		3.13	−17.36	23.19	1.22	0.79	1.52	1.55	1.00	−10	+33	−16	−36	−3	−32	−20	+15	−5	+10	0	−0.42
43007		08 45 52.22	+47 29 03.0	9.40		H	131.467 589 29	+47.484 157 25		10.93	−31.55	8.47	1.37	0.87	1.30	2.07	1.28	−5	+19	−23	+47	+14	−8	+19	+24	−5	+28	0	−0.43
43008		08 45 53.53	−75 53 46.0	8.75		H	131.473 031 79	−75.896 100 20		10.43	−45.74	15.77	0.72	0.66	0.78	0.75	0.70	+3	+27	+16	+5	−13	−4	−9	−7	+18	−15	1	−0.26
43009		08 45 53.76	−56 06 43.5	8.00		H	131.473 991 12	−56.112 073 95		3.37	−21.13	−21.80	0.58	0.51	0.61	0.65	0.58	+7	+7	+0	+8	−3	+12	−3	+2	+6	+2	1	1.85
43010		08 45 54.42	−42 20 16.1	8.23		H	131.476 730 88	−42.337 802 40		4.89	−12.64	−2.98	0.62	0.65	0.80	0.75	0.71	+1	−7	−10	+2	+7	+11	+4	−28	+26	−1	0	−0.89
43011		08 45 55.13	−47 34 34.4	8.84		G	131.479 688 66	−47.576 210 22		2.02	−7.17	5.43	0.67	0.71	0.84	0.77	0.68	+7	+3	+27	+11	+0	−5	+1	−24	−7	+7	1	1.17
43012		08 45 55.23	−79 30 16.5	5.79	1	H	131.480 144 51	−79.504 570 35		5.83	−26.11	81.26	0.42	0.42	0.46	0.47	0.42	+8	+5	+3	+16	−4	+10	−3	−23	+21	+9	0	−0.56
43013		08 45 56.63	−32 09 49.9	6.84		H	131.485 953 17	−32.163 850 57		5.06	−18.28	9.57	0.39	0.48	0.74	0.48	0.52	+26	−5	−8	−4	+9	+16	+8	−12	+18	+32	1	0.11
43014		08 45 56.81	+73 17 33.1	7.34		G	131.486 698 63	+73.292 530 75		5.32	−0.90	10.66	0.49	0.48	0.68	0.63	0.54	+10	+13	−19	+22	−5	+14	−1	+10	+1	+16	2	−0.53
43015		08 45 58.27	−54 57 37.5	6.99		H	131.492 804 64	−54.960 408 08		5.70	−15.63	8.78	0.45	0.48	0.53	0.49	0.54	+12	+3	+2	−6	−6	+17	−5	+12	+6	+2	1	−0.16
43016		08 45 58.37	+53 54 58.9	8.43		H	131.493 228 24	+53.916 374 36		0.50	−12.70	−4.46	0.87	0.76	1.09	1.06	0.79	+2	+7	−13	+16	+18	−10	+22	−18	+8	+23	0	−0.26
43017		08 45 59.09	−48 41 13.5	7.46		G	131.496 219 80	−48.687 084 88		3.79	0.94	−10.62	0.58	0.53	0.66	0.64	0.53	+5	+7	+15	−22	−2	−6	+0	−22	+11	−6	0	0.92
43018		08 45 59.29	+13 15 49.6	8.70		H	131.497 023 28	+13.263 778 93		0.34	−41.83	−112.42	1.12	0.63	1.46	1.31	0.93	−34	+43	−40	−27	+8	−30	−20	+54	−44	−9	4	1.32
43019		08 45 59.99	−06 32 22.3	7.89		H	131.499 966 20	−06.539 530 04		4.42	−4.34	1.04	0.89	0.52	1.13	0.90	0.59	−16	+49	−15	−16	−26	−4	−19	+8	−3	−39	0	−0.03
43020		08 46 00.21	+28 23 23.6	8.40		H	131.500 894 90	+28.389 884 01		3.59	−28.23	−18.29	1.06	0.68	1.15	1.45	1.09	−16	+14	−10	+15	−3	−22	−3	+47	−11	−20	0	0.72
43021		08 46 01.14	+57 26 06.5	7.99		H	131.504 756 51	+57.435 136 76		2.43	0.69	−0.51	0.68	0.61	0.91	0.74	0.70	+2	+39	+1	−33	−6	−6	−6	−24	−1	+5	2	−0.41
43022		08 46 01.36	−72 57 31.4	8.81		H	131.505 677 25	−72.958 711 48		3.61	5.61	−29.48	0.67	0.73	0.78	0.84	0.81	+6	+10	+25	+3	−5	+2	−3	−11	+14	+6	0	0.71
43023		08 46 01.65	−46 02 29.5	3.87		H	131.506 894 64	−46.041 539 20		2.10	−12.23	4.82	0.46	0.42	0.53	0.57	0.43	+9	+10	+8	−17	+6	−10	+6	−15	+10	+4	3	0.39
43024		08 46 01.95	+35 46 02.1	10.68		H	131.508 141 64	+35.767 242 73		11.79	−7.32	−53.37	1.78	1.18	2.24	2.08	1.50	−36	+1	+7	−15	−9	−1	−7	−1	−3	−62	2	2.06
43025		08 46 01.97	−78 51 36.5	9.08		H	131.508 203 20	−78.860 144 59		7.14	−1.39	14.35	0.67	0.71	0.75	0.72	0.71	+3	+13	+5	−1	−10	+6	−10	−27	+11	−3	0	0.76
43026		08 46 02.45	−02 02 55.6	5.70	1	G	131.510 218 22	−02.048 768 29		11.71	39.64	46.73	0.71	0.45	0.85	0.80	0.56	−12	+31	−23	−26	−3	−26	−10	+38	−19	−11	0	0.98
43027		08 46 02.91	+09 57 05.8	7.71		H	131.512 120 04	+09.951 615 65		3.61	1.18	−13.93	0.82	0.46	0.90	1.03	0.66	−2	+30	−8	+16	+14	−15	+14	+52	−5	−4	0	−0.02
43028	H	08 46 03.83	+25 21 11.3	8.14		H	131.515 962 47	+25.353 138 59	A	5.02	−14.05	−22.87	1.44	0.81	1.38	1.51	1.12	−17	+20	−27	−27	−7	−29	−15	+52	−26	−14	1	0.36
43029		08 46 04.13	−43 45 04.2	7.91		H	131.517 227 46	−43.751 171 64		1.99	−7.85	6.38	0.59	0.54	0.70	0.71	0.61	+3	+1	+9	−11	−2	−7	−2	−14	+2	−20	0	1.55
43030		08 46 04.50	+33 35 12.9	7.05		H	131.518 738 17	+33.586 914 58		2.19	18.93	−28.90	0.82	0.54	0.92	1.04	0.78	−16	+18	−15	+0	+9	−17	+6	+10	−11	−19	0	−0.82
43031	H	08 46 05.06	−37 00 53.8	7.87		H	131.521 073 46	−37.014 942 73	*	1.52	−7.25	9.16	1.21	1.97	0.99	0.67	0.75	+5	+9	+13	−13	+4	+12	+2	+2	+3	−3	2	−0.11
43032		08 46 06.24	+55 03 45.7	9.86		H	131.526 008 18	+55.062 690 16		9.53	−61.16	−21.62	1.39	0.97	1.53	1.88	1.27	+6	+29	−8	+21	+24	−10	+29	−4	−1	+38	2	−0.75
43033		08 46 06.48	−08 58 03.4	8.85		H	131.526 993 13	−08.967 617 91		4.18	7.46	−19.77	0.94	0.66	1.17	1.14	0.73	−12	+19	−8	−25	−24	−23	−15	+11	+9	−36	0	0.00
43034		08 46 06.58	−07 35 03.5	7.49		H	131.527 418 27	−07.584 313 20		6.33	−18.57	6.55	0.86	0.52	1.09	1.02	0.57	−12	+28	−14	−13	−22	−16	−9	+2	+26	−37	0	−0.42
43035		08 46 06.89	−11 00 24.5	6.22	1	H	131.528 714 02	−11.006 802 66		0.85	−29.59	14.41	1.18	0.85	1.52	1.62	0.96	−21	+11	−12	−7	−16	−8	−10	+5	+10	−43	0	
43036	H	08 46 08.01	+07 48 18.7	9.29		H	131.533 362 88	+07.805 182 81	B	16.48	−98.88	54.39	4.37	2.73	4.46	4.35	3.23	−49	+18	−14	+26	+0	+4	−3	+40	−28	−29	1	0.99
43037	H	08 46 08.85	−47 23 43.3	8.11		G	131.536 872 24	−47.395 367 08	A	11.20	−62.81	16.14	0.91	0.97	1.04	0.98	0.94	+4	+9	+18	+5	+7	−4	+5	−7	+0	−4	3	0.58
43038	H	08 46 09.03	−14 22 04.1	8.34		G	131.537 641 08	−14.367 816 02	*	10.88	134.77	−155.38	2.08	1.24	1.37	1.27	0.91	−12	+24	−18	−7	−10	+7	−6	+3	−2	−1	1	0.30
43039		08 46 09.56	−10 49 47.5	6.79	2	H	131.539 822 44	−10.829 867 06		0.24	−1.80	−11.01	0.71	0.47	0.89	0.94	0.51	−21	+15	−3	+2	−20	−6	−13	+9	+11	−40	2	1.64
43040		08 46 09.73	−24 40 42.4	8.56		H	131.540 560 61	−24.678 445 92		0.60	4.26	−9.33	0.73	0.67	0.97	0.74	0.69	−13	−6	−5	+35	−5	+7	−5	+27	−6	−18	0	1.43
43041		08 46 10.08	−26 36 46.1	7.09		H	131.542 010 24	−26.612 801 74		0.04	−8.45	3.78	0.46	0.55	0.85	0.54	0.56	−18	+15	+3	−19	−24	−3	−21	+25	+2	−17	1	0.94
*43042		08 46 11.66	+74 32 31.2	9.55		G	131.548 586 48	+74.542 007 34		1.02	−12.86	0.34	0.90	0.95	1.32	0.94	1.01	+5	+23	−27	−8	−5	−3	−4	−1	+14	+29	1	2.39
*43043		08 46 11.52	+14 03 43.6	7.99		H	131.548 011 26	+14.062 121 53		8.77	−44.80	−15.33	1.15	0.53	1.26	1.44	0.85	−11	+37	−12	−19	+10	−8	−1	+47	−28	−4	0	0.52
43044	H	08 46 11.75	+18 10 47.1	8.26		H	131.548 965 14	+18.179 749 58	A	6.26	−37.08	−7.68	2.27	1.86	1.58	1.89	1.17	−1	+23	−9	−55	−1	−32	−6	+24	−27	−8	1	−0.30
43045		08 46 12.37	+70 56 39.2	8.12	1	H	131.551 561 79	+70.944 219 63		4.14	7.28	−16.91	0.71	0.72	1.02	0.76	0.91	+22	+13	+4	−36	−12	+1	−13	−24	+6	+37	0	2.12
43046		08 46 12.41	−00 15 19.7	8.64		H	131.551 717 44	−00.255 469 01		3.54	−2.62	−2.58	0.98	0.68	1.40	1.15	0.89	−13	+28	−34	−11	+8	−38	−10	+47	−33	+0	0	2.42
43047		08 46 12.48	+05 17 12.7	8.48		H	131.552 011 00	+05.286 854 05		0.62	−5.48	5.11	0.93	0.58	1.18	1.28	0.80	−11	+8	−25	−2	+17	−21	+9	+44	−29	−4	0	0.54
43048		08 46 14.32	+27 35 42.0	7.29		H	131.559 662 00	+27.594 991 81		9.63	3.07	−81.87	0.87	0.50	1.00	1.05	0.83	−18	+10	−4	−15	+12	−17	+15	+19	−31	−21	5	−0.42
43049		08 46 15.08	−19 09 21.7	8.71		G	131.562 822 27	−19.156 032 85		5.11	8.34	−14.11	0.95	0.68	1.22	0.95	0.73	−38	+29	−8	+50	−21	+1	−24	+46	−8	−53	1	0.60
43050		08 46 15.49	+19 42 33.1	8.37		H	131.564 533 01	+19.709 190 02		4.10	−36.91	−13.09	1.07	0.57	1.16	1.27	0.84	−17	+21	−11	−27	+2	−35	−1	+47	−13	−14	0	−1.27
43051		08 46 15.94	−31 28 17.6	8.28		H	131.566 417 91	−31.471 550 84		3.32	−17.83	13.81	0.48	0.68	1.04	0.55	0.70	+34	+7	+3	+6	+8	+7	+7	−6	+7	+35	1	−2.32
43052		08 46 16.02	+26 41 04.0	8.63		H	131.566 735 20	+26.684 442 31		8.35	40.91	−69.58	1.05	0.60	1.18	1.33	0.95	−21	+13	−13	−13	+21	−19	+19	+24	−28	−12	0	−0.31
43053		08 46 16.89	+23 51 36.1	9.74		H	131.570 354 70	+23.860 024 67		3.96	28.39	9.27	1.39	0.73	1.52	1.98	1.19	−7	+10	−18	−21	+16	−26	+10	+25	−32	+0	0	0.50
43054		08 46 17.56	−20 25 40.4	7.80		G	131.573 175 81	−20.427 898 93		19.37	−179.93	32.92	1.04	0.85	1.37	1.15	0.96	−21	+9	−3	+6	−4	−11	−2	+13	+6	−39	0	
43055		08 46 17.69	−42 45 31.3	8.71		G	131.573 727 39	−42.758 696 39		2.42	−12.67	6.59	0.68	0.70	0.86	0.81	0.75	+5	−3	+0	+17	+4	+2	+1	−19	+12	−2	0	1.15
43056		08 46 19.04	−67 59 34.7	9.97		G	131.579 313 20	−67.992 970 00		16.24	137.07	−167.27	1.04	1.00	1.10	1.25	1.13	−2	+18	+3	−14	−8	−10	−6	−9	+3	−29	1	−0.92
43057		08 46 19.42	−47 32 59.6	6.87		G	131.580 896 35	−47.549 895 51		1.99	−7.76	7.46	0.46	0.43	0.53	0.53	0.43	+11	+2	+13	+12	+2	−5	+3	−14	+4	+14	1	1.24
43058		08 46 19.65	+16 02 12.0	8.71	1	H	131.581 870 80	+16.036 669 46		4.09	−64.14	−1.14	1.42	0.66	1.47	1.70	1.10	−15	−1	−35	−53	−6	−6	−6	+58	−46	−15	0	1.28
43059		08 46 19.76	−40 23 47.8	7.97	2	H	131.582 339 58	−40.396 601 17		1.92	−11.71	7.70	0.53	0.53	0.71	0.61	0.74	+6	+9	−2	+14	−1	+18	+0	−20	+8	+4	0	1.19
43060		08 46 20.10	+00 38 48.8	7.08		H	131.583 744 19	+00.646 892 72		5.38	−8.39	−18.45	0.71	0.51	0.95	0.92	0.65	−6	+8	−31	+16	+13	−39	+3	+53	−20	−2	0	1.95
43061		08 46 20.26	+20 36 59.8	7.13		H	131.584 396 93	+20.616 612 34		7.91	−18.24	−30.71	0.82	0.45	0.89	1.00	0.69	−6	+32	−1	−27	−4	−43	+6	+36	+11	−23	0	0.86
43062		08 46 20.70	+50 01 22.8	8.86	2	G	131.586 254 11	+50.022 998 17		4.09	−33.80	−27.87	1.15	0.82	1.33	1.39	0.70	−14	+5	+0	−35	+13	+15	+13	−53	+7	+31	0	0.73
43063		08 46 21.21	+01 37 56.1	9.38	2	H	131.588 385 56	+01.632 245 60	*	1.00	−6.63	−5.82	1.18	0.84	1.84	1.75	1.13	−16	+8	−4	+12	+4	−7	+3	+43	−13	+3	0	1.20
43064		08 46 21.66	−33 54 07.5	7.18		H	131.590 244 76	−33.902 081 59		5.40	−39.97	23.09	0.47	0.52	0.73	0.50	0.54	+20	+3	+5	−7	+13	+13	+13	−9	+17	+31	0	1.36
43065		08 46 21.88	−52 31 25.2	8.40		H	131.591 146 94	−52.523 661 22		3.92	−6.72	2.15	0.68	0.66	0.76	0.85	0.81	+9	+15	−4	+5	−7	+0	−5	−17	+1	+16	0	−1.30
43066		08 46 22.01	−38 18 19.4	8.93		H	131.591 702 71	−38.305 377 95		4.65	−21.02	−21.84	0.67	0.76	0.95	0.73	0.85	+1	−2	+3	+1	+5	+16	+4	−5	−9	−13	1	1.50
43067		08 46 22.53	−13 32 51.7	4.32		G	131.593 864 40	−13.547 704 94		14.38	17.57	−6.22	1.21	0.90	1.51	1.47	0.91	−11	+9	−18	−23	−11	−3	−7	−11	+8	−21	0	
*43068		08 46 22.77	+82 14 21.6	6.86		H	131.594 875 84	+82.239 332 32		4.79	−8.24	−20.72	0.47	0.40	0.56	0.58	0.44	+1	+12	−4	−22	−14	+0	−14	−15	−3	+5	1	0.28
*43069		08 46 22.65	−47 54 32.9	8.18		H	131.594 384 49	−47.909 126 67		6.37	−21.69	54.10	0.63	0.65	0.77	0.76	0.66	+14	+0	+19	+1	+2	−8	+2	−24	−4	+11	0	1.20
43070		08 46 22.96	+04 30 06.1	9.44		H	131.595 678 09	+04.501 700 32		7.88	−13.84	−55.07	1.47	0.82	1.69	1.82	1.10	+1	+34	−24	+13	+21	−14	+11	+48	−22	+9	4	−0.35
43071		08 46 23.20	−52 50 37.5	7.70	1	G	131.596 665 48	−52.843 763 24		5.37	−20.03	18.22	0.55	0.54	0.62	0.69	0.64	+11	+4	−6	+4	−8	+2	−7	−12	+5	+18	0	0.84
43072		08 46 23.31	−04 34 13.9	8.90		H	131.597 131 03	−04.570 529 68		−0.67	1.42	10.75	1.02	0.64	1.16	1.16	0.72	−13	+28	−20	−36	−16	−30	−14	+11	−1	−28	0	0.24
43073		08 46 23.77	−41 07 31.4	6.21		H	131.599 056 51	−41.125 402 65		4.53	−21.30	5.39	0.40	0.42	0.54	0.44	0.45	+14	+1	−3	+4	+1	+13	+3	−22	+24	+21	1	−0.50
43074		08 46 24.51	+10 35 31.6	7.34		H	131.602 117 85	+10.592 115 16		9.87	−28.53	−34.02	0.89	0.59	1.01	1.10	0.67	−20	+32	−33	−22	+6	−32	−11	+42	−16	+1	0	1.90
43075		08 46 25.22	+03 33 10.2	8.93		H	131.605 074 13	+03.552 839 78		2.62	−17.81	−1.98	1.04	0.83	1.40	1.42	1.10	−30	+18	−33	+18	−4	−19	−14	+63	−29	−22	0	1.13
43076		08 46 26.75	−26 37 40.0	7.97		H	131.611 468 12	−26.627 771 03		4.05	−7.92	17.88	0.54	0.65	1.00	0.64	0.67	−20	+17	+3	−19	−26	−7	−25	+24	−9	−18	0	−1.19
43077		08 46 27.02	+49 07 40.9	8.93		H	131.612 600 45	+49.128 040 44		7.22	−92.71	33.26	1.13	0.78	1.23	1.32	0.72	−7	+22	−5	−1	+19	−12	+23	−36	−3	+27	0	0.37
43078		08 46 28.93	+22 21 07.9	8.20		G	131.620 526 26	+22.352 200 66		6.99	−37.19	−15.77	0.97	0.57	1.06	1.14	0.88	−15	+21	−15	−24	−12	−38	−17	+48	−16	−19	2	0.00
43079		08 46 29.50	+17 29 45.4	7.87		H	131.622 933 49	+17.495 939 39		7.45	−25.16	−22.69	1.05	0.49	1.04	1.22	0.77	−10	−1	−12	−43	−4	−26	−4	+42	−20	−10	0	0.59
43080		08 46 29.63	−31 21 02.4	9.27		H	131.623 466 40	−31.350 676 88		8.67	−77.78	−45.54	0.56	0.79	1.13	0.64	0.80	+24	+8	+4	+7	+0	+6	+1	−20	+4	+30	0	1.11
43081		08 46 30.48	−32 50 26.8	8.82		H	131.627 019 38	−32.840 785 22		3.68	−13.76	8.79	0.55	0.69	0.98	0.60	0.69	+18	−12	−4	+0	+4	+18	+3	−17	+18	+26	1	−0.58
43082		08 46 30.55	−45 54 45.1	5.43	1	H	131.627 296 35	−45.912 516 39		0.99	−4.97	4.87	0.46	0.43	0.54	0.56	0.43	+6	+15	+12	−15	+10	+0	+9	−19	+7	+2	2	2.01
43083		08 46 31.30	−52 52 41.5	8.21		G	131.630 417 12	−52.878 208 15		2.03	−4.07	5.50	0.65	0.65	0.73	0.81	0.78	+15	+2	−9	+2	−6	+1	−5	−12	+0	+21	0	0.41
43084		08 46 32.35	+08 28 40.6	7.07		H	131.634 799 43	+08.477 940 48		6.81	−36.97	1.63	0.71	0.43	0.85	0.94	0.61	−9	+18	−18	+23	+14	−8	+11	+57	−19	−7	3	1.16
43085	H	08 46 33.11	−42 33 58.6	7.09		G	131.637 957 77	−42.566 281 09	A	2.62	−13.20	6.92	0.73	0.69	0.82	0.79	0.66	−11	−4	+4	+13	+6	+1	+5	−14	+1	−20	9	0.39
43086		08 46 33.30	+18 45 39.6	9.18		H	131.638 742 81	+18.760 993 27		3.92	−36.83	−11.21	1.36	0.73	1.38	1.51	1.03	−14	+28	−8	−29	+0	−24	−2	+40	−7	−13	0	1.14
43087	H	08 46 34.44	−42 47 26.3	8.69		G	131.643 480 65	−42.790 631 82	A	1.73	−12.50	7.60	3.98	3.25	1.73	1.75	1.60	−29	−1	−4	+0	+12	+1	+7	−25	−2	−15	8	0.06
43088		08 46 34.96	−29 45 30.0	7.63		H	131.645 674 30	−29.758 345 40		−0.41	−6.18	2.46	0.45	0.58	0.82	0.55	0.61	−3	−8	+11	+25	+0	+9	−2	+9	−7	−13	0	0.44
43089		08 46 35.42	−08 38 27.2	7.43		H	131.647 567 31	−08.640 895 73		4.80	−27.00	−5.79	0.75	0.51	0.95	0.90	0.56	−9	+14	−12	−21	−22	−24	−15	+11	+13	−32	0	1.67
43090		08 46 35.49	−10 13 35.0	9.00		H	131.647 892 22	−10.226 385 77		6.63	−49.33	−26.68	1.04	0.62	1.41	1.17	0.63	−24	+40	−6	+16	−26	+12	−19	+23	+2	−39	0	2.32
43091	H	08 46 35.62	+38 29 09.0	8.88		H	131.648 400 42	+38.485 840 65	A	5.49	−48.66	−61.03	2.53	1.78	2.38	3.20	2.17	−48	+13	−3	−14	−12	+4	−6	+6	−1	−51	2	0.82
43092		08 46 36.09	−81 07 23.8	8.43		H	131.650 379 69	−81.123 271 20		3.70	−4.04	1.64	0.65	0.61	0.73	0.78	0.79	+4	+26	−4	−1	−2	−15	−3	−12	−6	+8	3	2.27
43093		08 46 36.34	−29 43 41.2	7.29	2	H	131.651 401 07	−29.728 115 87		−0.11	−6.90	2.11	0.44	0.56	0.81	0.55	0.60	−4	−9	+12	+15	+1	+9	−2	+3	+0	−16	0	0.58
43094		08 46 36.76	+65 27 19.0	7.73		H	131.653 182 53	+65.455 273 41		4.99	30.62	25.01	0.49	0.49	0.81	0.62	0.60	+38	+5	−7	+11	−1	+15	+1	+13	+14	+49	0	0.59
43095	H	08 46 36.95	−33 14 43.3	7.89		H	131.653 949 91	−33.245 359 76	A	8.06	−64.94	44.25	0.79	0.98	1.24	0.75	0.89	+22	−5	+8	+5	−2	+6	−5	−19	+16	+20	0	0.87
43096		08 46 37.20	+53 02 52.4	9.14		H	131.654 984 87	+53.047 893 29		4.63	1.39	−4.99	1.02	0.82	1.21	1.27	0.80	+0	+11	−18	+20	+26	−29	+27	−19	−5	+27	0	−1.26
43097		08 46 38.07	−35 35 18.7	8.97		H	131.658 637 24	−35.588 514 40		3.05	−11.13	−13.79	0.66	0.74	1.00	0.74	0.76	+15	+8	+20	−18	+5	+1	+5	+4	−15	+8	0	1.47
43098		08 46 39.70	−22 41 44.8	8.37		H	131.665 400 25	−22.695 775 73		0.14	−8.02	7.02	0.63	0.66	1.00	0.85	0.70	−26	−1	+2	+30	−23	−16	−21	+42	+7	−24	3	−0.24
43099		08 46 39.78	−13 21 24.0	10.24		G	131.665 730 01	−13.356 659 77		5.76	−331.58	−161.59	1.19	0.93	1.50	1.44	0.99	−18	+15	+0	−17	−12	−17	−7	+0	+7	−33	0	−0.05
43100		08 46 40.00	+28 45 54.6	6.58		G	131.666 651 23	+28.765 165 51	B	17.31	−24.18	−43.99	16.03	10.34	7.80	13.33	9.08	−36	+23	−27	+2	−6	+4	−11	+40	−17	−25	3	0.24

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T	σ	V_T	σ		B–V	σ		V–I	σ		Hp	σ	s	N		Max	Min	P		CCDM		Flags	AB	θ	ρ	σ_ρ	ΔHp	σ	Flags
	mag	mag	mag	mag		mag	mag		mag	mag		mag	mag	mag			mag	mag	days						°	″	″	mag	mag	
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
43001	10.019	0.023	8.841	0.014		1.010	0.021	T	0.99	0.02	L	8.8891	0.0015	0.017	109		8.86	8.92					1							
43002	6.182	0.003	6.075	0.004		0.084	0.005	G	0.10	0.01	H	6.1040	0.0009	0.009	115		6.09	6.12		M			1 G							S
43003	8.676	0.009	8.450	0.010	A	0.217	0.061	G	0.23	0.03	L *	8.4795	0.0016	0.018	182	*	8.45	8.51		C	08458−2751	H 1	2 C D	AB	309	1.057	0.055	3.98	0.21	S D
43004	8.196	0.011	7.643	0.008		0.518	0.012	T	0.59	0.01	L	7.6939	0.0012	0.010	90		7.68	7.71					1							S
43005	6.917	0.004	6.878	0.004		0.041	0.005	T	0.06	0.00	L	6.8898	0.0006	0.007	172		6.88	6.90		C			1							S
43006	9.685	0.024	9.307	0.026		0.358	0.033	T	0.42	0.04	L	9.4064	0.0025	0.033	88		9.35	9.47		U			1 G							
43007	9.995	0.027	9.460	0.027		0.502	0.034	T	0.57	0.04	L	9.5100	0.0020	0.021	71		9.46	9.56					1							
43008	9.331	0.015	8.818	0.015		0.492	0.016	T	0.56	0.02	L	8.8631	0.0013	0.015	105		8.84	8.89		C			1							
43009	9.294	0.016	8.133	0.011		0.997	0.015	T	0.98	0.01	L	8.1657	0.0013	0.015	118		8.14	8.19					1							
43010	8.292	0.011	8.227	0.013		0.030	0.015	G	0.05	0.01	H	8.2424	0.0016	0.013	118		8.22	8.26		C			1							
43011	8.906	0.011	8.850	0.014		0.054	0.006	G	0.07	0.01	H	8.8656	0.0019	0.018	131		8.84	8.89					1							
43012	7.874	0.007	5.968	0.004		1.595	0.001	G	1.67	0.04	E	5.8947	0.0012	0.011	118		5.87	5.91		U 2			1							S
43013	8.330	0.007	6.974	0.004		1.149	0.006	T	1.11	0.01	L	7.0031	0.0008	0.010	227		6.98	7.03					1							S
43014	7.377	0.006	7.343	0.007		0.030	0.004	G	0.05	0.00	H	7.3593	0.0009	0.010	178		7.35	7.38					1							S
43015	8.038	0.009	7.088	0.007		0.837	0.008	T	0.86	0.01	L	7.1403	0.0010	0.010	129		7.12	7.16					1							S
43016	10.600	0.041	8.629	0.014		1.620	0.015	G	1.63	0.09	H	8.5395	0.0027	0.021	91		8.49	8.57					1							
43017	8.958	0.014	7.590	0.008		1.163	0.005	G	1.12	0.01	H	7.6245	0.0009	0.012	115		7.61	7.64		C			1							
43018	8.772	0.012	8.717	0.015		0.042	0.008	G	0.06	0.01	H	8.7243	0.0012	0.012	93		8.71	8.75					1							
43019	9.404	0.016	8.019	0.009		1.172	0.014	T	1.13	0.01	L	8.0607	0.0013	0.011	116		8.04	8.09					1							
43020	9.013	0.018	8.474	0.017		0.488	0.015	G	0.56	0.02	H	8.5026	0.0024	0.013	84		8.48	8.52		C			1							S
43021	8.160	0.008	8.006	0.009		0.140	0.015	G	0.15	0.01	H	8.0412	0.0015	0.015	92		8.02	8.07		C			1							S
43022	9.535	0.019	8.880	0.017		0.608	0.022	T	0.68	0.02	L	8.9370	0.0017	0.015	99		8.91	8.96					1							
43023	3.909	0.002	3.895	0.002		0.015	0.029	G	0.09	0.02	A	3.9006	0.0004	0.004	118		3.89	3.91					1							S
43024	11.742	0.092	10.691	0.055		0.902	0.084	T	0.90	0.06	L	10.8283	0.0040	0.039	117		10.75	10.89		C			1							G
43025	9.821	0.025	9.180	0.022		0.595	0.029	T	0.67	0.03	L	9.2021	0.0017	0.018	126		9.17	9.23					1							
43026	7.110	0.006	5.815	0.005		1.097	0.006	G	1.01	0.04	E	5.8664	0.0010	0.007	82		5.85	5.88		M			1							S
43027	9.474	0.021	7.869	0.011		1.345	0.019	T	1.31	0.02	L	7.8647	0.0011	0.009	131		7.85	7.88		C			1							S
43028	8.349	0.011	8.156	0.013	*	0.185	0.016	T	0.20	0.02	L *	8.2029	0.0016	0.012	87	*	8.18	8.22		C	08461+2521	I 1	2 C A	AB	46	0.810	0.027	3.26	0.07	S
43029	7.820	0.007	7.904	0.010		−0.060	0.015	G	−0.04	0.01	H	7.9019	0.0011	0.013	118		7.88	7.92		C			1							
43030	8.948	0.025	7.219	0.013		1.442	0.022	T	1.44	0.04	L	7.1843	0.0014	0.010	89		7.17	7.20					1							S
43031	9.417	0.015	7.989	0.009	*	1.205	0.013	T	1.16	0.01	L *	8.0336	0.0015	0.016	168	*	8.01	8.06			08461−3701	H 1	2 C A	AB	192	0.264	0.024	2.66	0.33	
43032	10.553	0.052	9.976	0.048		0.542	0.052	T	0.62	0.06	L	9.9786	0.0038	0.025	77		9.94	10.02					1							
43033	10.159	0.028	8.943	0.017		1.039	0.026	T	1.01	0.02	L	9.0141	0.0021	0.016	111		8.99	9.04		C			1							
43034	9.276	0.017	7.627	0.009		1.379	0.015	T	1.35	0.02	L	7.6339	0.0014	0.011	89		7.62	7.65		C			1							
43035	8.349	0.012	6.418	0.006		1.608	0.003	G	1.61	0.09	H	6.3301	0.0013	0.010	94		6.31	6.35		M	08461−1100	I 1	1 X							S
43036	9.579	0.033	8.887	0.023	*	0.626	0.030	T	0.69	0.03	L *	9.4214	0.0015	0.020	127	*	9.39	9.46		D	08461+0748	I 1	2 C A	BA	339	2.749	0.005	0.11	0.02	S
43037	8.471	0.022	8.005	0.015	*	0.430	0.015	G	0.50	0.02	H *	8.1973	0.0015	0.015	145	*	8.17	8.23		D	08461−4724	I 1	2 C A	AB	192	2.199	0.010	2.42	0.05	
43038	9.000	0.017	8.404	0.016	*	0.543	0.015	G	0.62	0.01	H *	8.4470	0.0013	0.014	79	*	8.43	8.47		D	08462−1422	I 1	2 C A	AS	263	0.240	0.007	0.01	0.12	S
43039	8.895	0.014	7.035	0.007		1.579	0.013	T	2.60	0.04	O	6.7884	0.0121	0.123	91		6.57	6.90		U 2			1 S							S
43040	10.357	0.033	8.721	0.015		1.369	0.029	T	1.34	0.04	L	8.7089	0.0023	0.017	120		8.68	8.73					1							
43041	8.841	0.010	7.266	0.005		1.321	0.009	T	1.28	0.01	L	7.2475	0.0009	0.010	179		7.23	7.26					1							S
43042	10.932	0.044	9.655	0.024		1.123	0.039	G	1.09	0.04	H	9.7465	0.0024	0.034	150		9.68	9.80					1							
43043	8.325	0.010	8.022	0.011		0.288	0.014	T	0.33	0.02	L	8.0604	0.0009	0.009	97		8.05	8.08		C			1							S
43044	8.580	0.013	8.324	0.014	*	0.244	0.018	T	0.27	0.02	L *	8.3313	0.0009	0.013	115	*	8.31	8.35		D	08462+1811	H 1	2 C A	AB	192	0.348	0.007	2.01	0.06	S
43045	9.880	0.019	8.269	0.009		1.349	0.017	T	1.31	0.02	L	8.2733	0.0017	0.021	147		8.24	8.31		U			1							
43046	9.768	0.021	8.715	0.015		0.914	0.019	T	0.91	0.01	L	8.7978	0.0013	0.015	87		8.77	8.82		C			1							S
43047	9.987	0.027	8.621	0.015		1.157	0.024	T	1.12	0.02	L	8.6434	0.0017	0.012	108		8.62	8.66		C			1							
43048	8.486	0.011	7.394	0.007		0.943	0.002	G	0.93	0.00	H	7.4481	0.0012	0.009	88		7.43	7.47		C			1							S
43049	9.206	0.012	8.744	0.012		0.458	0.015	G	0.53	0.02	H	8.8082	0.0017	0.016	127		8.78	8.84		C			1							
43050	8.668	0.013	8.416	0.014		0.265	0.015	G	0.30	0.02	H	8.4449	0.0013	0.013	97		8.43	8.47		C			1							S
43051	9.612	0.011	8.392	0.007		1.043	0.010	T	1.01	0.01	L	8.4494	0.0014	0.021	274		8.42	8.49					1							
43052	9.245	0.016	8.687	0.015		0.522	0.020	T	0.59	0.02	L	8.7448	0.0016	0.015	96		8.72	8.77		C			1							S
43053	10.888	0.075	9.867	0.049		0.890	0.067	T	0.90	0.05	L	9.8967	0.0023	0.019	80		9.87	9.92		C			1							
43054	8.576	0.009	7.869	0.008		0.637	0.002	G	0.70	0.00	H	7.9256	0.0013	0.012	121		7.90	7.94		C			1 X							S
43055	8.640	0.013	8.745	0.018		−0.059	0.020	G	−0.04	0.02	H	8.7006	0.0013	0.015	119		8.67	8.72					1							G
43056	10.984	0.048	10.028	0.033		0.807	0.004	G	0.85	0.00	H	10.1207	0.0032	0.028	105		10.09	10.16		C			1							G
43057	7.135	0.004	6.903	0.005		0.255	0.007	G	0.29	0.01	H	6.9381	0.0008	0.008	137		6.92	6.95		C			1 S							S
43058	9.135	0.015	8.750	0.016		0.364	0.020	T	0.43	0.02	L	8.7962	0.0026	0.022	95		8.76	8.83		U			1							S
43059	7.839	0.006	7.934	0.009		−0.096	0.005	G	−0.08	0.01	H	7.9401	0.0017	0.020	152		7.91	7.97		U 2			1 G							
43060	7.301	0.005	7.102	0.006		0.190	0.007	T	0.21	0.01	L	7.1406	0.0009	0.007	89		7.13	7.15			08463+0039	I 1	1							S
43061	7.223	0.006	7.139	0.007		0.073	0.002	G	0.08	0.00	H	7.1604	0.0011	0.009	91		7.14	7.17		C			1							S
43062	9.198	0.018	8.831	0.019		0.333	0.015	G	0.39	0.02	H	8.9334	0.0041	0.035	91		8.87	8.98		U 2			1							
43063	11.244	0.072	9.579	0.027		1.418	0.063	T	4.70	0.06	O	8.4560	0.0130	0.122	96		8.31	8.70		U 2			1 V							
43064	8.515	0.007	7.285	0.005		1.050	0.007	T	1.02	0.01	L	7.3497	0.0011	0.014	177		7.33	7.37					1							S
43065	10.164	0.028	8.554	0.014		1.348	0.025	T	1.31	0.03	L	8.5493	0.0015	0.014	119		8.53	8.57		C			1							
43066	10.319	0.025	9.058	0.015		1.075	0.023	T	1.04	0.02	L	9.0960	0.0022	0.021	146		9.06	9.13		C			1							
43067	5.454	0.003	4.418	0.002		0.900	0.015	G	0.91	0.02	A	4.4660	0.0005	0.004	92		4.46	4.47		C	08464−1333	I 1	1 X S							S
43068	6.847	0.005	6.855	0.005		−0.003	0.006	T	0.02	0.01	L	6.8716	0.0010	0.010	137		6.85	6.89		C			1							S
43069	9.421	0.015	8.282	0.010		0.970	0.015	G	0.95	0.01	H	8.3460	0.0014	0.016	129		8.32	8.37		C			1							
43070	10.178	0.031	9.529	0.027		0.602	0.035	T	0.67	0.03	L	9.5678	0.0027	0.021	99		9.52	9.60		C			1 S							S
43071	7.923	0.008	7.707	0.009		0.180	0.004	G	0.20	0.01	H	7.7544	0.0026	0.019	125		7.73	7.78	0.29	P 1 A	08464−5251	I 1	1 S							S
43072	10.792	0.050	9.088	0.020		1.423	0.043	T	1.41	0.07	L	9.0461	0.0019	0.017	91		9.02	9.08					1							
43073	6.141	0.003	6.200	0.003		−0.050	0.004	T	−0.03	0.00	L	6.1979	0.0007	0.006	150		6.19	6.21		C			1							S
43074	7.952	0.008	7.402	0.007		0.515	0.010	T	0.59	0.01	L	7.4509	0.0010	0.008	100		7.43	7.47		C			1 G							S
43075	10.256	0.029	9.066	0.017		1.019	0.026	T	0.99	0.02	L	9.0953	0.0021	0.016	111		9.07	9.14					1							S
43076	9.203	0.011	8.073	0.008		0.972	0.011	T	0.96	0.01	L	8.1319	0.0013	0.015	180		8.11	8.16					1							
43077	9.497	0.021	8.941	0.020		0.521	0.026	T	0.59	0.03	L	9.0434	0.0023	0.019	91		9.01	9.08					1							
43078	8.490	0.011	8.233	0.012		0.230	0.020	G	0.26	0.03	H	8.2642	0.0014	0.010	104		8.25	8.28					1							S
43079	8.318	0.010	7.914	0.009		0.382	0.012	T	0.45	0.01	L	7.9616	0.0013	0.010	107		7.94	7.98		C			1							S
43080	10.026	0.016	9.346	0.014		0.617	0.016	T	0.69	0.01	L	9.3975	0.0018	0.028	258		9.34	9.45					1							
43081	8.870	0.008	8.826	0.011		0.040	0.012	T	0.06	0.01	L	8.8421	0.0015	0.023	204		8.79	8.88					1							
43082	5.740	0.004	5.490	0.004		0.238	0.005	T	0.44	0.03	C	5.5200	0.0023	0.017	112		5.50	5.55		U 2			1							S
43083	9.754	0.022	8.355	0.013		1.214	0.005	G	1.17	0.01	H	8.3688	0.0015	0.015	126		8.34	8.40					1							
43084	7.084	0.004	7.070	0.005		0.008	0.002	G	0.03	0.00	H	7.0815	0.0011	0.009	132		7.07	7.10					1							S
43085	6.909	0.008	7.023	0.007	*	−0.115	0.013	G	−0.10	0.01	H *	7.0541	0.0008	0.008	110	*	7.04	7.07		D	08466−4234	I 1	2 C A	AB	311	2.173	0.007	2.08	0.02	S
43086	9.611	0.024	9.235	0.025		0.356	0.032	T	0.42	0.04	L	9.2677	0.0027	0.022	106		9.23	9.30		C			1							
43087	8.638	0.012	8.685	0.016	*	−0.057	0.003	G	−0.04	0.00	H *	8.6885	0.0017	0.016	117	*	8.66	8.71		C	08466−4247	H 1	2 C C	AB	122	0.361	0.073	3.13	0.37	G
43088	9.530	0.014	7.773	0.007		1.439	0.011	G	1.38	0.04	E	7.7767	0.0010	0.012	175		7.76	7.80		C			1							
43089	8.764	0.011	7.546	0.007		1.041	0.010	T	1.01	0.01	L	7.6002	0.0010	0.010	112		7.59	7.62		C			1							S
43090	9.951	0.024	9.092	0.019		0.769	0.023	T	0.81	0.02	L	9.1477	0.0018	0.017	98		9.10	9.18					1							
43091	9.400	0.023	8.845	0.022	*	0.520	0.029	T	0.59	0.03	L *	8.9963	0.0022	0.016	96	*	8.97	9.03		R	08466+3829	I 1	2 C A	AB	341	5.059	0.009	0.67	0.02	S
43092	9.944	0.022	8.562	0.013		1.169	0.020	T	1.13	0.02	L	8.5984	0.0015	0.017	124		8.57	8.64					1 G							
43093	10.066	0.019	7.467	0.006		2.087	0.015	T	2.13	0.01	L	7.3450	0.0074	0.058	169		7.22	7.43		U 2 C			1 S							S
43094	9.090	0.011	7.842	0.007		1.064	0.010	T	1.03	0.01	L	7.8966	0.0011	0.013	215		7.88	7.92		C	08466+6527	I 1	1							S
43095	8.365	0.008	7.932	0.007	*	0.415	0.010	G	0.48	0.01	H *	7.9854	0.0013	0.017	191	*	7.96	8.01		D	08466−3315	H 1	2 C A	AB	39	0.763	0.023	3.20	0.08	S
43096	9.383	0.020	9.150	0.023		0.222	0.003	G	0.24	0.00	H	9.2030	0.0032	0.019	81		9.16	9.24		C			1							
43097	9.273	0.013	9.006	0.014		0.251	0.020	T	0.28	0.03	L	9.0454	0.0021	0.020	149		9.01	9.08		C			1							
43098	8.468	0.009	8.385	0.011		0.075	0.013	T	0.09	0.01	L	8.4016	0.0014	0.014	140		8.38	8.43					1							
43099	10.556	0.064	10.344	0.085		0.311	0.028	G	0.36	0.04	H	10.3108	0.0026	0.020	89		10.27	10.35		C			1							G
43100	6.601	0.006	6.504	0.007	B	0.051	0.008	G	0.06	0.01	H	6.5848	0.0377			B				D	08467+2846	I 2	1 C I B							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	Soln F1 % (29)	F2 (30)
43101		08 46 40.70	+68 59 19.6	10.10		H	131.669 584 70	+68.988 777 62		0.49	−0.58	2.09	0.90	1.02	1.55	1.01	1.11	+26	+13	−12	+14	−4	−7	−4	−3	−7	+33	0	1.28
43102		08 46 41.47	−08 28 07.0	8.78		H	131.672 785 57	−08.468 600 69		4.18	2.96	3.37	0.95	0.67	1.22	1.35	0.86	−9	+12	−13	−32	−9	−32	−20	+10	−1	+3	0	1.46
43103		08 46 41.83	+28 45 36.0	4.03		G	131.674 309 55	+28.760 005 09	A	10.94	−20.69	−43.95	1.57	1.16	1.35	1.60	1.31	−32	+34	−31	+21	+0	+1	−8	+50	−14	−10	3	0.24
43104		08 46 42.38	−48 45 59.3	8.38		G	131.676 583 60	−48.766 479 00		2.95	−11.56	2.00	0.63	0.64	0.76	0.71	0.65	+4	+2	+19	−15	+1	+1	+1	−21	+8	−6	0	−1.65
43105		08 46 42.56	−56 46 11.3	4.50	1	H	131.677 330 04	−56.769 797 18		5.97	−9.40	8.64	0.40	0.39	0.43	0.41	0.39	+12	+5	+16	+18	−11	+8	−13	+7	+1	+3	0	−0.76
43106		08 46 42.98	−63 11 29.5	7.15		H	131.679 080 96	−63.191 537 30		7.41	−39.87	−35.90	0.51	0.48	0.57	0.49	0.46	+0	+26	+7	−33	−16	−26	−8	−13	+11	−29	1	0.94
43107		08 46 43.78	−39 54 28.5	7.06		G	131.682 402 59	−39.907 907 31		1.79	−9.61	5.13	0.42	0.44	0.59	0.43	0.48	+12	+8	+2	−4	−1	+7	−1	−15	+17	+7	0	1.23
43108		08 46 45.54	−18 45 28.1	6.60		H	131.689 764 16	−18.757 818 85		6.32	9.68	−7.24	0.73	0.48	0.86	0.78	0.51	−37	+16	−8	+59	−23	−13	−28	+43	+10	−54	1	0.38
43109	H	08 46 46.65	+06 25 08.1	3.38		G	131.694 359 30	+06.418 906 91	A	24.13	−231.04	−40.17	1.16	0.79	1.29	1.51	1.03	−12	+15	+2	+14	+1	+2	+1	+45	−18	−26	3	3.34
43110		08 46 48.13	−54 11 53.2	8.27		H	131.700 554 45	−54.198 115 47		2.86	−13.33	4.40	0.57	0.61	0.69	0.68	0.75	+1	+1	−14	+6	−2	+9	−1	+3	−19	−6	0	−0.49
43111		08 46 48.97	+25 28 25.0	8.81		H	131.704 040 45	+25.473 613 68		2.41	−4.88	10.36	1.16	0.60	1.28	1.70	1.02	+1	−1	−22	−14	+24	−21	+19	+26	−47	+13	0	0.60
43112		08 46 49.04	+58 26 04.4	10.46		H	131.704 341 10	+58.434 547 01		4.49	−12.48	−12.24	1.37	1.51	2.01	1.71	1.45	−16	+1	−24	−29	−1	+13	+3	−34	+6	−2	2	1.69
43113		08 46 49.17	+38 02 32.1	7.41		H	131.704 882 68	+38.042 252 43		4.42	−23.50	−23.68	0.84	0.59	0.96	1.00	0.71	−31	+20	−27	−26	−17	+3	−8	+0	+0	−54	2	−0.19
43114		08 46 49.25	−34 37 22.7	6.33	2	T	131.705 207 25	−34.622 958 82		3.64	−12.82	5.77	0.39	0.41	0.59	0.41	0.40	+20	−11	+1	−8	+7	+2	+5	−11	+7	+24	1	0.87
43115	H	08 46 49.59	−39 29 46.0	7.62		H	131.706 620 31	−39.496 097 80	A	6.43	−9.48	3.92	0.74	0.83	0.93	0.80	0.86	+5	+12	+5	+10	+0	+15	+3	−22	+13	+13	4	0.42
43116		08 46 49.67	+01 05 05.6	8.98		G	131.706 961 93	+01.084 877 29		3.46	−18.33	−10.67	1.03	0.78	1.22	1.44	1.10	−21	−1	−2	+24	−21	−31	−18	+65	+6	−31	0	0.42
43117		08 46 49.91	+33 08 40.2	8.58		H	131.707 945 94	+33.144 496 64		0.73	11.07	−5.95	1.25	0.63	1.29	1.63	0.76	−7	+32	−19	+12	+0	+13	−5	−6	−17	−16	0	1.42
43118		08 46 51.54	−34 04 01.6	7.62		H	131.714 762 52	−34.067 119 89		7.21	−22.20	−0.97	0.49	0.51	0.75	0.53	0.53	+17	+3	+3	−4	+16	+11	+15	−6	+20	+27	0	0.25
43119		08 46 54.09	+66 30 24.9	9.81		H	131.725 372 81	+66.506 916 57		7.98	−30.05	14.10	0.78	0.83	1.37	0.96	0.95	+30	+4	−11	+15	−20	+5	−18	+13	−13	+27	0	1.62
43120		08 46 54.73	−32 14 06.6	9.08		H	131.728 055 67	−32.235 166 11		3.66	−12.81	−7.14	0.66	0.85	1.17	0.79	0.91	+22	+0	−2	+0	+6	+20	+5	−23	+11	+23	0	0.64
43121		08 46 56.06	+12 06 36.3	5.89		H	131.733 570 81	+12.110 076 29		16.38	−65.20	−51.06	1.02	0.47	1.16	1.25	0.70	−27	+39	−35	−38	+3	−9	−20	+52	−38	−3	2	0.18
43122		08 46 57.94	−14 07 30.6	8.78		H	131.741 422 77	−14.125 159 82		6.68	−11.27	−1.03	0.87	0.64	1.14	1.02	0.67	−19	+35	−10	−12	+0	−16	−1	−10	−1	−28	0	0.18
43123		08 47 00.15	−34 18 59.2	9.61	3	H	131.750 640 50	−34.316 438 84		3.12	0.16	−0.45	1.07	1.10	1.60	1.25	1.17	+17	+7	+10	−12	+5	+10	+4	−8	+12	+21	0	
43124		08 47 00.27	−61 11 55.3	9.45		H	131.751 137 00	−61.198 705 06		2.16	48.03	−11.30	0.82	0.82	0.90	0.74	0.72	−1	−3	+3	−6	−2	+17	−8	−40	+5	−16	0	−0.73
43125		08 47 01.60	−44 04 28.9	7.51	1	G	131.756 659 75	−44.074 696 38		0.90	−8.16	7.21	0.57	0.52	0.68	0.72	0.58	−1	−6	+17	−6	−2	−2	−3	−15	−2	−18	0	1.58
43126	H	08 47 02.23	−45 18 27.3	9.62		G	131.759 272 62	−45.307 596 42	*	1.21	−8.38	−2.36	0.87	0.90	1.11	1.21	0.97	+7	+11	+28	−6	+6	+6	+0	−22	−12	−12	0	−0.29
43127		08 47 04.82	+26 44 37.3	8.95		H	131.770 062 95	+26.743 699 17		1.51	−6.20	−0.67	1.09	0.63	1.27	1.36	1.04	−18	+13	−11	−14	+11	−21	+12	+29	−29	−19	0	−2.66
43128		08 47 05.38	−45 04 29.2	6.60		H	131.772 396 32	−45.074 765 52		3.26	−13.45	6.54	0.48	0.47	0.60	0.59	0.49	+6	+0	+27	−10	−3	+7	−5	−15	−4	−10	0	0.36
43129		08 47 07.31	+28 09 43.0	6.60		H	131.780 462 55	+28.161 939 07		18.84	−38.62	−55.74	0.79	0.50	0.84	1.06	0.78	−11	+24	−9	+21	+2	−22	+3	+45	+3	−11	0	0.54
43130		08 47 07.82	+11 25 10.9	7.65		H	131.782 593 76	+11.419 702 71		0.92	11.12	−11.63	1.06	0.60	1.24	1.29	0.91	−20	+16	−28	−26	−9	−13	−11	+60	−30	−21	0	−1.36
43131		08 47 08.66	+72 23 06.9	7.51		G	131.786 072 27	+72.385 262 80		13.67	−86.08	−33.59	0.50	0.50	0.70	0.57	0.60	+17	+17	−11	+12	+4	+2	+5	+6	+0	+30	1	−2.04
43132		08 47 09.22	−20 19 29.3	8.39		H	131.788 432 85	−20.324 812 87		4.51	10.56	−25.33	0.73	0.57	0.96	0.80	0.60	−24	+9	+0	+21	−7	−12	−6	+28	+3	−40	1	1.77
43133		08 47 09.69	−57 22 31.9	9.71		H	131.790 355 26	−57.375 518 32		5.76	−27.57	24.19	0.98	0.99	1.14	1.06	0.98	+3	+7	+31	+11	−5	+5	−8	−1	−8	−8	5	0.20
43134		08 47 10.17	+09 23 00.8	8.52		H	131.792 358 61	+09.383 560 56		5.00	−13.37	−17.37	0.97	0.52	1.07	1.14	0.73	+9	+30	−6	+29	+22	−21	+26	+59	−2	+1	0	−0.14
43135	H	08 47 10.31	−63 48 45.5	7.61		H	131.792 964 82	−63.812 632 42	A	5.19	−24.93	14.19	1.15	0.97	0.97	1.08	0.86	−13	+6	+1	−41	−10	−8	−2	−7	+1	−28	2	0.69
43136		08 47 10.46	+04 21 28.8	7.38		G	131.793 600 16	+04.358 000 85		4.87	0.95	−3.87	0.83	0.48	0.96	1.16	0.66	+13	+9	−27	+29	+33	−26	+24	+57	−30	+22	0	−0.34
43137	T	08 47 10.91	+11 09 46.8	8.53		H	131.795 471 18	+11.162 987 13	B	1.48	−24.43	−7.51	6.93	4.18	6.06	7.74	5.46	−11	−2	−30	−28	−6	−21	−4	+47	−21	−21	2	0.50
43138	T	08 47 11.01	+11 09 34.3	8.28		H	131.795 863 26	+11.159 530 47	A	3.69	−23.25	−5.57	11.09	5.35	5.73	7.19	4.99	+2	+14	−29	−32	−1	−31	+1	+46	−26	−16	2	0.50
43139	H	08 47 13.08	−30 28 30.2	8.43		H	131.804 509 77	−30.475 044 69	A	1.30	−7.09	−5.33	1.08	1.34	1.81	1.26	1.30	+2	+10	−4	+28	−9	+17	−7	+8	+16	−7	1	1.22
43140		08 47 13.68	−64 56 36.2	8.21		H	131.806 987 52	−64.943 377 14		7.22	−5.80	−31.70	0.57	0.57	0.65	0.57	0.57	−14	−4	+13	−2	−5	−17	−5	−6	+22	−29	1	−1.22
43141		08 47 14.95	−51 55 16.7	7.80		H	131.812 302 06	−51.921 307 95		11.64	−13.21	−26.20	0.59	0.57	0.67	0.66	0.69	+14	+23	+10	−5	−7	−9	−7	−14	−1	+10	2	0.70
43142		08 47 15.01	−01 53 49.4	5.28		H	131.812 531 89	−01.897 059 72		9.61	−37.64	11.12	0.73	0.45	0.89	0.82	0.58	−10	+38	−34	−24	−1	−35	−20	+50	−31	+4	0	1.82
43143		08 47 15.25	+07 36 33.9	7.13		H	131.813 543 65	+07.609 414 28		2.96	4.86	−27.62	0.83	0.46	0.98	1.06	0.63	−10	+29	−23	+2	+13	−9	+6	+52	−19	−1	2	1.83
43144		08 47 15.43	+42 27 03.7	9.61		H	131.814 312 27	+42.451 024 53		5.86	7.09	−12.86	1.32	1.02	1.58	1.75	1.31	−30	+10	−3	−12	+12	+10	+9	−20	−14	−47	0	0.56
43145		08 47 15.90	+29 06 42.9	8.69		H	131.816 230 67	+29.111 930 37		6.58	−36.01	−17.76	1.09	0.66	1.22	1.37	1.01	−17	+30	−27	−12	−4	−34	−18	+40	−21	−12	2	1.31
43146		08 47 16.79	−41 11 51.9	7.90		H	131.819 954 31	−41.197 762 24		5.10	−20.40	20.36	0.51	0.55	0.70	0.56	0.57	+9	+9	+0	+1	−3	+14	−1	−24	+22	+12	0	−1.30
43147		08 47 18.17	+15 19 45.2	7.83		H	131.825 716 44	+15.329 226 23		7.33	−25.49	−10.44	1.28	0.57	1.24	1.37	0.88	−9	−6	−20	−53	−4	−5	+4	+41	−35	−18	0	−0.83
43148		08 47 18.85	−46 09 19.5	5.71		H	131.828 535 23	−46.155 427 75		0.90	−3.83	5.21	0.46	0.43	0.54	0.60	0.43	+8	+12	+17	−14	+9	−7	+8	−17	+0	+5	1	2.01
43149		08 47 20.01	−27 45 58.6	8.59		H	131.833 374 03	−27.766 283 86		0.10	−6.62	1.89	0.56	0.64	0.91	0.61	0.66	−22	−9	−3	+21	−20	+8	−19	+25	+1	−25	2	−0.05
43150		08 47 20.89	+45 03 32.4	9.01		H	131.837 027 48	+45.058 993 62		2.90	18.57	−40.49	1.08	0.78	1.25	1.44	0.99	−27	+22	−22	−5	−3	−6	−4	−5	−3	−19	0	1.38
43151		08 47 21.14	+17 16 48.5	9.23		H	131.838 101 41	+17.280 148 13		12.96	73.10	13.60	5.79	2.88	5.99	7.50	4.11	−8	−1	−36	−43	+12	−24	−2	+34	−33	+8	0	
43152	H	08 47 21.48	−17 03 10.3	6.48		H	131.839 488 81	−17.052 852 88	*	4.28	−12.09	−10.38	0.71	0.44	0.78	0.97	0.43	+4	+5	−22	−13	−27	−7	−19	+3	+13	−9	0	1.12
43153		08 47 21.62	−27 03 05.7	8.50		H	131.840 093 33	−27.051 596 33		0.51	−2.89	−0.01	0.61	0.70	1.07	0.68	0.70	−24	+19	−4	+10	−23	+13	−23	+20	−11	−21	1	1.34
43154		08 47 21.99	−39 47 59.3	7.46		H	131.841 615 11	−39.799 797 45		1.69	−20.70	17.94	0.45	0.48	0.63	0.49	0.55	+14	+14	−3	+0	−2	+15	−1	−26	+16	+9	4	1.57
43155		08 47 23.55	+36 27 23.2	8.52		H	131.848 140 90	+36.456 431 92		2.59	−20.41	−3.97	0.93	0.69	1.20	1.00	0.83	−48	+23	−4	−7	−19	−14	−19	+8	+2	−71	0	−0.81
43156		08 47 23.87	−34 36 01.4	6.66		H	131.849 471 19	−34.600 387 54		5.91	−18.32	22.40	0.42	0.46	0.63	0.44	0.44	+17	−9	+0	−13	+7	+6	+4	−16	+14	+24	2	0.88
43157		08 47 24.71	−28 48 23.0	9.45		H	131.852 973 63	−28.806 397 47		1.91	−7.88	6.97	0.76	0.82	1.25	0.86	0.87	−5	−15	+8	−9	+6	+9	+7	−2	−7	−28	0	1.06
43158		08 47 25.14	−36 45 02.8	7.42		G	131.854 755 34	−36.750 768 21		1.97	−4.26	11.27	0.46	0.51	0.70	0.48	0.56	+3	+1	+3	+0	−1	+22	+0	+10	+0	−6	0	−0.05
43159	H	08 47 25.83	−15 47 33.5	8.97		H	131.857 617 93	−15.792 625 46	A	2.40	−2.26	−2.98	2.27	1.65	1.74	1.57	1.03	−19	+31	−5	−16	−36	−5	−15	+11	−1	−25	1	−0.48
43160		08 47 26.02	+40 30 31.0	8.39		H	131.858 417 32	+40.508 610 36		3.27	−1.19	−20.21	0.97	0.69	1.25	1.17	0.86	−41	+35	−14	+7	−9	−18	−13	+0	+1	−55	2	−1.57
43161		08 47 28.06	−01 05 51.5	8.48		H	131.866 922 30	−01.097 638 92		3.77	0.24	−4.22	0.98	0.71	1.27	1.23	0.94	−16	+10	−33	+3	−9	−16	−17	+59	−29	−10	2	1.33
43162		08 47 28.56	+16 59 05.6	9.23		H	131.868 994 90	+16.984 891 62		1.46	−5.07	−4.13	1.44	0.65	1.42	1.93	0.94	−5	+17	−28	−52	+9	−46	−15	+32	−23	+16	2	2.26
43163		08 47 32.62	−58 29 05.0	8.63		H	131.885 920 56	−58.484 735 98		1.15	−7.26	4.47	0.61	0.58	0.66	0.70	0.63	−11	−4	+14	−3	−12	−4	−10	+6	+11	−24	0	1.75
43164		08 47 33.33	+14 09 39.5	9.08		G	131.888 874 12	+14.160 961 50		5.01	−25.21	−14.77	1.28	0.63	1.39	1.63	0.97	−12	+33	−8	−22	+10	−9	+4	+35	−20	−10	0	0.11
43165		08 47 33.76	−03 57 16.9	8.31		H	131.890 683 18	−03.954 686 59		1.60	−1.34	−1.23	0.80	0.53	0.98	1.00	0.61	−13	+18	−3	−19	−22	−36	−13	+15	+15	−42	0	0.35
43166		08 47 34.28	−18 42 37.7	8.45		H	131.892 827 76	−18.710 464 08		−1.58	−5.97	5.39	0.91	0.67	1.17	0.96	0.71	−35	+25	−8	+58	−16	−11	−22	+41	+7	−53	2	2.56
43167	H	08 47 34.84	+00 04 39.7	7.82		G	131.895 159 23	+00.077 693 12	*	5.69	−1.34	−2.51	0.91	0.58	1.13	1.08	0.78	−5	+24	−12	−19	−13	−41	−10	+54	−4	−18	0	0.96
43169		08 47 35.28	−13 31 36.1	7.50		H	131.897 014 22	−13.526 695 63		4.03	−19.30	11.48	0.67	0.52	0.89	0.84	0.56	−15	+22	+10	−10	−15	−15	−7	+14	+7	−34	0	1.03
43170	H	08 47 35.57	−31 23 53.0	9.84		G	131.898 205 55	−31.398 055 74	*	15.17	−6.43	−18.18	0.81	1.20	1.65	0.91	1.30	+32	+1	+13	+10	+3	+7	+5	−8	+9	+43	1	4.04
43171		08 47 36.03	+23 05 24.2	9.40		H	131.900 130 40	+23.090 064 91		7.77	−9.44	−13.91	1.30	0.68	1.42	1.57	1.04	−20	+26	−27	−36	+5	−35	−8	+41	−28	−9	0	1.00
43172		08 47 36.82	+00 01 05.2	7.77		H	131.903 405 42	+00.018 119 72		17.66	151.54	−95.17	0.85	0.54	1.07	1.02	0.71	−7	+20	−26	−20	−2	−37	−12	+48	−21	−4	2	1.49
43173		08 47 38.19	−24 23 37.2	8.11		H	131.909 136 81	−24.393 678 31		3.75	−4.72	−9.41	0.59	0.53	0.80	0.58	0.53	−8	+4	−19	+42	−7	+7	−7	+25	−1	−15	0	−0.32
43174		08 47 38.60	−33 19 01.7	8.47		H	131.910 829 89	−33.317 151 26		0.99	−5.73	9.65	0.54	0.70	0.95	0.59	0.68	+15	−1	+8	+7	+7	+6	+7	−9	+10	+25	2	−0.12
43175		08 47 39.26	+53 21 17.2	9.69		H	131.913 596 55	+53.354 785 23		5.45	−0.20	0.41	1.21	0.98	1.52	1.41	0.96	+3	+31	+7	+6	+14	−22	+16	−27	−8	+23	0	0.98
43176		08 47 40.36	−38 59 31.1	6.99	1	H	131.918 173 31	−38.991 979 65		1.26	−9.95	5.34	0.43	0.47	0.60	0.46	0.52	+7	−6	+5	−13	−1	+14	−2	−10	+2	−16	0	−0.23
43177		08 47 40.41	−41 44 10.5	6.35		H	131.918 355 88	−41.736 238 80		34.55	−20.50	−227.68	0.41	0.46	0.56	0.45	0.48	+9	−3	−3	+6	−3	+17	−4	−30	+19	+9	0	−0.44
43178		08 47 41.23	−20 47 19.8	8.67		H	131.921 806 28	−20.788 838 96		3.67	−10.26	2.00	0.95	0.73	1.29	1.05	0.78	−8	+17	+8	+16	−12	−1	−9	+28	−4	−31	0	1.83
43179	H	08 47 43.92	−38 56 29.4	6.96		H	131.933 020 08	−38.941 496 85	A	4.54	−10.37	5.43	0.67	0.74	0.84	0.68	0.80	−4	+7	−4	+0	−3	+32	−4	−19	+14	−16	4	0.03
43180		08 47 45.97	+31 46 06.7	9.36		H	131.941 528 53	+31.768 515 70		7.83	12.08	−30.85	1.25	0.71	1.43	1.56	1.09	−16	+9	+0	−16	−5	−28	−1	+15	−19	−30	2	2.48
43181		08 47 47.19	−04 02 02.5	8.13		G	131.946 616 35	−04.034 041 23		2.52	−28.01	−8.15	0.76	0.50	0.96	0.97	0.56	−11	+13	−5	−9	−23	−36	−17	+17	+13	−38	0	0.73
43182		08 47 47.94	−42 16 22.3	7.13		H	131.949 761 53	−42.272 869 40		3.06	−13.70	6.22	0.48	0.50	0.62	0.54	0.51	+7	−7	+4	+7	+6	+11	+4	−15	+11	+7	1	1.26
43183		08 47 48.55	+41 43 09.3	8.36		H	131.952 280 81	+41.719 247 10		2.90	25.33	−41.08	0.92	0.62	1.14	1.18	0.81	−23	+25	−5	+3	−3	−9	−7	−2	−8	−43	0	−1.90
43184		08 47 49.57	+54 23 50.7	8.74		H	131.956 561 09	+54.397 415 14		2.97	−6.14	3.01	0.87	0.80	1.15	1.19	0.84	−3	+10	−20	+3	+4	+4	+9	−37	+5	+15	0	−1.42
43185		08 47 50.85	+66 12 39.0	7.82		H	131.961 890 99	+66.210 824 55		9.26	−49.68	−89.56	0.52	0.55	0.91	0.67	0.66	+50	+8	+4	+21	+0	+16	+1	+19	+11	+49	0	−0.85
43186		08 47 51.53	−33 23 54.1	6.81		H	131.964 689 03	−33.398 372 97		7.55	24.71	−2.63	0.38	0.47	0.66	0.43	0.47	+18	−6	−6	+6	+6	+6	+6	−12	+13	+27	0	0.67
43187	H	08 47 53.93	−43 21 15.3	7.23		G	131.974 712 88	−43.354 248 56	*	4.82	−34.27	31.56	1.44	0.90	0.79	0.72	0.65	−6	−6	+14	−17	+8	−6	+7	−34	+0	−18	3	0.30
43188		08 47 54.69	+21 26 33.4	9.72		H	131.977 859 32	+21.442 599 80		4.95	−13.79	−15.37	1.36	0.76	1.41	2.10	1.20	+3	+12	−16	+23	+21	−35	+14	+52	−9	+15	0	0.12
43189	H	08 47 55.32	+45 31 40.8	9.22		G	131.980 509 82	+45.528 000 24	A	7.55	−4.22	−202.79	2.36	1.66	2.59	2.84	1.84	−39	+32	−33	−19	+0	+28	+7	−13	−5	−25	1	0.22
43190		08 47 58.02	−35 43 39.0	8.51		H	131.991 761 68	−35.727 487 01		17.14	104.25	−23.83	0.58	0.67	0.88	0.57	0.63	+4	−10	+6	−11	+11	+6	+11	+1	−2	+2	1	−1.32
43191		08 47 58.26	−53 54 45.6	8.77		G	131.992 741 17	−53.912 667 05		7.43	−39.21	9.50	0.63	0.65	0.74	0.75	0.77	+9	+6	−4	+4	+2	+0	+1	−4	−15	+8	0	0.56
43192		08 47 59.20	+02 29 33.3	8.34		G	131.996 656 88	+02.492 576 78		9.61	−30.95	4.03	1.06	0.64	1.41	1.40	0.89	+0	+25	−35	+35	+28	−21	+12	+63	−38	+16	0	0.53
43193		08 47 59.55	−31 14 33.9	8.76		H	131.998 125 15	−31.242 736 39		13.73	−96.02	−37.32	0.58	0.85	1.30	0.68	0.90	+30	+13	+24	+14	−1	+10	−1	−4	+10	+29	3	1.36
43194		08 47 59.83	+50 16 38.7	8.48		H	131.999 272 28	+50.277 428 15		14.80	−10.21	−19.67	1.02	0.78	1.26	1.25	0.67	−12	+3	−18	−24	+11	+5	+16	−52	+19	+34	0	−0.81
43195		08 48 00.24	−52 51 00.7	6.29		G	132.001 014 03	−52.850 207 80		7.02	−24.89	23.25	0.43	0.44	0.50	0.55	0.53	+12	+5	−1	+7	−6	−1	−4	−13	+2	+21	0	0.67
43196		08 48 00.27	+52 07 33.7	9.29		H	132.001 126 57	+52.126 015 78		4.27	−7.71	−16.44	1.21	0.90	1.41	1.72	0.96	−1	+15	−19	−3	+6	+7	+14	−31	+16	+40	0	1.08
43197		08 48 00.84	−49 34 28.9	6.71		H	132.003 484 99	−49.574 684 29		23.00	−32.19	−65.71	0.52	0.49	0.59	0.65	0.53	+5	+8	+9	−18	+3	−9	+4	−29	+8	+7	1	0.52
43198		08 48 01.34	+39 35 50.9	8.06	1	H	132.005 601 74	+39.597 466 71		2.80	−4.90	−10.42	0.84	0.58	1.00	0.92	0.74	−22	+25	−11	−19	−9	−10	−9	−3	+1	−40	0	2.27
43199		08 48 01.76	+18 40 37.7	10.44	2	H	132.007 341 92	+18.677 152 49		0.71	−33.26	−10.27	2.10	1.09	2.18	2.46	1.61	−17	+26	−14	−33	+6	−26	+3	+33	−16	−15	0	−0.09
43200		08 48 01.90	+77 41 20.6	7.66		G	132.007 931 41	+77.689 043 67		4.96	−28.78	−47.68	0.52	0.53	0.69	0.61	0.64	+4	+16	−12	+12	+8	+6	+11	+11	+10	+13	1	−0.08

No.	Tycho Magnitudes					Colour Indices					Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
43101	11.507	0.056	10.145	0.026		1.154	0.048	T	1.12	0.04	L	10.2697	0.0031	0.041	220		10.20	10.35		R			1							
43102	10.142	0.027	8.898	0.016		1.061	0.025	T	1.03	0.02	L	8.9518	0.0017	0.018	113		8.91	8.98					1 G							
43103	5.286	0.003	4.132	0.003	A	1.007	0.015	G	0.96	0.00	G	4.1992	0.0058	0.005	80	A	4.19	4.21		D	08467+2846	I 2	1 C P B							S
43104	8.309	0.010	8.357	0.013		−0.073	0.004	G	−0.05	0.01	H	8.3851	0.0013	0.013	114		8.36	8.41					1							
43105	4.282	0.002	4.473	0.002		−0.169	0.008	G	−0.16	0.02	A	4.4402	0.0015	0.014	119		4.41	4.46		U 2			1							S
43106	8.419	0.011	7.269	0.008		0.988	0.011	T	0.97	0.01	L	7.3106	0.0009	0.011	108		7.29	7.32					1							S
43107	6.950	0.004	7.029	0.004		−0.081	0.005	G	−0.06	0.01	H	7.0371	0.0008	0.009	149		7.02	7.05		C			1							S
43108	7.915	0.006	6.709	0.004		1.032	0.006	T	1.00	0.01	L	6.7645	0.0007	0.007	138		6.75	6.78					1							S
43109	4.248	0.003	3.474	0.003	A	0.685	0.002	G	0.78	0.02	A *	3.5004	0.0006	0.005	104	*	3.49	3.51		D	08468+0625	I 1	2 C B	AC	291	2.866	0.027	3.10	0.10	S W
43110	8.270	0.010	8.262	0.012		0.020	0.015	G	0.04	0.01	H	8.2800	0.0016	0.016	128		8.26	8.31					1							
43111	10.839	0.055	8.954	0.019		1.566	0.046	T	1.58	0.05	L	8.9242	0.0018	0.014	78		8.90	8.95		C			1							
43112	11.093	0.062	10.483	0.056		0.542	0.072	G	0.62	0.08	R	10.5799	0.0022	0.034	82		10.53	10.63		D			1							G
43113	9.251	0.015	7.564	0.008		1.409	0.013	T	1.39	0.02	L	7.5481	0.0018	0.011	97		7.53	7.56					1							S
43114	6.161	0.005	6.309	0.005		−0.127	0.006	T	−0.12	0.01	L	6.2960	0.0069	0.049	162		6.23	6.36		U 2 C			1							S
43115	7.745	0.007	7.606	0.008	*	0.126	0.010	T	0.14	0.01	L *	7.6735	0.0013	0.013	143	*	7.65	7.69		D	08468−3930	I 1	2 C B	AB	324	8.424	0.021	3.38	0.12	S
43116	9.276	0.016	9.034	0.019		0.241	0.015	G	0.27	0.02	H	9.0431	0.0017	0.015	97		9.02	9.07		C			1							
43117	10.092	0.031	8.677	0.017		1.195	0.028	T	1.15	0.03	L	8.7416	0.0014	0.015	75		8.71	8.77		C			1							P
43118	7.660	0.006	7.616	0.006		0.040	0.008	T	0.06	0.01	L	7.6371	0.0011	0.013	183		7.62	7.66					1							S
43119	10.417	0.021	9.864	0.020		0.518	0.026	T	0.59	0.03	L	9.9180	0.0023	0.031	278		9.86	9.98					1							
43120	11.184	0.041	9.258	0.014		1.599	0.034	T	1.62	0.04	L	9.1927	0.0021	0.025	215		9.14	9.23					1 S							
43121	6.037	0.004	5.905	0.004		0.120	0.005	T	0.13	0.01	L	5.9352	0.0007	0.007	88		5.92	5.95					1							S
43122	9.526	0.027	8.872	0.024		0.598	0.027	T	0.67	0.02	L	8.9128	0.0014	0.013	76		8.90	8.94		C			1							
43123	14.297	0.894	10.178	0.044							T	9.7532	0.0643	0.676	166		8.95	10.59	423.00	P 1 A			1 X S							G
43124	10.989	0.054	9.597	0.026		1.177	0.047	T	1.14	0.04	L	9.6193	0.0030	0.025	102		9.58	9.66					1							
43125	7.921	0.008	7.582	0.007		0.322	0.010	T	0.37	0.01	L	7.6162	0.0017	0.015	122		7.59	7.64		M			1							S
43126	9.760	0.025	9.643	0.033	*	0.110	0.020	G	0.12	0.02	H *	9.6546	0.0024	0.024	109	*	9.62	9.69			08470−4518	H 1	2 C S C	AB	201	0.156	0.062	1.57	1.38	G
43127	9.199	0.015	8.968	0.017		0.220	0.021	T	0.24	0.02	L	9.0238	0.0020	0.015	89		8.99	9.05			08471+2645	I 1	1							
43128	6.450	0.003	6.576	0.004		−0.120	0.005	G	−0.11	0.01	H	6.5613	0.0010	0.009	118		6.55	6.58					1							S
43129	7.412	0.006	6.674	0.005		0.676	0.006	T	0.74	0.01	L	6.7381	0.0006	0.006	85		6.72	6.75		D			1							S
43130	9.723	0.024	7.850	0.010		1.556	0.021	T	1.57	0.02	L	7.7737	0.0014	0.011	88		7.76	7.79					1							S
43131	7.994	0.007	7.553	0.006		0.415	0.015	G	0.48	0.02	H	7.6121	0.0011	0.011	170		7.59	7.63					1							S
43132	8.774	0.010	8.426	0.011		0.330	0.014	T	0.38	0.02	L	8.4679	0.0018	0.019	124		8.44	8.51					1							S
43133	10.302	0.032	9.726	0.030		0.538	0.039	T	0.61	0.04	L	9.8314	0.0033	0.025	119		9.79	9.87		C			1							G
43134	8.670	0.010	8.543	0.012		0.123	0.015	T	0.14	0.01	L	8.5699	0.0010	0.013	136		8.55	8.59					1							
43135	7.844	0.019	7.806	0.020	A	0.100	0.495	G	0.04	0.05	L *	7.6284	0.0012	0.011	112	*	7.61	7.65		D	08472−6349	I 1	2 C A	AB	358	1.296	0.005	0.93	0.01	S
43136	7.403	0.006	7.383	0.006		0.017	0.002	G	0.04	0.00	H	7.3921	0.0011	0.011	116		7.38	7.41					1							S
43137	8.690	0.014	8.536	0.016	B	0.148	0.020	T	0.16	0.02	L	8.6065	0.0242			B				D	08472+1110	I 2	1 C I B							S
43138	8.382	0.048	8.318	0.061	A	0.099	0.015	G	0.11	0.02	H	8.3216	0.0189	0.060	85	A	8.29	8.55		D	08472+1110	I 2	1 C P B							S
43139	9.702	0.015	8.572	0.010	A	0.979	0.142	G	0.98	0.02	L *	8.5946	0.0019	0.018	180	*	8.56	8.62			08472−3028	I 1	2 C B	AB	1	9.802	0.036	3.12	0.15	
43140	8.728	0.011	8.228	0.011		0.481	0.012	T	0.55	0.01	L	8.3128	0.0017	0.015	126		8.29	8.34					1							
43141	8.579	0.011	7.872	0.010		0.625	0.005	G	0.69	0.00	H	7.9321	0.0012	0.010	102		7.91	7.95			08473−5155	I 1	1							S
43142	5.349	0.003	5.285	0.003		0.058	0.004	T	0.07	0.00	L	5.3070	0.0006	0.005	74		5.30	5.32		C			1							S
43143	9.123	0.013	7.295	0.006		1.521	0.011	T	1.56	0.02	L	7.2515	0.0014	0.011	119		7.23	7.27					1							S
43144	11.125	0.058	9.736	0.028		1.175	0.050	T	1.14	0.04	L	9.7733	0.0036	0.026	81		9.73	9.82		C			1							
43145	9.129	0.027	8.732	0.027		0.376	0.035	T	0.44	0.04	L	8.7741	0.0022	0.014	86		8.75	8.80		C			1							
43146	8.081	0.007	7.909	0.009		0.165	0.011	T	0.18	0.01	L	7.9566	0.0009	0.012	149		7.94	7.98		D			1							S
43147	8.074	0.009	7.851	0.009		0.213	0.012	T	0.24	0.01	L	7.8968	0.0012	0.011	96		7.87	7.92		C			1							S
43148	6.379	0.004	5.809	0.003		0.554	0.025	G	0.75	0.03	C	5.8510	0.0007	0.006	113		5.84	5.86					1							S
43149	8.613	0.009	8.576	0.011		0.034	0.013	T	0.05	0.01	L	8.6058	0.0016	0.019	176		8.57	8.64					1							
43150	10.508	0.046	9.112	0.024		1.180	0.041	T	1.14	0.04	L	9.1762	0.0019	0.016	71		9.13	9.20		C			1							
43151	9.990	0.028	9.273	0.024		0.659	0.030	T	0.72	0.03	L	9.3661	0.0024	0.019	96		9.33	9.39		C			1 X S							S
43152	7.333	0.006	6.572	0.005	*	0.679	0.006	T	0.74	0.01	L *	6.6177	0.0010	0.009	93	*	6.61	6.63		D	08474−1703	I 1	2 C S A	AB	141	0.121	0.007	0.63	0.37	S
43153	9.784	0.019	8.607	0.012		1.009	0.018	T	0.98	0.01	L	8.6664	0.0018	0.020	152		8.64	8.71					1							
43154	7.516	0.005	7.466	0.007		0.045	0.008	T	0.06	0.01	L	7.4799	0.0010	0.009	141		7.47	7.49					1							S
43155	10.272	0.022	8.668	0.011		1.344	0.019	T	1.31	0.02	L	8.6684	0.0014	0.017	150		8.64	8.69		C			1							
43156	8.534	0.008	6.822	0.004		1.429	0.007	T	1.42	0.01	L	6.8003	0.0011	0.011	162		6.78	6.82			08474−3436	I 1	1							S
43157	9.698	0.017	9.445	0.019		0.241	0.024	T	0.27	0.03	L	9.5167	0.0019	0.024	181		9.46	9.56					1							
43158	7.816	0.008	7.498	0.007		0.302	0.010	T	0.35	0.01	L	7.5177	0.0012	0.015	159		7.50	7.55					1							S
43159	9.034	0.016	8.977	0.020	*	0.051	0.023	T	0.06	0.02	L *	8.9895	0.0016	0.015	102	*	8.96	9.02		C	08474−1548	H 1	2 C C	AB	99	0.444	0.066	3.56	0.30	
43160	9.997	0.023	8.530	0.013		1.236	0.021	T	1.19	0.02	L	8.5553	0.0016	0.017	105		8.53	8.58		C			1							
43161	9.828	0.023	8.613	0.015		1.039	0.021	T	1.01	0.02	L	8.6496	0.0014	0.010	91		8.63	8.67					1							
43162	9.387	0.019	9.247	0.023		0.135	0.028	T	0.15	0.03	L	9.2798	0.0025	0.017	89		9.24	9.30		C			1							
43163	8.552	0.010	8.617	0.013		−0.055	0.014	T	−0.03	0.01	L	8.6173	0.0015	0.012	121		8.60	8.64					1							
43164	9.567	0.021	9.108	0.021		0.390	0.020	G	0.46	0.02	H	9.1746	0.0020	0.014	81		9.15	9.20		C			1							
43165	9.711	0.021	8.429	0.013		1.091	0.019	T	1.05	0.02	L	8.4821	0.0014	0.011	111		8.46	8.50		C			1							
43166	10.391	0.024	8.608	0.010		1.485	0.021	T	1.50	0.03	L	8.5786	0.0012	0.014	131		8.56	8.61					1							
43167	7.935	0.008	7.825	0.010	*	0.084	0.002	G	0.08	0.02	A *	7.8525	0.0013	0.010	90	*	7.84	7.87		C	08476+0005	I 1	2 C S A	BA	208	0.147	0.004	0.56	0.24	S
43169	7.669	0.008	7.506	0.008		0.149	0.011	T	0.16	0.01	L	7.5496	0.0008	0.009	93		7.53	7.56					1							S
43170	11.030	0.034	9.900	0.020	*	0.960	0.015	G	1.01	0.02	I *	9.9764	0.0032	0.039	244	*	9.90	10.05			08476−3124	H 1	2 C S B	AB	262	0.146	0.017	0.10	1.12	G
43171	9.792	0.022	9.439	0.024		0.335	0.030	T	0.39	0.04	L	9.4803	0.0022	0.015	107		9.45	9.51					1							
43172	8.545	0.012	7.833	0.010		0.655	0.013	T	0.72	0.01	L	7.9031	0.0011	0.009	92		7.89	7.92		C	08476+0001	I 1	1 S							S
43173	8.154	0.007	8.110	0.009		0.040	0.010	T	0.06	0.01	L	8.1303	0.0010	0.013	136		8.11	8.15		C			1							S
43174	10.739	0.033	8.687	0.010		1.699	0.027	T	1.72	0.03	L	8.5692	0.0021	0.025	176		8.53	8.61					1							
43175	11.022	0.058	9.801	0.032		1.043	0.052	T	1.01	0.04	L	9.8604	0.0024	0.023	83		9.81	9.90		C			1							
43176	6.783	0.003	6.954	0.005		−0.161	0.007	G	−0.16	0.01	H	6.9334	0.0011	0.013	149		6.92	6.95		M			1							S
43177	7.051	0.005	6.411	0.004		0.578	0.003	G	0.64	0.07	F	6.4749	0.0007	0.007	138		6.46	6.49		C			1							S
43178	10.376	0.031	8.831	0.015		1.297	0.027	T	1.26	0.03	L	8.8264	0.0019	0.017	104		8.80	8.87		C			1							
43179	6.970	0.006	7.020	0.006	A	−0.100	0.495	G	−0.02	0.02	L *	6.9517	0.0007	0.009	150	*	6.93	6.97		D	08477−3856	I 1	2 C A	AB	111	1.432	0.007	2.05	0.03	S
43180	10.249	0.034	9.428	0.026		0.740	0.033	T	0.79	0.02	L	9.5045	0.0019	0.019	86		9.47	9.56					1							
43181	8.025	0.008	8.108	0.011		−0.072	0.002	G	−0.05	0.00	H	8.1089	0.0009	0.009	108		8.10	8.13					1							S
43182	6.969	0.005	7.111	0.006		−0.120	0.003	G	−0.11	0.00	H	7.0936	0.0009	0.009	120		7.08	7.11		C			1							S
43183	9.443	0.019	8.477	0.014		0.849	0.018	T	0.86	0.01	L	8.5209	0.0018	0.014	87		8.50	8.54					1							S
43184	8.938	0.014	8.742	0.016		0.187	0.020	T	0.21	0.02	L	8.8092	0.0020	0.015	76		8.78	8.83		C			1							
43185	8.370	0.006	7.870	0.006		0.470	0.008	T	0.54	0.01	L	7.9229	0.0011	0.014	264		7.90	7.95					1							S
43186	8.305	0.007	6.938	0.005		1.158	0.007	T	1.12	0.01	L	6.9782	0.0010	0.010	185		6.96	7.00					1							S
43187	8.306	0.010	7.330	0.007	*	0.850	0.015	G	0.86	0.01	H *	7.3921	0.0012	0.009	122	*	7.38	7.41		D	08479−4321	M 1	2 C A	AD	324	0.206	0.014	1.79	0.22	S
43188	10.110	0.029	9.775	0.033		0.318	0.041	T	0.37	0.06	L	9.7991	0.0027	0.021	118		9.76	9.84					1							
43189	10.075	0.040	9.180	0.029	*	0.770	0.015	G	0.81	0.01	H *	9.3547	0.0022	0.016	70	*	9.32	9.38		D	08479+4532	I 1	2 C A	AB	207	3.102	0.006	1.12	0.03	
43190	9.333	0.013	8.579	0.010		0.673	0.012	T	0.73	0.01	L	8.6471	0.0014	0.019	164		8.62	8.68		C			1							
43191	9.289	0.015	8.804	0.015		0.430	0.015	G	0.50	0.02	H	8.8690	0.0016	0.017	135		8.84	8.90		C			1							
43192	8.819	0.012	8.387	0.012		0.411	0.015	G	0.48	0.02	H	8.4292	0.0015	0.015	107		8.40	8.45					1							S
43193	9.483	0.013	8.841	0.012		0.590	0.013	T	0.66	0.01	L	8.8907	0.0019	0.025	221		8.85	8.94			08480−3115	I 1	1 S							
43194	9.263	0.018	8.547	0.015		0.658	0.019	T	0.72	0.02	L	8.6115	0.0020	0.016	93		8.59	8.64		C			1							S
43195	6.171	0.003	6.258	0.004		−0.097	0.006	G	−0.08	0.01	H	6.2613	0.0007	0.007	124		6.25	6.27		C			1							S
43196	10.872	0.060	9.425	0.029		1.220	0.052	T	1.18	0.05	L	9.4478	0.0031	0.027	80		9.42	9.50					1							
43197	7.217	0.006	6.767	0.007		0.424	0.008	T	0.49	0.01	L	6.8100	0.0010	0.008	119		6.80	6.82					1							S
43198	9.998	0.023	8.213	0.010		1.487	0.020	T	1.51	0.03	L	8.1857	0.0019	0.018	117		8.16	8.23		U			1							
43199	11.231	0.066	10.617	0.064		0.572	0.080	T	0.64	0.07	L	10.5633	0.0047	0.041	86		10.44	10.62		U 2 C			1 S							G
43200	8.079	0.007	7.713	0.007		0.375	0.015	G	0.44	0.02	H	7.7513	0.0013	0.014	139		7.73	7.77					1							S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion μα* mas/yr (12)	μδ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	μα* mas/yr (17)	μδ mas/yr (18)	Astrometric Correlations (%) δ α* (19)	π α* (20)	π δ (21)	μα* α* (22)	μα* δ (23)	μα* π (24)	μδ α* (25)	μδ δ (26)	μδ π (27)	μδ μα* (28)	Soln F1 % (29)	F2 (30)
43201		08 48 03.15	−71 18 57.9	7.85		G	132.013 105 76	−71.316 076 22		6.75	−16.86	40.57	0.64	0.58	0.68	0.70	0.57	+8	+24	+18	−11	−9	+12	−6	−22	+18	−1	0	0.16
43202		08 48 04.13	−22 24 11.2	9.75		H	132.017 202 76	−22.403 108 29		2.87	−12.70	10.58	0.91	0.98	1.44	1.17	1.00	−30	+7	+12	+29	−25	−10	−22	+40	+5	−30	0	1.06
43203		08 48 04.54	−56 41 29.6	8.21		H	132.018 899 38	−56.691 553 48		4.01	−46.59	54.13	0.58	0.54	0.63	0.57	0.55	−1	+3	+13	+8	−7	+1	−8	+0	+0	−13	0	0.13
43204		08 48 04.87	−06 33 31.5	6.09		G	132.020 288 45	−06.558 761 25		4.89	13.95	−32.15	0.90	0.44	1.07	0.80	0.45	−13	+62	−22	−9	−29	−4	−21	+13	−3	−24	0	−1.44
43205		08 48 06.27	+46 41 30.7	8.17	2	H	132.026 119 37	+46.691 859 19		−0.35	−1.95	−5.87	0.93	0.64	1.00	1.24	0.93	−20	+31	−14	+12	−6	+2	−7	+16	−4	+1	0	−0.50
43206		08 48 06.36	+17 23 41.4	7.22		H	132.026 509 23	+17.394 844 25		3.29	5.39	−28.58	1.08	0.48	1.02	1.45	0.73	−2	+1	−20	−41	+8	−31	−7	+41	−25	+17	0	1.30
43207		08 48 07.64	+60 52 58.5	9.28	2	H	132.031 814 77	+60.882 917 21		2.18	−2.34	−5.46	0.78	0.82	1.34	0.95	0.86	−7	+22	−24	+35	−20	+24	−7	+17	+1	+33	0	2.13
43208		08 48 08.05	−37 14 05.3	9.16		H	132.033 535 94	−37.234 792 27		4.07	2.52	3.60	0.72	0.89	1.08	0.80	0.92	+2	−4	+12	+10	−1	+8	−2	−2	+3	+2	1	1.43
43209		08 48 08.79	−42 27 48.5	6.43		H	132.036 610 85	−42.463 463 45		1.92	−13.65	7.00	0.43	0.43	0.55	0.50	0.43	+8	−1	+10	+11	+5	+4	+3	−19	+16	+4	0	0.97
43210		08 48 09.16	+40 57 00.3	9.26		H	132.038 185 39	+40.950 070 32		−0.11	−4.36	8.25	1.21	0.78	1.48	1.38	1.05	−25	+44	−13	+14	−8	−2	−14	+7	−10	−41	2	1.81
43211		08 48 09.21	+04 20 25.2	9.02		H	132.038 378 12	+04.340 324 42		6.61	−7.77	−4.66	0.98	0.67	1.26	1.34	0.91	−14	+19	−18	+20	+15	−22	+9	+46	−20	−12	0	0.37
43212		08 48 10.51	+15 06 38.4	8.34		H	132.043 791 06	+15.110 677 56		5.76	−8.46	−3.93	1.40	0.63	1.42	1.68	1.00	−11	+22	−28	−49	−1	−15	−10	+46	−43	−5	0	1.09
43213		08 48 11.22	+38 36 21.9	9.36		H	132.046 736 24	+38.606 088 91		2.87	−3.07	−2.62	1.25	0.73	1.34	1.45	0.93	−5	+0	−4	−32	−17	+1	−7	−3	−10	−44	2	1.48
43214	H	08 48 12.25	+02 34 48.8	7.31		H	132.051 031 47	+02.580 210 20	A	8.15	−23.43	−37.64	1.14	0.74	1.28	1.42	0.88	−8	+29	−18	+3	+6	−11	−2	+44	−8	−7	1	0.05
43215		08 48 14.63	−28 38 19.6	6.42	2	H	132.060 972 34	−28.638 779 51		4.23	−10.55	−8.43	0.41	0.45	0.68	0.47	0.50	+5	−11	+2	+1	+3	+9	+2	−1	−1	−19	1	1.60
*43216	H	08 48 15.07	+49 35 44.5	10.32		H	132.062 773 49	+49.595 697 00	A	7.92	2.83	−21.65	3.89	2.87	3.99	3.81	2.17	−23	+23	−13	−19	+25	−4	+32	−49	+16	+15	0	−0.41
*43217		08 48 15.06	+15 43 39.3	8.58		H	132.062 735 22	+15.727 584 24		7.64	22.69	−25.96	1.31	0.63	1.27	1.54	0.97	−13	+21	−25	−55	−8	−31	−15	+46	−29	−10	0	−0.23
43218		08 48 15.21	−07 58 20.8	7.97		H	132.063 379 85	−07.972 433 54		5.35	−13.07	−7.43	0.85	0.52	0.99	0.97	0.57	−1	+6	−16	−25	−19	−17	−13	+7	+13	−28	0	0.17
43219		08 48 15.91	+34 36 14.5	10.26		G	132.066 271 40	+34.604 021 79	B	14.33	−16.76	−36.86	53.95	38.39	2.67	3.28	2.41	+0	+1	+0	−1	+0	−19	+0	+0	−17	−36	9	2.44
43220		08 48 16.44	+34 35 56.5	8.01		G	132.068 480 95	+34.599 037 38	A	14.33	−16.76	−36.86	3.00	2.08	2.67	3.28	2.41	−27	+15	+7	−18	−3	−19	−4	−5	−17	−36	9	2.44
43221		08 48 17.28	−70 25 01.2	8.10		H	132.071 979 92	−70.417 009 11		3.53	−19.98	16.77	0.64	0.62	0.70	0.81	0.66	+6	+21	+7	−2	−13	−13	−6	−7	+23	−12	0	0.65
43222		08 48 17.60	−49 32 38.3	8.34		H	132.073 326 99	−49.543 967 41		3.24	−36.56	51.06	0.71	0.67	0.80	0.89	0.75	+0	+10	−1	−21	+1	−21	+2	−28	+8	+2	0	−0.98
43223		08 48 17.76	+18 44 54.3	10.28		H	132.074 018 55	+18.748 414 12		5.84	−63.18	−111.58	2.16	1.05	2.16	2.44	1.66	−13	+20	−9	−37	+2	−23	+10	+32	−15	−24	0	−1.10
43224		08 48 18.31	+00 33 18.2	7.24		G	132.076 276 02	+00.555 046 89	A	4.61	−5.53	−9.31	1.95	1.35	1.87	2.16	1.43	−7	+10	−28	−9	−4	−27	−9	+50	−22	−16	2	0.09
*43225		08 48 19.01	+00 33 25.1	10.56		H	132.079 202 43	+00.556 973 16	B	23.13	14.87	−89.36	59.90	36.13	36.48	39.26	30.55	−10	+14	−27	−22	−4	−27	−10	+40	−25	−21	2	0.09
*43226		08 48 18.98	−68 39 55.5	8.08		H	132.079 094 47	−68.665 415 21		3.81	−20.13	21.99	0.68	0.65	0.73	0.84	0.71	+7	+15	−6	−13	−9	−9	−5	−11	+17	−16	3	−1.18
43227		08 48 20.19	−63 25 47.4	8.06		H	132.084 131 15	−63.429 837 11		3.34	−5.33	4.52	0.59	0.57	0.66	0.60	0.60	−2	+20	+3	−29	−13	−25	−8	−18	+15	−34	1	−0.13
43228		08 48 20.57	+67 27 00.7	8.69		H	132.085 704 48	+67.450 195 95		1.55	54.08	−93.61	0.54	0.74	1.16	0.56	0.82	+34	+7	−2	−22	−3	+9	−2	+3	+12	+36	1	1.49
43229		08 48 20.86	−46 54 38.0	9.03	2	H	132.086 915 19	−46.910 547 62		1.82	−3.75	5.35	0.70	0.72	0.85	0.83	0.74	−6	−1	+9	+10	+7	+5	+6	−9	+4	−4	0	1.97
43230		08 48 21.62	+48 58 43.5	8.46		H	132.090 102 00	+48.978 761 94		11.93	−65.54	−37.00	0.95	0.66	1.10	1.13	0.64	−20	+22	+10	−2	+23	−10	+33	−37	−9	+32	0	−0.40
43231	H	08 48 22.84	−65 25 49.7	7.10		H	132.095 159 89	−65.430 481 78	A	5.43	8.49	6.55	0.67	0.63	0.64	0.68	0.61	−5	+10	+5	−18	+5	+2	+7	−14	+17	−20	1	−0.05
43232		08 48 24.02	+20 41 47.6	8.58		H	132.100 081 45	+20.696 560 38		13.64	−47.24	−35.01	1.02	0.61	1.14	1.24	0.96	−18	+26	−7	−19	−13	−40	−11	+54	−9	−24	0	−2.17
*43233		08 48 26.03	+06 28 09.9	10.35		G	132.108 460 28	+06.469 420 20		38.73	214.39	−436.85	3.72	2.34	4.93	5.00	3.36	−22	+28	−28	+6	+8	+10	+0	+45	−38	−19	0	
*43234		08 48 25.98	+05 50 16.4	4.35		G	132.108 253 51	+05.837 884 86		9.67	−17.51	−29.79	0.78	0.47	1.00	1.09	0.68	−5	+14	−14	+7	+10	−25	+8	+55	−22	−8	2	−1.52
*43235		08 48 26.21	−02 31 15.2	7.31		H	132.109 210 52	−02.520 878 17		4.53	−19.99	−8.95	0.83	0.52	0.99	1.09	0.67	−9	+24	−31	−22	−1	−19	−12	+46	−27	+2	0	0.52
*43236		08 48 26.21	−59 34 25.7	9.03		H	132.109 207 89	−59.573 808 51		0.90	0.12	2.16	0.80	0.70	0.83	1.01	0.77	−2	+3	+8	+12	−5	−10	−6	+2	+5	−23	0	−0.26
43237		08 48 27.06	−58 13 37.0	7.32		H	132.112 753 59	−58.226 957 54		1.84	−18.25	6.46	0.52	0.46	0.55	0.58	0.49	−3	−10	+13	+2	−8	+4	−9	+6	+9	−9	0	1.35
43238		08 48 28.50	−55 26 57.1	7.71		H	132.118 737 70	−55.449 185 50		3.34	−8.81	10.63	0.50	0.46	0.54	0.54	0.49	+6	+2	+5	−7	−11	+2	−11	+1	−10	−4	0	−1.35
43239	H	08 48 29.91	−18 02 34.9	8.13		H	132.124 623 13	−18.043 026 82	A	3.79	−28.79	−15.99	1.40	0.91	1.45	1.45	0.91	−44	+10	−16	+51	−5	−25	−23	+11	+10	−67	3	0.38
43240		08 48 30.84	−42 24 02.4	7.39		G	132.128 484 10	−42.400 672 25		2.65	−13.56	6.99	0.50	0.53	0.66	0.59	0.53	+1	−4	+6	+1	+3	+14	+1	−18	+12	+2	0	−0.59
43241		08 48 32.85	+02 33 49.4	6.93		H	132.136 870 45	+02.563 732 34		6.08	−2.54	−29.00	0.78	0.49	0.99	1.14	0.68	−1	+13	−28	+15	+19	−29	+8	+57	−31	+12	2	0.35
*43242		08 48 35.27	+24 07 43.5	8.66		H	132.146 963 51	+24.128 743 80		3.80	−11.89	−10.69	1.10	0.59	1.22	1.46	0.96	−11	+0	−25	−13	+21	−18	+19	+35	−37	−3	0	0.55
*43243		08 48 35.24	−30 47 00.9	9.02		H	132.146 836 24	−30.783 577 72		1.94	−0.17	−0.41	0.77	0.93	1.44	1.00	0.98	+4	−4	+7	+34	−9	+13	−9	+0	+7	+3	1	−0.85
43244		08 48 36.89	−49 13 43.2	7.68		G	132.153 711 80	−49.228 656 72		4.29	−33.51	0.54	0.62	0.58	0.70	0.77	0.66	+1	+5	−2	−18	+3	−12	+3	−27	+4	+4	1	0.25
43245		08 48 37.04	+10 25 58.9	6.91	2	H	132.154 315 48	+10.433 014 92		3.93	10.74	7.33	0.84	0.50	1.04	1.04	0.70	−25	+33	−18	+4	+25	−2	+20	+31	−21	−28	0	−0.48
43246		08 48 37.48	−01 02 41.4	6.42		G	132.156 172 74	−01.044 832 47		7.12	−50.89	−1.35	0.68	0.47	0.83	0.85	0.61	−9	+17	−24	−14	−4	−30	−10	+45	−18	−8	0	1.39
43247		08 48 37.53	−59 33 47.1	9.28		H	132.156 355 52	−59.563 077 65		5.59	−19.75	−8.61	0.82	0.71	0.85	1.01	0.76	−4	−3	+13	+10	−5	−15	−4	+1	+8	−21	0	1.40
43248		08 48 37.70	−25 39 15.3	8.28		H	132.157 081 31	−25.654 261 58		1.94	−9.06	−0.26	0.78	0.57	0.97	0.91	0.58	−9	+2	+9	+39	−21	−18	−20	+23	+0	−18	0	1.68
43249		08 48 39.21	−59 57 09.9	8.03		H	132.163 395 01	−59.952 763 04		1.39	−11.56	5.89	0.63	0.56	0.66	0.72	0.60	+12	−2	+8	+11	+1	+3	−2	−5	+14	−5	0	1.94
43250		08 48 39.54	+52 55 44.2	8.49		H	132.164 762 29	+52.928 950 57		4.35	−5.45	−32.00	0.94	0.69	1.09	1.03	0.71	+2	+35	+2	−1	+10	−8	+16	−17	+13	+17	0	0.59
43251		08 48 39.55	+12 32 49.0	6.66	2	H	132.164 780 53	+12.546 940 20		2.24	−19.07	−0.73	1.05	0.53	1.08	1.25	0.80	−19	+25	−19	−47	+0	−12	−5	+29	−28	−18	2	1.67
43252	H	08 48 40.30	+00 56 31.0	7.89		H	132.167 917 50	+00.941 935 56	*	12.31	−46.29	−13.29	2.75	7.70	2.27	2.31	1.70	+22	+4	−15	+29	−5	−13	−7	+37	−35	−15	2	0.97
43253		08 48 40.54	−60 38 17.2	8.73		H	132.168 910 19	−60.638 111 60		1.11	−10.45	8.64	0.64	0.63	0.72	0.65	0.63	+3	−12	+5	+9	−7	+3	−14	−14	+15	−20	0	−0.94
43254		08 48 41.27	+20 20 16.1	8.22		H	132.171 955 16	+20.337 798 36		−0.05	−23.28	2.20	1.14	0.61	1.21	1.34	0.96	−16	+27	−26	−31	−3	−37	−15	+55	−27	−8	2	−1.31
43255		08 48 41.77	+06 34 33.2	8.30		H	132.174 061 69	+06.575 883 77		4.44	−41.27	−1.72	1.05	0.61	1.36	1.26	0.79	−20	+46	−38	+21	+17	−7	−2	+57	−31	+2	0	−0.76
43256		08 48 42.75	−25 26 42.1	8.23		H	132.178 141 33	−25.445 035 79		−1.36	−7.20	10.79	0.86	0.60	1.00	1.00	0.60	−14	+0	+3	+43	−22	−16	−20	+23	+6	−18	0	1.43
43257		08 48 42.96	−39 14 02.4	7.15		G	132.178 992 05	−39.233 990 53		8.80	−33.43	48.95	0.44	0.53	0.64	0.48	0.61	+9	+2	+6	−9	−4	+16	−9	−24	+3	−12	0	−0.81
43258		08 48 43.36	−38 00 14.1	8.31		H	132.180 662 97	−38.003 926 92		2.73	−5.66	0.43	0.51	0.60	0.74	0.54	0.62	+1	−1	−2	+5	+0	+14	−1	−9	+11	−1	1	0.13
43259		08 48 43.70	+21 33 29.8	10.04		H	132.182 102 12	+21.558 269 80		2.25	8.67	−32.75	1.56	0.90	1.65	2.23	1.40	−13	+20	−8	−1	+9	−20	+4	+49	−2	−3	0	−2.02
43260		08 48 44.80	−47 45 48.2	7.83	1	G	132.186 653 88	−47.763 379 05		0.40	−3.86	4.21	0.54	0.52	0.64	0.61	0.56	+12	+0	+8	+8	−2	−6	+0	−10	+5	+18	1	1.57
43261		08 48 44.85	−49 42 30.4	8.57		H	132.186 871 27	−49.708 455 21		4.13	−3.15	−5.50	0.73	0.63	0.82	0.92	0.71	+5	+20	+12	−26	−3	−30	+0	−22	−3	+3	0	−0.32
43262		08 48 44.91	+12 35 45.7	7.87		H	132.187 144 05	+12.596 013 89		3.89	−36.67	−7.91	1.18	0.58	1.14	1.39	0.85	−15	+21	−11	−52	+5	−10	+3	+13	−24	−17	2	2.27
43263		08 48 46.54	+30 28 46.9	8.19		H	132.193 932 00	+30.479 681 67		4.99	−32.76	−17.85	0.90	0.63	1.04	1.09	0.98	−22	+24	+2	−4	−14	−33	−7	+36	+2	−38	5	0.98
43264		08 48 47.81	−23 10 45.9	9.51		H	132.199 196 55	−23.179 405 50		2.73	0.53	−1.73	0.87	0.79	1.23	1.07	0.81	−13	+17	+10	+9	−16	+0	−12	+41	+5	−21	0	1.20
43265		08 48 48.95	+72 01 03.3	10.66		H	132.203 964 67	+72.017 583 63	B	5.63	14.81	8.46	7.66	8.97	6.76	6.02	7.48	+16	+25	−20	−5	−4	+5	−3	−5	+4	+35	9	1.69
43266		08 48 49.28	+66 42 29.4	6.20		H	132.205 332 70	+66.708 168 39		6.34	−19.93	−35.26	0.33	0.41	0.67	0.40	0.49	+34	+3	−6	+1	−3	+16	−2	+13	+12	+39	0	1.09
43267		08 48 49.55	−32 28 14.5	9.30		H	132.206 441 83	−32.470 680 65		13.81	−5.81	−112.67	0.68	0.93	1.33	0.82	1.01	+22	−5	−2	−11	+5	+18	+2	−21	+20	+22	1	1.24
43268		08 48 53.56	+43 08 52.0	8.75		H	132.223 175 84	+43.147 788 63		4.64	1.08	9.11	1.08	0.74	1.19	1.42	0.95	−7	+30	+4	−16	−20	−1	−14	+5	+2	−28	0	−0.61
43269		08 48 53.62	−22 52 27.0	9.10		H	132.223 425 93	−22.874 170 21		4.73	−3.57	−5.23	0.90	0.82	1.33	1.09	0.88	−14	+13	−5	+31	−12	−1	−11	+46	−2	−22	0	0.31
43270		08 48 54.08	+72 01 13.9	8.26		H	132.225 347 28	+72.020 514 91	A	1.89	7.71	3.98	1.72	1.82	1.88	1.87	2.06	+17	+25	−14	−5	−8	−2	−6	−6	+7	+33	9	1.69
*43271		08 48 54.59	+03 45 20.8	7.62		H	132.227 448 06	+03.755 781 38		6.52	−8.24	0.04	0.83	0.53	1.06	1.17	0.75	−6	+5	−20	+14	+13	−19	+10	+51	−24	−4	0	0.10
*43272	H	08 48 54.55	−38 58 12.5	7.04		H	132.227 305 43	−38.970 140 27	A	4.80	12.80	19.11	3.11	1.79	1.09	0.84	0.97	+21	−9	−12	−15	−12	+10	−2	−21	+5	−1	2	0.26
43273		08 48 56.13	+72 40 36.3	8.62		H	132.233 891 01	+72.676 739 88		15.02	−71.73	−81.11	0.72	0.70	1.00	0.81	0.82	+10	+23	−19	+20	+3	+3	+4	+15	−2	+27	1	1.42
43274		08 48 56.91	+28 58 51.9	10.99		G	132.237 133 42	+28.981 080 19		24.29	−92.77	−74.49	2.22	1.39	2.43	2.86	2.25	−21	+23	−8	+5	−5	−24	−4	+48	+5	−22	0	−1.29
43275		08 48 58.46	+22 14 45.0	9.39		H	132.243 564 03	+22.245 845 85		4.97	−17.70	6.25	1.28	0.69	1.43	1.64	1.07	−13	+0	−24	−14	+13	−32	+9	+41	−26	−6	0	0.88
43276		08 48 59.18	+77 49 55.5	8.80		H	132.246 572 72	+77.832 077 61		13.46	−35.16	−18.59	0.69	0.65	0.89	0.83	0.79	+6	+12	−13	+8	+5	+4	+6	+16	+7	+9	0	0.48
43277		08 48 59.29	−75 03 31.7	8.37		H	132.247 049 13	−75.058 815 92		2.22	−0.11	−10.30	0.67	0.62	0.73	0.77	0.73	−12	+18	+13	+8	+6	+7	+7	−13	+24	−22	0	−0.62
43278		08 48 59.33	+63 19 27.3	8.11		H	132.247 220 46	+63.324 259 64		3.47	7.06	27.03	0.69	0.63	0.98	0.80	0.76	−4	+11	−13	+27	−11	+16	−10	+28	+1	+13	0	0.92
43279	H	08 49 00.35	+38 20 42.9	7.27		G	132.251 463 56	+38.345 247 57	A	4.07	−7.25	0.71	1.03	0.69	1.07	1.22	0.87	−32	+2	−5	−18	−11	+7	−4	+3	−4	−63	1	0.23
43280		08 49 00.60	+41 06 29.0	7.98	1	H	132.252 502 10	+41.108 053 25		0.77	−1.48	1.17	0.92	0.62	1.10	1.03	0.83	−22	+37	−3	+6	−10	−14	−9	+12	+1	−44	0	1.91
43281		08 49 01.89	−53 06 11.4	8.19		G	132.257 872 43	−53.103 165 40		3.92	−11.33	−1.64	0.57	0.58	0.66	0.69	0.68	+7	+15	+2	+11	−1	−2	+0	−1	−2	+13	0	−0.14
43282		08 49 02.22	−39 24 53.0	7.43		H	132.259 240 76	−39.414 735 65		−0.29	−10.70	7.21	0.47	0.51	0.64	0.55	0.58	+9	+5	+7	−2	−6	+8	−11	−31	−1	−7	0	0.00
43283		08 49 02.85	−05 13 59.3	10.83		H																							
43284		08 49 03.21	−05 14 23.1	7.85		G	132.263 381 51	−05.239 756 61		0.98	−38.99	−19.19	0.96	0.52	1.15	1.00	0.55	−2	+33	+3	−33	−33	−9	−17	+9	+5	−34	3	0.13
43285		08 49 03.37	−43 45 40.4	7.33		H	132.264 047 14	−43.761 229 42		3.03	−12.16	8.11	0.50	0.48	0.63	0.55	0.48	+3	−2	+25	+2	−3	−8	−2	−11	+0	−3	0	0.17
43286		08 49 03.64	−57 14 01.3	8.45		H	132.265 174 13	−57.233 701 73		2.05	−5.21	5.57	0.69	0.61	0.73	0.70	0.62	+1	+8	+13	+13	−1	+6	−4	−9	+8	−9	0	−0.05
43287		08 49 03.75	−30 13 10.8	8.38		H	132.265 643 86	−30.219 671 97		11.79	4.13	−53.00	0.52	0.71	1.04	0.68	0.75	+5	+3	+10	+31	−7	+12	−8	+8	+10	−1	2	−1.06
43288		08 49 05.04	−10 52 01.7	8.75		H	132.271 010 98	−10.867 134 14		5.38	5.72	−26.41	0.91	0.61	1.16	1.15	0.65	−18	+25	−12	−8	−19	−5	−12	+11	+7	−33	2	−1.10
43289		08 49 05.40	+56 19 38.0	8.32		H	132.272 499 10	+56.327 213 46		2.23	8.02	1.26	0.80	0.70	1.12	0.90	0.79	+0	+26	−9	−48	−8	−11	−9	−21	+18	+19	0	1.33
43290		08 49 05.78	−39 57 16.9	7.83	2	H	132.274 087 59	−39.954 701 59		27.71	−120.77	129.57	0.51	0.55	0.70	0.54	0.63	+4	+11	+8	−1	−2	+8	−5	−24	+5	−7	2	−2.79
43291		08 49 06.23	−07 00 32.8	8.25		H	132.275 967 63	−07.009 103 25		4.49	−22.17	14.76	0.99	0.55	1.22	1.04	0.57	−4	+47	−20	−11	−22	+5	−13	+4	+1	−17	0	0.28
43292		08 49 08.11	−57 35 15.6	8.69		H	132.283 773 39	−57.587 653 42		3.27	−3.37	−0.36	0.71	0.62	0.74	0.78	0.63	+5	+4	+19	+20	+2	+7	−1	−1	+5	−1	0	−0.81
43293		08 49 09.77	−35 23 33.1	8.77		H	132.290 690 88	−35.392 522 65		4.23	−35.45	34.05	0.67	0.72	1.03	0.70	0.67	+20	+6	+16	+2	+6	−7	+7	+5	+13	+15	0	−0.30
43294		08 49 10.07	−34 18 13.7	8.91		H	132.291 955 02	−34.303 808 91		7.78	−2.92	−37.89	0.73	0.76	1.07	0.79	0.71	+14	−6	−4	−16	+11	+2	+8	−18	+12	+19	0	−1.28
43295		08 49 10.18	−51 20 35.7	9.24		H	132.292 402 49	−51.343 255 98		1.77	−4.39	6.23	0.71	0.74	0.86	0.89	0.91	−4	−6	+18	+6	+0	+6	+0	−19	−17	−2	0	1.44
43296		08 49 11.86	+36 31 32.2	11.24		H	132.299 409 84	+36.525 610 06		23.12	−214.70	−410.15	2.26	1.50	2.88	2.22	1.78	−52	+50	−42	−12	−12	−10	−16	+12	−5	−64	0	−0.72
43297		08 49 12.62	+03 29 04.6	7.45		H	132.302 567 21	+03.484 611 17		33.50	−146.94	59.35	0.85	0.51	1.05	1.16	0.70	+6	+2	−30	+20	+26	−29	+20	+54	−32	+10	0	0.67
43298		08 49 14.43	−57 40 29.4	7.77		H	132.310 107 69	−57.674 827 29		2.00	−23.82	21.29	0.64	0.51	0.62	0.75	0.53	+10	+2	+16	+34	+4	+6	+4	+5	+4	+12	0	0.67
43299		08 49 15.33	−15 33 52.8	7.27		H	132.313 893 14	−15.564 678 40		24.09	17.79	−23.38	0.71	0.48	0.85	0.76	0.48	−3	+26	+0	−16	−28	−16	−20	+15	+3	−21	0	1.93
43300		08 49 15.40	−64 47 52.1	8.16		H	132.314 153 03	−64.797 799 96		11.02	−31.15	15.54	0.52	0.55	0.61	0.55	0.58	−3	−1	+3	−3	−4	−10	−6	−12	+17	−27	1	1.71

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
43201	8.199	0.010	7.877	0.011		0.283	0.002	G	0.32	0.00	H	7.9253	0.0011	0.012	108		7.90	7.95		C			1							S
43202	9.855	0.023	9.722	0.030		0.128	0.035	T	0.14	0.04	L	9.7969	0.0025	0.028	135		9.73	9.85		C			1							G
43203	9.871	0.032	8.365	0.017		1.267	0.028	T	1.23	0.03	L	8.3748	0.0016	0.016	131		8.35	8.40					1							
43204	7.749	0.007	6.236	0.004		1.282	0.003	G	1.18	0.04	E	6.2517	0.0008	0.006	107		6.24	6.26		C			1							S
43205	10.390	0.037	8.402	0.014		1.648	0.031	T	1.67	0.03	L	8.2846	0.0034	0.027	77		8.22	8.32	4.00	P 1 A			1 S							S
43206	9.067	0.016	7.359	0.008		1.426	0.014	T	1.41	0.02	L	7.3557	0.0009	0.009	88		7.34	7.38		C	08481+1724	I 1	1							S
43207	11.346	0.059	9.530	0.020		1.542	0.051	T	2.59	0.07	O	9.2902	0.0045	0.042	171		9.23	9.36		U 2			1 S							
43208	10.451	0.030	9.311	0.018		0.980	0.027	T	0.96	0.02	L	9.3253	0.0029	0.030	161		9.28	9.38					1							
43209	6.185	0.004	6.389	0.005		−0.178	0.006	T	−0.18	0.01	L	6.3650	0.0008	0.008	119		6.35	6.38					1							S
43210	9.769	0.021	9.293	0.021		0.448	0.027	T	0.52	0.03	L	9.3627	0.0024	0.018	86		9.32	9.40		C			1							
43211	9.233	0.016	9.025	0.018		0.199	0.023	T	0.22	0.03	L	9.0791	0.0017	0.016	113		9.05	9.11		C			1							
43212	9.624	0.022	8.439	0.014		1.015	0.020	T	0.99	0.02	L	8.5083	0.0015	0.010	78		8.49	8.53					1							S
43213	9.642	0.019	9.368	0.021		0.261	0.027	T	0.29	0.03	L	9.4294	0.0022	0.021	100		9.39	9.46		C			1							
43214	7.742	0.010	7.251	0.009	*	0.462	0.012	T	0.53	0.01	L *	7.4110	0.0009	0.009	116	*	7.39	7.43		D	08482+0235	I 1	2 C A	AB	266	2.602	0.015	2.65	0.05	S
43215	8.268	0.013	6.669	0.015		1.364	0.016	T	3.02	0.06	O	6.3119	0.0149	0.139	177		6.09	6.51		U 2 C			1 S							S
43216	11.012	0.060	10.535	0.063	A	0.484	0.072	G	0.56	0.08	R *	10.4308	0.0038	0.027	83	*	10.38	10.48		D	08483+4936	H 1	2 C A	AB	0	5.490	0.016	1.70	0.09	G
43217	9.215	0.017	8.642	0.016		0.536	0.021	T	0.61	0.02	L	8.6991	0.0016	0.014	87		8.68	8.72		C			1							S
43218	8.125	0.009	7.988	0.011		0.132	0.013	T	0.15	0.01	L	8.0210	0.0013	0.014	109		8.00	8.06					1							S
43219	11.228	0.079	10.185	0.049	B	0.787	0.020	G	0.82	0.01	H	10.2277	0.1703			B				D	08483+3436	I 2	1 C F D							D
43220	8.652	0.013	8.065	0.012	A	0.564	0.015	G	0.64	0.01	H	8.1655	0.0296	0.024	78	A	8.11	8.19		D	08483+3436	I 2	1 C P D							S D
43221	9.929	0.020	8.268	0.010		1.389	0.018	T	1.36	0.02	L	8.2465	0.0017	0.015	120		8.22	8.28					1							
43222	9.735	0.025	8.477	0.015		1.072	0.023	T	1.04	0.02	L	8.5119	0.0016	0.016	114		8.49	8.54					1							
43223	11.142	0.066	10.335	0.050		0.730	0.063	T	0.78	0.04	L	10.4220	0.0036	0.026	78		10.36	10.47					1							G
43224	9.186	0.014	7.392	0.007	A	1.470	0.014	G	1.48	0.02	H	7.3960	0.0068	0.011	94	A	7.38	7.42		D	08483+0033	I 2	1 C P D							S D
43225	11.269	0.087	10.467	0.066	B	0.726	0.084	T	0.78	0.06	L	10.7933	0.1513			B				D	08483+0033	I 2	1 C I D							D
43226	9.333	0.017	8.200	0.011		0.975	0.016	T	0.96	0.01	L	8.2406	0.0013	0.012	112		8.22	8.27		C			1							
43227	9.463	0.017	8.182	0.011		1.090	0.016	T	1.05	0.02	L	8.2260	0.0013	0.013	111		8.21	8.25					1							
43228	9.920	0.013	8.796	0.009		0.968	0.012	T	1.01	0.01	L	8.8369	0.0015	0.022	263		8.80	8.88					1							
43229	9.240	0.017	9.029	0.019		0.211	0.006	G	0.23	0.01	H	9.0930	0.0041	0.045	131		8.98	9.14		U 2			1							
43230	9.003	0.015	8.513	0.014		0.461	0.019	T	0.53	0.02	L	8.5609	0.0013	0.014	97		8.54	8.58		C			1							S
43231	8.553	0.016	7.194	0.009	*	1.151	0.014	T	1.11	0.01	L *	7.2675	0.0013	0.010	115	*	7.25	7.28		D	08484−6526	I 1	2 C A	AB	178	4.534	0.009	2.93	0.04	S
43232	9.250	0.015	8.640	0.013		0.568	0.017	T	0.64	0.02	L	8.7032	0.0014	0.013	112		8.68	8.72		C			1							
43233						1.296	0.012	G	1.49	0.02	I	10.4377	0.0030	0.025	93		10.39	10.47		C	08484+0628	I 1	1 X S							G
43234	4.323	0.002	4.341	0.003		−0.044	0.007	G	−0.03	0.02	A	4.3465	0.0004	0.004	90		4.34	4.36		C	08484+0550	I 1	1							S
43235	8.495	0.014	7.423	0.010		0.928	0.013	T	0.92	0.01	L	7.4714	0.0010	0.009	85		7.45	7.49		C			1							S
43236	9.854	0.023	9.091	0.019		0.696	0.023	T	0.75	0.02	L	9.1667	0.0016	0.015	108		9.14	9.19		C			1							
43237	9.242	0.015	7.482	0.007		1.477	0.004	G	1.49	0.01	H	7.4437	0.0010	0.010	128		7.42	7.46					1							S
43238	7.614	0.007	7.674	0.010		−0.050	0.015	G	−0.03	0.01	H	7.6964	0.0015	0.014	131		7.68	7.72					1							S
43239	9.132	0.029	8.102	0.016	*	0.897	0.025	T	0.90	0.02	L *	8.2828	0.0011	0.011	119	*	8.27	8.30		D	08485−1803	I 1	2 C A	AB	39	1.725	0.004	1.88	0.02	
43240	7.234	0.006	7.366	0.008		−0.112	0.016	G	−0.10	0.02	H	7.3586	0.0012	0.009	113		7.34	7.37					1							S
43241	8.315	0.010	7.044	0.006		1.082	0.009	T	1.04	0.01	L	7.0945	0.0010	0.009	113		7.08	7.11		C			1							S
43242	8.690	0.012	8.651	0.015		0.041	0.018	T	0.06	0.01	L	8.6805	0.0012	0.013	98		8.66	8.71		D			1							
43243	10.273	0.025	9.128	0.015		1.390	0.020	G	1.36	0.02	H	9.1650	0.0026	0.024	165		9.14	9.21		C			1							
43244	9.082	0.015	7.809	0.009		1.090	0.015	G	1.05	0.02	H	7.8428	0.0013	0.012	119		7.83	7.86		C			1							
43245	8.938	0.013	7.107	0.006		1.555	0.012	T	2.06	0.05	O	6.9824	0.0060	0.040	101		6.91	7.05		U 2 C			1 S							S
43246	7.911	0.008	6.548	0.004		1.142	0.000	G	1.11	0.00	H	6.5812	0.0008	0.008	92		6.57	6.59		C			1							S
43247	9.720	0.022	9.306	0.023		0.391	0.029	T	0.46	0.03	L	9.3709	0.0023	0.021	109		9.33	9.40					1							
43248	8.607	0.010	8.309	0.010		0.283	0.015	T	0.32	0.02	L	8.3572	0.0014	0.015	134		8.33	8.40		C			1							S
43249	9.563	0.017	8.164	0.010		1.183	0.015	T	1.14	0.01	L	8.1944	0.0020	0.015	114		8.17	8.22					1							
43250	9.109	0.017	8.533	0.016		0.538	0.021	T	0.61	0.02	L	8.6075	0.0019	0.020	79		8.58	8.63					1							S
43251	8.775	0.017	6.838	0.008		1.642	0.014	G	2.38	0.05	F	6.6918	0.0079	0.046	54		6.63	6.77		U 2			1 S							S P
43252	8.412	0.011	7.933	0.010	*	0.451	0.014	T	0.52	0.01	L *	7.9930	0.0011	0.010	95	*	7.98	8.02		D	08487+0056	I 1	2 C A	BA	289	0.219	0.025	0.63	0.67	S
43253	8.927	0.011	8.733	0.013		0.186	0.016	T	0.20	0.02	L	8.7906	0.0018	0.016	118		8.76	8.81		C			1							
43254	10.037	0.028	8.373	0.013		1.391	0.024	T	1.36	0.03	L	8.3674	0.0015	0.012	105		8.34	8.39		C			1							
43255	8.609	0.014	8.327	0.015		0.268	0.019	T	0.30	0.02	L	8.3742	0.0012	0.010	97		8.36	8.39		C			1							S
43256	10.255	0.029	8.379	0.011		1.559	0.025	T	1.58	0.03	L	8.3453	0.0016	0.017	120		8.32	8.38		C			1							
43257	7.472	0.006	7.169	0.005		0.275	0.006	G	0.31	0.01	H	7.2175	0.0010	0.011	153		7.20	7.24		C			1							S
43258	8.262	0.008	8.310	0.010		−0.041	0.011	T	−0.02	0.01	L	8.2994	0.0025	0.019	156		8.27	8.33					1							
43259	11.911	0.151	10.194	0.046		1.433	0.125	T	1.42	0.20	L	10.1792	0.0029	0.026	111		10.13	10.22		C			1							
43260	8.226	0.010	7.893	0.012		0.383	0.017	G	0.53	0.02	A	7.9232	0.0013	0.016	129		7.89	7.95		M			1							S
43261	8.752	0.014	8.566	0.016		0.136	0.002	G	0.15	0.00	H	8.6192	0.0016	0.014	110		8.60	8.64		C			1							
43262	9.393	0.027	7.985	0.016		1.190	0.025	T	1.15	0.02	L	8.0356	0.0012	0.009	64		8.02	8.05		C			1							S
43263	9.797	0.023	8.331	0.013		1.235	0.021	T	1.19	0.02	L	8.3567	0.0013	0.010	81		8.34	8.38		C			1							
43264	9.848	0.022	9.589	0.025		0.247	0.031	T	0.28	0.04	L	9.5773	0.0026	0.024	124		9.53	9.61					1							
43265	11.042	0.048	10.460	0.044	B	0.544	0.058	T	0.62	0.05	L	10.6014	0.0254			B				D	08489+7201	I 2	1 C I B							
43266	6.058	0.002	6.181	0.003		−0.106	0.003	T	−0.09	0.00	L	6.1709	0.0005	0.007	262		6.16	6.18					1							S
43267	10.152	0.020	9.387	0.017		0.682	0.020	T	0.74	0.02	L	9.4381	0.0020	0.022	204		9.40	9.48		C			1							
43268	10.081	0.031	8.858	0.019		1.045	0.028	T	1.02	0.02	L	8.9220	0.0021	0.016	83		8.89	8.95		C			1							
43269	9.411	0.016	9.130	0.018		0.266	0.025	T	0.30	0.03	L	9.1707	0.0018	0.020	123		9.14	9.21					1							S
43270	9.671	0.015	8.356	0.009	A	1.117	0.013	T	1.08	0.01	L	8.4251	0.0051	0.021	173	A	8.38	8.46		D	08489+7201	I 2	1 C P B							
43271	8.202	0.009	7.674	0.008		0.495	0.011	T	0.57	0.01	L	7.7336	0.0012	0.011	112		7.71	7.75		C			1							S
43272	8.318	0.008	7.144	0.006	*	1.007	0.008	T	0.98	0.01	L *	7.2034	0.0011	0.010	162	*	7.18	7.22		D	08489−3858	H 1	2 C A	AB	77	0.333	0.018	2.84	0.19	S
43273	9.294	0.012	8.677	0.011		0.574	0.014	T	0.65	0.01	L	8.7489	0.0016	0.019	154		8.71	8.79					1							S
43274						1.360	0.015	G	1.59	0.03	I	11.0773	0.0057	0.038	88		10.99	11.14		C			1							G
43275	10.815	0.048	9.460	0.024		1.148	0.042	T	1.11	0.04	L	9.5568	0.0015	0.017	115		9.52	9.59		C			1							
43276	9.455	0.015	8.840	0.013		0.573	0.017	T	0.65	0.02	L	8.9211	0.0020	0.017	128		8.89	8.95					1							
43277	8.450	0.009	8.372	0.011		0.077	0.013	T	0.09	0.01	L	8.4063	0.0014	0.013	118		8.38	8.43		C			1							
43278	9.449	0.017	8.233	0.011		1.039	0.016	T	1.01	0.01	L	8.2786	0.0014	0.016	116		8.26	8.32					1							S
43279	7.334	0.006	7.246	0.007	*	0.064	0.004	G	0.07	0.00	H *	7.2966	0.0014	0.012	117	*	7.28	7.32		D	08490+3821	I 1	2 C A	AB	41	9.011	0.005	2.10	0.02	S
43280	10.116	0.030	8.162	0.012		1.621	0.026	T	1.64	0.03	L	8.0936	0.0022	0.019	91		8.06	8.12		U			1							S
43281	8.155	0.008	8.180	0.010		−0.019	0.002	G	0.00	0.00	H	8.1935	0.0013	0.015	144		8.17	8.22					1							
43282	7.324	0.004	7.421	0.007		−0.065	0.015	G	−0.04	0.01	H	7.4114	0.0009	0.009	155		7.40	7.43		C			1							S
43283											T	10.9737	0.0621	0.558	118		9.61	11.64		D	08491−0514	I 2	S							G
43284	9.102	0.012	7.938	0.008		1.088	0.197	G	0.98	0.01	L	7.9876	0.0016	0.015	138		7.96	8.02		D	08491−0514	I 2	1							
43285	7.162	0.005	7.292	0.006		−0.134	0.006	G	−0.13	0.01	H	7.2830	0.0009	0.010	124		7.27	7.30		C			1							S
43286	9.949	0.025	8.614	0.015		1.132	0.023	T	1.10	0.02	L	8.6145	0.0013	0.014	129		8.59	8.64		C			1							
43287	9.179	0.011	8.457	0.009		0.649	0.011	T	0.71	0.01	L	8.5152	0.0020	0.018	184		8.49	8.54					1							
43288	9.288	0.016	8.805	0.016		0.455	0.021	T	0.52	0.02	L	8.8556	0.0014	0.013	103		8.84	8.88		C			1							
43289	10.150	0.023	8.449	0.011		1.420	0.020	T	1.40	0.03	L	8.4571	0.0018	0.017	133		8.43	8.50		C			1 S							
43290	8.642	0.010	7.917	0.009		0.651	0.010	T	0.71	0.01	L	7.9684	0.0022	0.024	145		7.94	8.00		U 2			1							
43291	8.709	0.012	8.284	0.012		0.403	0.015	G	0.47	0.02	H	8.3420	0.0013	0.012	99		8.32	8.37		C			1							S
43292	9.778	0.026	8.794	0.018		0.862	0.024	T	0.87	0.02	L	8.8463	0.0019	0.016	126		8.82	8.87					1							
43293	10.249	0.021	8.899	0.011		1.144	0.019	T	1.11	0.02	L	8.9409	0.0018	0.022	164		8.90	8.97					1							
43294	9.664	0.015	8.971	0.013		0.627	0.015	T	0.69	0.01	L	9.0455	0.0025	0.025	160		9.02	9.09					1							
43295	9.275	0.017	9.251	0.023		0.050	0.020	G	0.06	0.02	H	9.2666	0.0018	0.018	107		9.23	9.29		C			1							
43296						1.588	0.082	G	2.57	0.19	I	11.2422	0.0052	0.050	130		11.16	11.32					1							G
43297	8.299	0.011	7.525	0.008		0.689	0.010	T	0.75	0.01	L	7.5850	0.0013	0.010	109		7.57	7.61					1							S
43298	8.998	0.015	7.888	0.010		0.957	0.014	T	0.94	0.01	L	7.9310	0.0013	0.013	124		7.91	7.95					1							
43299	7.910	0.012	7.338	0.008		0.536	0.015	G	0.61	0.02	H	7.3835	0.0017	0.011	96		7.36	7.40					1							S
43300	8.678	0.011	8.206	0.010		0.457	0.012	T	0.53	0.01	L	8.2661	0.0014	0.014	126		8.24	8.30					1							

HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α (ICRS) deg (8)	δ deg (9)	(10)	π mas (11)	$\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	$\alpha*$ mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	$\delta/\alpha*$ (19)	$\pi/\alpha*$ (20)	π/δ (21)	$\mu_{\alpha*}/\alpha*$ (22)	$\mu_{\alpha*}/\delta$ (23)	$\mu_{\alpha*}/\pi$ (24)	$\mu_\delta/\alpha*$ (25)	μ_δ/δ (26)	μ_δ/π (27)	$\mu_\delta/\mu_{\alpha*}$ (28)	F1 % (29)	F2 (30)
43301	H	08 49 17.80	−26 25 27.9	8.24		H	132.324 148 30	−26.424 411 62	A	1.66	−0.24	−7.31	1.47	1.56	2.10	1.62	1.40	−24	+14	+16	−36	−9	−10	−5	+11	+13	−30	1	−0.61
43302		08 49 20.27	+49 27 22.8	10.22		G	132.334 473 36	+49.456 344 45		6.90	83.11	−268.01	1.83	1.38	2.06	2.03	1.21	−31	+16	+5	−6	+26	−5	+43	−51	+0	+25	0	0.82
43303		08 49 21.27	−43 22 14.5	7.48		H	132.338 614 63	−43.370 681 61		2.91	−8.32	5.19	0.49	0.49	0.64	0.54	0.48	+0	−4	+22	+2	−1	−12	+1	−13	+4	−3	0	0.59
43304		08 49 21.37	+03 41 02.3	7.96		H	132.339 030 29	+03.683 981 72		30.16	−273.85	6.19	0.87	0.57	1.20	1.22	0.77	+3	+3	−36	+30	+33	−37	+20	+54	−40	+16	0	0.61
43305		08 49 21.74	−03 26 34.7	5.30		H	132.340 573 58	−03.442 970 63		7.45	−19.57	−21.70	0.64	0.38	0.74	0.74	0.42	−4	+14	−8	−20	−27	−22	−18	+18	+9	−33	0	1.17
43306		08 49 21.82	+05 43 02.7	8.41		H	132.340 926 04	+05.717 412 71		5.62	47.01	19.80	0.92	0.61	1.23	1.24	0.80	−19	+24	−26	+4	+15	−31	+4	+48	−20	−11	0	0.87
43307		08 49 21.87	−50 18 26.9	8.09		H	132.341 137 31	−50.307 465 30		1.39	3.11	−5.87	0.64	0.61	0.74	0.81	0.69	−9	−10	+4	−20	+6	−12	+6	−18	−2	−5	0	−1.78
43308		08 49 22.13	−07 56 31.4	8.87	2	H	132.342 199 31	−07.942 052 73		0.00	−5.23	7.41	0.95	0.66	1.22	1.11	0.72	−18	+22	−11	−21	−17	−26	−13	+10	+3	−37	0	0.77
43309		08 49 22.33	−10 53 03.9	7.13		H	132.343 042 56	−10.884 429 03		4.13	−12.59	40.66	0.73	0.46	0.94	0.89	0.49	−13	+32	−9	−17	−11	−22	−6	+7	+4	−27	0	−0.80
43310		08 49 22.81	−32 23 02.0	9.94		G	132.345 040 89	−32.383 883 26		28.89	−63.29	−383.95	0.78	1.07	1.55	0.91	1.20	+19	+3	+10	−13	+9	+10	+8	−10	+18	+22	0	0.49
43311		08 49 23.89	+50 40 25.9	8.39		G	132.349 529 56	+50.673 865 38		11.28	−55.57	5.47	1.06	0.63	1.07	1.25	0.62	−4	+16	−18	−29	+4	−7	+2	−26	+4	+19	0	−0.90
43312		08 49 24.58	−40 56 10.8	8.53		H	132.352 413 63	−40.936 341 48		1.23	4.80	6.34	0.63	0.67	0.88	0.70	0.70	+9	+9	+12	+6	+2	+15	+0	−18	+16	+6	0	−1.35
43313		08 49 25.01	−32 31 50.4	10.80		G	132.354 195 35	−32.530 668 14		30.65	−257.57	−186.07	1.01	1.37	2.01	1.19	1.51	+22	−3	+8	−13	+8	+9	+5	−10	+14	+26	1	1.22
43314		08 49 25.70	−60 37 13.7	8.66		H	132.357 074 98	−60.620 459 06		3.51	−8.66	6.44	0.62	0.62	0.70	0.63	0.63	+5	−5	−8	+3	−6	+7	−11	−21	+16	−17	0	0.10
43315		08 49 27.08	−11 01 08.6	7.39		H	132.362 843 22	−11.019 063 02		1.23	−20.95	14.33	0.78	0.50	1.01	0.98	0.55	−15	+35	−10	−11	−13	−23	−9	+13	+2	−27	0	−0.76
43316		08 49 27.27	−30 56 01.6	7.86		H	132.363 622 67	−30.933 786 52		11.49	−100.51	−38.86	0.59	0.65	0.96	0.70	0.79	+10	+10	+7	+42	−7	+9	−14	+2	−2	+12	0	3.03
43317	H	08 49 29.13	+08 51 52.8	7.70		G	132.371 375 94	+08.864 680 46	*	6.33	−25.99	2.33	2.33	1.18	1.28	1.50	0.94	−33	−3	−35	+8	+33	−38	+13	+23	−12	−10	1	0.42
43318		08 49 29.70	−48 20 32.2	8.31		G	132.373 769 77	−48.342 274 35		2.94	−15.26	12.90	0.63	0.58	0.72	0.68	0.67	+13	−8	−5	−22	−7	+10	−8	−18	+12	+9	0	−0.28
43319		08 49 29.73	−66 06 13.2	9.60		H	132.373 873 58	−66.103 678 62		8.85	−22.58	28.12	0.83	0.78	0.87	1.01	0.81	+1	+11	+16	−10	+8	−11	+8	−16	+5	−16	0	1.68
43320		08 49 30.60	−32 06 12.7	9.26		H	132.377 499 18	−32.103 538 70		2.19	−1.55	3.21	0.65	0.88	1.27	0.71	1.06	+25	+13	+6	−15	+2	+14	+5	−16	+23	+31	0	2.32
43321		08 49 34.69	−36 57 44.9	7.70		G	132.394 546 04	−36.962 460 37		6.03	−36.62	23.62	0.46	0.55	0.70	0.47	0.56	+13	+2	−1	−3	−8	+12	−8	−11	+12	+5	0	0.14
43322		08 49 35.56	−08 36 54.2	8.26		G	132.398 161 84	−08.615 055 79		3.37	−19.25	−0.85	0.89	0.53	1.04	1.06	0.59	−8	+21	−1	−28	−24	−25	−13	+14	+4	−34	0	−0.51
43323		08 49 36.98	+01 28 56.9	7.03		G	132.404 098 79	+01.482 460 16		4.27	0.67	−3.22	0.71	0.50	0.98	0.92	0.71	−18	+17	−29	+20	+0	−18	−8	+60	−35	−11	0	0.59
43324		08 49 37.61	−62 30 29.8	7.42		G	132.406 721 31	−62.508 273 84		11.40	37.91	−44.28	0.49	0.49	0.58	0.46	0.45	+8	+0	+11	−16	−22	−21	−21	−20	+3	−15	0	2.39
43325		08 49 39.17	−40 19 12.6	5.47		H	132.413 195 15	−40.320 155 99		2.05	−9.76	−0.76	0.38	0.41	0.52	0.45	0.45	+13	−2	−3	−5	+4	+14	+3	−29	+13	+11	0	−1.13
*43326		08 49 40.28	−42 49 24.6	7.47		G	132.417 834 57	−42.823 486 72		2.42	−13.65	7.63	0.54	0.54	0.71	0.66	0.54	+0	+15	+16	−15	+0	−22	+4	−8	+3	−9	1	0.12
*43327		08 49 39.61	−63 10 55.1	7.14		H	132.415 020 99	−63.181 958 66		5.40	−4.80	3.25	0.49	0.49	0.55	0.48	0.50	+5	+14	+9	−22	−20	−17	−18	−19	+6	−21	0	1.50
*43328		08 49 39.94	−14 01 54.1	8.41		H	132.416 415 95	−14.031 707 48		3.06	−8.49	−0.30	0.79	0.54	0.98	1.00	0.57	−5	+9	+8	−9	−34	−22	−23	+19	+12	−28	0	−1.80
*43329		08 49 39.38	−42 49 07.0	8.86		H																							
43330		08 49 40.50	−08 38 16.8	6.82		H	132.418 768 51	−08.637 994 20		11.86	4.91	−52.53	0.71	0.41	0.83	0.83	0.44	−6	+25	−9	−31	−17	−28	−10	+7	+5	−27	0	0.19
43331		08 49 40.66	−34 50 59.8	8.87		H	132.419 396 61	−34.849 941 93		4.44	12.92	−14.08	0.68	0.65	0.92	0.68	0.63	+12	+4	+1	−15	+7	−5	+6	−11	+7	+14	3	0.18
43332		08 49 41.21	+64 15 53.1	7.09		H	132.421 721 92	+64.264 760 59		3.72	−10.75	1.86	0.55	0.49	0.76	0.61	0.55	−1	+11	−16	+23	−12	+7	−10	+17	+0	+15	1	−0.38
43333		08 49 41.37	−12 27 14.2	8.11		H	132.422 370 52	−12.453 949 43		4.80	−14.49	−0.82	0.76	0.53	1.04	0.91	0.56	−13	+28	+2	−4	−26	−19	−16	+29	+6	−32	0	0.32
43334		08 49 42.40	−28 15 21.3	7.45		G	132.426 667 20	−28.255 925 45		4.50	−24.33	4.13	0.44	0.48	0.69	0.47	0.51	−10	−7	+8	+15	−10	+7	−10	+17	−4	−21	0	2.16
43335		08 49 43.00	+49 27 15.8	9.69		H	132.429 146 89	+49.454 390 66		4.04	−16.12	−34.13	1.51	1.05	1.68	1.80	1.02	−20	+28	−15	+0	+26	−14	+38	−36	+7	+37	0	0.78
43336		08 49 43.06	−05 41 40.0	7.15		H	132.429 426 61	−05.694 435 58		2.15	0.55	−6.22	0.79	0.44	0.93	0.82	0.46	−4	+33	−4	−24	−30	−11	−17	+6	+11	−32	1	−0.44
43337		08 49 44.68	+44 58 40.2	7.97		G	132.436 147 65	+44.977 837 89		5.74	−59.67	−21.07	0.88	0.67	1.00	0.93	0.75	−26	+27	−20	−10	+1	−12	−5	−11	−12	−28	0	0.14
43338		08 49 44.94	−21 02 53.9	6.48		H	132.437 247 27	−21.048 302 72		12.47	4.84	−56.61	0.61	0.45	0.80	0.69	0.47	+0	+7	−8	+12	−11	+1	−7	+34	+4	−12	2	0.28
43339		08 49 45.15	+51 29 14.4	9.35		H	132.438 116 33	+51.487 331 44		4.41	−21.95	−24.97	1.23	0.89	1.41	1.73	0.95	+13	−18	−22	+7	+9	−7	+10	−18	+5	+36	0	1.33
43340		08 49 45.32	+29 26 56.2	7.38		H	132.438 827 37	+29.448 953 26		3.91	−11.81	−28.55	0.79	0.55	0.91	1.03	0.89	−27	+16	+0	−5	−10	−32	−5	+38	+7	−36	0	−0.45
43341		08 49 45.39	−32 52 06.1	8.01		H	132.439 145 62	−32.868 371 16		2.30	−12.03	9.30	0.63	0.73	1.08	0.70	0.77	+20	−9	−3	−10	+2	+2	+1	−14	+4	+24	0	
43342	H	08 49 45.47	−54 01 18.1	8.92		H	132.439 464 57	−54.021 685 15	A	2.08	−6.46	9.29	1.35	1.39	1.36	1.50	1.36	−4	+6	+7	+5	−7	−2	−8	+5	−13	−4	2	1.48
43343		08 49 46.02	+13 57 15.3	9.32		H	132.441 751 77	+13.954 248 77		6.08	−3.52	−13.46	1.30	0.92	1.64	1.58	1.26	−28	+15	−22	−21	+8	−32	+4	+21	−23	−31	0	1.13
43344		08 49 47.12	+31 12 33.4	9.45		H																							
43345		08 49 47.30	+44 42 15.5	7.95		H	132.447 083 60	+44.704 296 72		5.71	−7.53	−11.34	0.83	0.61	0.97	0.92	0.71	−26	+20	−17	−12	+4	−12	−1	−14	−15	−27	0	0.80
43346		08 49 47.48	−41 44 35.4	7.90		G	132.447 836 14	−41.743 168 75		2.48	−6.21	4.93	0.50	0.53	0.66	0.57	0.57	+10	+5	+4	+13	−2	+8	−2	−10	+1	+7	0	0.14
43347		08 49 47.65	−45 18 28.5	4.94		H	132.448 534 66	−45.307 909 77		3.94	−12.39	14.42	0.46	0.43	0.57	0.60	0.46	+12	−2	+27	−2	+2	+11	−2	−11	−9	+0	0	−0.81
43348		08 49 47.83	+31 12 38.8	9.41		H	132.449 311 16	+31.210 785 83		6.21	−19.02	−41.74	1.65	0.96	1.74	2.28	1.57	−4	+24	−2	+23	+23	−5	+20	+33	−19	+4	0	1.53
43349		08 49 48.71	+07 32 17.8	9.11		G	132.452 953 04	+07.538 272 62		3.98	−3.11	−5.21	1.70	0.88	1.82	1.78	1.01	−17	+53	−37	+0	+23	−9	+22	+27	+7	−1	0	−2.10
43350		08 49 48.75	+07 00 53.2	6.67		H	132.453 139 39	+07.014 783 64		11.56	8.23	−6.25	0.80	0.50	0.93	0.95	0.61	−20	+43	−23	−6	+7	−17	+4	+35	+4	−11	0	−0.24
43351		08 49 50.14	−72 33 04.5	6.10		H	132.458 907 66	−72.551 259 50		1.03	−6.36	8.07	0.46	0.46	0.50	0.53	0.43	+7	+9	+22	+5	−1	+8	−1	−21	+14	+9	0	2.51
43352		08 49 51.50	−32 46 49.5	5.19		H	132.464 587 55	−32.780 407 97		14.26	−1.86	−48.22	0.72	0.89	1.25	0.80	0.96	+18	−4	+4	−8	+5	+2	+4	−10	+6	+22	0	
43353		08 49 52.11	+33 43 12.2	7.38		H	132.467 145 63	+33.720 060 22		5.77	−14.48	−8.94	0.84	0.56	0.94	1.15	0.81	−24	+8	+7	+20	−3	−17	−2	+18	−5	−31	2	1.54
43354		08 49 52.40	−39 08 30.1	6.38		H	132.468 331 18	−39.141 703 26		12.82	−63.91	41.13	0.40	0.48	0.58	0.42	0.49	+8	+1	+5	−14	+2	+17	+0	−31	+8	+1	0	−0.63
43355		08 49 53.17	−01 41 11.4	9.25		H	132.471 536 12	−01.686 498 82		2.01	−5.93	0.21	1.23	0.73	1.34	1.46	0.95	−4	+24	−10	−39	−22	−34	−16	+52	−11	−17	2	1.20
43356		08 49 53.71	−19 12 56.5	9.06		H	132.473 771 05	−19.215 685 88		5.17	−1.88	−17.23	0.93	0.73	1.18	1.05	0.77	−34	+5	+1	+53	−20	−20	−25	+37	+4	−48	0	1.13
43357		08 49 54.34	+02 21 46.5	7.24		H	132.476 399 84	+02.362 916 30		9.31	−6.96	−92.61	0.76	0.51	0.96	1.10	0.67	−3	+16	−27	+20	+25	−21	+13	+44	−29	+13	0	1.88
43358		08 49 55.70	−36 36 58.3	7.15		H	132.482 086 04	−36.616 184 79		23.77	−110.65	26.97	0.42	0.48	0.66	0.45	0.52	+12	+1	−7	+0	−6	+20	−5	−7	+21	+7	0	−1.81
43359	T	08 49 55.87	+14 50 00.2	7.67		G	132.482 778 23	+14.833 376 36	A	−4.04	−17.61	0.49	4.57	2.28	3.39	4.21	2.60	−26	+47	−32	−39	+7	+7	+2	−6	−10	−16	15	1.23
43360	T	08 49 56.82	+14 49 51.2	8.56		G	132.486 753 18	+14.830 883 87	B	−10.76	−13.46	7.99	19.17	11.37	9.38	14.63	8.89	−29	+49	−31	−34	+7	+7	+2	+1	−9	−15	15	1.23
43361		08 49 57.29	+61 14 59.8	8.31		H	132.488 688 25	+61.249 952 56		5.72	39.15	−15.46	0.58	0.68	1.02	0.61	0.73	−15	+10	+3	+56	−13	+5	−9	+38	+11	+0	0	−0.84
43362		08 49 57.47	+06 32 50.0	6.94		G	132.489 450 19	+06.547 222 75		4.67	−20.99	−20.04	0.79	0.54	1.00	1.09	0.62	−20	+33	−39	−3	+26	−36	+7	+38	−11	+2	0	0.88
43363		08 49 57.92	−09 47 47.0	9.73		H	132.491 314 11	−09.796 375 17		25.10	−103.95	−10.48	1.16	0.75	1.38	1.47	0.83	−19	+19	−19	−16	−14	−8	−6	−3	+14	−40	0	0.58
43364	H	08 49 58.67	−24 34 47.0	8.61		H	132.494 460 94	−24.579 721 82	*	3.65	−8.29	6.31	1.22	0.99	1.11	0.88	0.76	−17	+6	−15	+19	−10	+11	−9	+18	+9	−9	1	−0.60
43365		08 49 58.78	−23 57 09.6	8.14		H	132.494 921 38	−23.952 669 90		4.43	−32.58	−3.75	0.59	0.55	0.83	0.61	0.57	−9	+6	−7	+38	−10	+9	−12	+17	+1	−18	1	1.02
43366		08 49 59.69	−17 14 22.0	8.84		H	132.498 704 52	−17.239 436 81		0.83	−1.01	−21.92	0.99	0.68	1.26	1.16	0.67	−24	+5	−9	+34	−13	−13	−16	+28	+0	−36	0	−1.30
43367	H	08 49 59.87	+39 35 23.4	8.42		H	132.499 468 89	+39.589 833 06	B	6.07	75.37	−9.34	2.83	1.97	2.37	2.34	2.01	+6	+8	−6	−18	−11	−14	−8	+14	+3	−55	4	1.23
43368		08 50 01.01	+35 22 47.7	8.40		H	132.504 215 27	+35.379 903 70		7.51	−65.25	−95.67	1.10	0.66	1.22	1.46	0.77	−19	+22	−14	−6	−4	−3	−6	−2	−14	−15	0	1.08
43369		08 50 01.86	+08 16 26.7	8.09		H	132.507 753 98	+08.274 087 68		1.98	9.37	−14.56	1.01	0.71	1.21	1.36	0.80	−27	+30	−43	−13	+24	−19	+14	+16	+5	−8	0	0.94
43370		08 50 02.24	−29 27 46.8	5.86		H	132.509 340 24	−29.463 010 21		3.47	−15.79	5.43	0.39	0.41	0.63	0.47	0.43	+13	−2	+9	−7	+3	+12	+1	−8	+0	−2	2	2.19
43371		08 50 02.49	−45 41 41.6	9.50		H	132.510 387 05	−45.694 897 24		15.14	−17.98	−2.08	1.06	0.93	1.23	1.54	1.23	+1	−9	+8	−25	+3	+11	+4	−10	+0	−12	0	1.63
43372		08 50 05.09	+44 58 22.5	8.96		H	132.521 194 79	+44.972 915 71		1.75	−5.43	0.53	1.10	0.72	1.23	1.23	0.93	−31	+30	−19	−26	+7	−3	−1	−10	−22	−28	0	−0.32
43373		08 50 06.01	+54 43 21.2	9.47		H	132.525 026 32	+54.722 565 24		0.19	−1.08	−0.60	1.23	0.91	1.42	1.74	1.16	−1	+24	−12	−1	−3	+1	−9	−21	−10	−23	4	2.07
43374		08 50 07.03	−56 09 57.4	9.20		H	132.529 289 92	−56.165 957 02		13.48	45.47	17.16	0.77	0.67	0.79	0.77	0.71	−3	+8	+3	+7	−7	+1	−9	−4	−1	−17	0	−0.26
*43375		08 50 07.42	+61 49 59.6	7.79		H	132.530 925 78	+61.833 218 51		4.33	−12.43	28.42	0.52	0.61	0.91	0.52	0.65	−17	+11	+6	+46	−13	−4	−8	+16	+1	−2	1	−0.20
*43376	H	08 50 07.36	+56 12 23.7	9.02		H	132.530 675 87	+56.206 580 58	A	8.31	−8.05	0.44	2.03	1.98	2.62	1.94	1.68	+1	+9	−19	−49	−3	+0	−3	−30	+16	+4	1	2.00
43377		08 50 09.02	−34 13 47.0	8.27		H	132.537 576 28	−34.229 721 72		2.14	−13.00	7.74	0.54	0.60	0.86	0.57	0.57	+11	−2	−2	−9	+16	+11	+13	−11	+23	+23	0	0.16
43378		08 50 09.88	+26 21 15.8	8.46		H	132.541 164 38	+26.354 400 40		2.11	2.56	−16.05	1.15	0.64	1.38	1.59	1.11	−2	+1	−23	+14	+13	−41	+13	+47	−36	−1	0	0.13
43379		08 50 10.05	−50 35 28.5	8.01		G	132.541 888 97	−50.591 240 98		6.47	−34.31	18.89	0.60	0.59	0.71	0.77	0.64	−3	−1	+8	−8	+10	−7	+9	−18	+6	+3	0	−0.02
43380		08 50 10.24	−49 55 28.9	7.55	1	H	132.542 683 01	−49.924 680 57		3.95	−17.34	17.59	0.57	0.54	0.65	0.78	0.61	−3	−5	+2	−10	+8	−13	+7	−21	+6	+3	1	2.27
43381		08 50 10.45	+22 53 23.2	10.14		H	132.543 555 83	+22.889 770 21		9.24	29.53	−62.81	1.45	0.82	1.70	1.84	1.43	−24	+22	−23	−20	+5	−19	+1	+40	−38	−21	0	−0.14
43382		08 50 12.33	+53 50 23.0	9.76		H	132.551 383 98	+53.839 730 48		7.38	−20.05	−27.34	1.18	0.94	1.43	1.45	1.03	−15	+28	−20	+5	+12	−18	+8	−25	−9	+3	0	−0.57
43383		08 50 12.83	−36 40 30.5	7.75		H	132.553 472 81	−36.675 132 96		4.21	−10.55	10.81	0.50	0.57	0.75	0.49	0.59	+13	−5	−6	−6	−9	+18	−9	−7	+14	+2	0	−1.80
43384		08 50 14.34	+24 34 52.9	8.99		H	132.559 746 63	+24.581 368 35		1.89	−15.82	−3.52	1.22	0.59	1.27	1.54	1.00	−19	+8	−9	−30	+21	−6	+20	+22	−34	−16	0	0.10
43385		08 50 15.18	−30 25 00.3	7.68		H	132.563 233 33	−30.416 754 31		7.03	−17.65	−6.31	0.42	0.59	0.85	0.55	0.65	+10	+3	+12	+29	−8	+15	−11	−14	+19	+4	1	0.01
43386		08 50 16.02	−75 39 31.2	8.57	1	H	132.566 748 25	−75.658 655 98		1.80	−11.38	13.86	0.69	0.61	0.72	0.76	0.70	−1	+17	−4	+7	−4	−3	−6	−18	+21	−24	0	0.46
43387		08 50 18.62	+11 24 28.3	8.75		H	132.577 579 62	+11.407 859 83		1.97	−2.04	−5.32	1.14	0.89	1.43	1.35	1.03	−51	+24	−36	−22	+19	−18	+8	+30	−23	−41	0	0.52
43388	H	08 50 18.94	−44 43 16.1	7.50		G	132.578 936 41	−44.721 139 21	A	6.88	−21.71	19.76	0.83	0.74	0.89	0.99	0.79	+17	+23	+25	−1	−6	−1	−5	−4	−3	+6	1	1.50
43389		08 50 19.69	−28 51 39.6	7.69		H	132.582 048 88	−28.860 989 73		1.82	−15.26	1.51	0.50	0.53	0.81	0.59	0.56	+4	−2	+11	−1	+3	+6	+2	−6	−7	−19	0	−0.78
43390		08 50 19.88	+69 21 54.0	9.57		H	132.582 833 28	+69.364 986 86		0.34	0.98	−2.24	0.72	0.92	1.29	0.77	1.01	+20	+11	−22	−2	−10	+3	−8	−13	+11	+28	0	−1.70
43391		08 50 20.46	+87 33 20.3	9.86		H	132.585 237 26	+87.555 645 78		0.66	12.72	−21.62	0.87	0.79	0.97	1.10	0.89	+4	+11	−4	+12	+13	−14	+13	+4	+2	+19	0	−0.07
43392		08 50 21.02	−42 05 23.3	6.00		H	132.587 587 81	−42.089 799 86		1.71	−6.01	3.60	0.41	0.40	0.53	0.47	0.40	+9	−5	+12	+7	+8	+13	+6	−9	−1	+8	0	−2.06
43393		08 50 21.11	−05 32 05.2	9.18		G	132.587 948 14	−05.534 780 28		18.78	−181.54	−513.30	1.35	0.71	1.48	1.50	0.75	+0	+4	−16	−52	−37	+16	−14	+4	+16	−30	0	−1.27
43394		08 50 21.65	−28 37 03.4	6.17		H	132.590 208 78	−28.617 603 08		8.87	−19.80	−6.55	0.38	0.38	0.60	0.42	0.39	−1	−9	+0	+4	−6	+13	−7	−3	−1	−18	2	1.15
43395		08 50 22.48	−38 18 50.0	8.39		G	132.593 675 23	−38.313 890 57		0.17	−4.84	7.92	0.53	0.65	0.80	0.53	0.60	+2	+2	+3	−1	+3	+3	+3	−27	+12	+2	0	−0.65
43396	H	08 50 23.36	−35 55 49.7	6.90		G	132.597 319 99	−35.930 467 44	A	2.15	−9.15	5.77	0.59	0.68	0.79	0.57	0.64	−5	+0	+2	−10	+13	+18	+8	−5	+14	+12	2	−0.03
43397		08 50 24.68	−04 11 50.1	6.92		H	132.602 839 72	−04.197 263 30		5.44	72.60	−132.62	0.68	0.39	0.86	0.78	0.44	−3	+28	+4	−26	−23	−30	−13	+11	+1	−31	0	−1.09
43398		08 50 24.78	−21 08 41.3	7.95		G	132.603 256 04	−21.144 804 69		1.42	−5.85	−1.92	0.77	0.58	0.98	0.85	0.60	−9	+22	+2	+26	−17	−3	−13	+41	+3	−23	2	1.51
43399		08 50 25.01	+64 51 52.3	9.33		H	132.604 220 90	+64.864 537 59		2.00	8.67	−7.41	0.89	0.75	1.27	1.06	0.90	+15	+10	−14	−18	−15	+14	−14	−4	+18	+35	1	−0.46
43400	H	08 50 26.09	−46 14 53.4	8.63		G	132.608 692 78	−46.248 158 39	*	1.95	−14.09	7.77	1.98	2.23	1.04	1.22	1.08	−15	+3	−1	−2	+10	+17	+5	−2	−2	−15	1	−0.53

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
43301	8.131	0.015	8.023	0.015	*	0.098	0.019	T	0.11	0.02	L *	8.2794	0.0015	0.018	191	*	8.25	8.32		D	08493−2625	I 1	2 C A	AB	277	1.554	0.004	0.53	0.02	S
43302	10.962	0.060	10.292	0.052		0.622	0.015	G	0.69	0.01	H	10.3684	0.0030	0.027	81		10.32	10.40					1							
43303	7.351	0.005	7.462	0.006		−0.093	0.005	G	−0.07	0.01	H	7.4535	0.0007	0.009	128		7.44	7.47		C			1							S
43304	8.879	0.013	8.036	0.011		0.746	0.002	G	0.79	0.00	H	8.0963	0.0015	0.013	107		8.07	8.12		C	08494+0341	I 1	1							S
43305	5.189	0.002	5.282	0.002		−0.080	0.003	T	−0.06	0.00	L	5.2749	0.0006	0.005	114		5.27	5.28		C			1							S
43306	9.831	0.041	8.543	0.024		1.096	0.037	T	1.06	0.04	L	8.5806	0.0013	0.010	88		8.56	8.60					1							
43307	9.407	0.018	8.198	0.011		1.040	0.015	G	1.01	0.01	H	8.2565	0.0015	0.014	107		8.24	8.28					1							
43308	11.024	0.052	9.092	0.018		1.638	0.045	T	2.33	0.09	O	8.9139	0.0067	0.066	109		8.84	9.03		U 2			1							P
43309	8.614	0.011	7.254	0.007		1.152	0.010	T	1.11	0.01	L	7.2952	0.0012	0.009	102		7.28	7.31		C			1							S
43310	11.314	0.050	10.032	0.026		1.091	0.004	G	1.16	0.01	I	10.0572	0.0023	0.032	216		10.00	10.12			08494−3223	I 1	1							G
43311	9.054	0.014	8.417	0.013		0.576	0.015	G	0.65	0.01	H	8.5045	0.0010	0.012	89		8.48	8.54		D			1							S
43312	10.536	0.030	8.697	0.011		1.530	0.025	T	1.57	0.05	L	8.6460	0.0018	0.019	158		8.61	8.68		C			1							
43313						1.304	0.009	G	1.50	0.01	I	10.9045	0.0041	0.043	207		10.84	10.97					1							G
43314	8.725	0.010	8.679	0.013		0.047	0.015	T	0.06	0.01	L	8.6836	0.0018	0.014	113		8.66	8.71					1							
43315	9.069	0.013	7.525	0.007		1.297	0.012	T	1.26	0.01	L	7.5445	0.0011	0.010	103		7.53	7.56					1							S
43316	8.384	0.009	7.918	0.009		0.452	0.010	T	0.52	0.01	L	7.9658	0.0015	0.015	158		7.94	7.99		C			1 G							S
43317	8.075	0.010	7.735	0.012	*	0.321	0.015	G	0.37	0.02	H *	7.7771	0.0011	0.010	94	*	7.75	7.80		D	08495+0852	I 1	2 C A	AB	341	0.252	0.006	1.29	0.07	S
43318	9.696	0.019	8.432	0.011		1.100	0.015	G	1.06	0.02	H	8.4704	0.0014	0.015	129		8.45	8.50		C			1							
43319	10.281	0.030	9.646	0.026		0.590	0.034	T	0.66	0.03	L	9.7294	0.0021	0.019	104		9.70	9.76		C			1							G
43320	11.527	0.053	9.474	0.014		1.700	0.044	T	1.72	0.04	L	9.3685	0.0019	0.028	255		9.31	9.42					1 S							G
43321	8.022	0.007	7.720	0.008		0.267	0.015	G	0.30	0.02	H	7.7687	0.0010	0.012	172		7.75	7.79		C			1							S
43322	8.574	0.010	8.273	0.011		0.303	0.015	G	0.35	0.02	H	8.3325	0.0013	0.012	117		8.31	8.35		C			1							S
43323	7.052	0.004	7.019	0.005		0.020	0.002	G	0.04	0.00	H	7.0399	0.0007	0.008	112		7.03	7.06		C			1							S
43324	7.944	0.008	7.482	0.007		0.465	0.007	G	0.54	0.01	H	7.5260	0.0011	0.009	115		7.51	7.55					1							S
43325	5.561	0.002	5.481	0.002		0.066	0.002	G	0.08	0.00	H	5.5014	0.0004	0.005	156		5.49	5.51		C			1							S
43326	7.289	0.005	7.438	0.007		−0.139	0.005	G	−0.13	0.01	H	7.4237	0.0015	0.013	111		7.40	7.45		D	08497−4249	I 2	1 S							S
43327	8.511	0.010	7.262	0.007		1.065	0.010	T	1.03	0.01	L	7.3033	0.0010	0.008	120		7.29	7.32		C			1							S
43328	8.547	0.013	8.424	0.015		0.119	0.019	T	0.13	0.02	L	8.4560	0.0011	0.010	93		8.44	8.48					1							
43329						0.070	0.139	G	0.08	0.15	R	8.8907	0.1325	0.815	106		7.68	10.20		D	08497−4249	I 2	S							G
43330	7.095	0.006	6.839	0.007		0.244	0.009	T	0.27	0.01	L	6.8911	0.0007	0.007	111		6.88	6.90					1							S
43331	10.551	0.027	9.000	0.012		1.302	0.023	T	1.26	0.02	L	9.0215	0.0017	0.022	158		8.98	9.07		C			1							
43332	8.746	0.010	7.218	0.006		1.284	0.009	T	1.24	0.01	L	7.2451	0.0011	0.010	141		7.23	7.27		C			1							S
43333	8.174	0.009	8.112	0.011		0.056	0.013	T	0.07	0.01	L	8.1344	0.0016	0.014	100		8.12	8.16					1							S
43334	7.458	0.006	7.454	0.007		0.016	0.002	G	0.04	0.00	H	7.4602	0.0009	0.011	166		7.44	7.49					1							S
43335	10.311	0.036	9.731	0.035		0.542	0.044	T	0.62	0.05	L	9.8036	0.0037	0.021	86		9.77	9.84					1							
43336	8.262	0.009	7.254	0.006		0.880	0.008	T	0.89	0.01	L	7.3104	0.0009	0.010	119		7.29	7.33		C			1							S
43337	8.581	0.011	8.031	0.010		0.528	0.015	G	0.60	0.02	H	8.0846	0.0013	0.011	85		8.06	8.12					1							S
43338	6.778	0.005	6.509	0.005		0.256	0.007	T	0.29	0.01	L	6.5487	0.0008	0.007	104		6.54	6.56					1							S
43339	9.866	0.027	9.393	0.027		0.446	0.035	T	0.52	0.04	L	9.4489	0.0020	0.025	80		9.40	9.48		C			1							
43340	8.875	0.015	7.500	0.009		1.164	0.014	T	1.13	0.01	L	7.5490	0.0012	0.008	89		7.53	7.57					1							S
43341	7.934	0.005	7.992	0.008		−0.050	0.015	G	−0.03	0.01	H	7.9970	0.0011	0.014	205		7.97	8.02		C			1 X							S
43342	8.957	0.015	8.834	0.020	*	0.119	0.023	T	0.13	0.02	L *	8.9701	0.0019	0.018	125	*	8.94	9.01		D	08498−5401	I 1	2 C A	AB	256	5.372	0.005	0.75	0.02	
43343	9.692	0.027	9.372	0.030		0.304	0.038	T	0.35	0.05	L	9.3955	0.0034	0.018	60		9.36	9.43					1							
43344											T	9.5871	0.0074	0.079	77		9.52	10.13		D	08498+3113	I 2	S							G
43345	8.078	0.010	7.967	0.012		0.108	0.015	T	0.12	0.02	L	7.9927	0.0016	0.012	89		7.97	8.02		C			1							S
43346	7.822	0.008	7.879	0.010		−0.033	0.000	G	−0.01	0.00	H	7.8945	0.0014	0.013	139		7.87	7.92					1							S
43347	4.988	0.002	4.947	0.002		0.043	0.003	T	0.06	0.00	L	4.9627	0.0004	0.005	120		4.95	4.97		C			1							S
43348	10.205	0.035	9.431	0.028		0.706	0.126	G	0.73	0.05	L	9.5436	0.0029	0.025	78		9.49	9.58		D	08498+3113	I 2	1 S							
43349	9.367	0.020	9.182	0.024		0.180	0.020	G	0.20	0.02	H	9.1847	0.0027	0.017	68		9.16	9.22		C			1							
43350	8.054	0.010	6.805	0.008		1.065	0.010	T	1.03	0.01	L	6.8389	0.0010	0.007	81		6.83	6.85		C			1							S
43351	6.332	0.004	6.131	0.004		0.185	0.006	T	0.20	0.01	L	6.1637	0.0005	0.005	100		6.15	6.17		D			1							S
43352	6.297	0.003	5.294	0.002		0.876	0.001	G	0.90	0.04	E	5.3510	0.0005	0.006	192		5.34	5.36					1 X							S
43353	8.497	0.013	7.465	0.009		0.898	0.012	T	0.90	0.01	L	7.5345	0.0014	0.010	78		7.52	7.55		C			1							S
43354	6.669	0.003	6.407	0.004		0.249	0.005	T	0.28	0.01	L	6.4460	0.0009	0.009	161		6.43	6.46					1							S P
43355	10.612	0.036	9.392	0.021		1.043	0.033	T	1.01	0.03	L	9.4207	0.0023	0.019	96		9.39	9.45		C			1							
43356	9.704	0.019	9.108	0.017		0.556	0.019	T	0.63	0.02	L	9.1770	0.0012	0.013	106		9.15	9.21					1							
43357	8.418	0.011	7.346	0.007		0.928	0.010	T	0.92	0.01	L	7.3988	0.0011	0.011	104		7.38	7.42					1							S
43358	7.723	0.005	7.196	0.005		0.503	0.005	T	0.58	0.01	L	7.2588	0.0007	0.009	169		7.24	7.28		C			1							S
43359	8.128	0.011	7.641	0.011	A	0.450	0.005	G	0.52	0.01	H	7.7494	0.0333	0.099	48	A	7.57	7.87		D	08499+1450	I 2	1 C P A							S
43360	9.023	0.027	8.508	0.025	B	0.477	0.002	G	0.55	0.00	H	8.9037	0.0574			B				D	08499+1450	I 2	1 C I A							
43361	8.677	0.009	8.349	0.010		0.311	0.013	T	0.36	0.02	L	8.3894	0.0013	0.015	178		8.36	8.42					1							S
43362	6.949	0.006	6.940	0.006		0.011	0.002	G	0.03	0.00	H	6.9486	0.0009	0.009	84		6.93	6.96		C			1							S
43363	11.284	0.075	9.886	0.034		1.070	0.015	G	1.13	0.02	I	9.8594	0.0021	0.022	101		9.82	9.90		C			1							
43364	8.689	0.010	8.615	0.013	*	0.067	0.014	T	0.08	0.01	L *	8.6339	0.0014	0.014	131	*	8.61	8.66		D	08500−2435	H 1	2 C A	AB	209	0.249	0.003	0.17	0.06	
43365	9.573	0.016	8.254	0.010		1.120	0.015	T	1.08	0.02	L	8.3071	0.0011	0.012	125		8.29	8.33					1							
43366	10.610	0.042	8.968	0.018		1.374	0.036	T	1.34	0.04	L	8.9929	0.0022	0.020	110		8.95	9.02					1							
43367	9.360	0.019	8.665	0.017	*	0.641	0.021	T	0.71	0.02	L *	8.5543	0.0015	0.014	107	*	8.53	8.58		D	08500+3935	I 1	2 C A	BA	89	1.308	0.004	0.11	0.01	S
43368	9.509	0.021	8.485	0.015		0.892	0.019	T	0.90	0.01	L	8.5631	0.0017	0.013	80		8.54	8.59		C			1							
43369	9.370	0.018	8.219	0.012		0.989	0.017	T	0.97	0.01	L	8.2528	0.0009	0.010	75		8.23	8.27					1							S
43370	7.055	0.004	5.971	0.003		0.948	0.002	G	0.99	0.04	E	6.0216	0.0005	0.006	159		6.01	6.03					1							S
43371	10.491	0.043	9.628	0.033		0.772	0.041	T	0.81	0.03	L	9.6528	0.0038	0.028	117		9.61	9.71			08500−4542	I 1	1							G
43372	9.320	0.016	9.006	0.018		0.342	0.015	G	0.40	0.02	H	9.0421	0.0019	0.014	76		9.02	9.06		C			1							
43373	11.114	0.064	9.625	0.029		1.253	0.055	T	1.21	0.06	L	9.6351	0.0029	0.020	73		9.60	9.66		C			1							
43374	10.034	0.021	9.257	0.017		0.691	0.021	T	0.75	0.02	L	9.3406	0.0024	0.019	126		9.31	9.37		C			1							
43375	9.129	0.011	7.898	0.007		1.070	0.015	G	1.03	0.01	H	7.9535	0.0010	0.014	164		7.93	7.98		C			1							S
43376	9.868	0.020	9.265	0.017	A	0.900	0.495	G	0.71	0.07	L *	9.1541	0.0023	0.020	129	*	9.12	9.20		D	08501+5612	I 1	2 C A	AB	82	1.136	0.008	0.94	0.03	
43377	8.258	0.007	8.262	0.008		−0.002	0.009	T	0.02	0.01	L	8.2775	0.0017	0.017	178		8.26	8.30		C			1							
43378	10.252	0.034	8.616	0.016		1.369	0.030	T	1.34	0.04	L	8.6135	0.0022	0.014	82		8.59	8.65					1							
43379	8.673	0.012	8.060	0.011		0.561	0.011	G	0.63	0.01	H	8.1131	0.0012	0.013	108		8.10	8.13		C			1							
43380	7.858	0.008	7.580	0.008		0.264	0.011	T	0.30	0.01	L	7.6196	0.0020	0.017	113		7.59	7.64		U 2	08502−4955	I 1	1							S
43381	10.989	0.053	10.226	0.042		0.696	0.053	T	0.75	0.04	L	10.2799	0.0024	0.026	114		10.23	10.32		C			1							
43382	10.348	0.037	9.785	0.036		0.527	0.046	T	0.60	0.05	L	9.8742	0.0033	0.028	81		9.82	9.92		C			1							
43383	8.993	0.010	7.849	0.007		0.983	0.010	T	0.96	0.01	L	7.9187	0.0013	0.015	169		7.89	7.94					1							
43384	10.264	0.026	9.112	0.017		0.990	0.024	T	0.97	0.02	L	9.1488	0.0016	0.015	112		9.12	9.17		C	08502+2435	I 1	1							
43385	7.807	0.006	7.699	0.007		0.105	0.009	T	0.12	0.01	L	7.7270	0.0009	0.012	187		7.70	7.75					1							S
43386	8.581	0.010	8.567	0.012		0.013	0.014	T	0.03	0.01	L	8.5817	0.0023	0.021	107		8.54	8.61		U			1							
43387	10.276	0.036	8.898	0.020		1.166	0.032	T	1.13	0.03	L	8.9206	0.0026	0.014	80		8.90	8.94					1							
43388	8.764	0.011	7.625	0.008	A	0.980	0.015	G	0.96	0.01	H *	7.6640	0.0012	0.011	120	*	7.64	7.69		D	08503−4443	I 1	2 C C	AB	218	3.447	0.033	3.78	0.14	
43389	7.992	0.008	7.701	0.009		0.277	0.011	T	0.31	0.01	L	7.7644	0.0012	0.014	159		7.74	7.79		C			1							S
43390	10.744	0.034	9.648	0.021		0.947	0.031	T	0.94	0.02	L	9.7344	0.0019	0.028	184		9.69	9.78					1							
43391	11.483	0.081	10.021	0.036		1.232	0.070	T	1.19	0.07	L	10.0304	0.0027	0.020	124		9.99	10.06		C			1							
43392	5.845	0.003	5.978	0.003		−0.114	0.004	T	−0.10	0.01	L	5.9642	0.0005	0.005	136		5.96	5.98		C			1							S
43393	10.103	0.028	9.269	0.021		0.735	0.004	G	0.78	0.00	H	9.3116	0.0025	0.019	103		9.28	9.34					1							
43394	6.092	0.003	6.157	0.003		−0.055	0.004	T	−0.03	0.00	L	6.1580	0.0005	0.006	158		6.15	6.17		C			1							S
43395	8.302	0.008	8.393	0.010		−0.078	0.012	T	−0.06	0.01	L	8.3711	0.0017	0.018	151		8.35	8.40		C			1							
43396	6.745	0.005	6.844	0.005	*	−0.108	0.015	G	−0.09	0.02	H *	6.8671	0.0009	0.009	171	*	6.85	6.88		D	08504−3556	I 1	2 C A	AB	314	2.468	0.006	1.98	0.02	S
43397	8.081	0.008	7.015	0.006		0.924	0.008	T	0.92	0.01	L	7.0816	0.0010	0.009	118		7.07	7.10		C	08504−0412	I 1	1							S
43398	7.989	0.010	7.938	0.011		0.067	0.003	G	0.08	0.00	H	7.9707	0.0010	0.013	105		7.95	8.01		C			1							S
43399	11.204	0.053	9.528	0.021		1.401	0.045	T	1.38	0.05	L	9.4755	0.0026	0.026	153		9.42	9.52					1 S							
43400	8.616	0.014	8.637	0.019	*	−0.020	0.015	G	0.00	0.01	H *	8.6271	0.0017	0.017	105	*	8.60	8.66			08504−4615	H 1	2 C A	AB	141	0.231	0.037	2.53	0.45	

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion $\mu_{\alpha*}$ mas/yr 12	μ_δ 13	Standard Errors α* mas 14	δ 15	π mas 16	$\mu_{\alpha*}$ mas/yr 17	μ_δ 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	$\mu_{\alpha*}$/α* 22	$\mu_{\alpha*}$/δ 23	$\mu_{\alpha*}$/π 24	μ_δ/α* 25	μ_δ/δ 26	μ_δ/π 27	μ_δ/$\mu_{\alpha*}$ 28	Soln F1 % 29	F2 30
*43401	H	08 50 26.57	+80 27 50.2	8.79		H	132.610 721 57	+80.463 946 00	A	4.25	−36.58	−32.96	1.43	1.19	1.31	1.15	1.04	−9	+12	+9	+3	−1	+0	−2	−14	−8	+12	2	−0.88
*43402		08 50 26.49	−51 53 50.6	7.58		H	132.610 362 55	−51.897 386 96		3.07	2.73	−10.29	0.59	0.55	0.66	0.69	0.68	+1	+6	+8	+6	−4	+1	−4	−3	−2	+1	1	−2.08
43403		08 50 28.27	−14 36 47.9	8.05		H	132.617 802 90	−14.613 294 18		3.27	−13.55	6.38	0.79	0.59	1.02	0.98	0.62	−19	−15	+4	+12	−31	−22	−26	+41	+12	−32	0	−0.73
43404		08 50 28.28	−28 23 24.3	8.81	2	H	132.617 842 38	−28.390 079 55		1.91	−8.40	−10.47	0.71	0.75	1.12	0.76	0.76	−12	−12	+15	+20	−17	+5	−18	+18	+5	−21	0	0.13
43405		08 50 29.34	+46 38 45.1	10.21		H	132.622 257 43	+46.645 874 78		5.00	−14.54	−38.78	1.50	0.97	1.73	1.95	1.14	−19	+39	−19	+15	+19	+7	+36	−18	+27	+37	0	−0.75
43406		08 50 29.66	+07 37 50.4	11.28		G	132.623 595 21	+07.630 665 02		−0.63	1.16	−4.40	4.46	2.57	5.16	4.85	2.70	−26	+55	−47	+9	+40	−22	+29	+22	+3	+5	12	1.91
43407		08 50 30.66	−43 18 44.8	7.51		H	132.627 764 00	−43.312 441 88		1.99	−16.64	12.16	0.53	0.54	0.68	0.61	0.56	−1	+3	+8	−7	+1	−15	+2	−20	+2	−4	0	−1.01
43408		08 50 30.72	−67 20 00.5	8.35		H	132.628 007 45	−67.333 472 88		2.37	−15.06	16.58	0.67	0.61	0.69	0.76	0.64	+3	+9	−5	+5	−5	+6	−4	−9	+2	−1	0	1.13
43409		08 50 32.01	−27 42 36.2	4.02		H	132.633 380 51	−27.710 058 69		15.63	−133.49	88.16	0.38	0.41	0.58	0.40	0.41	−14	−5	+3	+18	−16	+9	−16	+14	+4	−19	0	0.65
43410		08 50 32.27	+33 17 06.9	6.22		H	132.634 445 21	+33.285 259 15		34.86	−62.22	−85.02	0.79	0.49	0.86	1.00	0.72	−11	+10	+3	+1	+8	−7	+9	+15	−14	−15	2	−0.55
43411	H	08 50 32.53	+67 41 20.4	9.06	2	H	132.635 524 53	+67.689 001 71	*	2.13	−0.89	−10.19	0.62	0.82	1.24	0.60	0.81	+25	+15	−16	−12	+2	−1	+2	+7	+2	+28	0	2.63
43412		08 50 33.30	+17 01 55.4	7.99		H	132.638 766 76	+17.032 062 77		5.96	−20.75	−18.17	1.22	0.69	1.09	1.61	0.93	+17	+6	−22	−45	−14	−20	−20	−3	−1	+17	0	0.26
43413		08 50 33.46	−46 31 45.1	5.09		H	132.639 432 61	−46.529 196 14		1.21	−2.76	3.84	0.44	0.42	0.52	0.56	0.48	+1	+15	+6	−4	+5	−4	+6	−7	+7	−13	1	3.26
43414		08 50 34.68	−66 47 35.6	5.34		H	132.644 503 11	−66.793 224 94		19.04	92.61	100.38	0.48	0.43	0.48	0.63	0.44	+13	+1	+14	+21	+5	−12	+7	−8	+0	+19	1	1.48
43415		08 50 35.44	−02 50 53.3	8.70		H	132.647 654 78	−02.848 142 30		0.66	−2.34	12.03	0.85	0.56	1.11	1.04	0.59	−19	+7	−15	−7	−23	−24	−20	+16	+5	−40	2	1.21
43416		08 50 35.83	+08 37 51.4	10.70		G	132.649 282 75	+08.630 958 14		2.69	10.16	−26.86	1.84	1.41	2.22	2.32	1.58	−48	+40	−38	−9	+19	−14	+8	+27	−4	−33	4	0.50
43417		08 50 36.34	−04 41 58.5	7.02		H	132.651 406 67	−04.699 582 28		9.26	−57.01	21.86	0.85	0.42	0.93	1.01	0.54	−13	+38	−17	−50	−4	−20	−17	+21	−13	+0	1	0.06
43418		08 50 36.97	+17 41 22.1	9.36		H	132.654 021 99	+17.689 467 14		18.03	−152.62	−58.49	1.67	1.07	1.77	3.39	1.44	−4	+4	−42	−38	+16	−27	−10	+1	−5	+35	0	2.05
43419		08 50 37.72	+35 42 50.5	10.68		H	132.657 148 59	+35.714 032 32		6.58	−24.48	8.91	1.83	1.13	2.14	2.62	1.37	−25	+26	−39	+2	+3	−10	−6	+18	−15	−10	0	0.64
43420		08 50 38.39	+36 52 37.8	7.49		H	132.659 971 40	+36.877 174 16		3.00	−39.27	−35.45	0.70	0.53	0.93	0.89	0.75	−51	+24	−19	−11	−8	−23	−7	+2	+16	−73	0	2.00
43421	H	08 50 40.42	+18 00 12.2	6.70		H	132.668 400 32	+18.003 392 21	B	4.96	−12.04	15.69	2.94	2.53	1.36	1.90	1.26	−43	−12	−3	−25	+0	−15	+1	−4	+10	−14	1	0.67
*43422	T	08 50 42.33	+07 51 52.6	9.08		H	132.676 364 58	+07.864 601 06		31.24	−144.85	−20.45	32.05	22.50	19.30	47.32	31.71	+22	+19	−29	−84	−25	−6	−26	−79	+8	+27	0	
*43423		08 50 41.08	−78 02 41.0	9.41		H	132.671 148 65	−78.044 729 49		3.29	−17.03	27.80	0.77	0.68	0.77	0.96	0.76	+7	−3	+12	+11	−21	−7	−18	−13	+5	+7	0	0.65
*43424		08 50 41.97	+40 14 43.9	10.56	2	H	132.674 876 98	+40.245 529 14		0.83	5.85	−13.39	1.51	1.13	1.89	2.09	1.52	−32	+8	+1	+4	−28	−27	−23	+24	+13	−57	3	1.63
*43425		08 50 42.09	−33 03 56.6	8.31		H	132.675 393 80	−33.065 709 02		3.70	20.17	−5.74	0.52	0.64	0.95	0.59	0.67	+17	−10	+6	+5	+16	+19	+12	+8	+18	+27	0	0.00
43426	H	08 50 44.38	+35 04 14.5	6.86		G	132.684 901 25	+35.070 693 02	A	17.24	−174.08	114.24	1.98	1.22	1.83	2.04	1.30	−23	+16	−16	−5	−3	−10	−5	−5	−4	−43	1	1.52
*43427		08 50 45.13	+18 49 56.1	6.41		H	132.688 044 65	+18.832 239 74		4.28	−11.83	−23.47	0.78	0.51	0.88	1.08	0.78	−2	+8	−10	−29	−7	−47	−9	+8	+20	−24	0	−1.22
*43428	H	08 50 45.01	−23 13 11.5	9.07		H	132.687 556 85	−23.219 872 16	A	3.69	−6.26	4.30	2.36	2.12	2.80	2.66	2.22	−20	+27	−11	+11	−3	+15	−4	+22	−15	−33	3	0.61
43429		08 50 45.79	+47 58 38.6	9.97		H	132.690 797 98	+47.977 386 39		6.67	−23.97	−115.34	2.06	1.15	1.62	2.40	1.52	+32	+13	−1	−2	+11	−9	+19	−1	+11	+9	0	1.89
43430		08 50 46.16	+26 49 36.8	7.44		H	132.692 324 57	+26.826 885 61		9.90	−69.17	−19.40	0.88	0.51	1.02	1.08	0.85	−9	+22	−26	+17	+9	−31	−1	+43	−31	−7	0	0.72
43431		08 50 46.60	+78 09 54.6	6.93	2	H	132.694 166 55	+78.165 172 76		2.99	2.20	−12.37	0.52	0.53	0.70	0.64	0.61	+3	+14	−9	+4	+6	+14	+8	+2	+5	+6	0	0.48
43432		08 50 46.82	−08 04 50.5	8.71		H	132.695 065 48	−08.080 688 05		12.07	−48.24	−54.71	0.87	0.57	1.12	1.01	0.58	−16	+29	−5	−18	−19	−25	−14	+9	−1	−32	0	0.00
43433	H	08 50 47.11	−54 06 46.7	8.00		H	132.696 302 71	−54.112 981 95	A	6.85	−9.89	8.34	0.75	0.74	0.78	0.77	0.75	+6	+15	−5	−9	−6	+9	−3	+3	+11	−7	2	−0.21
43434		08 50 47.24	−26 07 06.0	7.74		H	132.696 837 04	−26.118 345 46		0.80	−8.58	1.31	0.51	0.52	0.82	0.61	0.53	−15	+17	+5	−23	−26	−9	−22	+29	−4	−18	0	−0.76
43435		08 50 47.61	−07 03 50.5	9.00		H	132.698 382 35	−07.064 031 17		3.13	−2.51	−14.67	0.96	0.62	1.18	1.09	0.67	−10	+25	−8	−17	−17	−16	−13	+7	+2	−27	0	−0.02
43436		08 50 48.14	−16 03 02.6	8.33		H	132.700 574 56	−16.050 718 62		5.48	0.32	−17.44	0.83	0.54	0.97	1.02	0.56	−3	+21	−7	−20	−26	−4	−15	+23	+4	−17	0	−0.66
43437		08 50 49.05	+37 35 59.5	10.02		H	132.704 373 01	+37.599 859 06		−0.70	2.71	−1.39	1.24	0.80	1.54	1.39	1.04	−39	+17	−14	−27	−13	−6	−6	+3	+0	−68	0	1.11
43438		08 50 49.57	+78 57 41.6	8.50	3	H	132.706 530 29	+78.961 554 00		1.11	3.36	−19.72	0.63	0.69	0.84	0.75	0.74	+11	+5	−24	+17	+23	−6	+22	+14	−11	+32	0	−0.47
43439		08 50 49.91	+32 31 46.6	10.60		H	132.707 959 56	+32.529 602 86		17.47	−197.13	−17.47	1.80	1.12	2.07	2.11	1.74	−15	+26	−14	−19	+2	−34	−4	+28	−25	−14	0	−1.72
43440		08 50 50.40	+37 48 50.3	8.53		H	132.709 994 17	+37.813 967 50		0.57	−10.43	12.15	0.88	0.67	1.11	1.06	0.86	−44	−2	−12	−36	+8	+1	+11	−23	+5	−74	0	−0.25
43441		08 50 50.84	+12 59 05.3	8.88		H	132.711 829 90	+12.984 817 39		3.33	−16.96	−11.85	1.44	0.95	1.56	1.73	1.29	−27	+21	−33	−42	+14	−8	+10	−2	−22	−30	0	0.61
43442		08 50 51.39	+45 54 57.5	8.99		H	132.714 114 81	+45.915 964 50		6.08	19.44	−37.84	1.27	0.80	1.36	1.61	1.02	−18	+21	−25	−13	−17	+9	−16	+7	−10	−21	5	−0.41
43443	H	08 50 53.24	−43 45 05.5	7.58	2	G	132.721 852 42	−43.751 517 22	A	1.25	−5.14	4.28	0.82	0.79	0.93	0.91	0.78	−13	−6	+17	+7	+7	−5	+9	−11	+4	−8	4	0.44
43444		08 50 54.07	−26 21 05.6	9.56		G	132.725 307 95	−26.351 551 49		−2.26	−6.79	3.34	0.75	0.69	1.15	0.92	0.74	−14	+25	−1	−31	−16	−11	−14	+22	−11	−18	0	−0.37
43445		08 50 55.12	−00 39 34.4	8.63		G	132.729 651 77	−00.659 541 88		13.50	−174.04	−11.78	0.92	0.62	1.15	1.15	0.86	−10	+14	−15	−1	−11	−28	−11	+54	−14	−18	0	0.84
43446		08 50 55.27	+85 03 04.3	7.42		H	132.730 304 75	+85.051 200 44		20.09	−113.30	−82.30	0.54	0.51	0.62	0.60	0.55	+10	+17	−4	+24	+15	+12	+16	+21	+0	+31	0	1.05
43447		08 50 56.03	−41 02 17.2	8.71		H	132.733 471 81	−41.038 099 84		10.89	−96.34	77.44	0.61	0.68	0.84	0.69	0.71	+13	+12	+11	−1	+4	+7	+2	−16	+3	+9	1	−1.50
43448		08 50 57.43	+15 54 04.4	8.87		H	132.739 285 80	+15.901 220 47		2.22	−7.09	−39.72	1.38	0.86	1.29	1.55	1.05	+14	−1	−28	−42	−12	−17	−13	+1	−5	−1	0	2.94
43449		08 50 59.90	−74 05 04.0	8.53		H	132.749 602 93	−74.084 437 32		14.29	−42.73	55.18	0.63	0.64	0.75	0.64	0.66	+6	+22	+17	−26	−12	−17	−4	−15	+21	−4	1	−0.94
43450		08 51 00.08	−41 56 49.5	8.67		G	132.750 314 93	−41.947 081 25		3.16	−13.89	6.95	0.59	0.65	0.82	0.67	0.68	+9	+2	+14	+18	+5	+17	+3	−6	−3	+10	0	0.01
43451		08 51 00.30	+73 45 07.6	7.44		H	132.751 256 04	+73.752 097 89		3.01	−11.32	−23.18	0.49	0.53	0.74	0.65	0.57	+6	+16	−29	+9	−11	+18	−4	+10	+3	+13	0	−0.76
43452		08 51 00.49	+40 56 27.8	7.99		G	132.752 031 23	+40.941 059 21		5.20	13.71	−6.78	0.84	0.64	1.08	0.98	0.80	−45	+41	−15	+6	−1	−14	−8	−5	−3	−56	4	−0.23
43453		08 51 01.21	+00 29 29.9	10.28		H	132.755 021 49	+00.491 651 64		4.42	−23.66	22.03	1.54	0.97	2.02	1.65	1.30	−18	+29	−21	−21	−11	−27	−20	+51	−32	−14	0	−0.94
43454		08 51 01.53	+15 21 01.7	6.36		H	132.756 385 89	+15.350 474 58		25.02	−118.13	72.47	0.98	0.70	1.01	1.40	0.79	−7	+17	−39	−48	+3	−30	−15	−6	−3	+15	0	1.95
43455		08 51 03.37	−57 46 05.6	8.58		H	132.764 053 91	−57.768 209 31		4.25	39.84	−30.54	0.71	0.59	0.73	0.82	0.65	+1	+7	+11	+10	−6	+10	−7	+1	+6	−2	0	−0.83
*43456		08 51 04.23	+00 28 10.9	7.99		H	132.767 639 56	+00.469 690 39		6.37	−26.92	−3.86	0.93	0.60	1.26	1.04	0.81	−18	+30	−26	−14	−7	−31	−20	+55	−33	−8	0	0.54
*43457		08 51 04.17	+38 03 39.0	9.23		H	132.767 382 50	+38.060 822 50		0.72	−14.41	−5.66	1.12	0.73	1.34	1.33	0.96	−27	+4	−14	−37	−7	+9	+4	−8	−8	−64	0	1.15
43458		08 51 04.34	−22 21 28.4	8.10		H	132.768 085 79	−22.357 888 73		1.91	−10.19	5.96	0.60	0.56	0.95	0.78	0.60	−17	+18	−5	+9	−14	+2	−12	+29	−5	−26	0	1.06
43459		08 51 05.03	−34 25 12.8	7.86		H	132.770 964 45	−34.420 234 51		1.94	−0.52	2.02	0.53	0.56	0.79	0.54	0.52	+16	−2	+0	−13	+15	+6	+12	−9	+19	+23	1	−0.06
43460		08 51 07.55	+42 35 22.7	9.47		H	132.781 471 10	+42.589 633 78		5.67	−0.84	−28.15	1.14	0.89	1.32	1.46	1.08	−25	+16	+3	−4	−9	−9	−7	−4	+4	−42	0	−0.09
43461		08 51 08.36	−13 43 54.7	7.65		H	132.784 836 08	−13.731 862 14		7.67	−15.57	−18.56	0.67	0.50	0.90	0.86	0.56	−17	+21	+6	+11	−26	−14	−20	+35	+0	−33	0	0.61
43462		08 51 08.90	−57 04 31.4	9.03		H	132.787 072 12	−57.075 389 67		2.13	−5.75	3.38	0.70	0.62	0.73	0.77	0.65	+0	+9	+10	+20	+2	+13	−1	+7	+3	−14	0	−2.35
43463		08 51 10.83	+15 59 57.8	7.38		H	132.795 117 25	+15.999 396 67		5.37	−40.94	11.92	1.10	0.79	1.08	1.56	0.87	−13	+15	−45	−60	+7	−27	−9	−20	+4	+8	3	2.98
43464		08 51 11.10	−41 39 40.5	7.79		H	132.796 249 04	−41.661 263 69		1.42	−6.43	4.70	0.50	0.54	0.68	0.56	0.59	+15	+5	+16	+18	+6	+10	+5	−2	−3	+14	0	−0.72
43465		08 51 11.79	+11 45 22.2	10.03		G	132.799 104 77	+11.756 153 94		1.05	−7.67	−5.67	1.57	1.16	1.96	2.00	1.50	−45	+15	−37	−31	+37	−27	+31	+7	−21	−43	0	−2.06
43466		08 51 13.92	−38 37 59.2	7.00		H	132.807 999 47	−38.633 099 39		0.64	−8.29	3.42	0.43	0.50	0.64	0.46	0.50	+5	−10	+7	−7	+2	+9	+1	−16	−3	−3	0	−1.20
43467		08 51 14.85	−59 29 01.5	7.90		H	132.811 876 82	−59.483 751 32		5.39	−12.16	19.07	0.59	0.53	0.64	0.68	0.56	+4	+8	+8	−4	−3	−13	−1	−6	+21	−16	0	1.86
43468		08 51 15.37	−52 49 35.4	8.66		H	132.814 035 28	−52.826 501 71		5.12	−15.87	29.12	0.76	0.70	0.84	1.00	0.87	−5	+7	+1	+2	−8	−1	−8	−1	−4	−7	0	−0.58
43469		08 51 15.81	+48 35 02.6	8.87	2	H	132.815 864 66	+48.584 056 73		2.21	−6.38	−6.67	1.10	0.86	1.36	1.55	0.80	−19	+10	+0	+4	+21	+2	+36	−44	+6	+43	0	−0.93
43470		08 51 17.43	−06 15 46.9	9.38		G	132.822 626 79	−06.263 033 87		15.29	−158.78	82.68	1.55	0.77	1.90	1.45	0.79	+10	+58	+23	−24	−32	−19	−5	+21	+17	−31	0	−1.51
43471		08 51 18.29	+34 09 16.6	8.78		H	132.826 209 31	+34.154 619 95		12.21	−30.21	−21.78	1.03	0.69	1.13	1.32	0.91	−32	+15	−6	−6	+9	−15	+8	+3	+1	−27	0	0.89
43472		08 51 18.92	−20 31 06.2	8.01		H	132.828 822 55	−20.518 384 52		7.19	−3.43	10.03	0.81	0.63	1.07	0.90	0.64	−20	+16	−4	+26	−26	−13	−23	+45	+2	−32	0	1.16
43473		08 51 19.40	−39 44 42.5	7.71		G	132.830 823 41	−39.745 128 81		1.45	−9.57	3.66	0.46	0.54	0.69	0.49	0.56	+10	+15	+17	+3	+1	+10	−4	−25	−10	+0	0	−0.68
43474		08 51 19.93	−09 07 22.4	7.76		H	132.833 044 19	−09.122 901 80		−0.71	−6.89	8.84	0.91	0.54	1.10	1.08	0.59	−17	+34	−12	+0	−19	−5	−15	+18	−2	−32	0	0.67
43475		08 51 20.98	+31 45 30.4	8.98		H	132.837 397 61	+31.758 435 88		0.24	−8.56	−4.22	1.22	0.78	1.38	1.51	1.25	−17	+23	−18	−6	+1	−26	−4	+46	−25	−14	0	1.71
43476		08 51 21.06	−66 58 58.7	8.27		H	132.837 756 83	−66.982 984 79		3.11	−23.94	23.83	0.62	0.60	0.66	0.74	0.61	+2	+8	+5	+8	+2	−4	+2	−12	+4	+1	1	1.23
43477		08 51 21.13	+64 25 06.7	8.62		H	132.838 038 49	+64.418 524 90		24.55	59.51	−24.83	0.77	0.72	1.08	0.87	0.75	+4	+1	−23	+27	−4	+4	−3	+24	+7	+20	2	0.44
43478		08 51 21.46	+80 00 31.8	8.72		H	132.839 418 68	+80.008 826 11		1.60	−6.96	−6.10	0.66	0.62	0.90	0.75	0.69	+2	+28	−8	+14	−4	+25	−2	−11	−8	+16	2	−0.60
43479	H	08 51 22.60	+21 04 49.5	8.50		H	132.844 186 06	+21.080 427 87	A	7.70	−18.96	−17.75	3.49	2.45	2.62	2.79	2.66	+7	+10	−4	−18	+10	−17	+7	−11	−29	−46	1	0.56
43480		08 51 22.72	+02 13 15.2	8.65		H	132.844 655 87	+02.220 890 14		6.78	−18.80	−29.81	0.92	0.63	1.13	1.23	0.78	−13	+26	−22	+11	+17	−15	+6	+38	−19	−4	0	0.37
43481		08 51 23.20	+45 55 59.8	7.45		H	132.846 648 03	+45.933 283 94		3.21	−17.21	−31.83	0.86	0.53	0.93	1.06	0.59	−20	+27	−29	−21	−8	+0	−7	−7	+7	−3	0	1.71
43482		08 51 24.93	−01 36 22.2	9.16		H	132.853 882 83	−01.606 172 85		4.32	−5.75	−8.70	1.12	0.55	1.15	1.33	0.63	+3	+25	+3	−42	−32	−34	−9	+18	+15	−40	0	−1.26
43483	H	08 51 25.62	−50 46 45.8	8.78		H	132.856 751 02	−50.779 401 83	*	10.44	−65.81	1.98	0.69	0.69	0.80	0.87	0.77	−8	+9	+7	−13	+13	+4	+13	−20	+18	+5	0	0.40
43484		08 51 26.03	−45 37 22.7	7.75		H	132.858 474 03	−45.622 973 81		4.78	−8.86	13.15	0.61	0.55	0.73	0.80	0.72	+9	−6	+11	+7	+4	−3	+5	+7	−11	−1	0	−0.54
43485	H	08 51 26.19	+57 31 38.1	8.00		G	132.859 136 47	+57.527 248 22	A	5.14	−12.58	10.48	1.77	2.00	2.12	1.58	1.70	−22	+17	−8	−32	+9	+3	+3	−26	−8	+6	2	1.19
43486		08 51 27.84	−42 30 16.4	6.54		G	132.865 982 00	−42.504 556 87		9.20	−33.09	22.05	0.44	0.45	0.57	0.50	0.44	+11	−3	+21	+16	+13	+8	+11	−7	+1	+16	0	−1.97
43487		08 51 27.99	−61 21 48.1	7.16		G	132.866 604 90	−61.363 347 42		17.67	−201.88	156.49	0.50	0.45	0.53	0.46	0.45	+8	+0	+0	−1	−15	+4	−20	−13	+7	−18	1	1.34
43488		08 51 28.83	−00 47 05.1	10.56		H	132.870 137 68	−00.784 746 66		5.09	−31.63	−22.03	1.53	0.99	1.84	1.92	1.30	−14	+6	−1	−12	−27	−36	−16	+49	+2	−37	0	−0.40
43489		08 51 29.22	+70 17 57.8	7.12	2	H	132.871 761 44	+70.299 381 57		1.31	7.05	−1.71	0.47	0.52	0.76	0.54	0.57	+14	+4	−17	−1	−6	+20	−1	−21	+3	+24	0	0.14
43490		08 51 29.69	−80 18 02.5	9.55		G	132.873 707 22	−80.300 696 14		14.10	−257.72	230.00	0.83	0.81	0.91	1.00	0.81	−5	+11	+11	+13	−5	−9	−1	−12	+8	−2	0	0.07
43491		08 51 29.91	+11 47 16.9	9.69		G	132.874 632 23	+11.788 024 21		−1.21	−5.51	−6.79	1.52	1.09	1.88	1.89	1.43	−46	+9	−34	−30	+39	−27	+35	+5	−23	−44	0	0.12
43492		08 51 30.40	+58 22 04.9	8.32		H	132.876 682 63	+58.368 019 73		−0.16	6.73	1.79	0.77	0.75	1.07	0.89	0.80	−13	+18	−15	−15	+3	−6	+4	−13	+16	+9	0	0.58
43493		08 51 30.97	−46 32 28.2	7.62	2	H	132.879 042 10	−46.541 158 02		1.42	−1.21	4.42	0.59	0.58	0.72	0.76	0.70	−4	+6	+9	−12	+8	+8	+8	−10	+3	−18	0	1.84
43494		08 51 32.82	−46 36 36.0	8.17		G	132.886 748 15	−46.609 996 38		2.27	−6.61	0.93	0.58	0.56	0.69	0.76	0.73	−1	+3	+0	−20	+10	+11	+12	−9	−1	−15	0	0.81
43495		08 51 33.06	−09 06 41.3	9.32		H	132.887 732 17	−09.111 477 52		1.85	−2.15	−4.47	1.26	0.73	1.60	1.42	0.76	−19	+43	−7	+3	−18	−14	−16	+16	−2	−33	0	0.80
43496	H	08 51 34.44	−07 10 38.0	5.55		G	132.893 498 89	−07.177 212 66	A	6.68	−48.79	−5.34	0.85	0.51	0.88	0.91	0.50	−22	+1	+0	−36	−16	−8	−7	+11	+5	−41	2	−1.14
43497		08 51 34.55	−54 41 05.1	9.04		H	132.893 955 68	−54.684 762 71		3.53	−14.91	11.09	0.67	0.66	0.76	0.73	0.68	+3	+2	+10	−6	−1	+9	−1	+2	+0	−12	1	−2.16
43498		08 51 35.19	−05 58 11.5	8.02		H	132.896 607 22	−05.969 855 75		5.80	−27.87	−10.93	1.05	0.53	1.36	0.99	0.56	+12	+59	+24	−22	−33	−25	−8	+16	+14	−34	2	0.71
43499		08 51 36.53	−57 38 01.0	5.59		H	132.902 217 80	−57.633 615 32		4.55	−15.29	15.56	0.43	0.36	0.43	0.46	0.38	+10	+3	+10	+31	−6	+15	−8	+4	+8	+6	1	0.44
43500		08 51 37.56	−53 13 40.4	9.15		H	132.906 506 80	−53.227 892 30		4.39	−9.82	0.37	0.81	0.81	0.94	1.06	0.89	+1	+12	+11	+9	−5	+1	−5	+6	−4	−4	0	−0.43

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
43401	9.178	0.013	8.837	0.014	*	0.323	0.018	T	0.37	0.02	L *	8.8735	0.0017	0.018	139	*	8.83	8.92		D	08504+8028	H 1	2 C A	AB	282	0.502	0.012	2.34	0.05	S
43402	9.244	0.016	7.722	0.009		1.280	0.015	G	1.24	0.02	H	7.7419	0.0015	0.012	110		7.72	7.76					1						
43403	8.253	0.009	8.064	0.011		0.181	0.013	T	0.20	0.01	L	8.1081	0.0011	0.012	100		8.09	8.12					1						S
43404	11.012	0.057	8.997	0.017		1.669	0.047	T	1.69	0.05	L	8.9237	0.0033	0.030	150		8.88	8.97		U			1						
43405	10.875	0.058	10.252	0.054		0.580	0.069	T	0.65	0.06	L	10.3334	0.0037	0.023	89		10.30	10.38		C			1						
43406						0.750	0.013	G	0.79	0.01	H	11.8645	0.0115	0.064	63		11.77	11.97					1 S						G G
43407	9.540	0.014	7.688	0.007		1.550	0.015	G	1.62	0.02	H	7.6254	0.0015	0.012	126		7.60	7.65					1						
43408	9.623	0.019	8.474	0.012		0.987	0.018	T	0.97	0.01	L	8.5179	0.0012	0.013	111		8.49	8.54					1						
43409	5.674	0.003	4.162	0.002		1.272	0.021	G	1.24	0.02	A	4.1794	0.0004	0.005	156		4.17	4.19					1						S
43410	6.859	0.005	6.273	0.005		0.549	0.005	T	0.62	0.01	L	6.3403	0.0014	0.010	76		6.32	6.35					1						S
43411	11.196	0.040	9.303	0.014	*	1.212	0.197	G	1.17	0.19	R *	9.2276	0.0019	0.031	237	*	9.17	9.28		U	08505+6741	H 1	2 C S C	AB	102	0.135	0.044	0.74	1.15	
43412	8.211	0.013	8.019	0.014		0.184	0.018	T	0.20	0.02	L	8.0492	0.0011	0.008	52		8.03	8.08		D			1						S
43413	4.828	0.002	5.072	0.003		−0.205	0.017	G	−0.19	0.02	A	5.0175	0.0004	0.004	117		5.01	5.03		D	08506−4632	I 1	1 S						S P
43414	5.829	0.003	5.381	0.003		0.423	0.004	T	0.49	0.00	L	5.4326	0.0006	0.005	114		5.42	5.44		C	08506−6648	I 1	1						S
43415	10.030	0.026	8.833	0.015		1.025	0.023	T	1.00	0.02	L	8.8668	0.0014	0.016	118		8.84	8.90		C			1						
43416	11.284	0.088	10.741	0.089		0.570	0.020	G	0.64	0.02	H	10.8441	0.0043	0.026	76		10.81	10.89		C			1						G
43417	7.358	0.005	7.042	0.005		0.300	0.007	T	0.34	0.01	L	7.0941	0.0006	0.007	135		7.08	7.11					1 G						S
43418	10.555	0.053	9.468	0.035		0.931	0.050	T	0.93	0.04	L	9.5099	0.0028	0.019	47		9.48	9.54		C			1						
43419	11.169	0.076	10.579	0.070		0.564	0.072	G	0.64	0.07	R	10.8064	0.0032	0.026	79		10.76	10.85		C			1						G
43420	9.040	0.011	7.605	0.007		1.211	0.010	T	1.17	0.01	L	7.6549	0.0008	0.009	138		7.64	7.67		C			1						S
43421	7.822	0.010	6.813	0.007	*	0.881	0.009	T	0.89	0.01	L *	6.8599	0.0019	0.007	50	*	6.85	6.88		D	08507+1800	I 1	2 C A	BA	234	0.301	0.002	0.09	0.03	S
43422	10.338	0.055	9.510	0.047		0.746	0.055	T	0.79	0.04	L	9.1576	0.0075	0.033	29		9.10	9.20		D	08507+0752	I 1	1 X S						
43423	9.909	0.020	9.416	0.020		0.464	0.026	T	0.53	0.03	L	9.5115	0.0020	0.019	119		9.48	9.55		C			1						
43424	12.018	0.142	10.792	0.074		1.047	0.125	T	1.02	0.10	L	10.7315	0.0072	0.062	100		10.61	10.83		U 2			1 S						G
43425	9.746	0.013	8.440	0.008		1.110	0.012	T	1.07	0.01	L	8.4790	0.0017	0.021	200		8.44	8.52					1 S						
43426						0.592	0.002	G	0.66	0.00	H *	6.9688	0.0011	0.007	88	*	6.96	6.99		D	08507+3504	I 1	2 C A	AB	279	3.570	0.004	0.07	0.01	S
43427	6.412	0.004	6.403	0.005		0.009	0.006	T	0.03	0.01	L	6.4206	0.0007	0.005	54		6.41	6.43					1						S
43428	9.094	0.018	8.769	0.024	*	0.309	0.028	T	0.35	0.04	L *	9.1440	0.0028	0.024	123	*	9.10	9.18		R	08508−2313	I 1	2 C A	AB	130	3.027	0.005	0.55	0.02	
43429	10.862	0.054	10.080	0.042		0.710	0.053	T	0.76	0.04	L	10.1094	0.0025	0.023	89		10.05	10.15		D			1 G						
43430	7.808	0.006	7.474	0.008		0.331	0.015	G	0.39	0.02	H	7.5186	0.0009	0.009	90		7.51	7.55					1						S
43431	8.958	0.010	7.186	0.005		1.506	0.009	T	2.74	0.03	O	6.8998	0.0079	0.081	130		6.75	7.03		U 2			1 S						S
43432	9.299	0.013	8.769	0.013		0.497	0.017	T	0.57	0.02	L	8.8219	0.0016	0.016	132		8.80	8.85		C			1						
43433	8.108	0.011	7.964	0.012	*	0.131	0.015	T	0.15	0.01	L *	8.0517	0.0014	0.013	130	*	8.03	8.07		D	08508−5407	I 1	2 C A	AB	111	5.655	0.005	2.18	0.03	S
43434	8.871	0.009	7.840	0.006		0.897	0.008	T	0.90	0.01	L	7.8981	0.0010	0.013	205		7.88	7.92					1						S
43435	9.372	0.018	9.002	0.019		0.351	0.024	T	0.41	0.03	L	9.0850	0.0024	0.017	97		9.06	9.12		C			1						
43436	8.501	0.011	8.356	0.013		0.140	0.016	T	0.15	0.02	L	8.3768	0.0021	0.016	99		8.35	8.41					1						
43437	10.439	0.027	10.048	0.028		0.370	0.036	T	0.43	0.04	L	10.1024	0.0024	0.026	170		10.05	10.15					1						
43438	10.359	0.030	8.764	0.013		1.360	0.027	T	3.04	0.10	O	8.4016	0.0319	0.368	149		7.79	8.91		U 2			1 S						P
43439	12.062	0.190	10.851	0.091		1.036	0.164	T	1.01	0.14	L	10.7716	0.0045	0.031	85		10.70	10.82		C			1						G
43440	10.183	0.023	8.676	0.012		1.267	0.020	T	1.23	0.02	L	8.6916	0.0019	0.017	156		8.66	8.72					1						
43441	10.873	0.070	9.044	0.025		1.522	0.059	T	1.56	0.09	L	9.0020	0.0027	0.015	54		8.98	9.03					1						
43442	10.179	0.027	9.101	0.019		0.933	0.025	T	0.93	0.02	L	9.1521	0.0024	0.016	83		9.13	9.19		C			1						S
43443	8.439	0.010	7.730	0.009	A	0.716	0.005	G	0.77	0.00	H *	7.7116	0.0037	0.031	108	*	7.67	7.76	1.94	P 1 A	08509−4345	I 1	2 C A	AB	65	1.911	0.014	3.16	0.10	S
43444	9.538	0.014	9.525	0.018		0.000	0.020	G	0.02	0.02	H	9.5771	0.0022	0.027	204		9.53	9.64					1						G
43445	9.194	0.014	8.702	0.014		0.481	0.010	G	0.55	0.01	H	8.7457	0.0017	0.013	106		8.72	8.77		C			1						
43446	7.979	0.007	7.465	0.007		0.483	0.009	T	0.55	0.01	L	7.5255	0.0008	0.010	134		7.51	7.54		C			1						S
43447	9.270	0.013	8.747	0.013		0.500	0.014	T	0.57	0.01	L	8.8170	0.0018	0.017	148		8.79	8.85		C			1						
43448	9.978	0.031	8.956	0.022		0.891	0.028	T	0.90	0.02	L	9.0312	0.0032	0.019	61		9.01	9.06					1						S
43449	9.205	0.014	8.588	0.013		0.574	0.017	T	0.65	0.02	L	8.6558	0.0016	0.015	109		8.63	8.69		C			1						
43450	8.574	0.009	8.670	0.013		−0.073	0.004	G	−0.05	0.01	H	8.6493	0.0016	0.014	136		8.62	8.67		C			1						
43451	9.471	0.014	7.600	0.006		1.555	0.012	T	1.57	0.01	L	7.5568	0.0012	0.015	170		7.53	7.58					1						S
43452	8.497	0.010	8.034	0.010		0.465	0.015	G	0.54	0.02	H	8.0914	0.0010	0.011	93		8.08	8.11		D			1						S
43453	10.831	0.055	10.352	0.056		0.451	0.072	T	0.52	0.08	L	10.3808	0.0030	0.031	93		10.33	10.43					1						G
43454	7.183	0.007	6.444	0.005		0.669	0.006	G	0.73	0.07	F	6.4999	0.0010	0.007	58		6.49	6.52		C			1 G						S
43455	10.208	0.038	8.685	0.019		1.280	0.033	T	1.24	0.03	L	8.7403	0.0017	0.016	124		8.71	8.77		C			1						
43456	8.105	0.009	7.982	0.011		0.083	0.007	G	0.10	0.01	H	8.0285	0.0009	0.008	95		8.01	8.04		C			1						S
43457	11.223	0.052	9.393	0.018		1.522	0.044	T	1.56	0.07	L	9.3548	0.0025	0.019	134		9.32	9.38		C			1						
43458	9.512	0.014	8.229	0.009		1.092	0.013	T	1.05	0.01	L	8.2739	0.0011	0.015	154		8.25	8.31					1						S
43459	7.844	0.006	7.841	0.008		0.007	0.009	T	0.03	0.01	L	7.8711	0.0012	0.014	168		7.85	7.90					1						S
43460	10.095	0.028	9.486	0.026		0.567	0.033	T	0.64	0.03	L	9.5920	0.0022	0.020	89		9.56	9.63		C			1						
43461	7.821	0.009	7.678	0.009		0.130	0.012	T	0.14	0.01	L	7.7020	0.0012	0.009	100		7.68	7.72		C			1						S
43462	9.058	0.013	9.019	0.016		0.035	0.018	T	0.05	0.01	L	9.0466	0.0018	0.017	137		9.01	9.08		C			1						
43463	8.558	0.015	7.509	0.011		0.911	0.014	T	0.91	0.01	L	7.5434	0.0015	0.008	54		7.53	7.56		C			1 G						S
43464	7.788	0.006	7.791	0.008		0.010	0.001	G	0.03	0.00	H	7.8032	0.0013	0.012	144		7.78	7.83		C			1						S
43465	9.868	0.025	9.924	0.036		−0.070	0.013	G	−0.07	0.02	A	10.0115	0.0022	0.023	82		9.97	10.05		C			1						D
43466	6.772	0.004	6.964	0.005		−0.167	0.006	T	−0.17	0.01	L	6.9380	0.0009	0.010	150		6.92	6.96					1						S
43467	7.893	0.009	7.897	0.012		0.001	0.014	T	0.02	0.01	L	7.9094	0.0012	0.012	104		7.89	7.93					1						S
43468	10.241	0.028	8.843	0.015		1.182	0.025	T	1.14	0.02	L	8.8283	0.0016	0.017	116		8.81	8.86		C			1						
43469	10.954	0.050	9.109	0.019		1.566	0.044	T	2.55	0.07	O	8.8790	0.0050	0.051	93		8.80	8.96		U 2			1						
43470	10.352	0.035	9.398	0.027		0.764	0.002	G	0.81	0.00	H	9.5022	0.0029	0.020	91		9.47	9.54		C			1						
43471	9.417	0.018	8.830	0.017		0.548	0.022	T	0.62	0.02	L	8.9023	0.0030	0.017	78		8.87	8.93					1						
43472	8.659	0.011	8.063	0.010		0.554	0.015	G	0.63	0.01	H	8.1333	0.0016	0.014	100		8.11	8.15		C			1						S
43473	7.513	0.005	7.676	0.007		−0.156	0.007	G	−0.16	0.01	H	7.6656	0.0011	0.011	148		7.64	7.68					1						S
43474	9.512	0.019	7.911	0.010		1.341	0.017	T	1.31	0.02	L	7.9155	0.0016	0.013	102		7.90	7.94					1						
43475	10.217	0.035	9.098	0.023		0.964	0.033	T	0.95	0.03	L	9.1454	0.0017	0.016	81		9.11	9.18		C			1						
43476	9.549	0.019	8.380	0.013		1.003	0.018	T	0.98	0.01	L	8.4313	0.0013	0.013	120		8.40	8.45					1						
43477	9.462	0.016	8.699	0.013		0.696	0.016	T	0.75	0.01	L	8.7595	0.0022	0.019	127		8.74	8.80					1						S
43478	9.012	0.012	8.743	0.013		0.256	0.017	T	0.29	0.02	L	8.7890	0.0015	0.015	128		8.76	8.82		C			1						
43479	8.927	0.018	8.578	0.018	*	0.331	0.023	T	0.39	0.03	L *	8.5752	0.0020	0.011	61	*	8.56	8.60		D	08514+2105	I 1	2 C A	AB	336	0.416	0.004	0.24	0.02	
43480	8.983	0.014	8.680	0.015		0.285	0.015	G	0.32	0.02	H	8.7212	0.0014	0.013	98		8.70	8.74		C			1						
43481	9.524	0.019	7.658	0.009		1.551	0.017	T	1.57	0.02	L	7.5703	0.0011	0.013	83		7.55	7.60					1						S
43482	9.683	0.017	9.167	0.016		0.485	0.021	T	0.56	0.02	L	9.2716	0.0018	0.016	136		9.25	9.30		C			1						
43483	9.649	0.021	8.854	0.017	*	0.705	0.021	T	0.76	0.02	L *	8.9145	0.0014	0.013	114	*	8.89	8.94		D	08514−5047	H 1	2 C S A	AB	47	0.153	0.006	0.43	0.30	
43484	7.745	0.007	7.756	0.008		0.004	0.008	G	0.02	0.01	H	7.7619	0.0013	0.013	119		7.74	7.78		C			1						S
43485	8.330	0.013	7.893	0.015	*	0.397	0.015	G	0.46	0.02	H *	8.0810	0.0016	0.013	92	*	8.06	8.11		D	08515+5732	I 1	2 C A	AB	198	1.907	0.003	0.22	0.01	S
43486	6.600	0.004	6.538	0.005		0.043	0.006	G	0.06	0.01	H	6.5621	0.0007	0.008	127		6.55	6.58					1						S
43487	7.797	0.008	7.237	0.007		0.545	0.016	G	0.62	0.01	H	7.2742	0.0007	0.009	98		7.26	7.29					1						S
43488	11.219	0.072	10.604	0.067		0.595	0.072	G	0.67	0.07	R	10.6898	0.0037	0.033	106		10.63	10.74		C			1						G
43489	9.259	0.012	7.336	0.005		1.631	0.011	T	2.16	0.03	O	7.1913	0.0033	0.030	152		7.15	7.23		U 2			1						S
43490	10.154	0.026	9.582	0.024		0.544	0.004	G	0.62	0.00	H	9.6638	0.0026	0.019	104		9.62	9.71		C	08515−8018	I 1	1						
43491	11.269	0.074	9.762	0.031		1.350	0.003	G	1.33	0.02	A	9.8179	0.0020	0.018	85		9.79	9.85		C			1						D
43492	10.206	0.030	8.481	0.013		1.439	0.026	T	1.43	0.04	L	8.4629	0.0017	0.020	97		8.42	8.49					1						
43493	9.808	0.041	7.851	0.017		1.659	0.037	T	2.36	0.08	O	7.6679	0.0036	0.037	117		7.61	7.72		U 2			1 S						P
43494	8.075	0.015	8.132	0.020		−0.102	0.012	G	−0.09	0.01	H	8.1473	0.0012	0.012	122		8.13	8.18		C			1						
43495	11.181	0.069	9.463	0.026		1.434	0.058	T	1.43	0.09	L	9.4599	0.0031	0.021	99		9.42	9.49					1						
43496	5.753	0.007	5.583	0.006	A	0.150	0.005	G	0.17	0.01	H *	5.5849	0.0006	0.006	107	*	5.58	5.60		D	08516−0711	I 1	2 C A	AB	123	1.139	0.005	1.68	0.01	S
43497	9.071	0.013	9.036	0.016		0.032	0.018	T	0.05	0.01	L	9.0534	0.0016	0.021	134		9.02	9.09					1						
43498	8.757	0.012	8.085	0.010		0.622	0.013	T	0.69	0.01	L	8.1542	0.0015	0.011	105		8.13	8.17		C			1						S
43499	5.454	0.003	5.572	0.003		−0.102	0.004	T	−0.09	0.01	L	5.5591	0.0005	0.005	127		5.55	5.57		C			1						S
43500	10.379	0.028	9.246	0.018		0.975	0.026	T	0.96	0.02	L	9.3158	0.0022	0.021	126		9.28	9.36					1 S						

Number HIP	Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag		Position: epoch J1991.25 α (ICRS) deg	δ deg	Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ	Standard Errors $\alpha*$ mas	δ	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ	Astrometric Correlations (%)	Soln F1 %	F2
1 2	3	4	5	6 7	8	9 10	11	12	13	14	15	16	17	18	19 20 21 22 23 24 25 26 27 28	29	30
43501	08 51 38.34	+43 06 22.9	9.21	H	132.909 751 41	+43.106 370 71	4.65	−37.49	−34.75	1.10	0.79	1.21	1.57	1.00	−28 +12 − 7 − 5 − 8 − 3 − 7 + 0 − 1 −34	0	−0.45
*43502	08 51 38.77	+25 13 59.3	8.88	H	132.911 548 65	+25.233 133 01	3.14	−72.90	−86.48	1.33	0.63	1.25	1.67	1.16	−26 − 2 + 7 −53 +17 − 9 +28 + 3 −28 −36	0	2.07
*43503	08 51 38.73	+34 11 21.3	8.96	H	132.911 377 07	+34.189 243 94	1.20	6.69	0.86	1.17	0.73	1.32	1.42	0.99	−16 +22 − 3 − 1 − 2 − 6 − 5 +16 −17 −20	0	0.40
43504	08 51 39.39	−24 44 53.0	9.21	H	132.914 135 68	−24.748 066 11	2.08	−2.61	0.19	0.74	0.68	1.08	0.81	0.69	− 8 +13 −13 +23 −12 +14 −11 +20 − 7 −14	2	1.29
*43505	08 51 43.44	+01 30 45.0	8.92	H	132.930 983 53	+01.512 499 24	11.33	−7.32	−22.39	1.05	0.74	1.43	1.25	0.92	−21 +18 −34 −14 + 1 −26 −10 +47 −29 −14	0	−0.73
*43506	08 51 43.39	+43 59 09.0	9.30	H	132.930 809 93	+43.985 822 67	2.53	−7.89	0.57	1.21	0.81	1.33	1.44	1.01	−34 +31 −10 −17 − 3 − 4 − 5 − 2 − 8 −41	0	0.64
43507	08 51 43.56	−09 07 31.1	8.15	H	132.931 520 30	−09.125 306 94	11.26	−40.37	−36.64	0.86	0.52	1.07	1.08	0.55	−21 +29 −10 + 4 −20 −16 −17 +17 − 2 −34	0	1.42
43508	08 51 44.07	−61 25 11.0	7.62	H	132.933 612 99	−61.419 709 25	2.80	−15.33	8.90	0.54	0.50	0.59	0.47	0.49	+ 4 − 4 − 3 − 3 +13 + 9 −20 −23 + 9 −18	3	−0.88
43509 H	08 51 44.30	−31 08 39.9	8.12	H	132.934 582 98	−31.144 408 23 *	1.06	−6.68	4.67	0.88	1.29	1.11	0.81	0.88	+10 + 0 +26 +35 − 3 + 4 − 6 +16 +25 + 7	1	0.10
43510	08 51 44.34	+18 07 30.4	11.54	G	132.934 768 71	+18.125 105 46	55.46	−897.60	−55.17	3.94	2.23	3.50	4.98	2.92	+22 − 2 −39 −58 −20 −20 −24 − 8 + 3 + 4	0	1.62
43511 H	08 51 44.98	−06 47 03.5	7.75	H	132.937 415 76	−06.784 308 67 A	4.40	−24.79	9.26	1.11	0.70	1.22	1.24	0.69	−17 +18 +12 −22 −26 −11 −12 +10 +10 −41	3	0.08
43512 H	08 51 45.33	−58 21 57.6	8.11	G	132.938 865 67	−58.366 002 67 A	4.07	5.76	−12.24	1.13	1.06	1.01	0.98	0.95	− 7 −15 + 8 + 7 − 2 − 1 − 3 − 9 +11 −15	2	1.03
43513	08 51 45.57	−55 48 31.9	6.69	H	132.939 868 13	−55.808 868 75	2.64	−16.14	5.96	0.44	0.40	0.47	0.48	0.43	+ 8 − 2 + 0 + 3 − 6 + 5 − 6 + 1 − 7 − 2	0	−1.39
43514	08 51 46.14	−40 00 09.1	8.65	H	132.942 238 22	−40.002 526 07	1.80	−1.69	−5.54	0.65	0.72	0.99	0.70	0.80	+12 +21 +22 +10 + 3 +20 − 7 −12 −15 − 8	1	−0.90
43515	08 51 46.35	+52 30 52.1	9.24	2 H	132.943 106 97	+52.514 475 16	−0.22	−8.57	−6.21	1.33	0.85	1.40	1.68	0.89	+13 +10 −13 −17 + 9 − 6 + 7 −22 +12 +41	0	−0.55
43516	08 51 46.98	+04 56 26.9	10.34	G	132.945 734 06	+04.940 792 84	20.05	177.80	−196.04	1.80	1.38	2.37	2.09	1.38	−48 +52 −55 + 0 +28 −20 + 1 +34 −24 −14	0	−1.06
43517	08 51 48.12	−29 27 50.9	8.35	G	132.950 516 28	−29.464 143 24	6.95	34.96	−32.65	0.58	0.62	0.95	0.72	0.74	+ 5 − 7 + 1 − 6 − 1 +18 − 2 − 4 +10 − 6	0	0.65
43518	08 51 48.89	+04 16 53.1	8.69	H	132.953 693 45	+04.281 404 81	1.03	−4.98	5.01	1.04	0.85	1.36	1.47	0.94	−37 +16 −34 − 7 +33 −33 +18 +12 −11 −22	0	−0.79
43519	08 51 49.36	+11 53 38.9	7.83	H	132.955 674 79	+11.894 145 28	4.42	−11.94	4.08	1.04	0.74	1.26	1.34	1.01	−45 − 3 −22 −27 +39 −26 +40 + 3 −22 −45	2	1.92
43520	08 51 50.05	−44 09 03.4	6.38	H	132.958 523 55	−44.150 947 57	2.54	−12.87	6.66	0.47	0.45	0.59	0.54	0.44	+ 7 −10 +26 − 7 + 0 − 5 + 0 −13 + 3 + 9	0	−0.71
43521	08 51 51.19	−02 12 59.2	9.60	H	132.963 280 31	−02.216 440 47	−0.69	0.20	2.25	1.26	0.67	1.42	1.67	0.72	−10 +24 −12 −13 −29 − 5 −13 + 7 +12 −44	0	0.48
43522	08 51 51.72	+38 54 19.1	8.87	G	132.965 510 30	+38.905 300 38	13.31	−64.53	−43.29	1.01	0.68	1.18	1.20	0.85	−30 +16 − 9 −25 −17 − 4 − 8 + 5 + 5 −58	0	−0.64
43523	08 51 51.89	+66 26 55.3	7.85	H	132.966 206 38	+66.448 691 23	2.55	3.78	15.45	0.48	0.57	0.96	0.59	0.66	+37 + 8 −11 + 7 − 7 +12 − 4 +16 + 6 +40	0	−0.66
43524 H	08 51 52.75	−63 40 52.2	8.95	G	132.969 790 95	−63.681 170 34 A	11.01	−91.82	−17.66	1.66	1.58	1.61	1.54	1.52	+ 3 +27 + 7 −33 −16 −22 −11 −19 + 6 −31	3	2.25
43525	08 51 54.17	+58 07 36.1	8.40	G	132.975 689 15	+58.126 699 97	9.48	−13.48	−0.42	0.77	0.75	1.07	0.96	0.87	−10 +15 + 1 − 8 + 2 − 2 + 3 − 4 +12 +13	0	0.79
43526	08 51 54.71	−60 42 06.5	9.38	H	132.977 969 48	−60.701 812 44	6.53	−11.01	14.82	0.79	0.79	0.90	0.82	0.90	+ 1 −13 − 2 + 8 −14 + 8 −22 − 8 +13 −36	1	0.98
43527	08 51 55.56	−14 39 09.3	9.81	G	132.981 508 73	−14.652 594 55	0.41	0.62	−5.49	1.01	0.82	1.40	1.34	0.86	−18 − 2 +16 + 6 −32 −38 −22 +27 + 7 −37	0	−0.88
43528	08 51 55.60	−40 59 11.8	6.49	H	132.981 671 58	−40.986 598 24	2.93	−9.48	5.78	0.40	0.43	0.56	0.44	0.45	+14 +10 +20 + 8 + 1 + 6 − 2 − 7 − 2 + 6	1	−0.70
43529	08 51 56.25	+03 01 27.7	9.03	H	132.984 365 44	+03.024 353 43	4.43	−4.42	−22.33	1.13	0.84	1.44	1.66	0.94	−23 +22 −34 − 3 +47 −35 +28 +14 −18 − 5	0	−0.97
43530	08 51 56.32	+11 08 09.4	7.47	H	132.984 669 11	+11.135 953 97	4.58	10.54	−21.01	0.93	0.65	1.06	1.16	0.90	−46 +29 −19 −18 +33 − 9 +31 +10 −15 −52	0	0.93
43531	08 51 56.84	+43 43 35.4	5.15	H	132.986 842 64	+43.726 491 96	11.91	−13.91	45.63	0.66	0.45	0.72	0.78	0.50	−21 +24 −25 −21 + 5 − 2 + 3 −14 − 4 −13	2	0.36
43532	08 51 57.84	+25 43 40.6	8.45	G	132.990 993 16	+25.727 947 23	6.07	−43.53	−0.48	1.38	0.74	1.39	2.06	1.32	−29 +27 −16 −29 − 2 −14 −10 +53 −20 −21	0	−0.11
43533	08 51 58.82	−27 38 29.7	7.63	H	132.995 103 91	−27.641 590 38	6.51	−4.07	6.30	0.48	0.53	0.77	0.52	0.58	−18 − 6 + 4 +13 −13 +10 −13 +13 − 7 −25	0	−0.20
43534	08 52 00.21	+66 07 52.5	9.26	G	133.000 881 05	+66.131 255 03	60.63	91.83	97.56	0.84	0.80	1.41	1.11	0.93	+36 + 7 −10 +39 − 5 +21 + 1 +20 + 8 +38	1	1.61
43535	08 52 00.46	+25 43 07.4	7.54	H	133.001 897 62	+25.718 730 93	3.23	−2.41	−38.34	1.16	0.59	1.16	1.41	1.02	−20 +13 −17 −43 −10 −26 − 5 +46 −22 −29	0	0.41
43536	08 52 02.46	−46 17 19.9	7.88	G	133.010 248 34	−46.288 871 69	3.70	−12.14	11.20	0.53	0.53	0.66	0.69	0.69	+ 5 − 2 +11 −11 +10 +15 + 8 −17 − 4 − 8	0	0.55
43537	08 52 02.54	−38 42 31.1	8.42	H	133.010 582 59	−38.708 644 68	0.35	2.96	−7.13	0.65	0.69	0.90	0.63	0.67	− 5 −13 +18 −22 + 1 + 9 + 0 −21 − 9 − 5	1	−0.83
43538	08 52 02.89	+22 00 27.3	9.01	H	133.012 041 97	+22.007 575 11	4.96	0.23	−17.97	2.89	2.08	3.19	4.16	2.81	−18 +13 −30 −13 +10 − 1 + 8 + 4 − 4 − 7	0	
43539 H	08 52 03.40	+04 27 58.1	7.20	H	133.014 168 94	+04.466 138 49 A	8.03	−4.71	−1.75	1.28	1.03	1.52	1.64	1.02	−51 +34 −46 + 5 + 2 −16 −13 +43 −19 −35	1	0.57
43540	08 52 03.58	+18 53 39.8	8.55	H	133.014 899 64	+18.894 381 91	3.33	−7.59	−35.97	1.14	0.74	1.19	1.30	0.94	+ 7 +13 −33 −35 − 5 −33 +15 − 2 − 4 − 7	0	−0.43
43541	08 52 04.40	−27 29 01.5	9.12	3 T	133.018 331 68	−27.483 755 55	2.71	−4.31	6.64	0.63	0.78	1.06	0.66	0.83	−20 − 4 + 9 + 8 −19 + 6 −17 +22 −13 −31	0	0.71
43542	08 52 05.02	+50 24 35.0	8.96	H	133.020 937 40	+50.409 712 20	6.50	−29.43	−20.14	1.05	0.75	1.37	1.45	0.83	+ 2 + 7 −10 − 8 +12 +18 +15 −23 +36 +48	5	1.54
43543	08 52 05.49	+47 33 51.5	8.16	H	133.022 875 01	+47.564 303 19	17.21	47.65	−205.01	0.94	0.61	1.04	1.33	0.65	− 2 +22 − 7 +26 +29 + 5 +45 −19 +18 +56	2	−0.30
43544	08 52 06.15	+54 54 57.0	9.70	H	133.025 644 17	+54.915 822 09	3.11	−19.26	−6.18	1.17	0.81	1.29	1.55	0.96	− 1 +28 −13 − 3 − 6 + 1 − 9 −14 − 8 −11	0	1.43
43545	08 52 07.74	+46 06 21.8	9.46	H	133.032 236 86	+46.106 043 93	7.70	7.42	−34.43	1.20	0.75	1.34	1.39	0.69	−21 +20 −20 −29 +15 − 7 +17 −42 +19 +22	0	0.53
43546	08 52 08.18	+81 56 00.4	10.20	H	133.034 100 79	+81.933 448 76	2.00	4.11	−1.53	1.05	0.91	1.26	1.40	1.05	+ 1 +14 + 0 −27 − 8 −12 − 8 −21 − 6 + 5	1	0.51
43547	08 52 08.54	+15 17 22.6	8.97	H	133.035 572 51	+15.289 617 14	3.24	−3.66	−13.53	1.31	0.79	1.26	1.74	1.10	+ 2 +25 −11 −33 − 4 −17 − 5 − 2 + 3 + 2	3	1.87
43548	08 52 09.46	+24 18 31.5	8.57	H	133.039 422 52	+24.308 760 54	5.61	3.30	−13.95	1.15	0.55	1.19	1.40	0.98	−18 − 3 −11 −45 +16 −14 +24 +10 −42 −22	0	−1.15
43549	08 52 09.68	+29 51 13.5	7.08	H	133.040 342 39	+29.853 740 49	5.97	−29.53	−9.95	0.76	0.52	0.90	0.92	0.89	−35 +20 − 3 −16 + 3 −20 +10 +22 −16 −45	0	−1.38
43550	08 52 10.05	+42 00 10.4	5.98	H	133.041 877 82	+42.002 885 43	6.80	−32.72	−61.99	0.69	0.46	0.82	0.80	0.54	−35 +41 −17 + 8 −11 −16 −14 + 7 − 1 −44	2	0.69
43551	08 52 10.14	+29 08 02.9	8.31	G	133.042 260 90	+29.134 142 76	6.38	3.34	−13.06	1.10	0.65	1.16	1.57	1.10	−13 +21 + 1 +27 +10 −24 +16 +48 + 4 −12	0	−1.07
43552	08 52 11.04	+20 08 37.6	10.49	G	133.046 014 10	+20.143 785 26	20.56	192.74	−149.53	1.87	1.36	2.17	2.30	1.63	+ 4 − 8 −43 −15 +18 −29 + 8 − 8 −15 + 1	0	−0.69
43553	08 52 11.78	+45 18 46.4	5.96	H	133.049 073 27	+45.312 900 10	6.06	−11.02	−33.32	0.71	0.49	0.81	0.79	0.48	−27 +29 −31 −14 + 0 −22 − 6 −11 + 1 −26	0	0.23
43554	08 52 12.67	+25 09 32.5	8.75	H	133.052 808 34	+25.159 030 46	4.45	13.48	−14.68	1.42	0.66	1.58	1.65	1.19	−30 + 2 −31 −55 +23 −15 +23 +18 −51 −28	0	1.25
43555	08 52 14.64	+06 54 31.6	8.51	H	133.061 008 81	+06.908 781 61	4.00	−6.93	−5.15	0.97	0.70	1.21	1.30	0.77	−30 +39 −32 −14 +22 −39 + 9 +24 + 6 −15	0	1.06
43556	08 52 15.61	−51 44 12.7	9.07	H	133.065 038 59	−51.736 850 10	3.44	−2.75	9.35	0.90	0.85	1.03	1.11	0.90	+ 2 − 7 +24 + 3 − 3 + 5 − 3 −18 − 5 + 7	3	−0.75
43557	08 52 16.30	+08 03 48.6	6.57	2 G	133.067 918 78	+08.063 492 65	41.42	153.13	−235.45	0.95	0.61	1.19	1.15	0.66	−34 +46 −46 −14 +32 −32 +18 +18 + 2 −16	0	0.97
43558	08 52 16.36	−18 36 57.4	7.64	H	133.068 174 31	−18.615 933 13	13.52	−50.35	−4.31	0.69	0.61	0.89	0.89	0.62	−22 +19 −18 + 5 + 7 −13 + 8 +22 + 1 −50	0	1.19
43559	08 52 16.72	−13 20 44.5	9.08	H	133.069 654 80	−13.345 691 90	2.24	−9.47	16.06	1.03	0.68	1.33	1.26	0.73	−12 +18 − 1 −22 −23 − 8 −14 +20 − 1 −27	0	−1.55
43560	08 52 16.96	+38 14 52.2	9.63	H	133.070 681 85	+38.247 820 62	0.88	−8.28	−16.60	1.20	0.81	1.45	1.33	1.01	−38 + 8 − 9 −35 − 4 + 3 + 2 − 7 − 6 −64	3	0.40
43561	08 52 17.08	+34 06 09.8	9.18	H	133.071 155 78	+34.102 719 10	4.11	−11.87	2.15	1.34	0.82	1.39	1.63	1.09	− 6 +25 −23 +16 +19 − 5 +16 +14 −12 + 0	0	0.12
43562	08 52 17.66	−27 45 23.7	9.71	1 H	133.073 575 04	−27.756 593 94	4.36	−94.23	44.10	0.83	0.86	1.29	0.89	0.94	−17 − 1 − 5 +13 −16 + 8 −17 + 0 −13 −24	1	4.18
43563	08 52 18.85	−68 44 00.9	8.16	1 H	133.078 548 92	−68.733 572 44	0.42	−10.35	15.42	0.70	0.66	0.75	0.86	0.75	+ 4 +18 − 6 −16 − 3 − 7 + 1 −19 +24 −15	0	−1.36
43564	08 52 20.02	+19 21 02.8	8.50	G	133.083 416 24	+19.350 784 37	1.54	−1.01	−2.72	0.94	0.71	1.16	1.22	0.87	−11 +18 −44 −16 +12 −41 − 4 + 3 +14 −13	0	−0.84
43565	08 52 20.43	−12 48 30.4	6.83	H	133.085 114 87	−12.808 441 06	19.49	−26.19	−103.94	0.63	0.44	0.82	0.80	0.50	−18 +18 − 3 −11 −12 −14 − 7 +20 − 2 −33	0	0.73
43566	08 52 21.78	−56 14 31.6	7.21	G	133.090 741 53	−56.242 116 51	2.72	−4.29	7.19	0.47	0.43	0.50	0.48	0.46	− 1 +12 + 4 +11 −10 + 9 −12 + 6 − 6 −15	1	−2.96
43567	08 52 21.82	+44 53 51.7	8.10	G	133.090 919 96	+44.897 690 82	3.61	−35.26	−26.75	0.88	0.66	1.02	0.97	0.75	−27 +31 −20 − 6 −13 −11 −15 + 5 − 5 −43	0	−0.18
43568	08 52 23.67	−53 19 33.0	7.99	H	133.098 629 14	−53.325 844 51	5.57	−6.12	10.39	0.54	0.49	0.59	0.64	0.56	+ 6 +17 +14 + 8 − 7 − 7 − 6 +17 − 4 − 7	0	−1.15
43569	08 52 24.01	+13 14 01.1	7.84	H	133.100 056 40	+13.233 649 90	11.81	−121.82	−89.36	1.23	0.80	1.38	1.36	1.06	−31 +26 −28 −42 +14 − 4 + 5 − 2 −35 −28	0	−0.03
43570 H	08 52 24.18	+05 20 25.2	6.34	G	133.100 765 14	+05.340 329 96 A	5.96	−1.92	−7.87	1.11	0.87	1.38	1.45	0.82	−28 +52 −53 − 1 +39 −31 +16 +21 −12 − 1	2	−0.72
43571 H	08 52 24.72	−55 20 30.0	6.79	G	133.103 001 88	−55.341 677 60 A	7.05	−11.40	9.53	0.57	0.52	0.54	0.60	0.52	− 2 − 5 + 6 −21 − 6 − 5 − 7 − 3 − 6 − 7	1	−1.09
43572	08 52 25.24	−21 29 33.1	8.39	H	133.105 183 82	−21.492 537 04	2.96	−4.73	−10.36	0.73	0.59	0.99	0.89	0.62	−15 + 7 −13 + 7 −14 + 1 −11 +39 − 6 −24	0	1.77
43573	08 52 26.14	−32 30 33.5	6.49	G	133.108 935 90	−32.509 302 96	4.04	−11.92	−8.01	0.36	0.46	0.69	0.41	0.48	+29 − 2 + 2 − 6 + 8 + 9 + 6 − 1 +16 +29	1	0.74
43574	08 52 26.35	−07 43 52.1	8.16	H	133.109 796 89	−07.731 137 29	0.26	1.63	−2.17	0.81	0.52	1.00	0.93	0.57	−10 +20 − 4 −25 −18 −26 −13 +13 − 3 −26	0	−1.15
43575	08 52 28.60	+28 15 33.0	6.25	2 H	133.119 169 08	+28.259 176 08 *	3.68	−18.03	−7.03	1.83	1.06	1.18	1.49	1.15	−57 + 6 −13 +11 − 5 −36 −16 +50 −12 −21	9	0.37
43576	08 52 29.01	−64 45 18.6	8.45	H	133.120 877 96	−64.755 156 81	4.61	−7.79	27.35	0.64	0.65	0.74	0.68	0.68	−14 − 9 +12 +11 − 7 −18 − 8 + 0 +20 −29	1	−0.08
43577	08 52 29.32	+47 36 32.6	8.75	H	133.122 149 99	+47.609 056 96	1.87	−13.00	−34.05	1.06	0.74	1.26	1.47	0.75	−18 +18 − 2 +20 +20 − 1 +45 −36 +12 +51	0	−0.04
43578	08 52 29.42	−09 57 12.4	8.75	H	133.122 579 18	−09.953 439 72	4.18	−10.23	−16.01	1.04	0.57	1.17	1.33	0.58	−10 +20 + 2 −14 −33 + 0 −16 +27 +11 −33	2	0.33
43579	08 52 29.43	−48 29 30.0	8.53	H	133.122 608 75	−48.491 669 82	1.06	−4.39	12.55	0.61	0.58	0.69	0.71	0.66	+14 − 1 − 7 −11 − 9 + 1 − 9 − 2 + 7 +14	1	−0.80
43580	08 52 30.74	−13 13 58.6	6.12	G	133.128 102 56	−13.232 944 24	9.65	29.11	0.90	0.68	0.44	0.88	0.83	0.47	−12 +27 + 0 −11 −20 − 8 −12 +25 + 1 −28	0	−0.61
43581	08 52 32.70	−62 51 39.2	7.92	H	133.136 230 14	−62.860 879 17	2.26	−6.66	12.79	0.53	0.52	0.59	0.49	0.51	+ 2 + 5 +12 −17 −21 −13 −21 −15 + 2 −21	0	1.18
43582	08 52 34.07	+09 04 02.6	8.50	H	133.141 961 85	+09.067 381 19	1.35	−5.09	−13.55	1.11	0.87	1.31	1.66	1.18	−43 +23 −24 − 4 + 8 +10 + 7 +26 −17 −47	0	−0.54
43583	08 52 34.33	−63 36 21.0	7.79	H	133.143 059 42	−63.605 838 72	3.65	−15.23	8.11	0.65	0.56	0.67	0.65	0.58	+ 6 +28 + 0 −32 −13 −18 − 8 −25 +10 −19	0	0.71
43584	08 52 34.62	+32 28 26.8	5.67	H	133.144 267 83	+32.474 123 31	16.01	−3.78	13.88	0.78	0.54	0.91	0.97	0.84	−19 +16 + 1 −13 − 2 −26 + 0 +26 −15 −24	2	1.36
43585	08 52 35.46	−15 45 06.1	7.72	H	133.147 758 67	−15.751 685 28	3.72	−10.60	5.70	0.79	0.47	0.93	0.89	0.49	+ 3 +24 + 0 −22 −17 + 3 − 9 +18 + 5 −11	0	−1.64
43586	08 52 35.85	+65 50 42.8	10.34	H	133.149 378 27	+65.845 215 68	6.11	23.41	−22.15	1.17	1.16	2.05	1.43	1.38	+30 +25 +10 +22 −17 +27 −17 +20 +11 +28	2	0.43
43587	08 52 36.13	+28 19 53.0	5.96	G	133.150 553 77	+28.331 388 43	79.80	−485.48	−234.40	0.75	0.47	0.84	0.98	0.78	−16 +29 − 3 − 5 − 7 −38 + 0 +47 + 6 −27	0	0.31
43588	08 52 37.34	−45 17 25.8	9.35	H	133.155 599 27	−45.290 508 38	3.53	−33.56	21.05	0.97	0.97	1.23	1.23	1.02	− 5 −19 +28 +16 − 7 + 0 − 7 + 3 − 2 − 8	2	−0.03
43589	08 52 38.62	−48 21 32.8	5.92	H	133.160 904 45	−48.359 097 98	3.00	−13.44	0.33	0.44	0.43	0.52	0.52	0.57	+18 − 1 + 0 −11 −16 + 4 −16 −31 + 0 +24	1	0.33
43590	08 52 38.70	−36 32 43.2	6.41	H	133.161 255 60	−36.545 336 85	3.07	−7.92	−2.17	0.39	0.42	0.58	0.39	0.42	+16 − 5 − 1 − 9 − 1 +16 − 1 −14 +12 +14	1	0.16
43591	08 52 38.75	−29 59 25.3	8.41	H	133.161 445 71	−29.990 370 18	1.72	6.04	−4.45	0.48	0.65	0.99	0.64	0.74	+ 5 + 0 −13 +14 −14 +23 −12 −15 +27 + 3	0	0.43
43592	08 52 39.97	+49 56 41.8	7.95	G	133.166 541 08	+49.944 952 55	7.21	5.87	2.14	0.83	0.54	0.85	1.07	0.68	− 3 +22 − 4 + 2 +15 − 5 +18 − 6 + 7 +29	0	1.16
43593 H	08 52 40.83	−52 07 44.2	6.39	G	133.170 117 19	−52.128 941 76 A	7.19	−16.52	14.79	0.71	0.62	0.70	0.81	0.60	−10 −11 +23 + 7 − 2 + 9 − 4 + 1 − 7 − 3	7	−0.35
43594	08 52 41.50	−40 59 00.5	7.69	H	133.172 900 40	−40.983 466 69	3.70	−8.31	−0.12	0.49	0.57	0.71	0.58	0.65	+12 + 6 +15 + 1 + 3 + 6 + 0 − 6 −16 − 2	0	−0.09
43595	08 52 44.62	+22 33 32.2	10.83	G	133.185 920 51	+22.558 944 83	7.01	−179.73	−224.95	2.02	1.67	2.38	2.53	2.13	−38 +18 −41 −33 +35 −25 +25 −23 −16 −29	0	0.66
43596	08 52 46.06	+39 23 29.7	9.03	H	133.191 927 03	+39.391 576 43	7.51	12.78	−42.15	1.07	0.74	1.18	1.32	0.94	−25 +13 − 1 −23 −31 − 3 −17 +21 − 1 −57	0	0.28
43597	08 52 46.18	−26 56 50.9	9.01	H	133.192 435 92	−26.947 471 12	17.27	−27.95	41.46	0.72	0.78	1.18	0.85	0.83	−11 + 1 −17 −11 −18 +11 −14 +21 − 2 −15	1	−0.08
43598 H	08 52 46.61	−74 46 57.8	9.33	H	133.194 213 95	−74.782 717 04 A	5.61	−26.05	6.11	1.23	1.22	1.24	1.36	1.17	− 6 +12 +18 +15 + 2 − 5 + 5 +16 −11 − 3	0	−1.13
*43599	08 52 47.36	−41 26 04.4	10.55	H	133.197 344 76	−41.434 551 10 B	7.51	30.17	24.57	19.91	21.34	9.14	13.78	14.22	+21 +11 +13 − 9 − 3 +17 − 7 −15 − 5 +13	2	2.02
*43600	08 52 47.31	−55 59 31.3	8.23	H	133.197 126 98	−55.992 022 30	3.88	−11.27	−10.46	0.59	0.56	0.64	0.62	0.59	+ 4 + 3 + 0 + 2 − 8 + 9 −10 −11 − 5 −10	0	−2.12

No.	Tycho Magnitudes					Colour Indices					Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
43501	9.667	0.023	9.225	0.023		0.417	0.030	T	0.48	0.03	L	9.3089	0.0019	0.018	87		9.27	9.34		C			1							
43502	9.930	0.024	9.012	0.017		0.813	0.022	T	0.84	0.02	L	9.0356	0.0016	0.014	96		9.02	9.06		C			1							
43503	10.132	0.028	9.041	0.019		0.943	0.026	T	0.93	0.02	L	9.1197	0.0026	0.019	79		9.09	9.15		C			1							
43504	9.374	0.016	9.222	0.020		0.138	0.024	T	0.15	0.03	L	9.2626	0.0021	0.018	119		9.23	9.29		C			1							
43505	9.514	0.025	9.000	0.024		0.483	0.031	T	0.55	0.03	L	9.0285	0.0024	0.017	84		9.00	9.05		C			1							S
43506	10.507	0.046	9.393	0.028		0.960	0.042	T	0.95	0.03	L	9.4595	0.0025	0.018	74		9.42	9.49		C			1							
43507	8.655	0.011	8.193	0.011		0.449	0.012	T	0.52	0.01	L	8.2479	0.0016	0.013	112		8.22	8.27					1							S
43508	7.578	0.007	7.617	0.009		−0.031	0.010	T	−0.01	0.01	L	7.6177	0.0011	0.010	97		7.59	7.64					1							S
43509	8.130	0.007	8.127	0.009	*	0.007	0.010	T	0.03	0.01	L	*	8.1309	0.0014	0.016	153	*	8.10	8.16		D	08517−3109	I 1	2 C	A	AB	238	0.241	0.004	0.70	0.08	
43510						1.481	0.002	G	1.96	0.01	I	11.5950	0.0109	0.050	48		11.48	11.69					1							G
43511	7.787	0.008	7.719	0.010	*	0.068	0.012	T	0.08	0.01	L	*	7.7746	0.0013	0.011	101	*	7.76	7.79		D	08518−0648	I 1	2 C	A	AB	166	5.936	0.010	2.81	0.06	S
43512	8.418	0.017	7.999	0.018	*	0.400	0.042	G	0.47	0.05	R	*	8.2178	0.0015	0.015	138	–	8.19	8.24		D	08518−5822	I 1	3 C	B							G
43513	6.626	0.004	6.683	0.004		−0.043	0.007	G	−0.02	0.01	H		6.6872	0.0008	0.007	123		6.67	6.70		C			1							S
43514	9.856	0.019	8.750	0.013		0.954	0.018	T	0.94	0.01	L		8.8129	0.0015	0.017	138		8.78	8.84					1							
43515	11.260	0.070	9.481	0.026		1.512	0.062	T	2.59	0.09	O		9.2453	0.0073	0.057	86		9.17	9.36		U 2			1	S						
43516	11.845	0.136	10.475	0.065		1.110	0.020	G	1.19	0.03	I		10.4257	0.0039	0.038	71		10.39	10.51		R			1							G
43517	8.924	0.010	8.408	0.010		0.505	0.015	G	0.58	0.02	H		8.4586	0.0012	0.017	156		8.43	8.48		D			1							
43518	10.875	0.057	8.877	0.019		1.656	0.048	T	1.68	0.05	L		8.7989	0.0014	0.013	71		8.77	8.82		C			1							
43519	9.273	0.015	7.952	0.009		1.102	0.018	G	1.09	0.02	A		8.0006	0.0016	0.011	89		7.98	8.02		C			1	S						S
43520	6.186	0.004	6.341	0.003		−0.150	0.004	G	−0.15	0.01	H		6.3245	0.0009	0.008	105		6.31	6.34					1							S
43521	11.833	0.107	9.760	0.026		1.754	0.091	T	1.73	0.17	K		9.7075	0.0027	0.022	127		9.68	9.75					1							
43522	9.591	0.019	8.913	0.017		0.590	0.015	G	0.66	0.01	H		8.9905	0.0023	0.018	109		8.96	9.02					1							
43523	9.117	0.009	7.953	0.006		0.999	0.008	T	0.98	0.01	L		8.0132	0.0011	0.014	233		7.99	8.04					1							S
43524	9.652	0.024	8.969	0.021	*	0.628	0.005	G	0.70	0.00	H	*	9.0802	0.0029	0.020	112	*	9.05	9.12		D	08519−6341	I 1	2 C	A	AB	340	7.422	0.011	1.63	0.05	
43525	8.903	0.013	8.449	0.013		0.451	0.015	G	0.52	0.02	H		8.5050	0.0022	0.018	95		8.48	8.55					1							S
43526	9.974	0.027	9.445	0.026		0.496	0.034	T	0.57	0.04	L		9.4897	0.0019	0.019	105		9.46	9.52		C	08519−6042	I 1	1	S						
43527	11.055	0.052	9.918	0.031		0.990	0.015	G	0.94	0.02	A		9.9662	0.0029	0.022	100		9.93	10.00		C			1	S						G
43528	6.353	0.003	6.472	0.003		−0.106	0.003	G	−0.09	0.00	H		6.4611	0.0006	0.007	146		6.45	6.47		C			1							S
43529	9.507	0.023	9.069	0.023		0.413	0.030	T	0.48	0.03	L		9.1216	0.0013	0.012	59		9.10	9.14		C			1							
43530	9.066	0.013	7.607	0.008		1.230	0.012	T	1.19	0.01	L		7.6363	0.0012	0.009	108		7.62	7.65		C			1							S
43531	6.388	0.004	5.261	0.003		0.971	0.002	G	0.96	0.00	H		5.3155	0.0004	0.004	77		5.31	5.32					1							S
43532	9.157	0.015	8.459	0.013		0.620	0.020	G	0.69	0.02	H		8.5750	0.0018	0.017	106		8.54	8.60			08520+2543	I 2	1							S
43533	8.031	0.007	7.669	0.008		0.352	0.015	G	0.41	0.02	H		7.7129	0.0012	0.014	153		7.69	7.74					1							S
43534	11.005	0.033	9.424	0.014		1.319	0.013	G	1.52	0.02	I		9.3503	0.0018	0.022	227		9.31	9.40					1							
43535	9.108	0.020	7.672	0.011		1.212	0.018	T	1.17	0.02	L		7.7082	0.0008	0.011	106		7.69	7.72			08520+2543	I 2	1							S
43536	7.767	0.009	7.873	0.011		−0.092	0.013	T	−0.07	0.01	L		7.8594	0.0012	0.011	115		7.84	7.88					1							S
43537	10.317	0.025	8.589	0.011		1.442	0.022	T	1.44	0.04	L		8.5598	0.0017	0.020	145		8.53	8.60					1							
43538	10.373	0.055	9.137	0.033		1.055	0.050	T	1.02	0.04	L		9.1801	0.0018	0.013	48		9.15	9.21		C			1	X						
43539	7.330	0.009	7.152	0.010	*	0.171	0.012	T	0.19	0.01	L	*	7.2538	0.0011	0.007	69	*	7.24	7.26		D	08521+0428	I 1	2 C	A	AB	324	2.841	0.008	1.85	0.03	S
43540	10.035	0.035	8.653	0.019		1.169	0.031	T	1.13	0.03	L		8.7189	0.0021	0.012	49		8.70	8.73		C			1							
43541	9.026	0.014	9.108	0.020		−0.070	0.022	T	−0.05	0.02	L		9.0413	0.0232	0.294	156		8.92	9.72	0.66	P 1 A			1							
43542	9.473	0.018	8.984	0.017		0.460	0.023	T	0.53	0.02	L		9.0644	0.0021	0.015	91		9.04	9.09		C			1							
43543	8.809	0.013	8.212	0.012		0.557	0.013	T	0.63	0.01	L		8.2792	0.0020	0.015	99		8.26	8.31			08520+4735	I 1	1							S
43544	10.098	0.028	9.712	0.030		0.365	0.038	T	0.43	0.04	L		9.7811	0.0028	0.024	90		9.75	9.84		C			1							
43545	10.086	0.029	9.498	0.027		0.549	0.035	T	0.62	0.03	L		9.5814	0.0024	0.020	99		9.56	9.61		C			1							
43546	11.305	0.067	10.276	0.042		0.896	0.059	T	0.90	0.04	L		10.3560	0.0035	0.032	131		10.30	10.40		C			1							G
43547	10.170	0.040	9.066	0.026		0.952	0.037	T	0.94	0.03	L		9.1274	0.0021	0.017	54		9.09	9.15		C			1							
43548	8.840	0.015	8.610	0.017		0.219	0.021	T	0.24	0.02	L		8.6391	0.0018	0.012	94		8.62	8.67		C			1							S
43549	8.396	0.012	7.189	0.006		1.032	0.010	T	1.00	0.01	L		7.2431	0.0009	0.008	100		7.23	7.26					1							S
43550	7.607	0.006	6.124	0.004		1.251	0.001	G	1.21	0.00	H		6.1431	0.0008	0.005	85		6.13	6.15		C			1							S
43551	8.541	0.012	8.288	0.013		0.226	0.015	G	0.25	0.02	H		8.3564	0.0013	0.010	91		8.33	8.38		C			1							S
43552						0.930	0.015	G	0.98	0.02	I		10.5862	0.0048	0.029	54		10.54	10.64		C			1							G
43553	7.566	0.007	6.103	0.004		1.233	0.006	T	1.19	0.01	L		6.1256	0.0007	0.007	89		6.11	6.14		C			1							S
43554	9.167	0.016	8.785	0.016		0.362	0.021	T	0.42	0.02	L		8.8390	0.0017	0.013	103		8.82	8.86		C			1							
43555	9.939	0.029	8.644	0.018		1.101	0.027	T	1.06	0.03	L		8.6816	0.0013	0.013	73		8.66	8.71		D			1							
43556	10.944	0.053	9.184	0.020		1.467	0.045	T	1.48	0.07	L		9.2002	0.0018	0.017	108		9.17	9.23					1							
43557	7.359	0.009	6.663	0.007		0.640	0.010	G	0.72	0.07	F		6.7044	0.0012	0.007	60		6.70	6.76		U 2			1							S
43558	8.197	0.009	7.677	0.006		0.498	0.008	T	0.57	0.01	L		7.7456	0.0009	0.009	138		7.73	7.77		C			1	G						S
43559	10.191	0.028	9.148	0.019		0.906	0.025	T	0.91	0.02	L		9.2350	0.0022	0.018	106		9.21	9.26		C			1							
43560	10.692	0.038	9.700	0.025		0.868	0.034	T	0.88	0.03	L		9.7871	0.0026	0.026	136		9.75	9.83					1							
43561	9.568	0.020	9.215	0.021		0.335	0.027	T	0.39	0.04	L		9.2625	0.0030	0.022	79		9.23	9.30		C			1							
43562	10.423	0.043	9.756	0.037		0.570	0.020	G	0.64	0.02	H		9.8341	0.0026	0.027	141		9.79	9.89		U			1							G
43563	10.358	0.034	8.356	0.013		1.659	0.029	T	1.68	0.03	L		8.2669	0.0024	0.024	107		8.24	8.30		U			1							
43564	8.316	0.013	8.468	0.017		−0.128	0.005	G	−0.12	0.01	H		8.4696	0.0026	0.013	51		8.45	8.49					1							S
43565	7.492	0.006	6.896	0.005		0.553	0.008	G	0.61	0.02	A		6.9491	0.0006	0.007	109		6.94	6.96		C			1							S
43566	7.111	0.005	7.185	0.005		−0.076	0.006	G	−0.06	0.01	H		7.1929	0.0009	0.009	132		7.18	7.21		C			1							S
43567	8.654	0.012	8.156	0.011		0.483	0.015	G	0.55	0.02	H		8.2103	0.0015	0.013	94		8.19	8.23		C			1							S
43568	8.068	0.006	7.983	0.010		0.060	0.015	G	0.07	0.01	H		8.0116	0.0012	0.011	136		7.99	8.03					1							S
43569	9.136	0.022	7.955	0.014		0.990	0.020	G	0.97	0.02	H		8.0027	0.0017	0.010	52		7.99	8.02		C			1							S
43570	6.489	0.005	6.346	0.007	*	0.122	0.004	G	0.14	0.00	H	*	6.3745	0.0010	0.007	71	*	6.36	6.38		D	08524+0520	I 1	2 C	A	AB	310	0.725	0.019	3.02	0.05	S
43571	6.816	0.005	6.804	0.005	*	0.014	0.003	G	0.03	0.00	H	*	6.8053	0.0010	0.008	126	*	6.79	6.82		D	08524−5521	I 1	2 C	A	AB	49	0.937	0.008	2.97	0.03	S
43572	10.208	0.026	8.536	0.012		1.397	0.023	T	1.37	0.03	L		8.5311	0.0014	0.012	127		8.51	8.55		C			1							
43573	8.377	0.007	6.639	0.004		1.451	0.003	G	1.46	0.04	E		6.6235	0.0008	0.010	229		6.61	6.64					1							S
43574	9.304	0.015	8.259	0.010		0.908	0.014	T	0.91	0.01	L		8.3240	0.0016	0.014	131		8.30	8.35					1							S
43575	8.299	0.011	6.471	0.006		1.552	0.010	T	2.38	0.03	O		6.2848	0.0024	0.028	101		6.22	6.32		U 2	08525+2816	I 1	1 V							S P
43576	9.451	0.016	8.530	0.012		0.815	0.015	T	0.84	0.01	L		8.5998	0.0017	0.014	113		8.57	8.62		C			1							
43577	10.050	0.028	8.858	0.017		1.021	0.026	T	0.99	0.02	L		8.9136	0.0019	0.016	98		8.89	8.94		D			1							
43578	8.867	0.012	8.761	0.014		0.103	0.017	T	0.12	0.02	L		8.7897	0.0016	0.014	109		8.76	8.82		C			1							
43579	8.507	0.010	8.518	0.012		−0.009	0.015	G	0.01	0.01	H		8.5322	0.0025	0.019	131		8.50	8.57					1							
43580	7.596	0.006	6.241	0.004		1.142	0.002	G	1.08	0.04	E		6.2879	0.0008	0.007	113		6.28	6.30		C	08525−1314	I 1	1							S
43581	8.027	0.007	7.924	0.009		0.100	0.011	T	0.11	0.01	L		7.9561	0.0014	0.011	119		7.93	7.98		C			1							S
43582	10.516	0.043	8.686	0.017		1.554	0.038	T	1.84	0.12	O		8.5966	0.0018	0.014	72		8.57	8.61		C			1							
43583	9.580	0.018	7.952	0.009		1.363	0.016	T	1.33	0.02	L		7.9359	0.0015	0.012	113		7.92	7.96					1							
43584	5.936	0.004	5.691	0.004		0.224	0.006	G	0.21	0.03	C		5.7355	0.0007	0.005	80		5.72	5.75		C	08526+3229	I 1	1							S
43585	7.846	0.007	7.740	0.009		0.096	0.010	T	0.11	0.01	L		7.7572	0.0012	0.010	103		7.74	7.77					1							S
43586	11.473	0.048	10.459	0.030		0.885	0.042	T	0.89	0.03	L		10.4931	0.0032	0.052	261		10.40	10.57					1	S						G
43587	7.057	0.006	6.043	0.005		0.869	0.012	G	0.82	0.07	F		6.1054	0.0007	0.006	108		6.09	6.12		C			1							S
43588	10.263	0.028	9.457	0.022		0.729	0.027	T	0.78	0.02	L		9.4985	0.0022	0.027	120		9.46	9.54					1	S						G
43589	5.715	0.002	5.875	0.003		−0.148	0.007	G	−0.16	0.03	C		5.8594	0.0005	0.005	128		5.85	5.87					1	G						S
43590	7.062	0.004	6.474	0.004		0.549	0.005	T	0.62	0.01	L		6.5246	0.0005	0.008	162		6.51	6.54		D	08526−3633	I 1	1							S
43591	9.663	0.015	8.503	0.009		0.996	0.014	T	0.97	0.01	L		8.5719	0.0013	0.017	186		8.54	8.60					1							
43592	8.438	0.011	7.998	0.011		0.443	0.015	G	0.51	0.02	H		8.0497	0.0010	0.012	86		8.03	8.07		D			1							S
43593	6.562	0.008	6.608	0.010	A	0.003	0.002	G	0.02	0.00	H	*	6.4044	0.0010	0.007	105	*	6.39	6.42		D	08527−5208	I 1	2 C	A	AB	83	2.910	0.004	1.59	0.02	S
43594	8.953	0.011	7.805	0.007		0.986	0.010	T	0.97	0.01	L		7.8565	0.0010	0.010	139		7.84	7.88					1							
43595	11.447	0.118	11.125	0.150		0.617	0.017	G	0.69	0.01	H		10.9619	0.0051	0.033	55		10.89	11.02		C			1	S						G
43596	9.602	0.022	9.084	0.021		0.486	0.027	T	0.56	0.03	L		9.1375	0.0024	0.021	107		9.10	9.18					1							
43597	9.869	0.020	9.090	0.016		0.692	0.019	T	0.75	0.02	L		9.1502	0.0017	0.022	163		9.12	9.19					1							
43598	10.235	0.027	9.484	0.022	A	0.600	0.495	G	0.65	0.04	L	*	9.4580	0.0025	0.020	110	*	9.42	9.50		D	08528−7447	I 1	2 C	A	AB	295	8.502	0.021	2.77	0.11	
43599	11.167	0.068	10.340	0.050	B	0.745	0.064	T	0.79	0.04	L		10.4268	0.0588			B				D	08528−4126	I 2	1 C	I A						
43600	9.574	0.016	8.332	0.010		1.060	0.015	T	1.03	0.01	L		8.3972	0.0015	0.014	129		8.38	8.42		C			1							

Number HIP		Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag			Position: epoch J1991.25 α (ICRS) deg	δ deg		Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ mas/yr	Standard Errors α* mas	δ mas	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ mas/yr	Astrometric Correlations (%) δ/α*	π/α*	π/δ	$\mu_{\alpha*}$/α*	$\mu_{\alpha*}$/δ	$\mu_{\alpha*}$/π	μ_δ/α*	μ_δ/δ	μ_δ/π	μ_δ/$\mu_{\alpha*}$	Soln F1 %	F2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
*43601		08 52 47.77	−41 25 49.3	8.13		H	133.199 025 30	−41.430 374 11	A	1.35	7.11	8.84	1.49	1.72	1.62	1.47	1.67	+13	+13	+13	−1	+0	+16	−4	−7	−11	+2	2	2.02
*43602		08 52 47.75	−47 23 39.5	6.81		H	133.198 975 43	−47.394 299 93		3.52	1.76	−7.36	0.45	0.48	0.56	0.52	0.58	+10	−2	+3	+2	−7	−2	−9	−11	+6	−3	0	0.69
43603		08 52 48.02	−38 43 26.9	5.79	1	H	133.200 085 62	−38.724 131 06		3.72	−3.06	18.39	0.40	0.44	0.56	0.41	0.43	+9	−2	+8	−23	+4	+16	+2	−29	−8	+2	0	−0.53
43604		08 52 49.11	−69 49 50.3	7.44		H	133.204 613 43	−69.830 630 18		2.65	−9.97	13.74	0.55	0.53	0.62	0.65	0.59	+2	+21	−3	+2	−8	−3	−1	−17	+31	−5	0	1.79
43605		08 52 49.66	−58 31 01.1	8.43		H	133.206 914 64	−58.516 970 75		2.18	2.50	−1.33	0.63	0.59	0.68	0.66	0.62	+4	−11	−1	−4	−14	+6	−15	−9	+17	−5	0	1.35
43606		08 52 50.24	−23 44 01.9	10.83		G	133.209 324 79	−23.733 856 08		13.57	−10.01	248.08	1.29	1.14	1.76	1.36	1.18	−28	−5	−1	+19	−18	−1	−17	+29	−5	−33	1	−1.78
43607		08 52 52.25	+59 18 11.5	10.54		H	133.217 715 92	+59.303 203 20		8.56	−12.67	3.63	2.24	1.87	3.01	2.46	1.81	+15	+2	−6	−9	−22	−5	−20	−7	−4	+36	0	
43608		08 52 52.28	−11 43 04.4	7.63		H	133.217 829 81	−11.717 884 63		1.89	−6.86	−3.14	0.79	0.53	1.03	0.99	0.58	−13	+20	−1	−1	−22	−19	−15	+27	+3	−34	0	1.73
43609		08 52 54.34	−43 45 11.5	7.59		H	133.226 429 62	−43.753 200 28		4.64	18.11	4.69	0.58	0.58	0.76	0.68	0.59	−1	+0	+24	+0	−4	−12	−2	−4	+3	−5	0	0.48
43610		08 52 54.48	−65 28 10.9	8.63		H	133.227 005 25	−65.469 703 57		1.69	−7.62	7.56	0.68	0.63	0.71	0.79	0.71	+1	+10	+2	−11	+3	−2	+5	−11	+12	−19	0	0.73
43611		08 52 56.35	−59 50 15.9	7.95		H	133.234 777 37	−59.837 759 08		2.18	−7.58	11.15	0.59	0.56	0.66	0.69	0.64	+7	−4	−9	+5	−1	−3	−6	−20	+30	−12	0	−0.21
43612		08 52 57.56	−00 09 30.2	8.65		G	133.239 817 59	−00.158 376 73		3.09	−2.82	2.95	0.90	0.59	1.12	1.05	0.59	−35	+24	−25	−9	−4	−8	−6	+5	−10	−43	0	1.96
43613		08 52 58.75	+16 21 25.0	7.83		H	133.244 773 89	+16.356 947 14		3.81	−9.39	−30.25	1.10	0.78	1.13	1.33	1.13	−1	+1	−20	−40	−3	−28	−6	−13	+0	−25	0	0.68
43614		08 52 59.27	+23 17 44.4	9.51		H	133.246 962 41	+23.295 671 76		−2.25	−8.83	0.88	1.32	0.99	1.57	1.59	1.52	−23	−1	−11	−37	+23	−19	+21	−31	−38	−28	0	0.98
43615	H	08 52 59.47	+68 16 38.7	9.78		H	133.247 778 53	+68.277 409 18	A	7.59	−41.97	−53.09	3.68	3.85	4.16	2.79	3.25	+20	+12	+0	+8	+11	−5	+12	+7	+2	+44	2	1.19
43616		08 53 00.11	+29 57 41.9	7.35		H	133.250 464 00	+29.961 626 98		8.13	−20.30	−37.84	0.81	0.55	0.94	0.95	0.89	−34	+25	−3	−17	−2	−24	+3	+33	−11	−41	2	−0.81
43617		08 53 00.60	−69 07 08.9	9.64		H	133.252 520 32	−69.119 136 47		11.54	−116.95	41.60	0.89	0.88	0.99	1.08	1.08	−3	+20	−8	+10	−3	+2	−1	−14	+22	−13	1	−1.19
43618		08 53 01.54	+09 11 08.8	8.61		H	133.256 406 52	+09.185 784 30		16.49	119.41	−273.47	1.13	0.94	1.36	1.78	1.30	−47	+25	−37	+1	−1	+10	−3	+37	−25	−50	0	−0.16
43619		08 53 01.99	−51 29 08.7	8.75		H	133.258 292 33	−51.485 753 83		−0.47	−12.70	9.61	0.71	0.70	0.85	0.85	0.69	−2	−1	+33	+10	−1	−3	+1	−15	−5	+3	0	1.10
43620		08 53 03.80	−56 38 58.5	6.02		H	133.265 843 78	−56.649 573 71		11.01	−22.86	36.45	0.41	0.39	0.45	0.43	0.42	+4	+7	+2	+20	−11	+17	−14	+2	−6	−10	0	−2.32
43621		08 53 04.93	−35 14 28.1	8.73		H	133.270 528 55	−35.241 145 57		4.22	−5.91	6.71	0.61	0.66	0.89	0.64	0.65	+8	−1	+6	−22	+3	+1	+2	−15	+0	+15	0	−1.63
43622		08 53 05.09	−37 22 20.3	9.05		H	133.271 192 16	−37.372 307 52		0.87	−2.71	−1.47	0.66	0.83	0.99	0.72	0.86	+15	+6	+6	+10	+1	+17	−3	−9	−8	+2	1	−1.01
43623		08 53 05.35	−16 57 08.5	6.43		H	133.272 277 15	−16.952 348 12		7.81	−52.57	−50.74	0.67	0.45	0.88	0.79	0.47	−13	+1	−13	+45	+4	−8	−2	+37	−9	−35	1	−0.49
43624		08 53 05.93	+59 03 22.1	6.35		H	133.274 705 67	+59.056 142 82		16.19	15.50	−1.18	0.54	0.47	0.73	0.63	0.48	+9	+7	−14	−15	−21	+8	−22	+4	+3	+32	0	1.07
43625		08 53 06.13	+52 23 24.5	6.92		H	133.275 538 96	+52.390 146 22		28.08	−34.11	34.27	0.78	0.52	0.85	0.97	0.54	+0	+7	−25	−17	+3	−8	+1	−17	+8	+14	0	−1.43
43626		08 53 06.20	−22 07 01.1	8.06		H	133.275 819 17	−22.116 969 64		11.03	−43.89	−6.09	0.62	0.61	1.04	0.80	0.64	−17	+13	−4	+21	−18	−5	−17	+54	−9	−21	3	1.26
43627		08 53 06.58	+74 32 51.9	8.42		H	133.277 436 36	+74.547 755 57		1.24	−34.14	−27.66	0.68	0.64	0.89	0.75	0.75	+26	+26	−4	−5	+17	−7	+14	+15	+6	+47	0	0.87
43628		08 53 07.18	+28 41 57.1	8.78		H	133.279 907 86	+28.699 185 44		2.12	−8.99	−3.06	1.10	0.73	1.27	1.57	1.27	−22	+11	+10	−2	−12	−33	+1	+51	+5	−35	0	−1.64
43629		08 53 07.89	−71 58 08.1	9.23		H	133.282 865 96	−71.968 919 85		1.78	0.50	6.72	0.83	0.94	0.97	1.01	0.91	+14	+23	+34	+2	−15	+1	−14	−21	+0	+1	3	0.71
43630	H	08 53 08.02	+54 57 10.6	7.38		H	133.283 430 41	+54.952 950 95	A	18.32	13.37	40.87	2.24	1.81	1.08	1.90	0.97	+38	+11	−6	+2	+2	−6	−5	−16	−3	−13	1	−0.44
43631		08 53 08.71	+10 08 52.1	8.62		H	133.286 296 38	+10.147 793 39		1.54	1.31	−10.75	1.10	0.81	1.38	1.59	1.06	−36	+15	−36	−4	+33	−14	+23	+24	−27	−34	0	−0.94
43632		08 53 08.78	+50 22 42.4	9.19		H	133.286 587 88	+50.378 451 12		4.62	−28.76	−4.22	1.14	0.79	1.25	1.71	0.91	+6	+1	−6	−5	+3	+18	+3	−10	+9	+28	0	0.87
43633		08 53 10.33	−56 42 16.9	8.84		H	133.293 047 83	−56.704 686 40		0.18	−7.12	8.01	0.67	0.67	0.75	0.71	0.73	−5	+12	+4	+21	−1	+16	−5	−2	−1	−20	0	−2.61
43634		08 53 11.59	+37 04 14.3	7.09		H	133.298 291 17	+37.070 629 73		13.88	−97.41	−144.84	0.67	0.50	0.87	0.78	0.62	−40	+19	−16	−15	−1	−25	−2	−6	+13	−60	0	−0.16
43635		08 53 12.01	+17 22 07.1	6.87		G	133.300 051 48	+17.368 638 80		11.05	−51.23	−43.58	1.20	0.60	0.94	1.49	0.83	+34	+12	−11	−61	−29	−33	−29	−17	−7	+17	0	−0.36
43636	H	08 53 13.36	−86 33 44.3	8.47		H	133.305 672 07	−86.562 302 65	A	3.63	15.71	−3.13	1.03	1.03	1.05	1.16	1.22	−16	−6	+11	−1	+6	+3	+4	−9	−4	−28	0	−0.49
43637		08 53 16.04	+07 46 38.7	8.44		H	133.316 817 45	+07.777 428 84		0.37	3.73	−12.34	1.26	0.82	1.53	1.42	0.93	−48	+57	−43	−13	+32	−25	+22	+8	+5	−33	2	−0.33
43638		08 53 16.93	−07 42 38.4	8.63		H	133.320 558 01	−07.710 659 21		0.79	−7.12	−1.77	0.83	0.52	0.98	0.99	0.55	−6	+10	−1	−29	−22	−22	−13	+6	+8	−27	0	−0.23
43639	H	08 53 18.94	−55 21 33.0	9.61		H	133.328 907 74	−55.359 170 53	A	2.87	−15.77	7.31	1.74	1.57	1.66	1.90	1.57	−6	−10	−3	−11	−1	+2	−2	−9	−11	−14	0	0.21
43640		08 53 19.32	+53 44 09.2	8.52		G	133.330 511 68	+53.735 888 98		7.45	−18.52	−32.28	0.90	0.67	1.06	1.12	0.76	−2	+37	−23	+30	+21	−13	+29	−4	+15	+28	0	−0.29
43641		08 53 19.42	−25 14 49.1	8.52		H	133.330 935 55	−25.246 961 43		2.33	−25.49	5.92	0.78	0.67	1.07	0.97	0.68	−15	+8	+10	+35	−20	−10	−18	+35	−8	−18	1	0.86
43642		08 53 20.63	+19 19 19.9	7.62	1	H	133.335 945 86	+19.322 199 22		3.00	−21.05	−13.08	1.00	0.64	1.01	1.16	0.82	+5	+18	−31	−44	−6	−34	−18	−8	−2	−1	0	−0.41
43643		08 53 22.30	−44 19 59.1	7.42		H	133.342 920 83	−44.333 081 36		5.96	−0.08	−8.16	0.55	0.49	0.66	0.70	0.52	+10	+5	+25	−24	−6	−12	−3	−18	+3	+10	0	−0.82
43644		08 53 22.57	+61 57 44.0	5.72		H	133.344 041 21	+61.962 213 64		11.45	−9.98	22.30	0.39	0.43	0.66	0.39	0.45	−14	+21	−4	+43	−10	+1	−4	+10	+4	+1	0	0.49
43645		08 53 22.92	−22 59 35.0	8.00		H	133.345 491 73	−22.993 063 01		3.40	−18.25	13.73	0.62	0.56	0.87	0.76	0.60	−16	+5	−3	+11	−18	+6	−13	+44	−6	−27	0	1.17
43646	H	08 53 23.00	−52 27 36.8	8.98		H	133.345 840 52	−52.460 211 04	*	0.85	−9.89	1.69	0.83	0.76	0.92	1.02	0.82	−7	+1	+11	+5	+1	+5	+0	+1	+3	−2	2	1.76
43647		08 53 23.27	−15 23 07.8	8.40		H	133.346 966 47	−15.385 501 26		3.11	−15.69	−1.50	0.89	0.60	1.14	1.00	0.62	−1	+35	+21	−19	−30	−20	−16	+26	+4	−27	0	0.53
43648		08 53 24.73	−06 12 42.8	7.62		H	133.353 027 90	−06.211 894 97		1.90	−27.87	4.11	0.87	0.44	1.00	0.98	0.49	+8	+37	+12	−25	−28	−14	−14	+19	−1	−26	0	0.03
43649		08 53 26.40	+41 59 08.9	8.72		H	133.360 005 41	+41.985 800 15		3.73	3.55	−1.87	1.20	0.71	1.47	1.75	1.07	−32	+39	−20	−25	−10	−8	−6	−7	+25	+8	4	0.33
43650		08 53 29.26	−48 24 20.0	12.28		H	133.371 923 12	−48.405 552 43	B	17.80	−16.07	5.62	42.02	44.29	13.47	14.76	13.75	+0	+5	−5	+0	−3	−5	−1	−24	+15	+4	0	0.36
43651		08 53 29.36	−11 23 30.9	6.98	1	H	133.372 328 42	−11.391 910 75		2.46	−1.57	19.07	0.73	0.45	0.90	0.88	0.47	−8	+32	−4	−5	−14	−18	−8	+10	+8	−23	0	1.73
43652		08 53 30.26	−48 24 02.8	9.72		G	133.376 087 31	−48.400 790 03	A	9.59	−14.26	−1.24	2.39	2.33	2.13	2.44	2.14	+2	+6	−4	−4	−1	−8	+0	−23	+13	+6	0	0.36
43653		08 53 33.95	+03 04 06.4	10.16	3	H	133.391 458 30	+03.068 451 68	*	−1.26	−6.41	6.84	2.22	1.23	2.71	2.80	1.38	−25	+47	−23	+1	+19	+29	+12	+9	−13	−9	9	3.13
43654		08 53 34.09	+01 54 45.8	8.02		H	133.392 054 05	+01.912 709 40		5.99	−30.75	−18.84	1.10	0.71	1.16	1.42	0.79	−28	+26	−34	−43	+15	−20	+1	+19	−11	−13	0	−1.02
43655		08 53 36.35	−17 21 33.3	7.35		H	133.401 445 00	−17.359 257 76		15.95	10.55	11.86	0.74	0.49	0.90	0.84	0.53	−14	+8	−15	+56	−1	−20	−9	+47	+0	−35	1	0.24
43656		08 53 36.87	−43 31 58.5	7.56		H	133.403 620 59	−43.532 922 12		2.95	−7.67	9.89	0.51	0.52	0.67	0.63	0.56	+1	+3	+17	+1	−6	−18	−3	−14	+7	−4	1	0.70
43657		08 53 36.94	−55 06 24.5	8.65		H	133.403 909 63	−55.106 812 77		3.17	−10.37	6.66	0.61	0.59	0.67	0.69	0.63	+0	+2	+7	−22	−4	−2	−3	−11	−2	−10	0	0.29
43658		08 53 37.55	−23 01 56.5	8.42		H	133.406 452 02	−23.032 367 76		1.76	−9.70	1.85	0.67	0.61	0.96	0.79	0.64	−20	+9	+0	+20	−18	+16	−15	+41	−1	−29	0	−0.56
43659		08 53 39.35	−52 33 03.3	8.94		H	133.413 945 43	−52.550 906 77		3.90	−11.02	10.03	0.78	0.72	0.86	0.93	0.75	−7	+5	+18	+0	+4	+1	+4	+4	+5	−2	0	−1.42
43660		08 53 39.87	−51 42 52.1	10.69		G	133.416 132 90	−51.714 474 40		24.23	−11.25	−354.98	1.52	1.30	1.70	1.84	1.58	−7	−3	+15	−10	+2	+7	+0	−18	−13	−7	0	−0.33
43661		08 53 40.34	−46 21 20.5	9.27		H	133.418 071 04	−46.355 697 68		1.26	−5.80	5.60	0.83	0.93	1.08	1.05	1.22	−1	+0	+16	−1	+8	+6	+4	−22	−4	−16	0	−0.09
43662		08 53 42.90	+85 11 20.5	8.44		H	133.428 760 05	+85.189 033 10		3.64	−19.46	−18.35	0.73	0.65	0.83	0.83	0.72	+7	+19	−3	+25	+7	+10	+11	+6	−4	+29	1	3.26
43663		08 53 43.78	+14 24 33.0	8.08		H	133.432 395 92	+14.409 168 09		3.66	−9.18	−5.69	0.91	0.63	1.00	1.18	0.89	−10	+18	−15	−20	+11	−30	+6	−3	−13	−10	0	1.16
43664		08 53 44.88	−17 13 06.9	8.23		H	133.436 994 80	−17.218 582 74		7.67	−10.67	0.46	0.85	0.52	1.02	0.94	0.56	−24	+9	−12	+58	−8	−10	−16	+43	−5	−45	1	−1.05
43665		08 53 45.34	+58 52 57.5	8.02		G	133.438 897 16	+58.882 629 36		9.66	−27.40	−60.59	0.67	0.62	0.99	0.83	0.64	+12	+2	−24	+0	−7	+9	−7	+9	+11	+47	0	−0.32
43666		08 53 45.76	+13 49 49.5	7.06	1	H	133.440 658 46	+13.830 419 40		7.97	−31.80	−6.80	0.93	0.58	0.93	1.14	0.79	+0	+18	−23	−38	−1	−29	−8	−2	−15	−1	0	1.49
43667		08 53 47.40	+35 13 22.3	9.27		G	133.447 481 65	+35.222 871 50		38.67	−196.60	−287.96	1.33	0.86	1.50	1.44	1.12	−41	+47	−33	−22	+10	−30	+0	+14	−5	−32	0	−0.87
43668		08 53 47.57	+03 54 59.1	8.63		H	133.448 227 05	+03.916 425 94		6.44	5.32	−7.27	1.31	1.06	2.18	1.59	0.90	−46	+54	−74	−15	+53	−50	−5	+49	−45	+18	0	−0.80
43669		08 53 48.67	−60 21 14.2	5.78		H	133.452 787 22	−60.353 931 24		2.37	−10.05	9.22	0.41	0.39	0.45	0.41	0.39	+12	−5	+7	+11	−7	−2	−12	−5	+16	−13	0	0.04
43670		08 53 49.93	+26 54 47.7	8.46		H	133.458 047 20	+26.913 256 29		24.66	10.51	−6.53	1.31	0.74	1.34	2.20	1.14	+12	−9	−36	+51	+33	−52	+21	+61	−20	+25	2	0.05
43671		08 53 50.60	−47 31 14.6	5.31	1	H	133.460 836 52	−47.520 719 84	+	12.49	−5.97	−23.85	1.97	0.48	0.52	0.77	1.86	−35	−10	+8	−75	+23	+10	−94	+33	+11	+74	1	1.20
43672		08 53 50.75	+17 32 42.4	7.24		H	133.461 448 30	+17.545 111 47		3.57	−23.35	−9.06	1.11	0.69	1.04	1.41	0.89	+17	+9	−36	−52	−11	−27	−23	−23	−3	+14	0	0.41
43673		08 53 50.76	−40 26 51.2	6.42		H	133.461 516 51	−40.447 550 87		2.48	−6.38	3.50	0.41	0.49	0.61	0.44	0.50	+6	+5	+23	−5	+12	+17	+7	−9	−14	−3	1	0.45
43674		08 53 50.87	+33 03 24.8	8.03		H	133.461 965 15	+33.056 880 20		12.41	−95.60	−28.24	0.97	0.62	1.08	1.16	0.91	−17	+24	+6	−20	−3	−31	+1	+32	−6	−23	0	0.65
43675		08 53 51.39	+02 30 17.0	8.54		H	133.464 134 04	+02.504 712 13		5.41	−36.68	18.76	0.98	0.77	1.20	1.39	0.90	−30	+20	−23	−4	+20	−15	+11	+16	−7	−20	0	0.78
43676	H	08 53 51.95	+01 49 28.0	7.23		G	133.466 440 75	+01.824 433 42	*	14.64	4.85	−43.27	2.10	1.41	1.46	1.57	1.13	−38	+13	−34	−5	+24	−24	+6	+22	−25	−19	1	−0.12
43677		08 53 52.53	−06 36 33.3	8.78		H	133.468 890 28	−06.609 242 34		4.69	8.66	−22.35	0.87	0.50	1.05	1.03	0.56	−3	+18	+2	−21	−22	−20	−13	+18	+1	−28	0	0.21
43678		08 53 53.54	−40 36 31.6	11.06		G	133.473 101 88	−40.608 770 03	A	0.88	−8.36	10.73	3.07	3.72	3.81	3.31	3.90	+7	−9	+16	+3	+10	+25	+9	+9	−28	−8	0	0.80
43679		08 53 54.76	+14 49 42.8	8.70		H	133.478 179 09	+14.828 551 55		7.27	−34.83	−8.90	1.16	0.81	1.26	1.45	1.07	−19	+29	−17	−8	+22	−19	+16	−8	−10	−10	0	2.38
*43680		08 53 55.26	−41 49 38.8	10.36		H	133.480 251 06	−41.827 436 88	B	−0.20	−11.83	10.43	20.86	22.38	1.67	1.79	1.58	+2	+9	+3	+13	+1	+18	+1	+21	+2	−3	7	2.99
*43681		08 53 54.92	−45 22 37.6	7.44		H	133.478 824 13	−45.377 116 36		3.35	−15.00	3.59	0.60	0.57	0.75	0.74	0.57	+7	−12	+31	+11	−1	+2	−2	−14	+4	+13	0	0.78
*43682		08 53 55.03	+20 55 06.5	9.08		H	133.479 309 71	+20.918 458 73		4.13	0.15	−12.79	1.26	0.89	1.41	1.46	1.38	−17	+3	−15	−34	+8	−13	+9	−8	−28	−35	0	0.06
43683	H	08 53 55.35	+19 58 01.7	6.68		G	133.480 617 69	+19.967 147 56	*	5.02	−20.81	−6.19	1.87	1.44	1.05	1.37	0.99	−13	+27	−6	−22	−12	−1	−5	+17	+0	−21	3	0.53
43684		08 53 55.57	−40 36 30.7	11.21		G	133.481 551 23	−40.608 515 71	B	−2.31	−12.20	12.61	6.01	7.12	4.84	4.35	5.08	+5	−8	+10	+5	+8	+25	+7	+7	−27	−9	0	0.80
43685		08 53 55.70	+35 32 18.0	6.14	1	H	133.482 082 92	+35.538 337 49		3.43	−26.18	−17.88	0.68	0.49	0.79	0.90	0.68	−29	+25	−20	+6	−1	−29	−5	+29	+4	−29	0	1.60
43686		08 53 55.93	−66 48 04.6	8.16		H	133.483 060 18	−66.801 286 46		16.75	−283.06	121.21	0.61	0.61	0.66	0.78	0.66	−3	+2	+9	+1	+6	−9	+5	−21	−2	−7	3	2.75
43687		08 53 56.46	−24 18 02.5	10.54		G	133.485 233 11	−24.300 686 89		5.03	−14.03	12.95	1.23	1.12	1.82	1.32	1.21	−15	+5	−4	+31	−11	+12	−11	+32	−17	−22	0	1.33
*43688	T	08 53 56.82	−41 49 37.4	7.37		H	133.486 733 71	−41.827 044 19	A	−0.20	−11.83	10.43	1.69	1.71	1.67	1.79	1.58	+5	+9	+24	+24	+8	+18	+4	+2	+2	−3	7	2.99
*43689		08 53 56.59	−52 28 21.8	7.58		H	133.485 803 66	−52.472 728 62		2.01	−12.57	7.67	0.55	0.52	0.62	0.66	0.52	−2	+3	+18	+8	+7	+0	+7	+0	+3	+13	0	−0.27
*43690		08 53 56.68	−20 25 47.9	8.09		H	133.486 169 18	−20.429 970 63		7.62	1.87	−20.57	0.83	0.63	1.04	0.97	0.64	−12	+20	+3	+19	−23	−11	−17	+54	+3	−25	2	0.40
*43691		08 53 57.90	−26 30 56.6	8.21		G	133.491 232 02	−26.515 720 91		0.96	−18.04	17.04	0.64	0.61	0.98	0.78	0.62	−9	+20	−4	−27	−33	−10	−29	+25	+9	−5	0	1.90
*43692	H	08 53 57.82	+08 25 17.5	7.15		H	133.490 924 70	+08.421 529 39	A	13.02	−33.85	11.18	2.47	1.61	2.38	2.54	1.88	−32	+35	−46	−13	+19	−17	+9	+33	−14	−31	10	1.10
43693		08 53 58.81	−00 36 43.2	8.41		H	133.495 058 28	−00.611 993 53		5.74	−15.86	−6.40	1.05	0.63	1.18	1.06	0.56	−45	+37	−25	−35	+15	−24	+15	−26	+8	−53	4	−0.11
43694		08 53 58.97	+45 17 06.9	9.83		H	133.495 726 61	+45.285 260 42		8.86	25.68	−46.60	1.33	0.85	1.53	1.41	0.83	−22	+29	−16	−35	+10	−25	+8	−28	+11	−4	0	0.16
43695		08 53 59.17	+34 52 09.1	8.19		H	133.496 539 49	+34.869 192 46		6.66	−7.06	−21.61	0.94	0.62	1.08	1.20	0.87	−18	+35	−29	+11	+21	−30	+8	+30	−15	+4	0	0.94
43696		08 53 59.50	+62 35 02.0	8.27		H	133.497 896 17	+62.583 892 54		11.68	−110.44	−45.47	0.60	0.59	0.92	0.68	0.71	−13	+27	−1	+12	−16	−1	−16	+13	−3	−3	0	−0.76
43697		08 54 00.00	−49 48 59.8	9.25		G	133.499 982 06	−49.816 597 46		3.61	−9.15	3.05	0.82	0.76	0.91	1.11	0.84	+0	+1	−7	−18	+10	−11	+8	−28	+7	−1	3	0.48
*43698		08 54 00.04	−35 29 23.0	8.74		H	133.500 176 73	−35.489 730 65		2.14	−2.81	−3.32	0.64	0.76	1.00	0.69	0.78	+4	−6	+7	−13	+0	+7	+0	−19	+2	+14	0	0.34
*43699		08 54 00.01	−52 37 07.1	8.23		G	133.500 049 60	−52.618 629 99		2.86	−12.62	9.21	0.68	0.63	0.76	0.83	0.68	−7	+0	+20	+3	+1	+3	+1	+4	+1	+0	0	−0.85
43700		08 54 00.21	−74 53 06.0	7.45		H	133.500 893 34	−74.884 997 97		3.86	−33.07	31.27	0.57	0.54	0.62	0.66	0.60	+1	+14	+9	+7	+1	+2	+6	−15	+26	+4	0	0.51

60442	13497

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
43601	9.642	0.019	8.246	0.011	A	1.180	0.017	T	1.14	0.01	L	8.2973	0.0093	0.034	139	A	8.26	8.36		D	08528−4126	I 2	1 C P A							
43602	6.766	0.005	6.798	0.006		−0.034	0.005	G	−0.01	0.01	H	6.8064	0.0011	0.011	127		6.79	6.82					1						S
43603	7.802	0.007	5.990	0.004		1.508	0.006	T	1.54	0.01	L	5.9084	0.0013	0.012	154		5.89	5.93		U 2			1						S
43604	7.436	0.006	7.434	0.006		0.007	0.008	T	0.03	0.01	L	7.4475	0.0013	0.012	106		7.43	7.47					1						S
43605	9.730	0.017	8.538	0.011		1.021	0.016	T	0.99	0.01	L	8.5974	0.0015	0.014	140		8.58	8.62		C			1						
43606	11.994	0.129	10.949	0.083		0.894	0.015	G	0.94	0.01	H	10.9828	0.0028	0.031	129		10.92	11.03		C			1						G
43607	11.128	0.060	10.624	0.062		0.474	0.078	T	0.55	0.08	L	10.6429	0.0042	0.048	109		10.55	10.71					1 X						G
43608	8.812	0.014	7.729	0.010		0.937	0.013	T	0.93	0.01	L	7.7893	0.0010	0.011	107		7.77	7.81					1						S
43609	8.973	0.013	7.710	0.008		1.080	0.015	G	1.04	0.01	H	7.7596	0.0011	0.011	107		7.74	7.78					1						
43610	10.659	0.037	8.808	0.015		1.539	0.032	T	1.59	0.07	L	8.7482	0.0019	0.018	114		8.71	8.78		C			1 S						
43611	7.914	0.009	7.936	0.012		−0.018	0.013	T	0.00	0.01	L	7.9574	0.0012	0.010	101		7.94	7.98					1						S
43612	8.738	0.015	8.661	0.018		0.046	0.004	G	0.05	0.02	A	8.6731	0.0012	0.014	90		8.65	8.70		C			1						
43613	9.096	0.018	7.927	0.012		1.003	0.017	T	0.98	0.01	L	7.9983	0.0020	0.012	52		7.98	8.02		C			1						S
43614	11.114	0.073	9.702	0.035		1.193	0.063	T	1.15	0.06	L	9.6658	0.0025	0.019	60		9.64	9.70		C			1						
43615	10.825	0.032	9.963	0.025	*	0.756	0.031	T	0.80	0.03	L *	9.9185	0.0032	0.038	226	*	9.85	10.00		D	08530+6817	H 1	2 C A	AB	295	0.437	0.005	0.05	0.03	
43616	8.758	0.012	7.476	0.007		1.091	0.011	T	1.05	0.01	L	7.5189	0.0008	0.010	100		7.51	7.54		D			1						S
43617	10.397	0.033	9.758	0.030		0.587	0.033	T	0.66	0.03	L	9.7643	0.0029	0.023	109		9.73	9.80		C			1						
43618	9.465	0.020	8.690	0.017		0.690	0.015	G	0.75	0.01	H	8.7477	0.0022	0.012	75		8.72	8.77		C			1						
43619	8.652	0.012	8.732	0.016		−0.060	0.015	G	−0.04	0.01	H	8.7345	0.0021	0.019	107		8.71	8.77					1						
43620	5.987	0.003	6.006	0.003		−0.023	0.001	G	0.00	0.00	H	6.0174	0.0007	0.005	124		6.01	6.03		C			1						S
43621	8.866	0.011	8.725	0.013		0.128	0.016	T	0.14	0.02	L	8.7755	0.0022	0.022	175		8.74	8.81					1						
43622	11.255	0.056	9.284	0.017		1.500	0.040	G	1.50	0.10	R	9.1817	0.0022	0.027	158		9.14	9.23					1 S						
43623	7.813	0.007	6.542	0.004		1.082	0.006	T	1.04	0.01	L	6.5954	0.0007	0.007	134		6.58	6.61					1						S
43624	6.823	0.004	6.384	0.004		0.414	0.005	T	0.48	0.01	L	6.4398	0.0008	0.007	104		6.43	6.46					1						S
43625	7.504	0.006	6.973	0.007		0.498	0.008	T	0.57	0.01	L	7.0339	0.0013	0.012	92		7.01	7.06					1						S
43626	8.581	0.009	8.092	0.009		0.472	0.010	T	0.54	0.01	L	8.1615	0.0010	0.013	150		8.14	8.18		C			1						S
43627	10.373	0.025	8.588	0.011		1.487	0.022	T	1.51	0.03	L	8.5456	0.0019	0.019	157		8.51	8.58					1						
43628	10.056	0.028	8.916	0.018		0.980	0.026	T	0.96	0.02	L	8.9490	0.0017	0.014	98		8.93	8.98					1						
43629	11.060	0.059	9.336	0.022		1.438	0.050	T	1.43	0.08	L	9.3606	0.0021	0.018	105		9.32	9.40					1						
43630	8.136	0.010	7.449	0.009	*	0.612	0.004	G	0.68	0.00	H *	7.5142	0.0012	0.013	96	*	7.49	7.53		D	08531+5457	I 1	2 C A	AB	46	0.305	0.003	0.17	0.03	S
43631	9.717	0.026	8.730	0.019		0.864	0.024	T	0.88	0.02	L	8.7757	0.0020	0.016	78		8.74	8.80		C			1						
43632	10.070	0.028	9.279	0.022		0.717	0.028	T	0.77	0.02	L	9.3295	0.0019	0.022	90		9.29	9.38		C			1						
43633	9.477	0.016	8.916	0.015		0.525	0.020	T	0.60	0.02	L	8.9573	0.0017	0.015	123		8.94	8.98		C			1						
43634	7.840	0.008	7.158	0.006		0.609	0.010	G	0.68	0.01	H	7.2232	0.0010	0.010	111		7.21	7.25		C			1						S
43635	7.338	0.010	6.905	0.007		0.404	0.005	G	0.47	0.01	H	6.9647	0.0015	0.008	43		6.95	6.98					1						S
43636	10.133	0.023	8.716	0.012	A	1.028	0.142	G	1.01	0.03	L *	8.6369	0.0020	0.019	127	*	8.60	8.67		D	08532−8634	H 1	2 C A	AB	121	3.128	0.010	2.26	0.05	
43637	9.569	0.025	8.553	0.018		0.886	0.023	T	0.89	0.02	L	8.5959	0.0014	0.010	58		8.57	8.61		D			1						S
43638	8.752	0.012	8.638	0.015		0.111	0.018	T	0.12	0.02	L	8.6780	0.0016	0.014	130		8.66	8.70		C			1						
43639	10.163	0.028	9.658	0.029	A	0.300	0.495	G	0.55	0.09	L *	9.7169	0.0021	0.019	120	*	9.68	9.75		C	08533−5522	I 1	2 C C	AB	29	2.237	0.056	3.19	0.19	G
43640	8.811	0.013	8.558	0.014		0.273	0.015	G	0.31	0.02	H	8.5850	0.0020	0.019	90		8.55	8.62					1						S
43641	9.804	0.022	8.657	0.014		0.986	0.020	T	0.97	0.02	L	8.6809	0.0019	0.017	110		8.65	8.72					1						
43642	9.762	0.030	7.839	0.013		1.596	0.026	T	1.62	0.03	L	7.7387	0.0031	0.017	49		7.72	7.77		U			1						S
43643	7.532	0.008	7.429	0.008		0.093	0.010	T	0.11	0.01	L	7.4582	0.0010	0.010	97		7.44	7.47					1						S
43644	6.070	0.002	5.749	0.003		0.305	0.003	T	0.35	0.00	L	5.7908	0.0005	0.005	160		5.78	5.80					1						S
43645	8.045	0.007	8.012	0.008		0.035	0.010	G	0.05	0.01	H	8.0212	0.0012	0.011	124		8.00	8.04		C			1						S
43646	8.993	0.016	8.986	0.021	*	0.011	0.024	T	0.03	0.02	L *	8.9959	0.0017	0.016	109	*	8.96	9.02			08534−5228	I 1	2 C S C	AB	179	0.180	0.058	2.52	0.74	
43647	9.722	0.021	8.521	0.013		1.028	0.019	T	1.00	0.02	L	8.5662	0.0016	0.014	107		8.55	8.59		C			1 S						
43648	9.163	0.013	7.757	0.008		1.188	0.012	T	1.15	0.01	L	7.7898	0.0009	0.011	129		7.77	7.81					1						S
43649	10.368	0.035	8.846	0.018		1.279	0.031	T	1.24	0.03	L	8.8784	0.0019	0.014	78		8.84	8.91		C			1 G						
43650	11.826	0.164	11.348	0.174	B	0.450	0.218	T	0.52	0.23	L	11.8232	0.0854			B				D	08535−4824	I 2	1 C I A							D
43651	9.010	0.014	7.173	0.007		1.528	0.012	T	1.57	0.03	L	7.0981	0.0017	0.013	103		7.08	7.12		M			1						S
43652	10.344	0.030	9.719	0.027	A	0.500	0.020	G	0.57	0.02	H	9.8796	0.0178	0.045	117	A	9.81	9.94		D	08535−4824	I 2	1 C P A							G
43653						1.500	0.510	G	3.87	0.96	Q	9.6935	0.1295	1.873	64		8.18	12.08	259.10	P 1 A			1 V							G
43654	9.531	0.024	8.157	0.014		1.163	0.022	T	1.12	0.02	L	8.1910	0.0017	0.012	70		8.17	8.21		C			1 G						
43655	7.916	0.006	7.397	0.006		0.497	0.006	T	0.57	0.01	L	7.4610	0.0008	0.009	148		7.44	7.48		C			1						S
43656	7.589	0.006	7.570	0.008		0.040	0.015	G	0.06	0.01	H	7.5815	0.0010	0.010	116		7.57	7.60		C			1						S
43657	8.653	0.010	8.662	0.013		−0.007	0.014	T	0.01	0.01	L	8.6600	0.0014	0.013	129		8.63	8.68		C			1						
43658	8.676	0.010	8.444	0.011		0.221	0.014	T	0.24	0.02	L	8.4846	0.0012	0.015	133		8.46	8.52					1						
43659	9.078	0.017	8.972	0.021		0.096	0.025	T	0.11	0.03	L	8.9826	0.0018	0.019	107		8.95	9.02		C			1						
43660						1.297	0.007	G	1.49	0.01	I	10.7893	0.0035	0.032	102		10.72	10.85		C			1 G						G
43661	10.606	0.043	9.378	0.024		1.049	0.038	T	1.02	0.03	L	9.4356	0.0022	0.020	119		9.40	9.48		C			1						G
43662	9.820	0.019	8.584	0.012		1.055	0.018	T	1.02	0.01	L	8.6062	0.0019	0.018	132		8.57	8.63					1 S						S
43663	8.075	0.011	8.072	0.013		0.007	0.016	T	0.03	0.01	L	8.0946	0.0017	0.013	55		8.08	8.11					1						S
43664	8.629	0.008	8.262	0.008		0.348	0.015	G	0.41	0.02	H	8.3086	0.0015	0.014	143		8.29	8.34					1						
43665	8.790	0.012	8.093	0.010		0.642	0.015	G	0.71	0.01	H	8.1539	0.0015	0.016	106		8.13	8.19					1						S
43666	7.285	0.009	7.087	0.009		0.189	0.012	T	0.21	0.01	L	7.1267	0.0028	0.014	55		7.11	7.15		M			1						S
43667	10.730	0.043	9.348	0.022		1.139	0.005	G	1.23	0.01	I	9.3715	0.0019	0.018	83		9.33	9.40					1						
43668	8.955	0.019	8.659	0.021		0.281	0.027	T	0.32	0.03	L	8.7014	0.0016	0.014	59		8.68	8.73		C			1						
43669	5.660	0.003	5.762	0.004		−0.088	0.004	T	−0.07	0.01	L	5.7560	0.0008	0.007	115		5.74	5.77					1						S
43670	9.428	0.018	8.531	0.014		0.766	0.006	G	0.81	0.01	H	8.5973	0.0017	0.016	97		8.58	8.62					1						
43671	5.632	0.003	5.343	0.003		0.275	0.004	T	0.31	0.01	L	5.3838	0.0012	0.009	124		5.37	5.40		M	08538−4731	I 1	1 O							S
43672	7.220	0.008	7.233	0.009		−0.007	0.011	T	0.01	0.01	L	7.2446	0.0013	0.007	41		7.23	7.26		C			1						S
43673	7.625	0.006	6.549	0.004		0.960	0.007	G	1.04	0.04	E	6.5923	0.0010	0.010	141		6.58	6.61					1						S
43674	8.795	0.013	8.103	0.011		0.626	0.015	G	0.69	0.01	H	8.1668	0.0013	0.013	85		8.14	8.22		C			1						S
43675	9.283	0.018	8.626	0.016		0.610	0.020	T	0.68	0.02	L	8.6679	0.0016	0.010	70		8.65	8.69					1						S
43676	7.591	0.010	7.251	0.008	*	0.345	0.015	G	0.40	0.02	H *	7.3030	0.0017	0.008	64	*	7.29	7.32		D	08539+0149	I 1	2 C A	AB	153	0.282	0.015	2.20	0.14	S
43677	10.193	0.026	8.882	0.015		1.114	0.023	T	1.08	0.02	L	8.9455	0.0012	0.016	130		8.92	8.97					1						
43678	11.133	0.056	11.144	0.089	A	0.150	0.020	G	0.17	0.02	H	11.1744	0.0160	0.099	123	A	10.92	11.27		D	08539−4037	I 2	1 C P B							G
43679	9.202	0.022	8.756	0.022		0.421	0.029	T	0.49	0.03	L	8.7993	0.0021	0.012	54		8.78	8.82		C			1						S
43680	10.031	0.027	10.004	0.041	B	0.025	0.043	T	0.04	0.03	L	9.4095	0.1057			B				D	08539−4150	I 2	1 C F A							
43681	8.502	0.009	7.531	0.007		0.860	0.015	G	0.87	0.01	H	7.5971	0.0013	0.011	127		7.57	7.63					1						S
43682	10.509	0.051	9.215	0.027		1.100	0.045	T	1.06	0.05	L	9.2431	0.0024	0.017	52		9.22	9.27		C			1						
43683	7.551	0.008	6.751	0.005	*	0.701	0.006	G	0.76	0.01	H *	6.8050	0.0013	0.008	61	*	6.79	6.83		D	08539+1958	I 1	2 C A	AB	45	0.215	0.005	0.54	0.14	S
43684	11.267	0.062	11.148	0.091	B	0.080	0.020	G	0.09	0.02	H	11.2768	0.0168			B				D	08539−4037	I 2	1 C I B							
43685	6.210	0.003	6.151	0.004		0.059	0.005	T	0.07	0.00	L	6.1651	0.0017	0.011	82		6.15	6.18	1.02	P 1 A			1						S
43686	9.053	0.014	8.232	0.011		0.745	0.010	G	0.79	0.01	H	8.2960	0.0013	0.012	109		8.28	8.32		C			1						
43687	11.138	0.062	10.574	0.060		0.480	0.020	G	0.55	0.02	H	10.6612	0.0034	0.032	112		10.60	10.72		C			1						G
43688	7.172	0.005	7.309	0.006	A	−0.118	0.007	T	−0.10	0.01	L	7.3354	0.0173	0.020	140	A	7.31	7.37		D	08539−4150	I 2	1 C P A							S
43689	7.452	0.006	7.566	0.009		−0.092	0.003	G	−0.07	0.00	H	7.5501	0.0014	0.012	111		7.53	7.57					1						S
43690	9.325	0.015	8.204	0.010		0.965	0.014	T	0.95	0.01	L	8.2573	0.0015	0.014	109		8.24	8.29		C			1						
43691	9.314	0.013	8.311	0.009		0.900	0.015	G	0.90	0.01	H	8.3602	0.0017	0.018	162		8.33	8.39					1						
43692	7.732	0.011	7.188	0.011	*	0.510	0.014	T	0.58	0.01	L *	7.2576	0.0023	0.015	57	*	7.24	7.33		D	08540+0825	I 1	2 C A	AB	139	9.800	0.006	0.55	0.02	S
43693	9.849	0.024	8.538	0.014		1.118	0.015	G	1.10	0.02	A	8.5828	0.0019	0.012	85		8.56	8.60		C			1						
43694	10.816	0.046	9.879	0.034		0.814	0.044	T	0.85	0.05	L	9.9690	0.0022	0.022	105		9.93	10.02					1						
43695	8.696	0.012	8.231	0.012		0.435	0.022	G	0.50	0.02	H	8.2916	0.0017	0.013	89		8.27	8.31		C			1						S
43696	8.971	0.011	8.337	0.010		0.589	0.013	T	0.66	0.01	L	8.3981	0.0014	0.015	133		8.37	8.43					1						S
43697	9.309	0.016	9.226	0.021		0.060	0.020	G	0.07	0.02	H	9.2738	0.0020	0.021	110		9.24	9.31					1						
43698	10.927	0.039	8.947	0.013		1.641	0.033	T	1.66	0.03	L	8.8558	0.0020	0.023	172		8.81	8.89					1						
43699	8.095	0.011	8.193	0.014		−0.098	0.003	G	−0.08	0.00	H	8.1977	0.0022	0.017	110		8.17	8.22					1						
43700	9.131	0.013	7.592	0.007		1.293	0.012	T	1.25	0.01	L	7.6110	0.0010	0.010	109		7.60	7.63		C			1						S

Number HIP (1)	(2)	Descriptor: epoch J1991.25 RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	Position: epoch J1991.25 α (ICRS) deg (8)	δ deg (9)	(10)	Par. π mas (11)	Proper Motion $\mu_{\alpha*}$ mas/yr (12)	μ_δ mas/yr (13)	Standard Errors α* mas (14)	δ mas (15)	π mas (16)	$\mu_{\alpha*}$ mas/yr (17)	μ_δ mas/yr (18)	Astrometric Correlations (%) δ/α* (19)	π/α* (20)	π/δ (21)	$\mu_{\alpha*}$/α* (22)	$\mu_{\alpha*}$/δ (23)	$\mu_{\alpha*}$/π (24)	μ_δ/α* (25)	μ_δ/δ (26)	μ_δ/π (27)	μ_δ/$\mu_{\alpha*}$ (28)	Soln F1 % (29)	F2 (30)
43701		08 54 00.54	+20 13 49.5	8.60		H	133.502 232 34	+20.230 407 84		10.07	−51.01	−4.95	1.09	0.82	1.28	1.58	1.19	−15	−2	−36	−7	+24	−31	+17	−3	+0	−19	0	−0.34
43702		08 54 00.62	−42 29 08.8	7.16		H	133.502 578 17	−42.485 774 87		0.82	−4.88	3.42	0.46	0.50	0.62	0.53	0.51	+9	−2	+20	+13	+9	+11	+6	−6	−4	+10	1	−0.42
43703		08 54 00.89	−26 54 56.9	9.23		H	133.503 709 24	−26.915 811 96		3.37	−51.04	54.69	0.68	0.73	1.11	0.77	0.79	−18	+6	−19	+7	−30	+4	−31	+28	−1	−13	0	0.69
43704		08 54 01.16	−35 39 03.0	7.39		H	133.504 834 39	−35.650 819 64		12.63	−75.07	144.37	0.45	0.52	0.71	0.47	0.52	+12	−6	+9	−4	+5	+10	+4	−10	+2	+19	0	0.07
43705		08 54 02.39	−34 49 29.7	9.03		H	133.509 978 56	−34.824 911 18		3.53	−10.57	8.03	0.71	0.71	1.05	0.75	0.72	+7	+0	+15	−25	+2	+2	+1	−8	+8	+12	1	0.07
43706		08 54 02.63	−51 35 01.8	8.42		G	133.510 966 46	−51.583 845 60		18.30	178.06	−160.33	0.75	0.69	0.84	0.90	0.68	−3	−7	+22	+15	+4	−5	+7	−16	−1	+7	0	0.82
43707		08 54 04.08	+57 16 51.1	8.33		H	133.516 988 58	+57.280 855 30		3.54	−16.78	0.64	0.77	0.76	1.11	0.94	0.79	−24	+18	−38	−29	−1	+12	+3	−20	+13	+5	0	0.52
43708		08 54 05.33	−13 07 25.1	11.94		G																							
43709		08 54 05.84	−59 11 13.2	8.71		H	133.524 332 85	−59.186 992 96		1.33	−0.31	4.85	0.73	0.70	0.80	0.81	0.78	+9	−9	−4	−8	−6	−5	−10	−22	+24	−5	1	1.46
43710		08 54 06.33	−31 14 38.4	7.96		H	133.526 365 46	−31.244 005 45		6.02	−0.44	2.45	0.53	0.63	0.87	0.64	0.69	+10	−4	+0	+43	+4	+8	+3	+21	+11	+7	0	0.88
43711		08 54 06.63	−43 25 15.5	7.96		G	133.527 638 76	−43.420 980 88		2.31	8.13	−0.09	0.58	0.64	0.81	0.69	0.63	+5	+7	+19	−4	−6	−16	−3	−19	+7	+0	0	−0.08
43712		08 54 09.17	−49 07 38.5	8.69		H	133.538 188 11	−49.127 374 08		1.94	−10.69	−2.96	0.64	0.57	0.71	0.81	0.65	+11	+10	+2	−12	−5	−18	−4	−24	+2	+13	0	−1.55
43713		08 54 09.24	+46 51 36.4	8.86		G	133.538 510 97	+46.860 101 23		9.13	−48.71	−12.01	0.88	0.66	1.10	0.97	0.54	−21	+8	−12	−12	+19	−2	+26	−49	+14	+14	0	0.87
43714		08 54 09.32	+39 15 17.0	7.59		H	133.538 827 94	+39.254 722 61		11.08	−30.58	14.54	0.79	0.58	0.94	0.95	0.68	−37	+13	−22	−17	−23	−2	−13	+11	+7	−62	2	−1.58
43715		08 54 09.36	−49 42 06.8	9.39		G	133.538 985 73	−49.701 886 28		1.02	−14.26	13.23	0.87	0.78	0.96	1.16	0.86	+6	+7	+5	−7	+2	−17	+2	−33	−6	+5	0	−0.42
43716		08 54 09.90	−32 09 20.4	7.26		H	133.541 254 25	−32.155 668 38		6.21	−44.19	22.40	0.39	0.52	0.78	0.45	0.55	+29	+1	+6	+6	+9	+7	+9	+17	+9	+20	1	−0.09
43717		08 54 12.77	−43 29 56.3	6.97	1	G	133.553 213 91	−43.498 974 50		1.83	−5.66	7.91	0.49	0.51	0.67	0.56	0.49	+5	+6	+22	−2	−4	−17	+0	−16	+7	+5	0	0.38
43718		08 54 13.21	+54 18 44.3	9.02		H	133.555 051 31	+54.312 303 39		7.19	−5.39	−7.39	1.05	0.78	1.22	1.50	0.90	−6	+30	−34	+37	+10	+8	+20	−4	+11	+21	0	−1.57
43719	H	08 54 13.56	+35 03 33.9	8.23		H	133.556 490 62	+35.059 405 63	A	5.69	−19.03	−27.58	1.44	0.97	1.43	1.50	1.19	−46	+37	−38	−19	+15	−27	+4	+23	−13	−28	1	0.03
43720		08 54 14.08	−31 53 06.5	9.11	2	H	133.558 649 22	−31.885 132 46		5.21	−25.85	−2.61	0.57	0.77	1.03	0.63	0.82	+10	+1	+3	+16	−4	+6	−4	+16	−1	−1	1	0.30
43721	H	08 54 14.70	+30 34 45.0	5.40		G	133.561 269 62	+30.579 177 23	A	8.93	38.97	−25.57	1.18	0.83	1.16	1.32	1.02	−43	+18	−27	−2	+7	−29	−14	+53	−22	−12	1	0.44
43722	H	08 54 14.76	+19 34 31.9	8.28		H	133.561 486 22	+19.575 514 87	A	4.08	11.22	−27.43	1.93	1.20	1.81	1.99	1.37	−26	−1	−30	−33	−4	−20	−5	+10	−6	−21	4	0.51
43723	H	08 54 14.82	−08 45 39.1	7.44		G	133.561 752 48	−08.760 856 30	A	3.24	−7.72	−0.07	2.24	1.28	2.14	2.46	1.13	−38	+24	−10	−19	−7	−3	−8	+5	−13	−9	2	1.26
43724		08 54 15.75	−04 34 01.7	9.58		H	133.565 633 26	−04.567 141 34		11.09	25.58	−5.41	1.32	0.62	1.51	1.40	0.67	+3	+29	−5	−36	−38	+5	−20	+17	+2	−26	0	0.57
43725		08 54 17.02	−49 36 03.9	9.67		H	133.570 929 90	−49.601 096 83		1.13	−10.44	8.66	0.95	0.88	1.06	1.15	0.92	+4	+12	+5	−16	−2	−20	−2	−36	−2	+2	0	0.63
43726		08 54 18.19	−05 26 04.3	6.01		H	133.575 790 10	−05.434 533 46		58.50	−413.14	30.44	0.77	0.35	0.88	0.77	0.37	+12	+49	+10	−14	−25	−6	−13	+21	+2	−20	0	0.20
43727		08 54 18.78	+22 12 42.4	7.82		H	133.578 244 63	+22.211 772 14		16.50	−116.96	−209.99	0.97	0.69	1.07	1.10	0.90	−11	+22	−22	−26	+15	−26	+7	−16	−15	−17	0	0.44
43728		08 54 19.51	+48 51 25.4	9.84		H	133.581 284 73	+48.857 048 78		4.85	105.51	−4.59	1.30	0.95	1.51	1.98	1.03	−21	+15	−25	+6	+25	−9	+35	−28	+8	+42	0	−0.08
43729		08 54 21.27	+26 55 25.7	7.01	1	H	133.588 645 67	+26.923 796 19		3.18	−21.71	−18.67	0.82	0.54	1.03	1.32	0.85	−12	+4	−12	+13	+5	−56	+0	+42	+1	−13	0	3.25
43730		08 54 21.54	+20 35 10.3	8.32		H	133.589 730 48	+20.586 193 34		2.60	−19.78	−5.40	1.13	0.82	1.27	1.39	1.10	−31	+18	−36	−26	+24	+0	+24	−20	−17	−27	0	−0.44
43731		08 54 22.81	−09 12 18.3	8.91		H	133.595 036 95	−09.205 093 33		3.22	−23.42	6.70	0.99	0.63	1.25	1.19	0.68	−20	+28	−11	−1	−11	+0	−11	+14	−14	−30	3	0.86
43732		08 54 23.39	+30 13 04.1	8.28		H	133.597 453 34	+30.217 816 66		6.28	−2.91	−1.14	0.95	0.65	1.11	1.11	1.03	−33	+34	−19	−11	−6	−32	−6	+54	−12	−35	0	1.05
43733		08 54 24.64	−68 32 19.6	9.11		H	133.602 686 12	−68.538 776 21		1.34	−19.06	4.36	0.88	0.84	0.93	1.05	0.89	+9	+22	+0	−25	−9	−6	−2	−28	+25	−5	1	−0.77
43734		08 54 26.60	−47 41 34.2	8.94		H	133.610 825 70	−47.692 828 28		2.13	−18.01	−22.50	0.70	0.67	0.80	0.79	0.79	+8	−1	−3	−8	−7	−2	−11	−22	−4	−13	1	0.42
43735		08 54 27.43	+14 14 41.6	7.84		H	133.614 276 40	+14.244 891 15		6.31	−7.78	31.13	1.03	0.69	1.03	1.23	0.93	−11	+20	−20	−41	+6	−22	+3	−17	−3	−17	0	2.01
43736		08 54 29.62	−23 31 18.8	7.23	2	T	133.623 431 25	−23.521 898 32		5.74	11.13	29.36	0.55	0.50	0.76	0.57	0.52	−17	−7	+0	+32	−16	+8	−17	+31	+3	−27	0	1.60
43737		08 54 30.09	+40 08 01.2	7.62		G	133.625 375 22	+40.133 659 43		13.38	38.58	−159.54	0.85	0.60	0.93	0.96	0.73	−35	+10	−6	−41	+11	+0	+14	−26	−11	−57	0	−1.20
43738		08 54 30.32	+51 14 40.6	9.24	2	H	133.626 316 57	+51.244 617 80		7.14	15.17	−31.66	1.15	0.75	1.30	1.63	0.91	−16	+28	−17	−3	−8	+15	−1	+1	+13	−5	0	0.71
43739		08 54 30.83	+05 27 52.0	7.23	1	H	133.628 464 89	+05.464 451 45		2.26	−6.88	−7.38	0.85	0.64	1.07	1.16	0.69	−21	+36	−47	+9	+41	−41	+22	+16	−4	+0	0	0.80
43740		08 54 30.93	+55 47 34.1	9.86		H	133.628 866 93	+55.792 802 12		−0.82	−0.16	−28.35	1.22	0.93	1.48	1.80	1.32	+3	+12	−12	−22	−4	−17	+0	−1	+13	−4	0	−0.15
43741		08 54 31.42	−05 17 41.9	9.13		H	133.630 909 90	−05.294 974 78		3.50	−30.76	10.25	1.29	0.57	1.57	1.30	0.63	+1	+51	+6	−11	−23	+6	−16	+24	−8	−28	0	−0.23
43742		08 54 33.05	+15 40 55.0	8.70		H	133.637 689 64	+15.681 957 73		4.50	−30.13	−3.87	1.16	0.76	1.21	1.61	1.17	−8	+20	−14	−25	+15	−28	+13	−15	−3	−17	3	0.30
43743		08 54 33.37	+10 48 22.9	9.24		H	133.639 031 53	+10.806 372 07		1.87	−36.07	2.75	1.30	0.88	1.49	1.74	1.13	−49	+27	−25	−30	+42	−14	+34	−4	−14	−45	6	1.55
43744		08 54 35.20	+62 11 10.5	8.46		H	133.646 661 91	+62.186 260 85		4.93	13.11	7.54	0.60	0.62	0.96	0.64	0.69	−14	+25	+1	+29	−18	−4	−15	+18	+0	−2	0	−1.97
43745		08 54 35.95	+63 45 31.3	11.06		G	133.649 795 03	+63.758 696 07		32.87	−171.43	−178.80	1.57	1.51	2.35	1.81	1.54	+3	+11	−29	+33	−15	+20	−6	+15	+1	+21	0	1.27
43746		08 54 38.25	−11 22 38.9	6.59	2	H	133.659 379 77	−11.377 459 81		0.73	−9.75	6.82	0.70	0.40	0.84	0.85	0.41	−1	+26	+1	−3	−17	−15	−11	+15	+6	−17	0	0.97
43747	H	08 54 38.77	−74 02 36.6	8.00		H	133.661 547 20	−74.043 508 56	A	2.98	−7.67	14.87	1.06	0.99	1.06	0.97	0.96	−2	+26	+17	−35	+3	−7	+5	−15	+7	−5	2	0.05
43748	H	08 54 39.21	+49 18 51.5	9.68		H	133.663 370 77	+49.314 293 65	A	5.49	−26.64	−39.22	2.02	1.34	1.89	2.56	1.51	−7	+26	−16	+8	+25	−10	+18	−8	−2	+43	1	−0.08
43749	H	08 54 40.59	−39 28 57.9	7.97		H	133.669 124 08	−39.482 760 84	A	2.04	−16.66	10.71	0.92	1.06	1.24	0.89	1.01	+8	+12	+6	+4	+1	+12	−4	−16	−28	+2	3	0.31
43750		08 54 40.72	+00 57 12.1	8.85		H	133.669 652 53	+00.953 351 69		8.13	−2.55	−42.07	1.02	0.68	1.27	1.19	0.69	−29	+31	−20	−27	+7	−37	+4	−7	+4	−41	0	−1.26
43751	H	08 54 41.60	+16 36 40.6	8.32		H	133.673 329 69	+16.611 278 34	A	23.07	−143.91	−28.95	3.72	3.30	3.48	3.66	3.88	−4	−28	−42	−33	+9	−16	+11	−10	−16	−32	6	0.30
43752		08 54 42.42	+32 00 04.3	8.51		H	133.676 733 74	+32.001 190 52		3.85	26.33	−13.07	1.17	0.71	1.20	1.65	1.12	−5	+26	+10	+18	+13	−9	+15	+49	+10	−1	0	0.60
43753	H	08 54 44.38	+43 35 06.1	7.70		G	133.684 900 68	+43.585 039 23	A	18.24	−54.82	−153.96	2.23	1.35	2.11	2.42	1.43	−34	+13	−14	−18	+9	+12	+9	−9	−23	−37	0	−0.04
43754		08 54 45.29	−35 30 09.0	8.10		H	133.688 707 88	−35.502 509 96		8.98	−82.58	78.24	0.55	0.69	0.90	0.55	0.69	+10	−8	+10	−12	+2	+6	+1	−15	+7	+19	0	0.02
43755		08 54 46.14	+13 33 41.3	8.95		H	133.692 247 87	+13.561 485 95		4.88	−41.80	−15.81	1.11	0.73	1.17	1.32	0.92	−30	+37	−25	−34	+24	−27	+21	−8	+8	−27	0	1.74
43756		08 54 47.54	+11 09 22.0	10.05		H	133.698 093 44	+11.156 116 48		25.81	−100.90	−62.91	1.84	1.29	2.14	2.58	1.72	−39	+32	−24	−9	+42	−20	+31	+2	−11	−41	0	−0.74
43757		08 54 48.31	+36 46 56.8	9.25		H	133.701 290 66	+36.782 451 18		1.46	5.89	−4.34	1.28	0.77	1.47	1.88	1.03	−6	+1	−14	+19	+19	−31	+14	+6	−10	−10	0	0.86
43758		08 54 49.50	−38 24 16.3	8.02		H	133.706 239 22	−38.404 540 79		1.34	0.76	−2.10	0.56	0.61	0.82	0.57	0.69	+4	+2	−3	−2	−4	+13	−4	−4	−11	−6	0	−1.65
43759	H	08 54 49.62	+14 46 02.9	8.59		H	133.706 759 42	+14.767 472 08	*	2.90	−9.81	−5.27	4.75	3.16	2.07	2.57	1.72	+37	+9	−20	−13	+6	−29	+3	+3	−8	−9	1	0.02
43760		08 54 51.41	−63 42 06.0	9.44		H	133.714 216 10	−63.701 660 12		21.59	−157.58	−114.49	0.88	0.87	1.02	0.87	0.90	−2	+18	+6	−22	−11	−19	−6	−17	+21	−25	0	1.02
*43761		08 54 52.37	−36 03 24.9	7.41		H	133.718 192 00	−36.056 904 33		5.34	4.28	−48.90	0.44	0.56	0.71	0.44	0.57	+12	−8	+5	−11	+2	+13	+2	−18	+2	+12	0	0.52
*43762		08 54 52.29	−77 36 20.7	8.31		H	133.717 895 62	−77.605 758 97		2.13	−1.65	12.71	0.62	0.56	0.61	0.67	0.59	−5	+7	+3	+34	−25	+7	−27	−2	+6	−15	1	1.60
43763	H	08 54 54.05	−58 14 22.9	6.36	1	H	133.725 212 04	−58.239 697 27	*	3.75	−20.24	16.14	0.44	0.42	0.48	0.46	0.43	+10	−4	+8	+14	−13	+15	−16	−2	−1	+0	1	1.49
43764	H	08 54 54.66	−07 49 06.5	7.61		H	133.727 756 25	−07.818 460 09	A	1.36	−1.97	−5.36	1.10	0.64	1.16	1.25	0.66	−6	+17	+7	−35	−27	−16	−13	+32	+2	−28	0	0.74
43765		08 54 55.05	−15 06 48.3	8.46		H	133.729 358 73	−15.113 423 62		1.29	−7.06	−0.50	0.86	0.55	1.04	0.93	0.58	−1	+29	+11	−30	−23	−21	−13	+17	−3	−25	0	−0.67
43766	H	08 54 55.95	+26 11 57.8	6.73		G	133.733 115 56	+26.199 385 53	A	21.70	61.02	−450.53	1.64	1.28	1.32	1.49	1.15	+8	−2	−22	−29	−22	−30	−22	+35	−10	−32	0	0.41
43767		08 54 56.22	+52 57 23.2	7.75		G	133.734 240 27	+52.956 432 28		6.21	−10.01	6.43	0.85	0.59	0.94	1.05	0.59	+1	+29	−24	−5	+7	−13	+4	−16	+2	+14	0	−2.23
43768		08 54 57.09	−20 00 22.5	10.59		G	133.737 866 47	−20.006 253 93		−0.55	−1.66	3.73	1.31	0.98	1.71	1.44	1.03	−3	+13	−7	+28	−4	−5	−4	+47	−12	−14	0	0.79
43769		08 54 57.43	−19 17 18.7	8.88		H	133.739 270 96	−19.288 534 93		3.54	−3.20	−7.85	0.99	0.68	1.15	1.13	0.70	−13	+13	−12	+43	−9	+0	−10	+45	−8	−21	0	2.18
43770		08 54 57.45	+52 47 40.9	7.29		H	133.739 390 19	+52.794 704 78		5.13	−12.55	−28.41	0.74	0.51	0.86	0.92	0.52	+0	+29	−23	−1	+8	−26	+4	−13	+7	+9	0	−1.86
43771		08 54 57.46	−24 23 40.7	8.66		G	133.739 421 74	−24.394 643 23		32.12	−341.27	145.90	0.82	0.68	1.18	0.89	0.70	−15	+0	+5	+27	−12	+9	−13	+25	−3	−23	0	2.91
43772		08 54 57.73	−15 46 45.9	7.10		H	133.740 532 55	−15.779 425 62		8.89	−122.04	67.36	0.72	0.50	0.92	0.91	0.53	−4	+10	+11	−13	−31	−3	−18	+35	+3	−28	0	−0.49
43773		08 54 58.04	+04 08 49.8	8.26		H	133.741 823 77	+04.147 168 05		1.14	−2.26	8.50	1.14	0.90	1.64	1.54	0.86	−26	+39	−60	−2	+52	−50	+16	+24	−24	+10	0	−0.49
43774		08 54 58.38	−03 33 20.2	6.98		H	133.743 270 04	−03.555 623 98		8.28	−4.33	16.78	0.71	0.39	0.85	0.77	0.41	−4	+38	+1	−38	−20	−36	−8	+4	+10	−29	1	1.40
*43775		08 54 58.80	+32 44 38.1	7.39		H	133.745 010 36	+32.743 905 14		6.50	−18.80	−28.33	0.84	0.54	0.97	1.07	0.76	−24	+26	−15	−15	+7	−38	+0	+35	−8	−15	0	2.54
*43776		08 54 58.77	−10 59 08.0	7.59		H	133.744 866 59	−10.985 547 75		3.33	−13.28	1.82	0.88	0.47	1.02	1.05	0.49	+0	+39	+7	+5	−19	−14	−11	+31	+1	−18	3	−0.70
43777		08 54 58.94	−18 48 44.0	7.38		H	133.745 592 11	−18.812 222 52		17.57	−148.25	19.96	0.68	0.47	0.86	0.73	0.48	−12	+29	−5	+35	−13	+0	−13	+43	−6	−25	1	1.61
43778		08 54 59.17	−47 35 32.7	8.81		G	133.746 546 00	−47.592 418 76		0.29	−3.33	4.86	0.68	0.71	0.82	0.77	0.82	+8	−3	−1	−4	−7	−5	−11	−20	+5	−15	1	2.55
43779		08 55 00.12	+14 43 41.3	8.01		H	133.750 489 81	+14.728 145 04		2.94	−2.38	−14.66	1.02	0.74	1.18	1.33	1.03	−19	+19	−23	−24	+14	−39	+7	−2	−4	−24	0	0.90
43780		08 55 00.41	−54 41 58.2	7.21		H	133.751 714 56	−54.699 487 94		3.10	−25.23	22.73	0.46	0.47	0.52	0.54	0.51	+7	+0	+3	−13	−6	+4	−5	−9	−1	−7	0	0.77
43781		08 55 01.65	−34 08 35.0	7.15		H	133.756 889 59	−34.143 047 10		8.96	5.69	−63.36	0.48	0.55	0.81	0.51	0.58	+29	+0	+8	−7	+10	+3	+9	+3	+11	+31	2	−0.30
43782		08 55 02.41	−28 04 56.6	7.62		H	133.760 038 35	−28.082 390 50		0.59	−9.06	5.36	0.50	0.53	0.76	0.52	0.55	−1	−7	−19	+8	−14	+14	−13	−4	+12	−9	0	1.08
43783		08 55 02.86	−60 38 41.0	3.84		G	133.761 923 55	−60.644 711 95		10.45	−28.18	42.24	0.43	0.40	0.47	0.41	0.41	+16	−15	−5	+2	−12	+0	−22	−22	+28	−13	0	−0.14
43784		08 55 04.14	+57 25 37.0	8.44		H	133.767 267 45	+57.426 946 27		2.24	−14.83	−4.28	0.79	0.72	1.05	0.97	0.79	−9	+10	−16	−30	−12	+16	−7	−14	+9	−5	0	0.31
43785		08 55 04.93	−33 25 28.8	8.37		H	133.770 559 00	−33.424 663 72		4.54	12.24	−7.14	0.50	0.67	0.90	0.57	0.75	+19	−10	+4	+11	+23	+13	+22	+24	−2	+24	1	−0.16
43786		08 55 05.71	−03 54 48.3	8.56		H	133.773 782 61	−03.913 404 49		2.81	−12.24	−8.56	0.99	0.49	1.10	1.05	0.52	+7	+36	+4	−48	−37	−15	−15	+9	+10	−26	1	−0.41
43787		08 55 06.09	+33 50 54.9	9.23		H	133.775 386 08	+33.848 581 37		4.46	−66.56	−7.74	1.40	0.80	1.53	1.50	1.08	−24	+52	−39	−11	+11	−21	−11	+37	−26	+3	0	1.48
43788		08 55 06.55	−01 44 35.6	9.04		H	133.777 303 99	−01.743 235 39		1.46	−0.51	−18.50	1.17	0.66	1.23	1.65	0.61	−21	+20	−19	−28	−7	−8	+3	−10	+17	−31	0	−0.32
43789		08 55 07.46	+32 58 33.2	9.20		H	133.781 090 12	+32.975 901 76		1.08	−1.31	−10.74	1.19	0.76	1.46	1.46	1.10	−23	+27	−28	−16	+12	−39	−3	+35	−26	−9	0	0.15
43790		08 55 07.60	+01 32 56.6	9.99		G	133.781 648 53	+01.549 046 37		49.92	45.83	−1044.30	1.67	1.07	2.20	1.95	1.18	−32	+22	−21	−26	+14	−43	+10	+1	+3	−44	0	0.75
43791		08 55 07.84	−39 25 39.6	8.64		H	133.782 647 88	−39.427 658 73		10.92	5.42	−73.79	0.62	0.72	0.95	0.61	0.69	+10	+15	+22	−2	+4	+11	−2	−13	−19	+2	0	−0.41
43792	H	08 55 08.71	−43 27 59.9	8.05	2	H	133.786 301 55	−43.466 644 56	A	2.43	−7.01	6.84	1.06	1.13	1.30	1.15	1.08	−6	+7	+13	+6	+0	−6	+3	−16	+13	−13	1	1.67
43793		08 55 08.86	+63 28 07.0	8.68		H	133.786 910 52	+63.468 623 05		4.77	−42.77	−37.24	0.83	0.77	1.19	0.97	0.85	+1	+16	−10	+19	−17	+14	−16	+21	−2	+21	0	0.02
43794		08 55 08.88	−46 21 38.9	7.57		H	133.787 010 50	−46.360 795 22		5.71	−9.65	−15.75	0.53	0.53	0.68	0.68	0.63	+5	+0	+9	+4	+7	+7	+2	−17	+20	−13	0	0.38
43795		08 55 10.59	+02 37 43.5	7.75		H	133.794 133 60	+02.628 761 19		6.01	13.39	−13.95	0.92	0.74	1.14	1.29	0.81	−38	+26	−37	−12	+35	−20	+22	+0	−10	−21	0	1.77
43796		08 55 10.85	−58 41 26.3	8.58		H	133.795 222 83	−58.690 652 25		2.78	−21.21	9.81	0.64	0.62	0.70	0.67	0.67	+13	−14	+7	+2	−13	+11	−17	−8	+15	+4	0	−0.42
43797		08 55 11.76	−54 57 56.0	5.70		H	133.798 988 26	−54.965 546 57		41.41	24.23	−91.20	0.39	0.40	0.44	0.43	0.42	+14	−5	+4	−6	−12	+8	−12	−8	−6	−1	1	−0.45
43798		08 55 12.42	−18 14 28.3	5.75		H	133.801 746 26	−18.241 206 59		7.67	17.87	7.11	0.58	0.37	0.70	0.64	0.38	+1	+16	−4	+23	+1	−9	+2	+32	+4	−13	1	1.12
43799		08 55 12.94	−34 28 11.7	8.72	2	H	133.803 931 57	−34.469 916 88		2.08	−6.62	0.35	0.73	0.74	1.09	0.74	0.81	+17	+4	−3	−37	−6	−1	−6	−16	+14	+21	0	0.91
43800		08 55 14.68	−18 15 24.5	7.06		H	133.811 152 70	−18.256 809 58		4.02	−29.29	7.99	0.64	0.47	0.85	0.70	0.49	−7	+24	−2	+22	−3	−8	−2	+39	−2	−22	1	1.64

No.	Tycho Magnitudes					Colour Indices					Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag	Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM	Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
43701	9.195	0.022	8.685	0.021		0.479	0.028	T	0.55	0.03	L	8.7014	0.0021	0.015	56		8.68	8.73		C			1							
43702	7.449	0.006	7.196	0.006		0.241	0.008	T	0.27	0.01	L	7.2216	0.0011	0.010	130		7.21	7.24		C			1							S
43703	9.870	0.019	9.261	0.017		0.567	0.022	T	0.64	0.02	L	9.3568	0.0018	0.020	163		9.32	9.39					1 G							
43704	8.002	0.006	7.462	0.006		0.513	0.006	T	0.59	0.01	L	7.5077	0.0010	0.013	178		7.49	7.53					1							S
43705	9.090	0.012	9.050	0.016		0.042	0.019	T	0.06	0.01	L	9.0556	0.0017	0.022	150		9.02	9.10		C			1							
43706	9.194	0.016	8.502	0.014		0.656	0.002	G	0.72	0.00	H	8.5510	0.0016	0.013	104		8.53	8.57					1							
43707	9.631	0.018	8.432	0.011		1.026	0.016	T	1.00	0.01	L	8.4953	0.0028	0.016	103		8.47	8.54					1							
43708						1.600	0.020	G	2.50	0.02	A	11.9505	0.0107	0.078	91		11.82	12.11		D	08541−1307	I 1	S							G G
43709	10.188	0.037	8.827	0.021		1.153	0.033	T	1.12	0.03	L	8.8811	0.0019	0.019	114		8.85	8.91		C			1							
43710	9.515	0.015	8.078	0.009		1.212	0.014	T	1.17	0.01	L	8.1218	0.0012	0.015	162		8.09	8.15					1							
43711	9.890	0.020	8.099	0.009		1.440	0.015	G	1.44	0.02	H	8.0776	0.0011	0.014	120		8.05	8.10		C			1							
43712	8.726	0.011	8.695	0.014		0.060	0.015	G	0.07	0.01	H	8.7115	0.0011	0.014	131		8.68	8.74					1							
43713	9.401	0.018	8.857	0.017		0.460	0.015	G	0.53	0.02	H	8.9518	0.0020	0.018	106		8.93	8.99					1							
43714	8.028	0.009	7.624	0.008		0.380	0.017	G	0.44	0.02	H	7.6778	0.0013	0.011	115		7.65	7.70					1							S
43715	9.401	0.018	9.364	0.023		−0.010	0.020	G	0.01	0.02	H	9.4093	0.0024	0.019	111		9.38	9.45		C			1							G
43716	8.609	0.007	7.377	0.004		1.052	0.006	T	1.02	0.01	L	7.4256	0.0008	0.013	252		7.40	7.45					1	S						S
43717	9.112	0.013	7.147	0.006		1.640	0.015	G	1.65	0.09	H	7.0739	0.0016	0.012	115		7.05	7.09		M			1							S
43718	9.486	0.017	9.064	0.018		0.399	0.023	T	0.46	0.03	L	9.1085	0.0021	0.020	90		9.06	9.14					1							
43719	8.852	0.014	8.288	0.013	*	0.528	0.017	T	0.60	0.02	L *	8.3478	0.0012	0.011	82	*	8.33	8.37		D	08542+3504	M 1	2 C	A	AB	291	0.734	0.019	2.89	0.07	
43720	9.892	0.016	9.173	0.014		0.647	0.016	T	0.71	0.01	L	9.2461	0.0038	0.039	224		9.18	9.31		U 2			1							
43721	6.779	0.009	5.534	0.007	*	1.050	0.000	G	1.02	0.00	H *	5.5581	0.0005	0.005	105	*	5.55	5.57		D	08542+3034	I 1	2 C	A	AB	313	1.504	0.003	0.22	0.01	S
43722	10.195	0.034	8.445	0.015	*	1.459	0.029	T	1.47	0.05	L *	8.4077	0.0018	0.014	53	*	8.39	8.44		D	08542+1935	H 1	2 C	D	AB	351	0.919	0.051	3.74	0.25	D
43723	8.205	0.025	7.635	0.018	*	0.546	0.036	G	0.62	0.03	H *	7.5431	0.0017	0.013	110	*	7.52	7.56		R	08542−0846	I 1	2 C	A	AB	176	1.183	0.008	0.53	0.02	S
43724	10.405	0.030	9.636	0.024		0.700	0.030	T	0.76	0.03	L	9.7282	0.0020	0.026	146		9.69	9.78		R			1							
43725	9.600	0.019	9.671	0.028		−0.018	0.015	G	0.00	0.01	H	9.6741	0.0019	0.017	106		9.63	9.70					1							G
43726	6.829	0.004	6.077	0.003		0.661	0.012	G	0.70	0.02	A	6.1407	0.0007	0.007	140		6.13	6.15		C			1							S
43727	8.580	0.015	7.921	0.013		0.611	0.017	T	0.68	0.01	L	7.9549	0.0015	0.011	56		7.94	7.98		C			1							S
43728	10.510	0.039	9.937	0.036		0.536	0.047	T	0.61	0.05	L	9.9547	0.0031	0.022	84		9.91	9.99		C			1							
43729	9.065	0.015	7.184	0.007		1.596	0.014	T	1.71	0.05	O	7.1112	0.0017	0.012	87		7.08	7.13		M			1							S
43730	9.511	0.023	8.451	0.016		0.919	0.021	T	0.92	0.01	L	8.4830	0.0014	0.013	55		8.46	8.52		C			1							
43731	10.240	0.025	9.031	0.015		1.034	0.023	T	1.01	0.02	L	9.0775	0.0018	0.015	116		9.05	9.11					1							
43732	9.000	0.014	8.351	0.012		0.602	0.016	T	0.67	0.01	L	8.4109	0.0014	0.012	110		8.39	8.43		C			1							S
43733	10.596	0.038	9.249	0.020		1.142	0.034	T	1.11	0.04	L	9.2713	0.0026	0.022	105		9.23	9.30		C			1							
43734	10.126	0.037	9.020	0.024		0.954	0.034	T	0.94	0.03	L	9.1014	0.0021	0.019	120		9.07	9.12					1							
43735	9.417	0.022	7.992	0.013		1.203	0.020	T	1.16	0.02	L	8.0009	0.0020	0.016	51		7.98	8.03					1							S
43736	7.915	0.015	7.290	0.011		0.546	0.015	G	0.62	0.01	H	7.3638	0.0144	0.112	123		7.24	7.51	1.24	P 1 A			1							S
43737	8.364	0.011	7.685	0.008		0.628	0.011	T	0.70	0.01	L	7.7434	0.0010	0.012	108		7.73	7.77					1							S
43738	9.722	0.028	9.287	0.029		0.403	0.015	G	0.47	0.02	H	9.3354	0.0116	0.060	68		9.27	9.44	0.33	P 1 A			1							
43739	9.377	0.021	7.414	0.009		1.628	0.018	T	1.65	0.02	L	7.3447	0.0017	0.016	74		7.31	7.37		U 2			1							S
43740	11.264	0.081	9.991	0.040		1.084	0.071	T	1.05	0.06	L	10.0285	0.0029	0.030	83		9.98	10.10		C			1 G							
43741	9.494	0.016	9.158	0.017		0.319	0.022	T	0.37	0.03	L	9.2065	0.0022	0.019	126		9.18	9.24					1							
43742	9.106	0.020	8.724	0.020		0.362	0.026	T	0.42	0.03	L	8.7826	0.0020	0.013	53		8.75	8.80		C			1							S
43743	9.489	0.021	9.300	0.026		0.181	0.031	T	0.20	0.04	L	9.3029	0.0023	0.017	78		9.28	9.34		C	08546+1048	I 1	1	S						
43744	9.049	0.011	8.494	0.011		0.520	0.014	T	0.59	0.01	L	8.5701	0.0013	0.016	152		8.54	8.60		C	08546+6211	I 1	1							S
43745						1.423	0.020	G	1.73	0.05	I	11.1908	0.0043	0.042	130		11.11	11.27					1							G
43746	8.820	0.013	6.820	0.005		1.657	0.011	T	1.68	0.01	L	6.6949	0.0042	0.043	109		6.65	6.76		U 2			1							S
43747	8.089	0.013	7.894	0.013	*	0.179	0.017	T	0.20	0.02	L *	8.0616	0.0017	0.012	119	*	8.04	8.08		D	08546−7403	I 1	2 C	A	AB	238	1.902	0.004	1.38	0.02	S
43748	10.318	0.033	9.761	0.032	A	0.484	0.072	G	0.56	0.08	R *	9.7823	0.0026	0.024	94	*	9.73	9.82		D	08547+4919	H 1	2 C	D	AB	202	1.735	0.042	3.11	0.21	D
43749	9.162	0.014	8.120	0.010	*	0.906	0.013	T	0.91	0.01	L *	8.1337	0.0016	0.016	145	*	8.10	8.16		D	08547−3929	I 1	2 C	A	AB	240	0.695	0.006	1.85	0.02	
43750	9.618	0.021	8.926	0.018		0.639	0.023	T	0.70	0.02	L	8.9841	0.0025	0.018	86		8.96	9.01					1							
43751	9.643	0.034	8.769	0.027	A	0.900	0.495	G	0.71	0.09	L *	8.4495	0.0022	0.016	53	*	8.43	8.47		D	08547+1637	I 1	2 C	A	AB	176	1.791	0.004	0.31	0.02	S
43752	10.164	0.031	8.645	0.016		1.277	0.027	T	1.24	0.03	L	8.6698	0.0013	0.014	80		8.64	8.70		C			1							
43753	8.807	0.016	8.192	0.015	A	0.627	0.015	G	0.69	0.01	H *	7.8289	0.0017	0.011	90	*	7.81	7.85		D	08547+4335	I 1	2 C	A	AB	6	3.747	0.004	0.80	0.02	S
43754	9.659	0.014	8.241	0.008		1.198	0.013	T	1.16	0.01	L	8.2687	0.0016	0.020	180		8.23	8.30					1							
43755	9.508	0.025	8.990	0.023		0.486	0.031	T	0.56	0.03	L	9.0558	0.0020	0.014	66		9.03	9.08		C			1							
43756	11.650	0.107	10.216	0.051		1.209	0.097	T	1.35	0.18	L	10.1608	0.0031	0.024	78		10.12	10.20		C			1							
43757	10.709	0.043	9.380	0.023		1.128	0.038	T	1.09	0.04	L	9.4164	0.0016	0.021	81		9.39	9.46		D			1							
43758	10.149	0.022	8.222	0.009		1.599	0.019	T	1.62	0.02	L	8.1304	0.0017	0.018	163		8.10	8.16					1							
43759	8.693	0.015	8.605	0.018	*	0.086	0.021	T	0.10	0.02	L *	8.6209	0.0028	0.013	53	*	8.60	8.64		D	08548+1446	H 1	2 C	B	AB	48	0.230	0.029	1.74	0.27	S
43760	10.467	0.033	9.517	0.024		0.824	0.032	T	0.85	0.02	L	9.5828	0.0026	0.025	113		9.55	9.62		C	08549−6342	I 1	1							
43761	8.889	0.009	7.538	0.006		1.145	0.008	T	1.11	0.01	L	7.5804	0.0010	0.012	166		7.56	7.61			08549−3603	I 1	1							S
43762	8.413	0.008	8.313	0.010		0.090	0.012	T	0.10	0.01	L	8.3493	0.0017	0.015	130		8.32	8.38		C			1							
43763	6.239	0.003	6.339	0.004	*	−0.086	0.004	T	−0.07	0.01	L *	6.3356	0.0023	0.018	135	*	6.30	6.36	0.95	P 1 A	08549−5814	H 1	2 C	S A	AB	64	0.128	0.021	1.95	0.65	S
43764	7.882	0.016	7.554	0.012	*	0.288	0.015	G	0.30	0.02	L *	7.6859	0.0009	0.010	131	*	7.67	7.71		D	08549−0749	I 1	2 C	A	AB	71	2.999	0.014	3.11	0.06	S
43765	8.468	0.010	8.467	0.013		0.002	0.014	T	0.02	0.01	L	8.4693	0.0011	0.012	102		8.45	8.49		C			1							
43766	7.552	0.008	6.817	0.007	*	0.665	0.009	G	0.79	0.07	F *	6.8645	0.0011	0.007	65	*	6.85	6.88		D	08549+2612	I 1	2 C	A	AB	217	0.392	0.005	1.51	0.02	S
43767	8.999	0.014	7.847	0.009		0.980	0.015	G	0.96	0.01	H	7.9186	0.0015	0.012	88		7.90	7.95		C			1							S
43768	10.716	0.037	10.767	0.059		0.170	0.020	G	0.19	0.02	H	10.6496	0.0032	0.029	122		10.59	10.69		C			1							G
43769	11.056	0.055	9.071	0.018		1.500	0.040	G	1.53	0.06	R	9.0054	0.0014	0.019	122		8.97	9.05					1							
43770	7.274	0.006	7.301	0.007		−0.020	0.008	T	0.00	0.01	L	7.2931	0.0010	0.012	94		7.27	7.31					1							S
43771	9.976	0.026	8.783	0.016		1.022	0.024	T	0.97	0.02	A	8.8100	0.0021	0.018	113		8.78	8.84					1							
43772	8.459	0.012	7.232	0.006		1.048	0.010	T	1.02	0.01	L	7.2659	0.0012	0.010	96		7.25	7.28		C			1							S
43773	9.460	0.024	8.364	0.016		0.947	0.022	T	0.94	0.02	L	8.4208	0.0015	0.013	60		8.40	8.44		C			1							S
43774	7.220	0.004	7.011	0.005		0.200	0.006	T	0.22	0.01	L	7.0454	0.0009	0.009	130		7.03	7.06					1							S
43775	7.522	0.006	7.412	0.008		0.107	0.009	T	0.12	0.01	L	7.4370	0.0008	0.007	97		7.42	7.46		C			1							S
43776	9.072	0.014	7.704	0.008		1.158	0.013	T	1.12	0.01	L	7.7510	0.0011	0.012	120		7.73	7.77		C			1							S
43777	8.440	0.010	7.466	0.008		0.842	0.010	T	0.86	0.01	L	7.5182	0.0008	0.008	135		7.50	7.54					1							
43778	9.477	0.024	8.972	0.024		0.334	0.012	G	0.39	0.02	H	8.8618	0.0015	0.018	118		8.83	8.89		C			1							
43779	9.656	0.025	8.168	0.014		1.252	0.023	T	1.21	0.02	L	8.1743	0.0022	0.011	53		8.16	8.20		C			1							S
43780	8.177	0.009	7.300	0.007		0.793	0.009	G	0.82	0.01	H	7.3563	0.0009	0.009	138		7.34	7.37		C			1							S
43781	8.603	0.008	7.276	0.005		1.126	0.007	T	1.09	0.01	L	7.3183	0.0010	0.012	175		7.29	7.34					1							S
43782	9.255	0.014	7.742	0.008		1.272	0.013	T	1.23	0.01	L	7.7841	0.0009	0.013	158		7.76	7.81		C			1							S
43783	3.717	0.002	3.821	0.002		−0.104	0.006	G	−0.08	0.02	A	3.8046	0.0004	0.004	98		3.80	3.82			08550−6039	I 1	1							S
43784	8.548	0.010	8.447	0.012		0.098	0.015	T	0.11	0.02	L	8.4764	0.0018	0.017	106		8.44	8.51					1							S
43785	8.887	0.008	8.421	0.008		0.439	0.010	T	0.51	0.01	L	8.4687	0.0014	0.019	193		8.43	8.50					1							
43786	8.522	0.008	8.546	0.011		−0.017	0.012	T	0.01	0.01	L	8.5590	0.0015	0.014	134		8.53	8.58					1							S
43787	9.768	0.024	9.282	0.023		0.457	0.030	T	0.53	0.03	L	9.3334	0.0031	0.017	72		9.30	9.36					1							
43788	10.498	0.048	9.152	0.026		1.141	0.043	T	1.10	0.04	L	9.2091	0.0019	0.017	79		9.17	9.24		C			1							
43789	10.445	0.038	9.334	0.023		0.958	0.035	T	0.95	0.03	L	9.3580	0.0017	0.016	95		9.33	9.39		D			1							
43790	11.933	0.140	10.071	0.043		1.372	0.007	G	1.76	0.02	A	10.0455	0.0036	0.026	67		10.01	10.10		C			1							G
43791	9.300	0.014	8.706	0.013		0.555	0.014	T	0.63	0.01	L	8.7605	0.0016	0.018	141		8.73	8.79		C			1							
43792	8.090	0.011	7.943	0.012	*	0.134	0.015	T	0.15	0.01	L *	8.0973	0.0017	0.015	120	*	8.04	8.12		U 2	08551−4328	I 1	2 C	A	AB	304	2.077	0.004	1.07	0.02	
43793	10.061	0.022	8.815	0.014		1.063	0.020	T	1.03	0.02	L	8.8518	0.0025	0.023	131		8.81	8.89					1							S
43794	7.590	0.007	7.572	0.010		0.017	0.011	T	0.04	0.01	L	7.5786	0.0013	0.013	118		7.55	7.60			08551−4622	I 1	1							S
43795	8.922	0.018	7.853	0.013		0.926	0.017	T	0.92	0.01	L	7.9097	0.0013	0.009	66		7.89	7.93		C			1							S
43796	8.618	0.010	8.586	0.012		0.029	0.014	T	0.05	0.01	L	8.5989	0.0018	0.015	122		8.58	8.63					1							
43797	6.280	0.003	5.758	0.003		0.481	0.006	G	0.57	0.07	F	5.8116	0.0005	0.005	136		5.80	5.82					1							S
43798	7.487	0.007	5.894	0.004		1.327	0.005	G	1.28	0.04	E	5.9042	0.0007	0.008	131		5.89	5.92			08552−1815	I 2	1							S
43799	11.144	0.047	9.015	0.013		1.760	0.039	T	1.79	0.04	L	8.8217	0.0032	0.042	159		8.76	8.90		U 2			1	S						
43800	9.071	0.014	7.229	0.006		1.532	0.012	T	1.58	0.03	L	7.1829	0.0009	0.009	129		7.17	7.20			08552−1815	I 2	1							S

Number HIP 1	2	Descriptor: epoch J1991.25 RA h m s 3	Dec ±° ′ ″ 4	V mag 5	6	7	Position: epoch J1991.25 α (ICRS) deg 8	δ deg 9	10	Par. π mas 11	Proper Motion μα* mas/yr 12	μδ mas/yr 13	Standard Errors α* mas 14	δ mas 15	π mas 16	μα* mas/yr 17	μδ mas/yr 18	Astrometric Correlations (%) δ/α* 19	π/α* 20	π/δ 21	μα*/α* 22	μα*/δ 23	μα*/π 24	μδ/α* 25	μδ/δ 26	μδ/π 27	μδ/μα* 28	Soln F1 % 29	F2 30
43801		08 55 15.46	−36 26 12.2	8.97		H	133.814 396 06	−36.436 731 22		2.88	−15.83	−1.92	0.66	0.74	1.02	0.64	0.78	+3	−14	+5	−6	+0	+17	−1	−4	+0	+0	0	0.59
43802		08 55 16.61	−34 01 03.6	10.63		H	133.819 191 92	−34.017 663 96		13.37	−60.18	−90.30	1.32	1.67	2.16	1.32	1.70	+12	−6	+2	−20	+5	+5	+4	−22	+5	+19	4	0.11
43803		08 55 16.78	−67 15 55.9	7.83		H	133.819 912 06	−67.265 534 58		6.62	25.16	26.62	0.62	0.61	0.67	0.68	0.58	+9	+12	+8	+1	−3	+6	−4	−20	+14	−4	0	−1.33
43804		08 55 16.86	+61 35 16.6	10.12		H	133.820 250 82	+61.587 934 17		−0.24	−14.66	−16.01	0.81	0.89	1.52	0.86	0.94	−14	+21	−13	+40	−9	+9	−2	+12	+0	+9	0	0.81
43805		08 55 17.10	−11 22 17.9	6.86		H	133.821 264 79	−11.371 636 94		6.49	−18.83	−22.90	0.69	0.39	0.81	0.83	0.40	+0	+20	−5	−6	−14	−8	−10	+18	−1	−12	0	0.91
43806		08 55 18.44	−38 19 40.1	7.26		H	133.826 819 07	−38.327 815 31		2.64	−15.87	20.79	0.46	0.52	0.69	0.47	0.55	+13	+6	+4	+2	−2	+4	−2	−1	−1	+5	0	−1.09
43807		08 55 19.21	−45 02 30.1	6.26	1	G	133.830 054 67	−45.041 690 55		3.49	−13.12	8.39	0.48	0.48	0.61	0.60	0.51	+10	−19	+19	−3	−7	+5	−7	−27	+15	+28	3	−0.17
43808		08 55 20.49	−54 28 53.2	9.44		H	133.835 358 75	−54.481 448 09		8.40	23.70	−85.06	0.76	0.79	0.87	0.88	0.89	+3	+2	+2	−7	−9	+8	−10	−8	−2	−16	1	−1.38
43809		08 55 21.66	−31 01 12.2	7.97		H	133.840 238 43	−31.020 050 92		2.90	3.01	12.51	0.47	0.61	0.87	0.61	0.68	+6	+3	−7	+24	+0	+11	+0	+13	+2	+1	0	1.38
43810		08 55 22.75	−03 08 51.5	7.02		H	133.844 776 06	−03.147 641 40		7.29	18.34	−42.16	0.80	0.46	0.94	0.90	0.47	−12	+36	−6	−44	−16	−42	−3	−1	+19	−36	0	0.08
43811		08 55 22.88	+17 13 52.5	6.28	2	H	133.845 344 91	+17.231 260 20		0.90	−3.18	6.44	0.89	0.62	1.01	1.13	0.79	+0	+11	−40	−34	+6	−40	−11	−8	+2	−7	0	−0.40
43812	H	08 55 23.05	−46 53 27.9	8.26	2	H	133.846 036 68	−46.891 091 31	A	2.96	−6.83	1.50	1.40	1.41	1.53	1.78	1.66	−10	−5	+12	−11	+8	−7	+7	−17	+3	−10	6	4.19
43813		08 55 23.68	+05 56 43.9	3.11		G	133.848 686 87	+05.945 527 70		21.64	−99.76	14.65	0.77	0.55	0.99	1.12	0.62	−13	+28	−44	+9	+43	−45	+22	+19	−11	+5	0	−1.32
43814		08 55 23.94	−45 40 15.7	8.75		H	133.849 760 11	−45.671 041 65		7.60	−14.60	18.10	0.75	0.76	0.94	0.93	0.74	+9	−19	+13	+20	+2	−3	−2	−28	+9	+6	3	0.10
43815		08 55 25.34	−33 24 06.4	7.07		H	133.855 595 72	−33.401 776 58		0.92	−6.73	3.91	0.38	0.51	0.69	0.44	0.57	+27	−11	−2	+6	+17	+14	+16	+10	+5	+32	1	1.16
43816		08 55 26.12	+05 33 57.3	6.68		H	133.858 821 61	+05.565 919 92		4.56	−21.02	−5.80	0.80	0.61	1.02	1.14	0.62	−23	+30	−51	+4	+46	−43	+24	+17	−7	−1	0	−0.22
*43817		08 55 27.42	+26 24 35.6	7.36		G	133.864 255 01	+26.409 880 05		6.53	−27.70	−21.04	0.90	0.66	1.07	1.25	0.91	−13	+25	−10	−20	−16	−52	−16	+31	+21	−28	0	1.51
*43818		08 55 27.43	−09 55 32.4	8.35		H	133.864 294 86	−09.925 668 43		2.90	−11.06	−5.40	0.87	0.49	1.04	1.08	0.53	−10	+23	−6	−22	−22	−7	−14	+25	−12	−27	0	0.89
*43819		08 55 27.48	+04 50 05.0	9.22		H	133.864 489 54	+04.834 729 82		7.63	19.44	−31.07	1.02	0.80	1.27	1.46	0.85	−20	+20	−46	−3	+35	−34	+18	+13	−7	−2	0	−0.73
*43820		08 55 26.59	+70 47 41.5	8.05		G																							
43821		08 55 27.75	−14 24 21.2	7.62		H	133.865 631 77	−14.405 896 30		0.12	−4.17	1.56	0.73	0.53	0.99	0.92	0.57	−19	+15	+5	+7	−25	−26	−18	+41	+1	−33	0	−1.24
43822	H	08 55 29.60	−07 58 15.9	6.07		G	133.873 351 97	−07.971 089 17	A	10.24	7.71	−26.34	1.47	0.80	1.45	1.63	0.81	−5	+16	+8	−32	−28	−29	−14	+5	+4	−27	6	0.86
43823		08 55 30.24	−70 06 01.7	8.77		H	133.876 001 79	−70.100 481 81		1.78	−12.67	5.57	0.74	0.77	0.84	0.94	0.86	+11	+12	−17	−10	−9	−6	−8	−32	+32	−10	0	−0.16
43824		08 55 30.63	+44 12 40.1	8.80		H	133.877 628 75	+44.211 149 54		5.90	−30.30	−30.90	1.06	0.73	1.26	1.14	0.64	−27	+15	−27	−33	+13	−9	+14	−40	+17	−9	0	−0.19
43825		08 55 31.52	−27 40 53.9	4.87		H	133.881 314 90	−27.681 625 89		14.40	83.00	−100.92	0.41	0.51	0.66	0.50	0.63	−1	−10	−22	+22	−7	+7	−20	−11	+13	−21	1	−0.46
43826		08 55 33.37	+80 01 49.0	7.56		G	133.889 042 71	+80.030 275 31		4.73	−22.64	−7.55	0.53	0.52	0.70	0.59	0.58	−2	+24	−18	+16	+2	+22	+7	+0	−1	+20	0	0.94
43827		08 55 34.46	−24 37 26.9	10.68		H	133.893 602 13	−24.624 151 00	A	0.80	−13.02	0.36	3.88	3.42	5.01	4.12	3.13	−12	+20	+18	+8	−12	+2	−11	+10	−5	−23	0	1.34
43828		08 55 35.62	+39 26 06.2	10.92		H	133.898 413 06	+39.435 066 21		3.60	29.01	−17.95	1.78	1.18	2.04	2.13	1.37	−41	+15	−21	−35	+3	+6	+9	−16	−3	−59	0	−1.74
43829		08 55 36.76	+40 02 41.6	8.50		G	133.903 160 71	+40.044 887 62		3.01	−3.68	−23.76	0.96	0.61	1.06	1.14	0.76	−32	+10	−8	−40	−3	+6	+5	−7	−7	−56	0	−1.62
43830		08 55 37.39	+79 42 47.9	9.28		H	133.905 777 62	+79.713 303 41		2.82	−5.66	−2.49	0.80	0.76	1.03	0.92	0.90	−1	+17	−9	+28	−3	+26	+2	+6	+5	+16	0	−0.36
43831		08 55 37.74	+06 09 05.0	8.93	2	H	133.907 252 49	+06.151 380 33		2.43	−10.38	3.00	1.14	0.78	1.42	1.47	0.94	−23	+33	−28	+1	+32	−30	+19	+11	−10	−16	0	−0.89
43832		08 55 39.06	+06 59 31.0	8.60		G	133.912 729 35	+06.991 933 68		4.72	−9.37	−3.51	0.99	0.77	1.27	1.50	1.06	−37	+22	−25	−11	+22	−30	+14	+17	−13	−41	3	0.01
43833		08 55 39.25	+14 10 51.8	7.79		G	133.913 537 05	+14.181 058 97		3.72	18.67	−35.86	1.07	0.71	1.09	1.35	1.01	−12	+26	−20	−33	+1	−19	−1	−3	+1	−17	0	1.98
43834		08 55 39.69	+27 55 39.2	5.23		H	133.915 370 04	+27.927 562 65		5.68	−14.98	−33.37	0.72	0.50	0.84	0.98	0.71	−19	+14	−14	+3	+0	−42	−3	+41	+11	−24	0	0.60
43835		08 55 39.85	−09 08 29.4	8.76	3	T	133.916 030 35	−09.141 491 52		1.67	−5.16	1.54	1.27	1.02	1.78	1.89	1.10	−32	+11	+7	+27	−29	−56	−27	+69	+16	−39	0	−0.22
43836	H	08 55 40.52	+41 40 40.7	7.82		H	133.918 840 95	+41.677 977 71	*	3.87	−24.17	−22.10	0.81	0.58	0.99	0.94	0.69	−35	+39	−18	+6	−7	−20	−9	+3	+5	−41	0	1.01
43837		08 55 40.64	−02 47 27.0	6.93		H	133.919 341 87	−02.790 835 01		4.63	2.71	24.52	0.78	0.49	0.95	0.93	0.47	−18	+32	−10	−35	−4	−49	+1	−4	+18	−35	0	0.73
43838		08 55 42.51	−32 10 46.7	8.52		H	133.927 117 55	−32.179 631 17		3.86	−18.12	11.66	0.50	0.64	0.92	0.60	0.75	+14	−3	−15	−10	−4	+10	−2	+0	+6	+4	0	0.98
43839		08 55 44.12	−78 44 10.3	9.02		H	133.933 825 64	−78.736 192 16		1.06	−9.45	14.57	0.69	0.67	0.75	0.74	0.74	+0	+13	+6	+10	−6	+3	−8	−11	+13	−16	0	−0.12
43840		08 55 44.86	+68 28 11.6	8.52		H	133.936 935 42	+68.469 886 14		2.08	3.23	−0.72	0.56	0.70	0.98	0.62	0.86	+34	+17	+3	+1	+5	+1	+6	+1	+4	+46	1	0.22
43841		08 55 47.52	+61 10 02.7	8.94		H	133.948 019 31	+61.167 419 39		23.49	38.34	−113.80	0.74	0.77	1.24	0.83	0.81	−11	+17	−8	+41	−11	+12	−4	+20	−2	+15	0	−1.37
43842		08 55 47.89	−34 16 08.4	7.66		H	133.949 548 15	−34.268 998 68		1.59	−5.74	2.86	0.51	0.57	0.81	0.55	0.61	+30	−8	−9	−18	+2	+1	+1	−7	+9	+32	0	−2.78
43843		08 55 49.15	+44 39 44.0	7.89		G	133.954 789 97	+44.662 215 12		12.91	43.07	−55.42	0.79	0.53	0.96	0.81	0.47	−23	+36	−25	−28	+13	−23	+17	−39	+23	+0	0	−1.33
43844		08 55 50.09	+74 24 17.3	8.43		H	133.958 713 33	+74.404 792 50		4.26	−60.22	−26.23	0.67	0.63	0.93	0.73	0.73	+11	+24	−15	−8	+7	+2	+7	+4	+13	+36	0	0.54
43845		08 55 50.55	−76 14 54.8	8.19		G	133.960 630 25	−76.248 544 40		16.97	−149.62	−60.31	0.70	0.56	0.69	0.80	0.61	+10	+26	+13	−12	−17	−12	−12	−9	+10	−12	0	−0.22
43846		08 55 50.64	+17 39 54.0	8.50		H	133.961 010 93	+17.665 006 24		2.39	−19.39	−13.25	1.42	0.78	1.18	1.76	1.00	+28	+19	−26	−63	−24	−37	−37	−22	−8	+28	0	1.51
43847		08 55 51.91	−50 51 14.8	8.35		G	133.966 302 72	−50.854 099 90		0.83	−10.37	7.55	0.60	0.62	0.69	0.78	0.65	−3	+0	+15	−7	+12	−2	+11	−27	−3	−2	0	0.23
43848	H	08 55 52.17	−59 25 28.9	8.53		H	133.967 362 19	−59.424 681 92	A	5.76	−27.81	20.12	1.19	1.09	1.14	1.23	1.10	+4	−10	−2	−2	+0	−10	−4	−25	+22	−4	2	0.44
43849		08 55 52.98	+49 05 14.1	7.89		H	133.970 740 08	+49.087 239 65		3.68	−17.64	−39.42	0.91	0.62	0.97	1.32	0.74	+11	+15	−12	+11	+27	−15	+28	−1	+5	+49	0	−0.57
43850		08 55 54.49	−15 26 22.0	6.47	1	H	133.977 021 67	−15.439 430 77		4.01	4.46	−43.44	0.73	0.45	0.97	0.88	0.46	−1	+28	+18	−11	−22	+10	−11	+34	+8	−22	0	−0.13
43851		08 55 55.56	+11 37 33.8	5.44		G	133.981 483 74	+11.626 058 26		5.60	−13.33	−14.42	0.92	0.64	1.09	1.19	0.93	−49	+34	−31	−12	+34	+8	+24	+2	−34	−53	0	0.36
43852		08 55 55.70	+36 11 46.4	7.69	1	H	133.982 088 89	+36.196 219 53		38.21	−23.50	−12.23	0.91	0.59	1.00	1.19	0.86	−14	+24	−15	+2	+12	−13	+9	+34	−7	−7	0	0.16
43853		08 55 55.93	−23 49 06.3	6.39		G	133.983 056 37	−23.818 413 70		14.24	−46.96	45.55	0.49	0.43	0.71	0.50	0.45	−11	+0	−7	+37	−11	+16	−12	+28	+0	−23	0	2.25
43854		08 55 56.68	+00 53 09.7	8.24		H	133.986 175 41	+00.886 022 78		2.89	−1.26	−9.95	0.99	0.67	1.14	1.24	0.66	−48	+27	−17	−26	+24	−29	+22	−40	+20	−66	0	−0.44
43855		08 55 58.99	+21 41 32.0	8.54		H	133.995 775 32	+21.692 235 95		4.35	−31.75	−17.62	1.11	0.71	1.17	1.31	0.98	−20	+23	−12	−27	+21	−8	+17	−13	−17	−23	0	0.06
43856		08 56 04.04	+23 04 17.1	8.83		H	134.016 851 85	+23.071 428 77		3.74	3.16	−5.61	1.01	0.75	1.15	1.35	1.15	−17	+3	−21	−18	+16	−22	+15	−5	−10	−37	0	0.89
43857		08 56 04.34	−06 16 18.7	8.11		H	134.018 083 33	−06.271 874 94		1.43	−10.29	−0.79	0.83	0.45	1.00	0.97	0.50	−7	+24	−4	−19	−21	−13	−15	+19	−9	−27	0	−0.22
43858		08 56 04.41	+15 43 26.3	7.96		H	134.018 355 91	+15.723 964 53		9.68	0.50	−47.88	1.09	0.71	1.13	1.54	1.17	−14	+21	+7	−19	+27	−2	+24	−26	−13	−34	3	0.00
43859		08 56 04.70	−11 09 13.3	8.11		H	134.019 588 25	−11.153 700 96		6.01	4.04	−19.03	0.85	0.48	1.03	1.06	0.52	−8	+14	−9	+4	−15	−13	−12	+40	−10	−19	3	0.08
43860		08 56 06.82	−64 39 38.5	9.36		H	134.028 427 82	−64.660 687 23		11.09	−41.34	39.84	0.74	0.81	0.88	0.78	0.85	−8	−4	+11	+1	−2	−17	−4	−14	+21	−30	1	−0.04
43861	H	08 56 07.06	+36 26 11.0	8.16		G	134.029 407 05	+36.436 381 99	A	21.68	−117.24	−226.11	1.77	1.30	1.78	2.33	1.67	−26	−4	−7	−19	+27	−13	+28	+12	−3	−13	1	−0.89
43862	H	08 56 07.21	+43 40 39.3	7.83		H	134.030 044 51	+43.677 582 48	A	5.36	14.82	−0.78	2.35	1.46	2.09	2.18	1.00	−41	+1	−9	−32	+5	−9	+5	−31	+12	+4	2	−0.02
43863		08 56 08.17	+60 20 11.0	7.97		H	134.034 057 15	+60.336 382 84		3.71	−7.37	−8.62	0.53	0.59	0.97	0.80	0.61	−14	+17	−5	−32	−20	−9	−25	−1	−1	+28	0	1.28
43864		08 56 08.33	−62 13 15.2	9.07		H	134.034 694 71	−62.220 884 58		3.27	−7.84	−1.36	0.71	0.68	0.80	0.68	0.71	−7	−3	+8	−10	−19	−15	−21	−13	−2	−30	0	0.81
43865		08 56 10.39	+26 21 39.5	8.25		H	134.043 303 29	+26.360 975 31		9.20	−40.40	−15.97	1.20	0.71	1.15	1.69	1.00	+10	+12	−20	−46	−22	−33	−26	+12	+21	+1	3	0.63
43866		08 56 11.19	+01 40 37.8	9.23		G	134.046 634 21	+01.677 177 49		3.55	−30.38	−22.99	1.46	0.92	1.83	1.53	0.83	−54	+37	−28	−35	+26	−40	+24	−35	+23	−63	0	1.81
43867		08 56 11.26	−55 31 42.1	7.69	2	G	134.046 923 54	−55.528 357 27		2.38	−16.37	7.02	0.60	0.59	0.67	0.66	0.64	+1	−11	+1	−16	−6	+14	−4	−7	−10	−14	0	−0.67
43868		08 56 12.13	−13 54 16.4	8.05	2	H	134.050 555 29	−13.904 556 85		0.47	−10.10	13.19	0.69	0.48	0.92	0.86	0.51	−10	+11	−13	−2	−6	−28	−8	+28	−9	−16	0	1.24
43869		08 56 13.29	−55 57 19.1	8.87		H	134.055 391 18	−55.955 310 34		1.01	1.70	2.54	0.63	0.68	0.74	0.65	0.70	−2	+3	+6	+7	−4	+12	−8	−15	−12	−18	0	−1.78
43870		08 56 13.29	+53 03 31.4	8.71		H	134.055 392 86	+53.058 714 37		9.16	−7.60	−2.94	0.94	0.75	1.17	1.25	0.74	+1	+14	−33	+5	+5	−10	+3	−21	+15	+5	0	−2.40
43871		08 56 13.45	+24 26 52.5	6.74		H	134.056 041 43	+24.447 926 74		12.65	107.09	−69.88	0.86	0.68	0.98	1.09	0.89	−23	+21	−38	−12	−18	−25	−28	+40	−8	−26	0	−0.92
43872	H	08 56 15.17	+47 45 23.5	8.74		H	134.063 206 26	+47.756 528 12	*	4.02	−8.06	−26.83	1.05	0.75	1.24	1.21	0.63	−30	+12	−23	−3	+21	−22	+23	−36	+7	−3	0	1.08
43873		08 56 15.91	−42 09 29.0	9.12		H	134.066 302 96	−42.158 044 51		6.69	−12.64	−40.38	0.72	0.75	0.97	0.81	0.77	+17	−5	+9	+12	+0	+21	−7	−17	+6	+4	0	0.85
43874		08 56 16.71	+44 08 24.9	8.72		H	134.069 634 28	+44.140 249 06		12.39	−4.68	16.97	1.13	0.74	1.33	1.23	0.63	−20	+18	−23	−34	+10	−9	+13	−45	+20	+2	2	−0.13
43875		08 56 17.17	−60 28 19.2	7.38		H	134.071 561 72	−60.471 995 52		1.27	−13.26	11.65	0.52	0.55	0.62	0.53	0.58	+0	−9	−9	−2	−11	−8	−18	−21	+27	−31	0	0.90
43876		08 56 18.42	+03 34 06.0	8.73		H	134.076 738 58	+03.568 342 89		5.24	−3.76	−22.37	1.12	0.84	1.45	1.41	0.84	−37	+48	−53	−5	+31	−24	+10	+15	−12	−2	0	−1.79
43877		08 56 18.92	−29 27 09.1	8.31		H	134.078 835 42	−29.452 521 80		4.37	−5.02	−8.45	0.66	0.64	0.97	0.73	0.67	−1	−4	+3	+23	−7	+14	−8	+17	+6	−5	1	0.48
*43878	H	08 56 19.28	−52 43 24.6	4.68		G	134.080 325 10	−52.723 510 71	A	8.68	−16.58	14.60	0.50	0.50	0.53	0.54	0.45	−5	+11	+30	−1	+6	+0	+7	−12	−5	−1	1	−0.35
*43879		08 56 19.26	−63 27 51.2	8.47		H	134.080 234 51	−63.464 219 12		7.33	−13.89	−18.18	0.73	0.66	0.77	0.69	0.68	+10	+19	+10	−30	−19	−13	−15	−15	+9	−14	0	−0.56
43880	H	08 56 19.96	−37 07 20.9	6.85		G	134.083 160 76	−37.122 469 22	A	25.36	−161.99	−0.67	0.64	0.72	0.77	0.52	0.58	+1	−1	+4	−4	−1	+12	+0	−7	+2	−12	2	1.48
43881		08 56 22.48	+38 48 42.5	7.38		H	134.093 673 29	+38.811 793 46		7.45	−11.20	−54.91	0.72	0.53	0.87	0.76	0.60	−48	+7	−13	−36	+0	+4	+6	−11	+1	−68	0	−1.14
43882		08 56 22.96	+28 40 05.3	8.58		H	134.095 658 64	+28.668 141 78		18.64	−31.72	−83.89	1.30	0.90	1.25	1.53	1.03	−34	+41	−28	−37	+14	−19	+8	+21	−4	−20	0	0.26
*43883		08 56 24.82	−53 48 05.2	8.87		H	134.103 396 54	−53.801 431 84	B	5.61	0.35	0.40	4.49	4.30	3.20	3.82	3.43	−2	−1	+16	+2	−7	−3	−7	−13	−3	−16	12	3.37
*43884		08 56 24.56	+56 37 11.7	9.20		H	134.102 325 80	+56.619 922 29		6.19	−23.94	−57.50	1.00	0.84	1.24	1.12	0.78	−20	+8	−19	−57	+3	+4	+2	−25	+13	−5	0	−0.46
*43885		08 56 24.11	−53 47 56.4	8.91		H	134.100 478 04	−53.799 007 71	A	−0.54	−6.56	1.25	3.06	3.10	2.70	3.07	3.01	+5	+10	+12	−7	−5	+3	−5	−8	−1	−14	12	3.37
*43886		08 56 24.46	+83 53 15.6	7.48		H	134.101 910 05	+83.887 659 97		23.87	−142.79	−114.09	0.49	0.44	0.59	0.58	0.50	−1	+22	−7	+14	−11	+17	−11	+2	−9	+3	0	0.38
*43887		08 56 25.06	−61 52 41.6	8.23		H	134.104 428 53	−61.878 223 64		2.40	3.79	−3.75	0.63	0.62	0.70	0.59	0.67	−4	+2	+8	−8	−25	−6	−30	−11	−2	−35	0	−0.08
*43888		08 56 24.92	−76 23 26.8	7.78		H	134.103 850 73	−76.390 782 41		4.03	28.56	−33.20	0.62	0.54	0.63	0.71	0.57	+5	+21	+8	−13	−13	−16	−10	−11	+7	−14	0	0.51
43889		08 56 26.15	+25 23 51.3	9.67		H	134.108 950 15	+25.397 579 47		3.07	−46.09	−15.40	1.36	1.07	1.60	1.69	1.39	−24	+18	−35	−13	−17	−35	−28	+44	+1	−32	0	−0.50
43890		08 56 28.72	−29 20 42.4	7.57		H	134.119 669 97	−29.345 111 61		3.37	5.08	−1.26	0.52	0.51	0.75	0.57	0.55	−5	+0	+4	+16	−9	+10	−10	+8	+6	−7	1	0.55
43891	H	08 56 29.16	+70 58 15.7	10.52		G	134.121 489 77	+70.971 016 07	A	9.40	−56.16	−180.88	2.04	2.08	2.71	1.84	2.28	+12	+20	−21	−21	−17	+6	−22	−16	−8	+16	1	0.27
43892		08 56 29.24	+44 15 04.2	7.90		H	134.121 848 49	+44.251 174 34		2.28	−0.43	−1.21	0.90	0.57	1.01	0.96	0.48	−17	+19	−24	−33	+11	−11	+12	−45	+17	+8	2	−0.12
43893		08 56 29.35	−61 38 46.7	8.97	2	H	134.122 279 50	−61.646 311 22		2.68	−18.88	13.82	0.71	0.66	0.79	0.69	0.77	−8	+10	+5	−6	−20	−14	−24	−8	+5	−40	1	0.59
43894		08 56 30.58	+40 12 05.6	5.90		H	134.127 409 31	+40.201 567 18		13.81	−81.85	−38.31	0.61	0.43	0.73	0.65	0.49	−34	+28	−12	−19	−9	−12	−8	−6	+0	−56	0	−1.23
43895		08 56 31.97	+38 42 33.8	9.90		H	134.133 219 57	+38.709 393 36		5.76	−16.88	−0.72	1.16	0.88	1.57	1.29	1.01	−46	+11	−27	−21	−15	+1	−8	+4	+7	−68	0	0.16
43896		08 56 32.18	−11 05 52.7	7.76	1	H	134.134 072 73	−11.097 974 85		1.92	−28.65	4.00	0.80	0.46	1.00	1.00	0.50	−8	+23	−13	+7	−12	−12	−13	+36	−21	−15	0	0.93
43897		08 56 33.12	+12 25 55.1	8.39		H	134.138 008 91	+12.431 965 06		13.60	−24.63	−23.23	0.93	0.69	1.09	1.13	0.86	−37	+17	−26	−15	+29	−28	+24	+12	−12	−34	3	0.64
43898		08 56 33.84	+45 45 50.8	6.84		H	134.141 001 68	+45.764 120 23		12.89	−25.03	−2.20	0.69	0.50	0.85	0.76	0.41	−23	+28	−27	−23	+16	−28	+17	−43	+16	+5	4	−0.84
43899		08 56 34.13	−16 42 31.3	5.95	1	H	134.142 216 54	−16.708 682 42		4.42	−8.89	−27.02	0.68	0.41	0.86	0.80	0.43	−22	−17	+20	+52	−8	−25	−11	+41	+13	−45	2	0.71
43900	H	08 56 34.36	−60 19 24.4	8.77	1	H	134.143 172 95	−60.323 454 87	A	3.06	−15.79	3.69	1.47	1.50	1.24	1.16	1.29	−2	−11	−11	−13	−9	−8	−19	−29	+22	−39	3	−0.29

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
43801	10.197	0.023	9.077	0.015		0.965	0.021	T	0.95	0.02	L	9.1316	0.0019	0.022	148		9.09	9.19		C			1 S							
43802	11.834	0.101	10.686	0.056		0.979	0.092	T	0.96	0.07	L	10.7815	0.0043	0.050	171		10.62	10.87					1 S							G
43803	9.222	0.014	7.944	0.009		1.088	0.013	T	1.05	0.01	L	7.9998	0.0014	0.013	116		7.98	8.02		C			1							
43804	10.665	0.030	10.151	0.031		0.483	0.039	T	0.55	0.04	L	10.2309	0.0024	0.024	182		10.17	10.27					1							
43805	7.071	0.006	6.896	0.006		0.168	0.008	T	0.18	0.01	L	6.9224	0.0008	0.007	119		6.91	6.93		C	08553−1123	I 1	1							S
43806	9.186	0.012	7.404	0.006		1.484	0.011	T	1.50	0.02	L	7.3835	0.0012	0.014	170		7.36	7.41					1							S
43807	6.053	0.004	6.228	0.004		−0.152	0.004	G	−0.15	0.01	H	6.2115	0.0018	0.015	112		6.18	6.24		U 2	08553−4503	I 1	1							S P
43808	10.529	0.030	9.520	0.021		0.870	0.029	T	0.88	0.02	L	9.5833	0.0019	0.023	141		9.55	9.62					1							G
43809	9.743	0.018	8.125	0.009		1.355	0.016	T	1.32	0.02	L	8.1243	0.0014	0.016	185		8.10	8.15					1							
43810	8.478	0.010	7.147	0.006		1.129	0.009	T	1.09	0.01	L	7.1854	0.0008	0.007	103		7.17	7.20					1 S							S
43811	10.367	0.053	6.552	0.008		2.975	0.039	T	3.05	0.04	L	6.1719	0.0208	0.079	53		6.02	6.33		U 2 B			1 S							S P
43812	8.271	0.008	8.336	0.011	A	0.200	0.495	G	−0.05	0.03	L *	8.2397	0.0051	0.053	118	*	8.17	8.34	2.09	P 1 A	08554−4653	I 1	2 C B	AB	314	1.575	0.025	2.60	0.13	
43813	4.403	0.004	3.232	0.003		0.978	0.049	G	0.96	0.02	A	3.2803	0.0005	0.003	60		3.27	3.29		C			1							S
43814	9.088	0.014	8.783	0.015		0.309	0.011	G	0.35	0.01	H	8.8236	0.0019	0.016	111		8.79	8.85					1							
43815	7.648	0.005	7.132	0.005		0.485	0.006	T	0.56	0.01	L	7.1716	0.0009	0.010	200		7.16	7.19					1							S
43816	8.337	0.012	6.820	0.008		1.275	0.011	T	1.23	0.01	L	6.8336	0.0010	0.006	71		6.82	6.85		C			1							S
43817	7.394	0.008	7.371	0.009		0.025	0.003	G	0.04	0.00	H	7.3769	0.0010	0.007	55		7.37	7.39		D			1							S
43818	8.760	0.012	8.371	0.012		0.368	0.016	T	0.43	0.02	L	8.4373	0.0011	0.013	121		8.41	8.46					1							S
43819	9.671	0.023	9.300	0.025		0.351	0.032	T	0.41	0.04	L	9.3028	0.0027	0.017	73		9.28	9.34		C			1							
43820						1.385	0.009	G	1.64	0.02	I	8.1281	0.0014	0.019	170		8.10	8.16		D	08555+7048	I 1	S							G
43821	9.529	0.017	7.765	0.008		1.470	0.015	T	1.48	0.02	L	7.7499	0.0013	0.010	115		7.73	7.77		C			1							
43822	6.939	0.006	6.702	0.007	A	0.220	0.042	G	0.24	0.05	R *	6.1509	0.0010	0.010	128	*	6.14	6.18		D	08555−0758	I 1	2 C A	AB	3	4.097	0.002	0.25	0.01	S
43823	10.148	0.029	8.895	0.018		1.068	0.027	T	1.03	0.02	L	8.9357	0.0023	0.017	99		8.91	8.97		C			1							
43824	9.288	0.015	8.839	0.015		0.424	0.019	T	0.49	0.02	L	8.8932	0.0020	0.017	104		8.86	8.93					1							
43825	5.040	0.002	4.892	0.002		0.142	0.003	T	0.16	0.00	L	4.9192	0.0005	0.005	148		4.91	4.93		C	08555−2741	I 1	1 G							S
43826	7.554	0.005	7.592	0.007		−0.006	0.004	G	0.01	0.00	H	7.5768	0.0014	0.014	131		7.56	7.60					1							S
43827	11.353	0.093	10.681	0.084	A	0.622	0.104	T	0.69	0.09	L	10.8154	0.0311	0.053	110	A	10.75	10.93			08556−2437	H 1	2 C D	AB	152	12.870	0.040	2.07	0.23	G D
43828	12.125	0.167	10.988	0.087		0.629	0.126	G	0.70	0.11	R	11.0525	0.0027	0.031	110		10.95	11.10		D			1							G
43829	9.030	0.013	8.544	0.012		0.450	0.015	G	0.52	0.02	H	8.6017	0.0017	0.017	111		8.58	8.63					1							S
43830	10.373	0.032	9.379	0.022		0.870	0.029	T	0.88	0.02	L	9.4359	0.0019	0.023	129		9.40	9.49					1							
43831	11.021	0.123	9.152	0.044		1.586	0.108	T	2.30	0.22	O	8.9811	0.0059	0.027	59		8.94	9.03		U 2			1							
43832	8.952	0.018	8.617	0.019		0.328	0.015	G	0.38	0.02	H	8.6743	0.0018	0.015	65		8.65	8.70		C			1							
43833	8.880	0.016	7.876	0.012		0.873	0.015	G	0.88	0.01	H	7.9513	0.0021	0.011	56		7.93	7.98		C			1							S
43834	6.490	0.005	5.342	0.004		1.000	0.001	G	0.98	0.00	H	5.3998	0.0007	0.005	83		5.39	5.41					1							S
43835	10.379	0.043	8.901	0.022		1.245	0.038	T	3.86	0.96	Q	9.3520	0.3137	1.504	108		7.67	11.51	282.00	P 1 B			1 S							G P
43836	8.171	0.010	7.841	0.011	*	0.313	0.014	T	0.36	0.02	L *	7.9006	0.0011	0.008	100	*	7.89	7.92		D	08557+4141	I 1	2 C S A	AB	206	0.193	0.004	0.20	0.10	S
43837	8.336	0.012	7.037	0.006		1.104	0.010	T	1.07	0.01	L	7.0960	0.0012	0.008	88		7.08	7.11		C			1							S
43838	9.742	0.013	8.614	0.009		0.971	0.012	T	0.96	0.01	L	8.6817	0.0016	0.019	231		8.65	8.72					1							
43839	9.176	0.014	9.033	0.017		0.130	0.021	T	0.14	0.02	L	9.0721	0.0015	0.017	115		9.04	9.10					1							
43840	9.870	0.015	8.628	0.009		1.060	0.014	T	1.03	0.01	L	8.6909	0.0016	0.021	208		8.66	8.73					1							
43841	10.083	0.021	9.025	0.015		0.908	0.020	T	0.95	0.02	L	9.0801	0.0023	0.022	174		9.04	9.12					1							
43842	7.745	0.005	7.673	0.006		0.071	0.007	T	0.08	0.01	L	7.6848	0.0013	0.015	174		7.66	7.72					1							S
43843	8.510	0.011	7.938	0.010		0.551	0.015	G	0.62	0.01	H	8.0056	0.0011	0.011	110		7.99	8.02					1							S
43844	9.805	0.016	8.548	0.010		1.071	0.015	T	1.04	0.01	L	8.5949	0.0016	0.017	160		8.57	8.63		C			1							S
43845	8.959	0.012	8.271	0.011		0.631	0.015	G	0.70	0.01	H	8.3296	0.0012	0.012	111		8.31	8.35		C			1							S
43846	10.171	0.040	8.624	0.020		1.299	0.035	T	1.26	0.04	L	8.6494	0.0021	0.014	47		8.63	8.67		C			1							
43847	8.336	0.009	8.367	0.011		−0.005	0.015	G	0.02	0.01	H	8.3606	0.0014	0.015	127		8.34	8.39		C			1							
43848	9.764	0.037	8.665	0.025	A	1.000	0.495	G	0.96	0.03	L *	8.6923	0.0021	0.018	100	*	8.66	8.72		D	08559−5925	I 1	2 C A	AB	128	3.021	0.029	3.26	0.12	
43849	9.231	0.016	7.981	0.010		1.066	0.015	T	1.03	0.01	L	8.0592	0.0016	0.013	95		8.04	8.08		C			1							S
43850	8.293	0.009	6.627	0.005		1.393	0.008	T	1.37	0.01	L	6.6148	0.0009	0.012	104		6.59	6.63		U 2			1							S
43851	7.369	0.007	5.610	0.003		1.462	0.004	G	1.35	0.04	E	5.6177	0.0008	0.006	80		5.61	5.63					1							S
43852	8.650	0.012	7.768	0.009		0.771	0.012	T	0.81	0.01	L	7.8338	0.0028	0.018	81		7.80	7.86		U			1							S
43853	6.580	0.004	6.403	0.005		0.157	0.005	G	0.17	0.01	H	6.4390	0.0007	0.007	125		6.42	6.46					1							S
43854	9.791	0.021	8.370	0.012		1.200	0.019	T	1.16	0.02	L	8.4083	0.0013	0.011	102		8.39	8.43					1							S
43855	8.904	0.018	8.572	0.019		0.289	0.006	G	0.33	0.01	H	8.6157	0.0018	0.010	60		8.59	8.64		C			1							S
43856	9.277	0.024	8.845	0.024		0.408	0.031	T	0.47	0.03	L	8.9205	0.0025	0.014	62		8.89	8.97		C			1							
43857	9.721	0.017	8.240	0.009		1.247	0.015	T	1.21	0.01	L	8.2750	0.0015	0.013	144		8.26	8.30					1							
43858	8.566	0.018	8.012	0.017		0.503	0.015	G	0.58	0.02	H	8.0723	0.0018	0.009	47		8.06	8.09		C			1							S
43859	8.334	0.009	8.123	0.010		0.202	0.013	T	0.22	0.01	L	8.1774	0.0015	0.012	109		8.16	8.20					1							S
43860	10.066	0.025	9.437	0.023		0.580	0.025	T	0.65	0.02	L	9.4882	0.0029	0.022	112		9.46	9.54					1							
43861	9.067	0.015	8.260	0.012	*	0.711	0.009	G	0.76	0.01	H *	8.2979	0.0015	0.014	82	*	8.28	8.32		D	08561+3626	H 1	2 C A	AB	138	0.704	0.034	2.94	0.08	S
43862	8.416	0.025	7.675	0.019	*	0.678	0.025	T	0.74	0.02	L *	7.9677	0.0014	0.014	99	*	7.94	8.00		D	08561+4341	I 1	2 C A	AB	359	1.380	0.005	0.52	0.02	S
43863	9.628	0.013	8.104	0.007		1.281	0.012	T	1.24	0.01	L	8.1228	0.0013	0.017	199		8.10	8.15					1							S
43864	10.529	0.030	9.184	0.017		1.140	0.027	T	1.10	0.03	L	9.2354	0.0018	0.020	118		9.20	9.27					1							
43865	8.659	0.016	8.300	0.016		0.370	0.014	G	0.43	0.01	H	8.3356	0.0016	0.010	51		8.32	8.36		C			1							S
43866	8.867	0.015	9.166	0.023		−0.270	0.016	G	−0.29	0.02	H	9.1237	0.0018	0.016	75		9.10	9.16		C			1							
43867	9.872	0.025	7.889	0.010		1.695	0.020	G	2.13	0.02	A	7.7406	0.0026	0.021	105		7.70	7.77		U 2	08562−5531	I 1	1							
43868	7.771	0.006	7.992	0.009		−0.193	0.009	T	−0.20	0.01	L	7.9766	0.0026	0.021	106		7.94	8.02		U 2			1							S
43869	8.899	0.012	8.856	0.015		0.039	0.017	T	0.05	0.01	L	8.8869	0.0020	0.018	116		8.86	8.91		C			1							
43870	9.447	0.020	8.765	0.017		0.630	0.022	T	0.70	0.02	L	8.8415	0.0023	0.020	88		8.81	8.88					1							S
43871	7.209	0.006	6.797	0.007		0.403	0.008	T	0.47	0.01	L	6.8315	0.0007	0.008	63		6.82	6.84		C			1							S
43872	9.447	0.019	8.817	0.017	*	0.581	0.019	T	0.65	0.02	L *	8.8696	0.0022	0.016	87	*	8.84	8.92		D	08563+4745	H 1	2 C S A	AB	301	0.184	0.013	0.25	0.46	
43873	9.752	0.018	9.179	0.017		0.539	0.018	T	0.61	0.02	L	9.2404	0.0018	0.017	131		9.21	9.28		C			1							
43874	9.490	0.016	8.794	0.014		0.630	0.016	T	0.70	0.01	L	8.8475	0.0017	0.015	104		8.82	8.87		C			1							
43875	9.593	0.027	7.581	0.011		1.704	0.024	T	2.09	0.07	O	7.4538	0.0017	0.015	109		7.43	7.48					1							S
43876	9.013	0.018	8.757	0.020		0.285	0.015	G	0.32	0.02	H	8.8078	0.0019	0.014	66		8.78	8.83		C			1							
43877	9.677	0.018	8.438	0.011		1.057	0.016	T	1.02	0.01	L	8.4815	0.0017	0.017	146		8.45	8.51					1							
43878	4.553	0.003	4.687	0.004	A	−0.115	0.002	G	−0.11	0.02	A *	4.6388	0.0007	0.006	108	*	4.63	4.65		D	08563−5243	I 1	2 C A	AB	335	2.557	0.012	3.24	0.05	S
43879	8.852	0.012	8.504	0.013		0.330	0.017	T	0.38	0.02	L	8.5513	0.0018	0.014	112		8.53	8.58		C			1							
43880	7.600	0.005	6.938	0.005	A	0.616	0.004	G	0.68	0.00	H *	6.9778	0.0009	0.009	171	*	6.96	7.00		D	08563−3707	I 1	2 C A	AB	8	1.139	0.024	3.51	0.09	S
43881	9.095	0.012	7.522	0.006		1.340	0.015	G	1.30	0.02	H	7.5355	0.0010	0.012	167		7.51	7.55		C			1							S
43882	9.377	0.018	8.642	0.015		0.620	0.015	G	0.69	0.01	H	8.7123	0.0016	0.011	83		8.69	8.74					1 G							
43883	9.657	0.023	8.874	0.019	B	0.695	0.023	T	0.75	0.02	L	9.0806	0.0133			B				R	08564−5348	I 2	1 C I A							
43884	9.782	0.020	9.249	0.019		0.500	0.025	T	0.57	0.03	L	9.3085	0.0021	0.021	115		9.27	9.35					1							
43885	9.109	0.015	8.953	0.018	A	0.142	0.022	T	0.16	0.02	L	8.9580	0.0126	0.099	118	A	8.89	9.25		D	08564−5348	I 2	1 C P A							
43886	8.115	0.010	7.543	0.008		0.556	0.015	G	0.63	0.01	H	7.5984	0.0010	0.009	127		7.58	7.62					1							S
43887	9.851	0.020	8.348	0.010		1.264	0.018	T	1.22	0.02	L	8.3854	0.0012	0.015	110		8.36	8.41					1							
43888	9.044	0.013	7.900	0.009		0.983	0.012	T	0.96	0.01	L	7.9450	0.0012	0.012	113		7.93	7.96		C			1							
43889	10.201	0.043	9.703	0.041		0.468	0.054	T	0.54	0.06	L	9.7734	0.0026	0.013	56		9.75	9.80					1							
43890	7.856	0.007	7.612	0.008		0.233	0.010	T	0.26	0.01	L	7.6440	0.0011	0.010	139		7.62	7.66		C			1							S
43891	11.881	0.107	10.881	0.068	A	0.929	0.005	G	0.97	0.01	I *	10.7139	0.0035	0.037	170	*	10.65	10.79		D	08565+7058	M 1	2 C A	AB	4	4.530	0.016	1.84	0.07	G
43892	9.205	0.014	8.005	0.009		1.027	0.013	T	1.00	0.01	L	8.0692	0.0012	0.012	112		8.05	8.09					1							S
43893	9.443	0.018	9.013	0.018		0.406	0.023	T	0.47	0.03	L	9.0670	0.0031	0.028	108		9.01	9.10		U			1							
43894	6.335	0.003	5.935	0.003		0.378	0.004	T	0.44	0.00	L	5.9841	0.0006	0.007	107		5.97	5.99					1							S
43895	10.384	0.024	9.939	0.025		0.420	0.032	T	0.49	0.03	L	9.9926	0.0025	0.026	163		9.94	10.04					1							
43896	9.865	0.022	7.959	0.009		1.583	0.019	T	1.60	0.02	L	7.8786	0.0020	0.018	127		7.85	7.90		U			1							
43897	9.210	0.017	8.477	0.014		0.672	0.018	T	0.73	0.01	L	8.5305	0.0020	0.017	100		8.50	8.56					1							S
43898	7.216	0.005	6.873	0.005		0.344	0.015	G	0.40	0.02	H	6.9209	0.0008	0.007	116		6.91	6.94		C			1							S
43899	7.947	0.006	6.125	0.003		1.544	0.006	G	1.56	0.04	E	6.0740	0.0010	0.011	139		6.06	6.09		M			1							S
43900	10.096	0.033	8.873	0.020	*	1.045	0.030	T	1.02	0.03	L *	8.9391	0.0023	0.018	109	*	8.91	8.97		U	08566−6019	H 1	2 C B	AB	124	0.532	0.039	3.37	0.14	

HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α deg (ICRS) (8)	δ deg (ICRS) (9)	(10)	π mas (11)	μα* mas/yr (12)	μδ mas/yr (13)	σα* mas (14)	σδ mas (15)	σπ mas (16)	σμα* mas/yr (17)	σμδ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	F1 % (29)	F2 (30)
43901	H	08 56 34.68	+43 03 33.0	10.48		H	134.144 509 35	+43.059 171 94	A	1.96	−7.92	−15.86	4.20	3.06	3.66	3.81	2.37	−43	+14	−6	−17	+10	−7	+8	−23	+9	−12	1	0.14
43902		08 56 37.04	+04 14 11.7	6.13		H	134.154 323 48	+04.236 585 50		3.21	1.05	−1.81	0.83	0.59	1.06	1.09	0.60	−23	+35	−50	−7	+37	−42	+16	+18	−6	−2	0	0.55
43903		08 56 37.49	+64 36 14.5	5.57		H	134.156 194 84	+64.604 030 54		10.59	−32.93	−81.88	0.39	0.38	0.64	0.46	0.45	+40	−13	−17	−1	−10	+11	−8	+8	+5	+38	0	2.82
43904		08 56 39.43	+33 15 28.2	7.32		H	134.164 299 55	+33.257 838 09		20.55	−0.76	−32.36	0.92	0.59	1.07	0.99	0.78	−42	+50	−42	−21	+11	−32	−17	+47	−27	−12	0	−1.79
43905		08 56 40.14	+19 50 56.9	9.27	3	H	134.167 257 69	+19.849 134 79		0.15	−4.89	5.07	1.19	0.70	1.18	1.40	0.90	−8	+5	−31	−51	+5	−18	+5	−3	−14	−19	0	2.39
43906		08 56 41.20	+72 53 12.0	9.61		H	134.171 674 53	+72.886 662 55		0.77	9.67	5.58	0.93	0.88	1.29	1.10	0.90	+0	+26	−26	+21	−9	+11	−9	+20	−16	+9	0	0.49
43907		08 56 41.47	−02 22 29.1	8.88		H	134.172 810 21	−02.374 757 88		3.44	−7.91	−13.05	0.94	0.61	1.10	1.07	0.55	−26	+27	−21	−26	+5	−32	+5	−22	+18	−34	0	0.83
43908		08 56 41.88	−85 39 47.6	5.43		H	134.174 513 60	−85.663 234 32		20.73	−116.27	33.74	0.44	0.40	0.47	0.55	0.47	+4	+11	+10	+14	−1	+4	−3	−4	−12	+0	0	0.91
43909		08 56 42.31	−63 02 54.6	7.20		H	134.176 303 52	−63.048 491 94		5.41	−27.35	14.14	0.47	0.46	0.52	0.47	0.49	+4	+8	+9	−11	−20	−13	−20	−10	+5	−20	0	0.56
43910		08 56 42.90	+64 52 15.5	8.73		H	134.178 733 06	+64.870 962 63		3.82	−16.21	−3.89	0.67	0.64	1.14	0.80	0.76	+44	+10	+15	+1	−14	−1	−14	+14	−3	+43	0	0.39
43911		08 56 43.77	−80 08 18.3	8.34		H	134.182 388 47	−80.138 426 73		5.34	−25.34	32.41	0.60	0.62	0.66	0.70	0.61	+7	+14	+4	+10	−8	−6	−4	−20	+11	+11	0	−1.46
43912		08 56 45.32	−78 47 48.4	8.87		H	134.188 847 90	−78.796 764 16		3.83	3.49	36.34	0.73	0.67	0.80	0.77	0.75	+4	+27	+11	+16	−5	+11	−4	−11	+19	−8	0	−1.17
43913		08 56 45.51	+00 23 24.5	8.10		G	134.189 628 48	+00.390 131 20		2.24	−12.46	6.37	0.93	0.59	1.03	1.16	0.56	−38	+21	−11	−23	+16	−26	+16	−40	+23	−63	0	0.60
43914		08 56 45.76	−65 01 16.7	8.91		H	134.190 679 14	−65.021 302 58		0.36	−5.91	5.09	0.64	0.69	0.73	0.70	0.74	−6	+8	+2	+0	+4	−12	+0	−23	+16	−29	1	−0.95
43915		08 56 45.97	+17 28 53.0	7.62		H	134.191 542 20	+17.481 400 12		10.64	28.87	−20.36	1.03	0.62	1.01	1.24	0.72	+13	+13	−34	−43	−6	−35	−16	+3	−5	+6	3	0.91
43916	H	08 56 46.63	+42 28 23.1	10.23		H	134.194 290 83	+42.473 089 54	A	2.16	−9.96	−16.01	5.53	3.75	4.71	5.63	3.03	−62	+20	−3	−14	−3	−4	−1	−3	−3	−50	2	0.81
43917		08 56 47.41	−39 38 30.6	8.86		H	134.197 530 66	−39.641 820 39		2.77	−19.36	3.70	0.66	0.78	1.04	0.74	0.78	+11	+20	+30	+6	+14	+21	+10	+3	+10	+3	0	−2.46
43918		08 56 48.25	−30 11 01.9	9.24	2	H	134.201 025 68	−30.183 864 32		−0.36	0.94	3.73	0.66	0.81	1.25	0.91	0.91	+9	+13	−7	+36	+2	+17	+1	+29	−6	−1	0	1.55
43919		08 56 49.38	−08 10 40.0	8.78		H	134.205 761 23	−08.177 767 49		3.36	3.96	5.21	0.94	0.51	1.07	1.24	0.56	−2	+22	+7	−5	−18	−18	−11	+25	−2	−20	1	−0.71
43920	H	08 56 49.72	−17 26 00.2	6.56		G	134.207 154 23	−17.433 390 54	A	14.86	−46.73	−2.33	1.51	0.90	1.46	1.33	0.72	−8	−13	+1	+45	+8	−17	+3	+28	+1	−29	4	1.65
43921		08 56 49.85	−22 31 30.3	8.88		G	134.207 699 57	−22.525 071 42		9.08	−16.88	−34.94	0.72	0.71	1.08	0.88	0.70	−26	+4	+8	+21	−28	−4	−24	+42	+6	−30	2	0.97
43922		08 56 49.85	−24 26 33.4	9.43		H	134.207 708 78	−24.442 620 65		5.68	−2.91	3.76	1.05	0.90	1.54	1.12	0.92	−15	+18	+0	+27	−18	+13	−18	+23	−7	−21	0	0.02
43923		08 56 50.06	+45 37 54.3	5.72		H	134.208 571 78	+45.631 754 77		14.21	−125.02	−44.75	0.63	0.46	0.78	0.66	0.38	−20	+25	−28	−24	+17	−24	+19	−47	+19	+5	0	1.69
43924		08 56 50.42	−04 43 29.9	9.69		G	134.210 100 68	−04.724 976 15		2.52	−5.69	−4.12	1.84	0.76	1.97	1.72	0.77	−9	+52	+2	−49	−16	−19	+11	+16	+22	−36	0	0.31
43925		08 56 50.58	−18 02 05.9	8.06		H	134.210 737 16	−18.034 974 65		5.73	22.01	−38.77	0.73	0.56	1.01	0.83	0.58	−11	+15	+3	+32	−7	−9	−7	+46	−6	−23	4	1.79
43926		08 56 51.33	−27 27 48.1	9.36		H	134.213 888 97	−27.463 373 33		1.47	−3.69	3.26	0.78	0.81	1.27	0.79	0.87	−3	−10	−11	+16	−24	+9	−25	+23	+14	−9	0	−1.83
43927	H	08 56 54.49	−72 24 23.4	8.26		G	134.227 051 94	−72.406 504 45	A	2.77	−15.37	26.01	1.96	2.31	0.88	1.02	0.88	−46	−1	+13	−9	−1	+6	−3	−16	+2	−11	2	−0.43
43928		08 56 54.70	+65 31 33.6	7.36		H	134.227 929 51	+65.526 000 02		1.55	13.06	−2.44	0.48	0.48	0.79	0.58	0.61	+34	+9	+1	−1	−25	+0	−25	+18	−4	+31	0	−0.47
43929		08 56 55.17	−32 22 06.9	10.28		H	134.229 861 80	−32.368 593 60		13.86	−97.70	−23.00	1.11	1.47	2.15	1.52	1.75	+16	−7	−14	+11	−3	+6	−4	+2	−2	−2	2	−0.95
43930		08 56 55.90	−73 55 19.1	6.99		H	134.232 907 68	−73.921 967 35		3.54	−6.81	20.76	0.54	0.49	0.60	0.54	0.53	−2	+25	+9	−35	+0	−18	+8	−16	+26	−7	4	1.05
43931		08 56 56.17	+60 23 53.7	8.56		H	134.234 046 43	+60.398 261 72		3.01	−17.17	−19.57	0.64	0.69	1.15	0.96	0.71	−12	+24	+1	−34	−24	−13	−31	+4	−6	+32	0	−0.87
43932		08 56 56.63	+32 54 38.1	5.44		H	134.235 976 42	+32.910 589 31		16.73	−53.39	−65.58	0.82	0.51	0.92	0.98	0.71	−26	+38	−25	−15	+9	−36	−2	+41	−7	−13	0	0.89
43933		08 56 56.92	+56 53 20.2	6.97		H	134.237 180 63	+56.888 940 18		2.54	20.42	−1.69	0.62	0.57	0.84	0.71	0.53	−12	+17	−17	−50	−2	−3	−3	−32	+2	+1	0	0.08
43934		08 56 57.15	−42 09 14.2	8.47		H	134.238 112 33	−42.153 953 46		4.28	2.37	5.03	0.56	0.66	0.80	0.66	0.73	+5	−6	+12	+10	−4	+23	−9	−12	+0	−5	2	−1.27
43935		08 56 57.20	+20 11 59.5	8.16		G	134.238 331 89	+20.199 848 02		7.96	17.32	−12.80	1.09	0.66	1.12	1.27	0.81	−8	+18	−30	−38	+12	−28	+7	−2	−7	−15	5	1.31
43936	H	08 56 57.32	−50 21 23.9	7.62	2	H	134.238 849 34	−50.356 625 18	A	1.82	−12.39	20.60	1.40	1.22	1.11	1.28	0.91	−18	+9	+1	−17	+8	−1	+7	−6	+8	−7	4	1.65
43937		08 56 58.43	−59 13 45.7	4.93	1	H	134.243 446 13	−59.229 358 83		5.25	−8.43	8.65	0.42	0.41	0.46	0.45	0.44	+15	−13	+7	+7	−12	+11	−16	−6	+13	+9	0	−0.87
43938		08 56 58.55	−49 40 51.7	7.16	1	H	134.243 957 21	−49.681 033 81		0.43	−6.06	3.67	0.55	0.51	0.62	0.72	0.54	+4	+6	+3	−2	+2	−16	+2	−13	+3	+4	0	−0.50
43939		08 56 59.71	−12 49 07.5	8.57		H	134.248 798 67	−12.818 739 64		0.66	−3.54	−3.06	0.87	0.55	1.10	1.10	0.57	−4	+18	−3	−12	−20	−14	−14	+30	−3	−15	2	1.85
43940		08 56 59.80	+75 38 22.8	9.83		H	134.249 180 39	+75.639 671 28		1.16	−7.48	−8.46	0.96	0.99	1.30	1.09	1.07	+19	−2	−15	+11	−10	+1	−10	+9	+10	+20	2	−0.55
43941		08 57 00.38	−67 16 56.2	8.98		H	134.251 565 69	−67.282 288 44		2.74	−77.63	88.68	0.78	0.76	0.83	0.89	0.76	+7	+4	+10	−3	−6	+4	−8	−26	+12	−6	0	0.50
43942		08 57 01.09	−31 44 16.7	9.91		H	134.254 555 52	−31.737 983 11		10.18	48.15	−6.72	0.93	1.25	1.54	1.04	1.35	−18	−3	−21	+41	−27	+12	−25	+31	−16	−27	3	1.86
43943		08 57 01.85	−09 37 15.4	8.82		H	134.257 712 56	−09.620 946 11		1.29	−1.28	−3.08	1.11	0.58	1.22	1.38	0.64	+5	+25	+8	−20	−24	−2	−13	+33	−8	−19	2	0.22
*43944	H	08 57 02.70	+37 14 36.4	8.55		H	134.261 230 76	+37.243 456 86	A	7.14	13.14	−10.23	2.04	1.56	1.91	2.55	1.50	−20	+8	−18	+25	+8	−31	+4	+22	−17	−11	1	−0.40
*43945		08 57 02.68	+02 54 27.7	9.52		H	134.261 154 21	+02.907 683 69		0.36	−4.88	6.81	1.17	0.85	1.41	1.51	0.80	−40	+36	−40	−9	+17	−12	+14	−25	+11	−37	0	−0.91
43946		08 57 03.61	−29 50 54.2	8.13		H																							
43947		08 57 04.05	−29 50 45.1	8.34		G	134.266 868 80	−29.845 851 69		25.82	9.96	−24.80	9.95	10.84	16.84	13.09	12.19	+10	+6	−8	+1	+2	+16	+2	−8	+7	−1	0	
43948	H	08 57 04.71	+11 38 51.9	10.60		G	134.269 615 03	+11.647 756 40	A	60.99	−35.21	−317.99	3.57	2.32	3.45	3.73	2.42	−52	+47	−36	−26	+49	−4	+34	−14	−11	−42	0	−0.70
43949		08 57 04.91	+35 01 24.2	7.17		H	134.270 453 95	+35.023 401 29		4.43	−19.38	−17.71	0.78	0.54	0.87	0.97	0.78	−15	+29	−14	+9	+9	−21	+9	+31	+0	−18	0	−1.75
43950		08 57 05.15	+21 51 37.6	7.04		H	134.271 444 06	+21.860 454 28		5.60	−0.53	−4.51	0.88	0.58	0.93	1.03	0.83	−25	+20	−21	−37	+16	−22	+18	−2	−3	−38	0	0.51
43951	H	08 57 06.22	+10 45 29.7	8.48		H	134.275 920 04	+10.758 243 91	B	4.35	−31.72	−25.37	2.43	1.75	2.40	2.76	1.92	−45	+14	−47	−10	+50	−40	+23	+12	−32	−18	0	−0.84
43952		08 57 06.68	+29 12 57.2	9.07		G	134.277 843 82	+29.215 902 48		3.06	−18.97	−9.90	1.21	0.77	1.32	1.43	1.09	−27	+39	−27	−2	+4	−18	−8	+55	−20	−13	6	0.31
43953		08 57 07.06	+54 40 51.0	8.52		H	134.279 435 99	+54.680 841 97		5.30	−7.86	−20.47	0.92	0.74	1.11	1.30	0.84	+17	+13	−30	+39	+26	−7	+30	+4	+17	+40	0	−0.16
43954		08 57 07.45	+44 24 33.4	6.93		H	134.281 032 41	+44.409 276 97		7.14	44.78	10.21	0.76	0.50	0.86	0.77	0.40	−19	+21	−30	−37	+14	−17	+14	−50	+21	+0	2	−0.80
43955	H	08 57 07.56	−43 15 22.3	7.31		G	134.281 490 74	−43.256 204 55	A	3.39	−5.51	7.46	0.72	0.77	0.90	0.78	0.72	+1	+7	+20	−2	−5	−19	+0	−12	+17	+0	3	−0.04
43956		08 57 07.75	−43 14 39.3	10.03		H	134.282 292 05	−43.244 263 06		7.57	−5.68	6.85	1.38	1.45	1.83	1.66	1.53	−2	+8	+5	+6	−7	−5	+0	−37	+22	+5	3	0.44
43957		08 57 08.30	+17 08 37.8	6.17		G	134.284 602 80	+17.143 831 05		8.50	−41.37	−32.95	0.86	0.55	0.91	1.08	0.65	+6	+13	−36	−34	+2	−39	−9	+11	+1	−3	0	0.86
43958		08 57 08.56	−71 01 00.9	7.05		H	134.285 670 94	−71.016 919 20		3.37	−2.47	8.96	0.55	0.49	0.57	0.66	0.53	+11	+21	+9	−18	−9	−5	−3	−19	+22	−4	0	−0.01
43959		08 57 08.92	−51 04 14.0	7.83		H	134.287 163 96	−51.070 562 61		9.21	−5.54	13.84	0.64	0.58	0.69	0.79	0.63	−7	+12	+9	−18	+16	−6	+15	−23	+1	−5	0	1.13
43960		08 57 09.21	+73 59 59.9	8.37		H	134.288 376 37	+73.999 966 92		3.99	−45.71	−17.61	0.64	0.64	0.89	0.76	0.71	+11	+15	−15	−5	+5	+0	+4	+7	+5	+28	1	−0.33
43961		08 57 10.54	−01 21 05.1	8.81		G	134.293 929 12	−01.351 408 07		4.94	−44.42	20.43	1.11	0.65	1.12	1.63	0.60	−24	+11	−22	−40	+6	+3	+14	−34	+16	−33	0	0.71
43962		08 57 11.80	+50 44 30.6	7.32		H	134.299 178 81	+50.741 822 48		6.58	−22.64	−37.95	0.78	0.53	0.89	1.16	0.65	−7	+17	−15	−8	+5	+18	+9	−12	+28	+39	0	−0.23
43963		08 57 12.11	+41 20 26.8	7.97	2	H	134.300 460 55	+41.340 776 68		1.84	−8.75	9.46	0.81	0.61	1.01	1.02	0.75	−34	+19	+5	−1	−16	−34	−12	+9	+12	−54	0	0.39
43964		08 57 12.33	−61 33 47.2	8.00		H	134.301 356 05	−61.563 108 04		2.13	−6.95	8.68	0.56	0.52	0.61	0.53	0.59	−11	+4	+3	+6	−25	−1	−31	+0	+5	−41	0	1.30
43965		08 57 12.53	−52 42 09.9	8.11		G	134.302 200 32	−52.702 740 16		1.48	−11.47	9.55	0.58	0.55	0.65	0.67	0.60	−5	+2	+14	−5	+5	+1	+5	−9	−6	+7	0	0.49
43966		08 57 13.66	+02 31 29.6	6.95		G	134.306 928 93	+02.524 901 08		8.61	−41.97	−9.00	0.81	0.58	1.03	0.90	0.48	−47	+48	−48	−11	+8	−23	+10	−34	+27	−49	0	−0.08
43967		08 57 13.77	+30 58 37.6	8.78	2	H	134.307 361 05	+30.977 109 43		0.76	2.02	−3.12	0.93	0.58	1.05	1.18	0.92	−21	+19	−5	−14	+0	−33	+6	+40	−4	−29	2	2.10
43968		08 57 13.91	+00 32 07.5	7.67		H	134.307 979 01	+00.535 419 57		4.36	−9.19	3.49	0.86	0.58	0.99	1.05	0.53	−47	+20	−10	−29	+27	−30	+26	−48	+23	−65	0	0.28
43969		08 57 14.24	−19 35 01.1	11.55		G	134.309 350 40	−19.583 648 78		35.02	−78.96	−311.92	1.91	1.39	2.65	2.06	1.40	−9	+16	−8	+17	−5	+1	−6	+30	−15	−22	0	−0.35
43970		08 57 14.91	+15 19 21.8	5.22		H	134.312 137 28	+15.322 717 27		20.39	61.23	18.46	0.79	0.49	0.85	1.14	0.68	−1	+18	−17	+2	+10	−29	+7	+22	+5	−8	0	1.71
43971		08 57 15.04	−56 45 31.7	9.01		H	134.312 656 57	−56.758 796 58		2.99	−11.50	1.43	0.67	0.73	0.77	0.74	0.81	+0	+21	−1	+23	−3	+21	−6	−19	−2	−6	0	−1.61
43972		08 57 16.60	−52 45 29.4	8.91	1	H	134.319 145 86	−52.758 154 47		0.10	−8.38	8.81	0.69	0.70	0.81	0.78	0.78	−9	+4	+10	−2	+0	−7	+1	−11	−11	+2	0	−0.39
43973		08 57 16.99	−09 27 45.6	9.52		H	134.320 805 51	−09.462 662 35		18.15	−221.00	−158.08	1.46	0.71	1.46	1.71	0.79	+8	+23	+9	−34	−32	−6	−14	+39	−2	−22	0	0.14
43974		08 57 18.42	−69 01 16.7	8.99		H	134.326 770 31	−69.021 293 93		10.06	−43.51	63.92	0.76	0.76	0.85	0.91	0.82	+0	+17	−6	+5	−1	+10	+3	−27	+26	−1	0	−1.62
43975		08 57 18.57	+16 16 57.1	8.14		H	134.327 389 52	+16.282 514 21		1.69	0.95	−7.99	1.01	0.66	1.13	1.24	0.79	−5	+20	−36	−22	+11	−36	−1	+14	−8	−7	0	0.63
43976		08 57 18.73	+32 26 42.6	6.99		H	134.328 021 30	+32.445 177 23		12.14	−73.18	−16.96	0.79	0.53	0.94	1.01	0.72	−21	+23	−34	+7	+22	−39	+9	+41	−14	−4	0	1.25
43977		08 57 19.83	+48 28 41.6	8.06		H	134.332 643 57	+48.478 224 56		1.82	−5.82	−17.13	0.87	0.64	1.04	1.11	0.62	−5	+10	−34	+0	+18	−9	+20	−27	+21	+25	0	0.97
43978		08 57 20.58	−48 12 17.9	8.96		G	134.335 766 52	−48.204 964 33		0.02	−12.43	6.74	0.70	0.72	0.85	0.81	0.82	+9	−15	−11	+9	+3	−3	+2	−13	−5	+0	0	2.66
43979		08 57 21.16	−66 12 15.2	7.55		H	134.338 155 31	−66.204 230 39	A	6.09	−36.18	39.61	1.37	1.33	1.14	1.69	1.34	−11	+15	−6	−1	+11	−24	+11	−20	+8	−7	1	1.23
43980		08 57 22.17	−66 12 24.0	9.44		H	134.342 373 20	−66.206 661 29	B	6.09	−34.61	38.41	8.61	7.74	3.57	5.22	4.27	−12	+14	−11	+5	+14	−28	+11	−15	+7	−7	1	1.23
43981		08 57 22.47	+54 50 46.3	7.84		G	134.343 615 78	+54.846 180 93		16.87	−75.29	−1.52	0.76	0.58	0.94	1.01	0.67	+0	+21	−23	+15	+16	−10	+23	−6	+17	+42	2	−1.00
43982		08 57 22.65	+37 48 22.8	10.79		H	134.344 383 92	+37.806 328 47		3.88	−4.93	0.63	1.56	1.08	1.95	1.99	1.40	−25	+8	−20	−3	−1	−34	−8	+7	+2	−36	0	0.04
43983	H	08 57 22.92	−51 40 15.8	9.36		G	134.345 497 10	−51.671 068 32	A	18.29	−240.80	158.96	1.41	1.24	1.37	1.63	1.32	−11	+0	+1	−17	+11	+16	+8	−14	+7	−1	0	−1.22
43984		08 57 25.19	+58 13 07.6	6.89	1	H	134.354 969 59	+58.218 789 63		5.32	−54.70	8.44	0.64	0.62	0.78	0.99	0.67	+16	+19	−13	−50	−38	−13	−53	−11	−15	+62	0	1.10
43985		08 57 26.29	+21 21 03.2	8.42		H	134.359 539 52	+21.350 889 11		4.60	−3.24	−6.27	1.18	0.78	1.24	1.58	1.07	−14	+4	−28	−35	+14	−10	+14	−2	−16	−20	0	−0.92
43986		08 57 26.93	+42 23 57.2	9.21		H	134.362 225 93	+42.399 216 86		4.59	−4.55	−8.93	1.27	0.81	1.51	1.58	0.81	−33	+30	−10	−17	+9	−10	+11	−21	+10	−20	5	0.88
43987		08 57 28.32	−44 15 55.5	7.39		G	134.368 007 75	−44.265 409 45		2.91	−13.20	6.32	0.57	0.57	0.75	0.68	0.60	+20	−7	−5	−15	−15	+3	−16	−36	+34	+15	0	0.95
43988		08 57 28.52	+04 25 54.5	8.67		H	134.368 843 06	+04.431 815 64		20.26	−49.35	−120.34	1.09	0.73	1.29	1.43	0.85	−12	+27	−26	+0	+27	−38	+18	+10	+0	−9	0	−1.23
43989		08 57 28.85	−50 44 58.2	7.09	2	G	134.370 226 57	−50.749 500 23		−0.07	−1.87	0.05	0.51	0.47	0.57	0.67	0.53	+3	+9	+5	−8	+12	−2	+11	−8	−1	+4	0	0.12
43990		08 57 29.49	+37 12 06.0	9.74		H	134.372 859 53	+37.201 662 05		4.44	−31.83	−22.63	1.35	0.97	1.69	2.20	1.27	+0	−13	−39	+36	+30	−52	+15	+41	−28	+21	0	0.98
43991		08 57 29.55	−39 46 42.3	9.45		H	134.373 141 57	−39.778 425 62		7.39	−14.80	0.84	0.69	0.83	1.05	0.77	0.84	+2	+8	+18	+5	+10	+23	+6	−15	+5	−2	0	−0.92
43992		08 57 30.36	−10 05 30.2	7.74		H	134.376 519 69	−10.091 732 12		3.63	−13.54	−19.22	0.81	0.48	1.01	1.06	0.54	−7	+20	+6	+10	−22	−22	−13	+52	−4	−26	0	0.27
43993		08 57 30.37	+01 23 04.0	8.82		H	134.376 537 78	+01.384 436 99		0.04	1.43	0.58	1.20	0.78	1.37	1.32	0.67	−53	+33	−20	−36	+26	−37	+29	−48	+27	−65	2	0.28
43994		08 57 31.43	−07 24 38.3	7.98		H	134.380 941 62	−07.410 628 13		6.79	−16.87	−2.14	0.82	0.41	0.94	0.92	0.46	−2	+30	+2	−30	−14	−26	−5	+26	−7	−23	0	0.11
43995		08 57 31.71	−00 39 27.9	8.31		G	134.382 125 85	−00.657 740 61		9.98	−32.88	−35.19	1.15	0.57	1.06	1.32	0.55	−25	+31	−15	−58	+14	−34	+22	−29	+19	−43	0	−1.48
43996	H	08 57 32.06	−71 08 16.7	8.18		H	134.383 566 57	−71.137 978 01	*	2.40	−9.55	5.68	0.71	0.65	0.75	0.85	0.72	+6	+29	+13	−18	−10	−7	−4	−20	+17	−15	0	−0.62
43997		08 57 32.75	−27 42 56.9	7.66		H	134.386 452 00	−27.715 815 84		4.54	0.79	−15.58	0.50	0.54	0.80	0.52	0.59	−6	−7	−13	+20	−20	+15	−20	+27	+10	−11	0	1.24
43998		08 57 33.76	−65 16 55.8	9.52		H	134.390 659 34	−65.282 171 66		2.42	−23.65	27.34	0.77	0.79	0.86	0.92	0.88	+0	+14	+1	−4	+7	−2	+7	−15	+14	−13	0	0.75
43999		08 57 33.96	+62 40 58.9	10.73		H	134.391 488 95	+62.683 038 88		7.71	13.32	−4.95	1.27	1.21	1.79	1.40	1.47	−14	+18	−2	+34	−19	+0	−19	+30	−2	−3	0	0.56
44000		08 57 34.87	+16 14 01.6	7.92		H	134.395 284 91	+16.233 781 64		2.80	67.77	−56.56	1.00	0.64	1.10	1.32	0.79	−9	+29	−31	−17	+9	−33	−1	+16	−1	−3	0	−0.56

No.	Tycho Magnitudes					Colour Indices							Magnitude (Hp)					Variability (Hp)				Multiplicity Data										Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag			Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3		44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
43901	11.604	0.110	11.040	0.099	A	0.400	0.495	G	0.57	0.07	B *		10.5901	0.0033	0.031	94	*	10.55	10.65		R	08566+4304	I 1	2 C A	AB	191	1.554	0.008	0.09	0.05	G
43902	7.402	0.007	6.234	0.005		1.001	0.001	G	0.99	0.02	G		6.2932	0.0010	0.007	65		6.28	6.31		C			1							S
43903	6.678	0.003	5.662	0.002		0.877	0.003	G	0.89	0.00	H		5.7220	0.0004	0.006	228		5.71	5.74					1 G							S
43904	7.909	0.008	7.364	0.007		0.511	0.010	T	0.58	0.01	L		7.4309	0.0007	0.009	100		7.42	7.44		C			1							S
43905	13.690	0.923	8.641	0.019		5.300	0.510	G	5.37	0.52	J		7.9637	0.0662	0.257	57		7.42	8.05	466.00	P 1 A	08567+1951	I 1	1 S							P
43906	11.181	0.051	9.712	0.024		1.238	0.044	T	1.20	0.04	L		9.7754	0.0028	0.029	147		9.72	9.82		C			1							
43907	9.183	0.016	8.931	0.018		0.240	0.023	T	0.27	0.03	L		8.9483	0.0012	0.012	80		8.93	8.97		D			1							
43908	5.781	0.003	5.459	0.002		0.306	0.003	T	0.35	0.00	L		5.5043	0.0006	0.005	122		5.50	5.51		C			1							S
43909	7.133	0.005	7.180	0.007		−0.040	0.007	T	−0.02	0.01	L		7.1931	0.0009	0.009	124		7.18	7.21		C			1							S
43910	10.464	0.021	8.869	0.010		1.337	0.018	T	1.30	0.02	L		8.8865	0.0015	0.020	241		8.85	8.93		C			1							
43911	8.656	0.011	8.362	0.011		0.279	0.016	T	0.32	0.02	L		8.4148	0.0018	0.015	119		8.39	8.44					1							
43912	10.224	0.027	9.025	0.016		1.026	0.024	T	1.00	0.02	L		9.0366	0.0020	0.017	117		9.01	9.07					1							
43913	9.906	0.026	8.242	0.012		1.388	0.010	G	1.36	0.01	H		8.2586	0.0017	0.013	110		8.23	8.28					1							
43914	8.952	0.013	8.904	0.016		0.043	0.018	T	0.06	0.01	L		8.9289	0.0016	0.014	109		8.90	8.95					1							
43915	8.862	0.016	7.740	0.011		0.966	0.015	T	0.95	0.01	L		7.7859	0.0015	0.009	63		7.77	7.80		C			1							S
43916	11.084	0.069	10.553	0.064	A	0.600	0.495	G	0.63	0.07	B *		10.3512	0.0044	0.030	78	*	10.30	10.41		D	08568+4228	I 1	2 C A	AB	179	1.343	0.024	0.68	0.05	
43917	10.492	0.029	8.965	0.014		1.283	0.025	T	1.24	0.03	L		9.0165	0.0019	0.019	143		8.98	9.05					1							
43918	9.397	0.013	9.231	0.015		0.159	0.019	T	0.18	0.02	L		9.3010	0.0039	0.040	179		9.25	9.38		U 2			1							
43919	10.444	0.030	8.911	0.014		1.288	0.026	T	1.25	0.03	L		8.9387	0.0017	0.015	136		8.90	8.96		C			1							
43920	6.985	0.009	6.560	0.007	*	0.413	0.015	G	0.48	0.02	H *		6.6442	0.0007	0.007	120	*	6.64	6.66		D	08568−1726	I 1	2 C A	AB	182	3.833	0.002	0.14	0.01	S
43921	9.468	0.017	8.933	0.016		0.506	0.015	G	0.58	0.02	H		8.9921	0.0015	0.015	127		8.96	9.02		C			1							
43922	11.318	0.071	9.580	0.025		1.450	0.060	T	1.45	0.10	L		9.5578	0.0019	0.024	111		9.52	9.60					1							
43923	7.178	0.005	5.852	0.003		1.125	0.005	T	1.09	0.01	L		5.8901	0.0006	0.005	116		5.88	5.90					1							S
43924	10.276	0.031	9.721	0.029		0.460	0.020	G	0.53	0.02	H		9.7930	0.0024	0.021	88		9.76	9.82		C			1							
43925	9.753	0.017	8.231	0.009		1.279	0.015	T	1.24	0.02	L		8.2229	0.0011	0.011	138		8.21	8.25		C			1							
43926	9.526	0.023	9.350	0.027		0.161	0.034	T	0.18	0.04	L		9.4149	0.0022	0.025	142		9.36	9.46		C			1							
43927	8.830	0.012	8.316	0.011	*	0.473	0.015	G	0.54	0.02	H *		8.3704	0.0010	0.009	112	*	8.36	8.38		D	08569−7224	H 1	2 C A	AB	329	0.326	0.023	2.73	0.18	
43928	8.777	0.007	7.484	0.005		1.100	0.007	T	1.06	0.01	L		7.5335	0.0010	0.013	246		7.51	7.56					1							S
43929	11.784	0.082	10.501	0.041		1.087	0.074	T	1.05	0.06	L		10.4276	0.0036	0.061	221		10.31	10.53					1 G							G
43930	8.759	0.011	7.146	0.006		1.351	0.010	T	1.32	0.01	L		7.1426	0.0009	0.009	114		7.13	7.16					1							S
43931	9.917	0.017	8.682	0.011		1.054	0.016	T	1.02	0.01	L		8.7322	0.0017	0.020	199		8.69	8.77					1							S
43932	5.649	0.003	5.460	0.003		0.181	0.004	T	0.20	0.01	L		5.4988	0.0005	0.004	97		5.49	5.51					1							S
43933	8.892	0.011	7.120	0.006		1.476	0.010	T	1.49	0.01	L		7.0966	0.0010	0.010	124		7.08	7.11		C			1							S
43934	8.887	0.011	8.507	0.011		0.360	0.014	T	0.42	0.01	L		8.5585	0.0019	0.017	133		8.53	8.60		C			1							
43935	8.634	0.016	8.211	0.016		0.420	0.015	G	0.49	0.02	H		8.2490	0.0021	0.013	62		8.23	8.28		C			1							S
43936	9.082	0.014	7.791	0.009	*	1.110	0.015	G	1.07	0.02	H *		7.7897	0.0112	0.079	112	*	7.72	7.91	64.54	P 1 A	08570−5021	H 1	2 C A	AB	316	0.575	0.021	2.92	0.12	
43937	4.679	0.002	4.875	0.003		−0.182	0.004	G	−0.21	0.03	C		4.8547	0.0010	0.008	98		4.84	4.86		M	08570−5914	I 1	1							S
43938	9.398	0.017	7.330	0.007		1.712	0.015	T	1.74	0.01	L		7.2617	0.0015	0.013	115		7.24	7.28		M			1							S
43939	10.199	0.024	8.702	0.012		1.260	0.021	T	1.22	0.02	L		8.7352	0.0013	0.016	117		8.70	8.77		C			1							
43940	11.279	0.059	9.925	0.029		1.147	0.051	T	1.11	0.05	L		9.9980	0.0035	0.034	144		9.93	10.05					1 S							
43941	10.188	0.026	9.072	0.017		0.962	0.024	T	1.01	0.02	L		9.1265	0.0019	0.016	103		9.10	9.16		C			1							
43942	10.653	0.033	9.952	0.030		0.633	0.034	T	0.70	0.03	L		10.0413	0.0034	0.034	165		9.98	10.09					1 S							G
43943	10.240	0.028	8.965	0.017		1.086	0.026	T	1.05	0.02	L		8.9833	0.0023	0.018	127		8.95	9.02					1							
43944	8.821	0.014	8.582	0.015	*	0.228	0.020	T	0.25	0.03	L *		8.6161	0.0017	0.015	81	*	8.59	8.64		D	08570+3715	I 1	2 C A	AB	183	0.415	0.005	1.59	0.03	S
43945	11.521	0.097	9.700	0.031		1.515	0.081	T	1.55	0.12	L		9.6482	0.0024	0.016	84		9.62	9.67		C			1							
43946						0.507	0.072	G	0.58	0.08	R		8.2392	0.0068	0.099	159		8.18	8.62		D	08571−2951	I 2	S							G
43947	8.932	0.010	8.409	0.010		0.486	0.015	G	0.56	0.02	H		8.2006	0.0014	0.018	159		8.17	8.25		D	08571−2951	I 2	1 X S							S
43948	12.484	0.245	11.401	0.166	*	1.511	0.020	G	2.05	0.02	A *		10.6510	0.0037	0.025	80	*	10.61	10.72		D	08571+1139	H 1	2 C A	AB	233	0.799	0.016	1.82	0.07	G
43949	8.475	0.011	7.282	0.007		1.022	0.010	T	1.00	0.01	L		7.3334	0.0010	0.008	80		7.32	7.35		C			1							S
43950	8.206	0.011	7.139	0.009		0.910	0.015	G	0.91	0.01	H		7.1992	0.0010	0.008	53		7.18	7.22		C			1							S
43951	9.021	0.017	8.661	0.017	*	0.341	0.022	T	0.40	0.03	L *		8.5600	0.0017	0.012	70	*	8.55	8.58		D	08571+1045	I 1	2 C A	BA	134	1.182	0.007	0.32	0.02	S
43952	9.430	0.021	9.139	0.023		0.311	0.015	G	0.36	0.02	H		9.1448	0.0013	0.014	88		9.12	9.17		C			1							
43953	9.860	0.025	8.635	0.015		1.047	0.023	T	1.02	0.02	L		8.6908	0.0019	0.015	88		8.67	8.72		C			1							
43954	8.097	0.008	7.040	0.006		0.917	0.008	T	0.92	0.01	L		7.0901	0.0008	0.008	115		7.08	7.10					1							S
43955	7.250	0.006	7.259	0.007	*	0.002	0.003	G	0.02	0.00	H *		7.3059	0.0015	0.012	130	*	7.29	7.33		D	08571−4315	I 2	2 C A	AB	46	3.035	0.008	2.49	0.03	S
43956	10.140	0.034	9.948	0.042		1.500	0.495	G	0.22	0.21	S		10.0931	0.0080	0.059	123		9.98	10.21		R	08571−4315	I 2	1							G
43957	7.462	0.009	6.271	0.005		1.001	0.001	G	0.90	0.04	E		6.3333	0.0006	0.006	65		6.32	6.34		C			1							S
43958	8.911	0.012	7.188	0.006		1.438	0.011	T	1.43	0.02	L		7.1822	0.0010	0.009	116		7.17	7.20		C			1							S
43959	8.396	0.011	7.880	0.010		0.471	0.021	G	0.54	0.02	H		7.9341	0.0012	0.011	116		7.92	7.95		C	08571−5104	I 1	1							S
43960	9.586	0.014	8.482	0.010		0.952	0.013	T	0.94	0.01	L		8.5316	0.0016	0.018	166		8.50	8.56		C			1							S
43961	9.485	0.020	8.905	0.019		0.560	0.014	G	0.63	0.01	H		8.9355	0.0016	0.014	83		8.90	8.96		C			1							
43962	7.381	0.006	7.317	0.008		0.064	0.009	T	0.07	0.01	L		7.3504	0.0014	0.009	88		7.33	7.36					1							S
43963	10.064	0.027	8.183	0.011		1.596	0.024	T	2.36	0.06	O		7.9993	0.0079	0.057	91		7.92	8.07		U 2			1 S							S P
43964	7.952	0.008	7.990	0.010		−0.032	0.011	T	−0.01	0.01	L		8.0017	0.0015	0.013	103		7.98	8.02					1 S							S
43965	7.979	0.015	8.094	0.020		−0.100	0.001	G	−0.08	0.00	H		8.0868	0.0011	0.010	110		8.07	8.10					1							
43966	7.385	0.007	7.000	0.006		0.364	0.009	T	0.43	0.01	L		7.0358	0.0008	0.006	85		7.02	7.05		C			1							S
43967	11.019	0.051	8.999	0.017		1.710	0.044	T	2.28	0.09	O		8.8380	0.0044	0.065	126		8.71	8.97		U 2			1 S							P
43968	8.849	0.013	7.765	0.009		0.938	0.010	G	0.93	0.01	H		7.8292	0.0014	0.009	103		7.82	7.85					1							S
43969						1.447	0.007	G	1.79	0.03	I		11.6440	0.0062	0.053	109		11.56	11.72					1							G
43970	5.425	0.004	5.243	0.004		0.149	0.006	G	0.16	0.01	H		5.2761	0.0006	0.003	54		5.27	5.28					1							S
43971	9.045	0.014	8.988	0.017		0.051	0.020	T	0.06	0.02	L		9.0271	0.0019	0.018	108		8.99	9.05		C			1							
43972	8.890	0.023	8.918	0.030		−0.020	0.015	G	0.00	0.01	H		8.9100	0.0021	0.020	112		8.87	8.95		U			1							
43973	10.309	0.029	9.598	0.024		0.659	0.002	G	0.72	0.00	H		9.6566	0.0026	0.025	123		9.62	9.69					1							
43974	9.632	0.019	9.067	0.018		0.533	0.019	T	0.61	0.02	L		9.1073	0.0020	0.018	118		9.08	9.14		C			1							
43975	8.814	0.018	8.197	0.017		0.579	0.015	G	0.65	0.01	H		8.2654	0.0022	0.010	55		8.25	8.29		C			1							S
43976	7.340	0.005	7.022	0.005		0.302	0.007	T	0.35	0.01	L		7.0700	0.0009	0.007	112		7.06	7.08					1							S
43977	9.284	0.017	8.175	0.012		0.956	0.016	T	0.94	0.01	L		8.2234	0.0012	0.010	91		8.20	8.24					1							S
43978	9.016	0.013	8.969	0.016		0.070	0.015	G	0.08	0.02	H		9.0027	0.0014	0.017	122		8.98	9.04		C			1							
43979	8.847	0.019	7.659	0.012	A	1.018	0.017	T	0.99	0.01	L		7.7191	0.0055	0.029	103	A	7.69	7.81		D	08573−6612	I 2	1 C P A							S
43980	10.030	0.032	9.466	0.030	B	0.528	0.039	T	0.60	0.04	L		9.5771	0.0253			B				D	08573−6612	I 2	1 C I A							
43981	8.440	0.012	7.905	0.010		0.502	0.014	T	0.57	0.01	L		7.9531	0.0013	0.014	85		7.93	7.99					1							S
43982	11.398	0.082	10.954	0.093		0.484	0.072	G	0.56	0.08	R		10.8969	0.0038	0.037	88		10.84	10.96		C			1							G
43983	10.360	0.035	9.422	0.025	*	0.800	0.015	G	0.84	0.01	H *		9.4962	0.0025	0.021	110	*	9.46	9.53			08574−5140	H 1	2 C C	AB	97	0.781	0.048	3.49	0.19	G
43984	7.080	0.004	6.905	0.005		0.168	0.006	T	0.18	0.01	L		6.9451	0.0014	0.015	124		6.92	6.97		U 2			1 G							S
43985	10.210	0.041	8.540	0.018		1.396	0.035	T	1.37	0.04	L		8.5635	0.0027	0.013	57		8.54	8.58					1							
43986	10.695	0.042	9.325	0.022		1.160	0.037	T	1.12	0.03	L		9.3754	0.0020	0.021	89		9.35	9.41		C			1							
43987	7.189	0.006	7.371	0.007		−0.155	0.005	G	−0.15	0.01	H		7.3368	0.0012	0.011	104		7.32	7.36		C			1							S
43988	9.645	0.028	8.783	0.022		0.756	0.027	T	0.80	0.02	L		8.8122	0.0024	0.017	63		8.79	8.85		C			1							
43989	7.200	0.006	7.113	0.007		0.119	0.005	G	0.13	0.01	H		7.1272	0.0017	0.018	124		7.10	7.16		U 2			1							S
43990	10.236	0.031	9.776	0.032		0.434	0.041	T	0.50	0.04	L		9.8403	0.0018	0.022	81		9.80	9.88		C			1							
43991	10.055	0.020	9.556	0.020		0.480	0.022	T	0.55	0.02	L		9.5585	0.0023	0.024	149		9.52	9.60					1							G
43992	9.059	0.012	7.843	0.008		1.039	0.011	T	1.01	0.01	L		7.9111	0.0009	0.010	144		7.89	7.93					1							
43993	8.821	0.012	8.828	0.015		−0.002	0.018	T	0.02	0.02	L		8.8334	0.0017	0.014	96		8.81	8.86		C			1							
43994	7.975	0.007	7.979	0.009		−0.009	0.002	G	0.01	0.00	H		7.9899	0.0012	0.012	155		7.97	8.01		C			1							S
43995	8.757	0.012	8.342	0.013		0.381	0.021	G	0.45	0.02	H		8.3994	0.0011	0.009	89		8.38	8.42					1							S
43996	9.598	0.018	8.300	0.011	*	1.104	0.016	T	1.07	0.02	L *		8.3506	0.0015	0.015	113	*	8.32	8.37		D	08575−7108	I 1	2 C S A	AB	186	0.155	0.008	1.06	0.25	
43997	7.976	0.007	7.682	0.009		0.279	0.012	T	0.32	0.01	L		7.7358	0.0010	0.012	151		7.71	7.76		C			1							S
43998	9.878	0.022	9.542	0.024		0.319	0.030	T	0.37	0.04	L		9.5947	0.0024	0.023	106		9.56	9.64					1							
43999	11.325	0.057	10.750	0.055		0.537	0.070	T	0.61	0.07	L		10.8448	0.0045	0.042	131		10.77	10.90					1							G
44000	9.221	0.024	8.041	0.015		1.011	0.022	T	0.99	0.02	L		8.0862	0.0012	0.010	57		8.07	8.10		C			1							S

Number HIP (1)	(2)	RA h m s (3)	Dec ±° ′ ″ (4)	V mag (5)	(6)	(7)	α (ICRS) deg (8)	δ deg (9)	(10)	π mas (11)	μα* mas/yr (12)	μδ mas/yr (13)	σα* mas (14)	σδ mas (15)	σπ mas (16)	σμα* mas/yr (17)	σμδ mas/yr (18)	δ/α* (19)	π/α* (20)	π/δ (21)	μα*/α* (22)	μα*/δ (23)	μα*/π (24)	μδ/α* (25)	μδ/δ (26)	μδ/π (27)	μδ/μα* (28)	F1 % (29)	F2 (30)
∗44001		08 57 35.16	+15 34 52.4	5.68		H	134.396 512 73	+15.581 234 53		20.30	60.93	19.01	0.78	0.48	0.82	1.11	0.64	+3	+20	−19	−4	+18	−35	+15	+11	+13	−2	0	1.20
∗44002		08 57 35.15	−41 21 03.7	8.05		H	134.396 444 35	−41.351 030 21		4.31	1.63	−10.16	0.49	0.56	0.69	0.55	0.59	+2	+14	+6	+12	+13	+17	+10	−21	−3	+0	0	−0.57
44003		08 57 35.65	−63 55 31.5	8.85		H	134.398 560 88	−63.925 405 27		3.45	−7.49	9.28	0.64	0.69	0.75	0.67	0.71	+8	+15	+9	−5	−9	−7	−9	−22	+16	−15	0	0.28
44004		08 57 36.22	+05 53 45.2	8.37		G	134.400 929 45	+05.895 883 58		0.95	−3.52	−2.11	1.02	0.82	1.25	1.51	1.09	−38	+23	−25	+3	+25	−24	+15	+13	−10	−41	0	0.75
44005		08 57 37.29	−20 57 20.0	9.50		H	134.405 387 82	−20.955 556 42		1.31	−14.47	8.94	1.00	0.83	1.29	1.20	0.84	−9	+6	−20	+22	−15	+11	−11	+43	+1	−11	6	0.45
44006		08 57 37.41	+61 05 04.6	8.48		H	134.405 878 06	+61.084 617 82		6.65	−22.14	−31.30	0.58	0.62	1.01	0.66	0.61	−8	+8	−6	+27	−13	−5	−6	+4	+1	+15	0	1.57
44007		08 57 40.38	−24 50 27.7	7.11	1	H	134.418 259 67	−24.841 038 10		6.13	60.65	−28.74	0.60	0.50	0.84	0.74	0.51	−9	+4	−9	+3	−27	+1	−23	+31	+1	−9	0	−0.01
44008		08 57 40.91	+12 27 24.9	9.04		H	134.420 441 19	+12.456 929 28		4.27	−14.65	4.04	1.06	0.81	1.34	1.37	1.01	−37	+18	−35	−7	+26	−34	+18	+32	−15	−35	2	0.75
44009		08 57 41.83	−63 42 14.2	8.70		H	134.424 306 15	−63.703 943 83		7.02	−10.26	−18.05	0.68	0.67	0.76	0.71	0.69	+2	+13	+4	−10	−4	−10	−4	−25	+14	−14	1	0.92
44010		08 57 42.03	+09 23 16.0	6.19		H	134.425 121 67	+09.387 777 59		3.41	−9.16	−5.75	0.87	0.54	0.96	1.16	0.67	−25	+26	−13	−7	+35	+10	+29	+6	−12	−25	0	0.51
44011		08 57 43.77	−38 44 33.3	7.50		H	134.432 390 26	−38.742 577 22		2.03	−9.67	9.07	0.48	0.53	0.69	0.49	0.58	+14	+9	−2	−6	−4	+3	−4	−7	−3	−2	0	−1.72
44012	H	08 57 44.17	−61 16 08.6	8.76		H	134.434 045 66	−61.269 060 48	∗	2.78	−1.93	−0.35	1.43	1.22	1.07	1.01	0.93	−15	−2	+8	−23	−9	−9	−13	−22	+3	−33	0	−0.92
44013		08 57 44.84	+31 31 09.2	8.65		H	134.436 818 79	+31.519 229 13		3.68	−1.15	−5.86	0.92	0.61	1.09	1.11	0.91	−34	+31	−19	−11	+0	−37	−6	+46	−10	−29	2	1.87
44014		08 57 46.66	+38 15 32.7	7.10		H	134.444 406 38	+38.259 089 54		22.02	−124.41	−68.07	0.71	0.53	0.96	1.15	0.68	−49	+30	−33	−32	+10	−34	−4	−4	+8	−6	2	1.31
44015		08 57 47.41	+67 17 46.2	9.14		H	134.447 540 58	+67.296 154 49		5.47	−8.49	−8.51	0.61	0.80	1.16	0.67	0.99	+40	+3	−15	−6	+12	+8	+12	+24	+10	+46	0	0.51
44016		08 57 48.70	+03 26 08.7	9.06		H	134.452 921 14	+03.435 738 93		3.25	−9.27	−16.94	1.11	0.74	1.26	1.38	0.69	−32	+37	−33	−13	+9	−15	+11	−31	+21	−38	0	−1.69
44017	H	08 57 51.16	−18 53 20.3	7.11		H	134.463 180 21	−18.888 977 11	A	8.45	6.84	−26.88	0.98	0.64	1.05	0.93	0.57	−21	+11	+8	+58	−12	+13	−16	+48	+1	−29	1	−0.13
44018		08 57 51.25	+10 48 51.5	8.02		H	134.463 553 77	+10.814 307 58		4.98	−2.18	1.08	0.99	0.65	1.16	1.35	0.80	−18	+18	−38	+4	+21	−8	+10	+41	−31	−7	0	−0.73
44019		08 57 53.37	−42 31 30.0	7.88		H	134.472 376 62	−42.524 990 86		3.67	−11.68	7.93	0.53	0.56	0.71	0.57	0.60	+7	−15	+4	+5	−2	+15	−6	−14	+12	−2	0	−0.17
44020		08 57 53.41	−85 44 56.0	8.71		H	134.472 544 54	−85.748 902 46		5.56	−42.56	54.04	0.68	0.64	0.74	0.89	0.78	+0	+11	+9	+21	−6	+4	−8	+0	−16	−1	0	−0.70
44021	H	08 57 54.39	+64 18 42.7	8.85	2	H	134.476 628 22	+64.311 852 18	∗	−1.95	−0.82	−8.79	0.74	0.73	1.25	0.88	0.87	+47	−2	+5	+17	+6	+9	+6	+27	+8	+49	0	1.93
44022		08 57 55.21	+19 17 03.0	8.66		H	134.480 042 92	+19.284 162 88		7.08	−31.63	16.54	1.40	0.78	1.26	1.71	0.91	+0	−10	−45	−64	+4	−6	+7	−17	−8	−12	0	1.06
44023		08 57 55.52	+51 09 13.3	8.69		H	134.481 317 52	+51.153 700 63		0.86	5.45	−2.95	1.02	0.72	1.26	1.43	0.92	−17	+24	−17	−11	+5	+22	+12	−15	+35	+39	0	−1.44
44024		08 57 55.57	−48 34 22.6	5.88		G	134.481 554 02	−48.572 933 57		3.04	−16.42	9.63	0.45	0.43	0.51	0.54	0.50	+12	+0	−1	−6	−3	−9	−3	−7	−3	+9	0	1.69
44025		08 57 55.72	−69 09 30.8	9.68	2	H	134.482 185 91	−69.158 568 34		2.74	−28.45	17.98	0.89	0.90	1.00	1.12	0.98	+2	+15	−6	+9	+1	+2	+2	−26	+29	−5	1	0.41
44026		08 57 56.13	−28 43 06.8	8.86		H	134.483 864 39	−28.718 547 57		3.36	−3.54	−7.05	0.73	0.77	1.13	0.81	0.83	−4	+5	−9	+20	−15	+23	−12	+42	+7	−4	1	−0.32
44027		08 57 57.86	+41 39 19.8	9.49		H	134.491 071 33	+41.655 501 98		7.22	−17.45	−21.39	1.19	0.85	1.49	1.33	0.99	−42	+38	−18	−5	−8	−15	−7	+3	+6	−53	0	0.08
44028		08 57 58.26	−28 52 15.6	8.43		H	134.492 763 45	−28.870 998 17		2.81	−2.57	−0.48	0.70	0.69	0.98	0.78	0.77	−8	+21	−8	+33	−11	+17	−9	+33	−1	−8	1	0.34
44029		08 57 58.35	−37 43 00.4	8.44	1	H	134.493 106 89	−37.716 771 37		2.18	4.21	−12.80	0.58	0.72	0.87	0.59	0.72	+1	+6	−14	−1	−1	+13	+1	−3	−2	−1	2	0.84
44030		08 57 58.51	−04 51 33.2	6.68		H	134.493 782 84	−04.859 220 74		18.94	−14.79	−33.81	1.05	0.42	1.22	0.90	0.43	−13	+69	+0	−31	−5	−33	+18	+8	+27	−41	0	−0.88
44031		08 57 58.63	+30 14 01.5	6.25		H	134.494 309 22	+30.233 758 78		19.92	46.26	27.51	0.86	0.55	0.91	1.04	0.81	−16	+30	−2	−4	−1	−15	+3	+43	+0	−23	0	0.03
44032		08 57 58.85	+51 25 48.7	8.90		H	134.495 223 50	+51.430 205 05		2.64	83.82	−122.43	1.12	0.80	1.39	1.90	1.10	+4	+24	−32	+21	+17	+16	+31	−5	+30	+60	0	1.15
44033		08 57 59.12	+24 28 24.6	11.94		G	134.496 352 49	+24.473 508 99		5.99	207.63	−238.77	3.30	2.36	3.61	3.90	3.20	−24	+27	−29	−28	−17	−35	−22	+39	+4	−35	0	−0.70
44034		08 58 00.23	−44 52 10.2	9.22		H	134.500 943 66	−44.869 507 76		2.69	−11.91	7.79	0.84	0.81	1.05	1.06	0.86	+3	−8	−13	+11	−11	−8	−12	−34	+32	+0	1	1.07
44035		08 58 00.74	−58 21 57.3	9.23		H	134.503 103 50	−58.365 925 57		4.33	−46.61	23.86	0.76	0.88	0.89	0.82	0.98	+14	−13	+6	−10	−11	+13	−16	−26	−2	−7	0	−0.91
44036		08 58 01.96	−06 56 29.7	8.34		H	134.508 152 08	−06.941 592 23		4.78	−4.95	−0.38	0.79	0.49	0.97	0.94	0.53	−21	+17	−1	−24	−15	−23	−8	+29	−6	−35	2	1.48
44037		08 58 03.83	+33 54 35.4	8.20		H	134.515 947 85	+33.909 836 66		1.67	1.56	8.91	1.12	0.69	1.27	1.33	0.93	−35	+39	−35	−21	+19	−31	+3	+31	−13	−15	0	0.53
44038		08 58 04.97	−03 34 40.6	7.65		H	134.520 726 61	−03.577 937 63		2.82	−12.61	−1.83	0.93	0.51	1.04	0.98	0.51	−28	+42	−13	−42	−3	−17	+8	−6	+12	−42	0	0.91
44039		08 58 05.34	−38 52 13.6	11.17		H																							
44040		08 58 05.85	−03 07 43.1	8.52		H	134.524 382 56	−03.128 638 39		2.48	−4.17	−28.66	0.92	0.57	1.06	0.94	0.55	−33	+43	−15	−45	+1	−31	+6	−13	+11	−41	0	1.38
44041		08 58 06.77	−38 52 15.9	10.94		H	134.528 210 29	−38.871 069 69		−3.82	−37.77	128.21	18.28	19.63	25.29	20.70	19.98	+6	+9	+14	−31	−2	−8	−1	−24	+2	+9	0	
44042		08 58 08.22	+01 32 29.8	6.59		G	134.534 267 69	+01.541 606 10		9.42	−34.44	−8.05	0.81	0.52	0.96	0.92	0.46	−45	+40	−31	−23	+19	−35	+18	−42	+30	−61	0	−1.16
44043		08 58 09.24	−57 20 10.4	8.53		H	134.538 492 62	−57.336 233 12		1.07	−8.17	8.76	0.64	0.63	0.71	0.72	0.74	−1	+25	−7	+13	−4	+13	−8	−16	−4	−13	0	0.59
44044		08 58 11.65	+81 49 46.2	8.88		H	134.548 538 74	+81.829 506 72		4.60	6.45	−28.34	0.73	0.62	0.89	0.89	0.73	+11	+26	−2	−20	−7	−17	−10	−9	−12	+20	2	−1.81
44045		08 58 13.14	−30 58 01.2	8.17		H	134.554 729 51	−30.967 008 28		9.89	−32.18	56.65	0.47	0.57	0.85	0.62	0.69	+14	−2	+0	+24	+8	+8	+5	−2	+4	+4	0	2.37
44046		08 58 14.16	+40 09 57.0	9.37		H	134.559 009 60	+40.165 833 86		10.26	−99.64	−95.86	1.13	0.75	1.32	1.24	0.82	−35	+5	−12	−30	−4	−18	+0	−12	+16	−58	4	−0.53
44047		08 58 14.34	−46 34 37.4	9.01	1	H	134.559 729 50	−46.577 049 49		2.20	7.54	1.66	0.79	1.02	1.07	0.98	1.20	−14	−16	−8	+5	+16	−9	+7	−39	+22	−24	3	1.37
44048		08 58 14.69	−26 20 59.4	8.40		H	134.561 190 48	−26.349 840 24		3.99	2.85	−5.08	0.55	0.59	0.90	0.65	0.63	−21	+13	−11	−6	−30	+0	−27	+28	+4	−17	2	1.48
44049		08 58 14.94	−34 24 31.5	8.66		H	134.562 249 21	−34.408 754 23		0.78	−8.26	5.56	0.61	0.71	1.02	0.66	0.74	+22	−12	−20	−18	−6	+7	−6	−24	+16	+25	0	0.31
44050		08 58 16.01	+10 50 43.0	7.66	2	H	134.566 706 93	+10.845 265 13		2.94	−18.11	−32.39	1.01	0.66	1.11	1.43	0.85	−40	+15	−21	−30	+25	+2	+23	+12	−10	−40	0	1.11
44051		08 58 16.17	−24 25 43.1	8.57		H	134.567 368 64	−24.428 629 92		4.92	−19.07	4.60	0.76	0.63	1.05	0.79	0.66	−17	+25	−7	+33	−20	+13	−22	+27	−11	−23	0	−1.13
44052		08 58 17.55	+70 39 17.1	7.08		H	134.573 137 95	+70.654 737 79		5.47	−34.67	−35.61	0.54	0.51	0.77	0.62	0.55	+26	+1	−19	+1	+1	+14	+4	+5	+3	+29	1	1.07
44053		08 58 18.16	+46 45 06.3	7.70		H	134.575 670 39	+46.751 757 47		4.18	8.40	−23.07	0.80	0.57	1.00	0.95	0.51	−20	+8	−22	−18	+13	−12	+13	−34	+16	+3	4	1.89
44054		08 58 18.17	+52 18 00.3	8.98		H	134.575 701 08	+52.300 093 51		1.21	−17.38	15.16	1.04	0.85	1.35	1.54	0.87	−12	+10	−39	+9	+12	+4	+20	−28	+26	+26	0	−0.97
44055		08 58 18.18	−59 11 38.1	7.84		H	134.575 764 13	−59.193 929 64		2.17	−9.82	6.27	0.57	0.60	0.65	0.62	0.65	+12	−11	+2	+5	−11	+5	−14	−12	+16	+0	0	−2.09
44056		08 58 18.31	+18 18 30.0	6.56		H	134.576 275 27	+18.308 325 89		7.51	−26.82	−20.31	1.11	0.56	0.90	1.53	0.71	+28	+13	−24	−56	−20	−30	−28	−8	−4	+28	0	2.38
44057		08 58 19.41	+02 04 22.3	8.44		H	134.580 864 39	+02.072 866 19		4.00	7.64	−25.29	1.06	0.64	1.27	1.15	0.57	−33	+37	−31	−33	+16	−40	+15	−41	+31	−53	0	0.68
44058		08 58 20.64	−32 08 31.6	7.90		H	134.586 017 61	−32.142 117 49		9.57	−20.55	−50.10	0.48	0.74	1.08	0.57	0.84	+29	−9	−26	+15	−5	+23	−2	+5	+23	+24	0	1.72
44059		08 58 22.48	−14 22 24.5	9.06		G	134.593 666 49	−14.373 481 38		20.73	10.99	−246.41	1.02	0.68	1.31	1.22	0.70	−7	+23	+7	−16	−31	−21	−19	+52	−3	−24	0	−2.60
44060		08 58 22.75	+78 08 44.7	7.34	1	H	134.594 778 26	+78.145 741 42		6.95	−19.71	−4.93	0.55	0.53	0.71	0.63	0.62	+5	+11	−5	−6	+4	+9	+5	−7	+5	+11	0	−1.20
44061		08 58 22.83	+26 29 20.3	8.03		H	134.595 124 11	+26.488 976 15		5.99	−22.78	−6.00	1.23	0.77	1.18	1.65	1.08	−7	+2	−8	−47	−20	−36	−19	+24	+27	−24	0	1.73
44062		08 58 24.46	−66 40 01.7	8.91		H	134.601 896 12	−66.667 126 55		5.33	−19.33	21.17	0.77	0.75	0.83	0.99	0.84	−9	+5	+0	−10	+12	−21	+10	−30	+19	−22	1	0.26
44063		08 58 26.24	−05 48 49.1	9.05		H	134.609 344 32	−05.813 634 32	A	3.40	1.04	−0.20	1.65	0.97	1.78	1.79	0.91	−30	+42	+5	−28	−9	−28	+2	+3	+10	−47	1	0.21
44064	H	08 58 27.39	+35 48 09.6	6.65		H	134.614 114 44	+35.802 656 92	∗	4.11	0.09	−5.64	0.72	0.49	0.84	0.83	0.66	−23	+36	−13	+9	+8	−30	+5	+31	−4	−16	2	1.40
44065		08 58 29.07	+55 51 41.7	7.94		H	134.621 123 28	+55.861 590 26		3.19	−24.11	−7.67	0.90	0.63	0.99	1.11	0.71	−20	+29	−19	−6	+11	−9	+10	−13	+0	+1	0	−1.12
44066		08 58 29.20	+11 51 28.0	4.26		G	134.621 654 08	+11.857 771 98		18.79	41.45	−29.22	1.01	0.60	0.99	1.03	0.67	−22	+49	−22	+3	+27	−21	+26	+29	+11	−18	0	0.15
44067		08 58 30.75	−50 48 25.2	7.57		G	134.628 136 91	−50.807 004 72		4.62	−29.65	40.36	0.59	0.54	0.65	0.76	0.60	−3	+9	+5	−8	+12	−5	+10	−15	−3	−3	0	1.17
44068		08 58 34.61	−59 44 17.0	7.64		G	134.644 199 40	−59.738 055 42		1.27	−6.70	7.78	0.53	0.50	0.59	0.54	0.52	+3	−5	+1	+5	−5	−6	−10	−13	+19	−20	0	−0.76
44069		08 58 35.18	+76 31 49.4	10.14		H	134.646 599 67	+76.530 399 84		2.23	−9.49	−43.52	2.03	2.04	2.64	2.53	2.44	+19	+2	−13	−2	−1	−5	+0	−11	−7	+41	0	
44070		08 58 35.64	−23 47 42.5	8.27		G	134.648 516 56	−23.795 129 83		5.80	−7.61	3.50	0.71	0.67	1.00	0.75	0.72	−23	+5	−17	+47	−24	+25	−21	+49	−12	−32	2	0.40
44071		08 58 36.89	+09 27 25.9	8.89		H	134.653 701 80	+09.457 191 80		7.86	−21.81	4.20	1.25	0.79	1.39	1.74	1.05	−13	+14	−7	+2	+20	+1	+20	+32	−13	−23	0	−0.37
44072		08 58 37.77	+20 32 49.8	9.22		H	134.657 381 99	+20.547 168 60		48.53	657.67	−174.97	1.23	0.81	1.28	1.67	1.09	−11	+13	−12	−22	+17	−11	+16	+2	−11	−16	0	0.22
44073		08 58 42.29	+52 00 11.8	8.54	2	H	134.676 226 74	+52.003 284 73		4.82	−13.51	−25.79	0.97	0.68	1.20	1.49	0.84	−1	+24	−25	+3	+11	+9	+19	−13	+33	+45	0	−0.49
44074		08 58 43.48	−39 07 55.9	9.12		H	134.681 157 04	−39.132 206 60		0.93	−10.50	−2.47	0.84	0.93	1.18	0.92	0.96	+16	+16	+3	−15	−2	+14	−4	−34	+10	+3	0	−0.21
44075		08 58 43.78	−16 07 59.7	5.80		H	134.682 436 59	−16.133 245 87		46.90	244.35	213.46	0.69	0.44	0.97	0.77	0.45	−18	−11	+13	+49	−7	−15	−5	+55	−4	−35	3	0.85
44076		08 58 44.56	−50 00 05.0	9.17		H	134.685 650 28	−50.001 383 17		3.53	−30.41	0.19	0.91	0.81	1.01	1.19	0.88	+0	+19	+1	+3	+3	−1	+5	−3	+11	+4	1	1.02
44077		08 58 45.14	+09 56 39.7	8.89		H	134.688 073 95	+09.944 357 45		3.64	−12.20	−7.63	1.20	0.80	1.40	1.78	0.98	−26	+21	−22	+0	+26	+15	+18	+25	−23	−23	0	0.47
44078		08 58 45.39	+23 58 00.1	7.59		H	134.689 135 98	+23.966 699 76		7.07	−13.31	7.66	0.91	0.75	1.09	1.16	0.93	−22	+17	−37	−6	−14	−36	−25	+43	+3	−30	0	−0.05
44079		08 58 45.49	+08 13 25.5	7.90		H	134.689 522 12	+08.223 755 37		3.24	−12.51	−4.54	0.90	0.59	1.08	1.28	0.76	−29	+21	−22	−15	+33	−28	+24	+8	−14	−28	2	1.26
44080		08 58 45.84	−31 14 39.0	7.97		G	134.691 004 56	−31.244 179 64		2.35	−10.00	8.72	0.46	0.56	0.79	0.54	0.65	+9	−5	−9	+30	−3	+11	−5	−2	+10	+0	1	1.91
44081		08 58 46.04	−64 31 49.8	6.90		H	134.691 843 32	−64.530 511 38		2.80	1.20	2.65	0.46	0.49	0.53	0.49	0.50	+1	+4	+0	−2	+0	−12	−2	−22	+25	−19	1	−1.40
44082	H	08 58 46.19	+14 13 47.0	7.96		H	134.692 443 51	+14.229 718 40	∗	−0.04	−19.75	−7.01	1.51	0.95	1.29	1.50	1.06	−46	+8	−18	−8	+10	−2	+16	+33	−24	−55	1	0.33
44083		08 58 46.35	−16 44 54.8	6.98		H	134.693 120 56	−16.748 566 69		2.56	−3.12	−3.85	0.74	0.46	0.99	0.94	0.46	−16	−15	+17	+46	−15	−30	−12	+47	+1	−32	3	1.06
44084		08 58 46.90	+66 00 05.2	7.30		H	134.695 414 16	+66.001 452 95		7.50	−17.86	−37.17	0.44	0.47	0.75	0.54	0.59	+19	+12	−10	+11	−11	+9	−10	+13	+6	+22	0	−0.04
44085		08 58 47.02	−31 57 57.6	7.73		G	134.695 906 98	−31.966 002 87		7.11	−2.64	−21.89	0.46	0.66	0.92	0.53	0.79	+18	−12	−27	+19	−11	+23	−10	−14	+27	+15	1	0.98
44086		08 58 47.56	−27 24 33.1	8.80		H	134.698 171 80	−27.409 206 61		1.58	−1.46	3.04	0.66	0.80	1.10	0.71	0.87	−13	−9	−2	+21	−22	−7	−22	+32	+3	−20	0	−0.64
44087		08 58 48.59	+30 28 01.6	8.85		H	134.702 453 15	+30.467 104 60		4.28	−28.11	7.16	1.20	0.79	1.41	1.60	1.16	−16	+22	+5	+4	+1	−39	+7	+49	+6	−19	0	1.73
44088	H	08 58 48.92	+81 17 07.3	7.74		G	134.703 816 38	+81.285 348 82	∗	5.74	−11.68	7.94	0.53	0.48	0.68	0.65	0.53	+2	+24	−6	−8	−11	−11	−13	−2	−11	+11	0	−0.62
∗44089		08 58 49.90	+25 24 19.1	7.47		H	134.707 926 74	+25.405 312 54		25.04	−53.51	−141.77	0.97	0.71	1.16	1.54	1.09	−2	+3	−16	+4	−5	−35	−9	+38	+38	−15	3	1.82
∗44090		08 58 49.90	+18 59 15.5	9.54		H	134.707 919 75	+18.987 649 34		0.68	−3.17	−27.85	1.82	1.08	1.83	2.42	1.20	+2	−2	−49	−56	+3	−17	−3	+10	−22	+0	0	2.50
44091		08 58 51.54	−28 18 24.6	9.56		H	134.714 749 42	−28.306 827 54		−0.06	−2.66	9.93	0.91	1.06	1.43	1.05	1.09	−11	+7	−2	+32	−15	+24	−14	+38	+7	−5	0	1.74
44092		08 58 52.01	+33 51 46.6	10.59	2	H	134.716 715 48	+33.862 932 27		−3.75	−6.89	−18.93	2.18	1.48	2.51	2.85	2.22	−40	+28	−16	−17	−3	−42	−4	+48	+11	−41	4	3.31
44093		08 58 52.43	−47 14 05.4	5.17		G	134.718 442 52	−47.234 823 13		14.77	−84.40	55.68	0.47	0.50	0.59	0.59	0.60	+0	−7	+0	−15	+7	−8	+6	−14	+7	−23	0	0.87
44094		08 58 52.47	−43 27 10.6	8.29		H	134.718 612 73	−43.452 932 24		6.37	−29.74	20.67	0.62	0.65	0.83	0.67	0.68	+12	+12	−1	+2	−4	−7	−1	−36	+24	+10	0	0.48
44095		08 58 53.44	−29 37 29.8	8.51		G	134.722 657 02	−29.624 938 51		7.59	30.08	−53.93	0.65	0.76	1.03	0.74	0.80	−6	+2	+4	+18	−10	+16	−10	+20	+6	−7	0	−0.20
44096		08 58 55.38	−15 59 05.6	6.74	1	H	134.730 734 35	−15.984 900 30		4.30	−22.94	−1.00	0.72	0.46	0.99	0.82	0.47	−17	−6	+14	+53	−10	−15	−8	+57	−5	−35	1	1.78
∗44097		08 58 55.78	+21 09 59.0	7.63		H	134.732 413 93	+21.166 398 05		29.72	−77.06	−48.13	0.99	0.69	1.09	1.41	0.90	−10	−3	−26	−10	+24	−21	+20	+6	−13	−12	0	0.12
∗44098		08 58 55.75	−54 38 03.1	7.63		H	134.732 280 66	−54.634 196 34		5.74	−13.89	19.64	0.46	0.48	0.53	0.54	0.54	+8	−5	+0	−5	−5	+3	−5	−7	+0	−1	0	0.28
44099		08 58 55.81	−68 08 21.4	6.93		H	134.732 524 48	−68.139 275 97		2.46	−4.23	10.35	0.51	0.50	0.54	0.60	0.49	+14	+10	+18	−4	−11	+5	−11	−28	+8	+5	0	0.45
44100		08 58 56.34	+25 55 32.6	7.95		G	134.734 761 05	+25.925 728 96		17.86	−59.21	9.80	1.04	0.72	1.21	1.41	1.01	−8	−8	−8	−17	−18	−47	−20	+32	+30	−34	0	0.96

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
44001	5.952	0.004	5.709	0.005		0.209	0.005	G	0.23	0.01	H	5.7504	0.0007	0.005	59		5.74	5.76		C			1							S
44002	8.075	0.007	8.053	0.009		0.011	0.015	G	0.03	0.01	H	8.0653	0.0011	0.011	128		8.05	8.09		C			1							
44003	9.266	0.014	8.885	0.015		0.361	0.019	T	0.42	0.02	L	8.9311	0.0021	0.017	123		8.90	8.96		C			1							
44004	10.021	0.032	8.499	0.017		1.263	0.015	G	1.22	0.02	H	8.5248	0.0019	0.012	65		8.51	8.55		C			1							
44005	11.558	0.082	9.731	0.027		1.551	0.071	T	1.76	0.21	K	9.5962	0.0024	0.024	120		9.55	9.63					1							
44006	8.766	0.009	8.502	0.010		0.251	0.013	T	0.28	0.02	L	8.5483	0.0013	0.019	180		8.52	8.58					1							S
44007	8.385	0.010	7.217	0.008		1.002	0.010	T	0.98	0.01	L	7.2735	0.0017	0.015	121		7.25	7.30		U 2			1							S
44008	10.813	0.050	9.122	0.020		1.412	0.043	T	1.39	0.05	L	9.1849	0.0016	0.014	96		9.16	9.21		C			1							
44009	9.031	0.014	8.723	0.015		0.293	0.019	T	0.33	0.03	L	8.7699	0.0024	0.017	116		8.74	8.80		C			1							
44010	7.429	0.008	6.293	0.005		0.984	0.003	G	0.89	0.04	E	6.3511	0.0007	0.005	69		6.34	6.36		C			1							S
44011	7.417	0.005	7.482	0.007		−0.074	0.004	G	−0.05	0.01	H	7.4833	0.0012	0.014	154		7.46	7.50					1							S
44012	9.542	0.019	8.886	0.017	*	0.600	0.019	T	0.67	0.02	L	*	8.8903	0.0016	0.016	105	*	8.87	8.92		D	08577−6116	I 1	2 C A	AB	260	0.289	0.004	0.23	0.05	
44013	9.773	0.019	8.748	0.013		0.893	0.017	T	0.90	0.01	L		8.8074	0.0017	0.015	134		8.78	8.84		C			1							
44014	7.657	0.006	7.151	0.006		0.476	0.008	T	0.55	0.01	L		7.2016	0.0013	0.011	129		7.19	7.22		C			1 G							S
44015	9.565	0.013	9.177	0.013		0.367	0.017	T	0.43	0.02	L		9.2271	0.0019	0.027	257		9.18	9.27					1							
44016	10.477	0.042	9.159	0.023		1.119	0.037	T	1.08	0.04	L		9.2303	0.0013	0.015	89		9.20	9.25					1							
44017	7.302	0.005	7.145	0.007	A	0.000	0.495	G	0.15	0.01	L	*	7.1563	0.0009	0.009	125	*	7.14	7.18		D	08578−1853	I 1	2 C A	AB	303	1.833	0.021	3.37	0.06	S
44018	8.053	0.013	8.000	0.011		0.054	0.016	T	0.07	0.01	L		8.0478	0.0015	0.011	77		8.03	8.07		C			1							S
44019	7.727	0.007	7.853	0.009		−0.119	0.001	G	−0.10	0.00	H		7.8429	0.0013	0.013	147		7.82	7.87					1							S
44020	9.261	0.015	8.766	0.014		0.466	0.019	T	0.54	0.02	L		8.8118	0.0016	0.016	117		8.79	8.84		C			1							
44021	11.142	0.044	9.128	0.014	*	1.212	0.197	G	1.17	0.19	K	*	9.0139	0.0026	0.031	197	*	8.97	9.08		U 2	08579+6419	H 1	2 C S A	AB	329	0.125	0.007	0.20	0.68	
44022	9.081	0.024	8.703	0.025		0.393	0.015	G	0.46	0.02	H		8.7526	0.0021	0.010	53		8.74	8.77					1							
44023	10.552	0.040	8.815	0.017		1.449	0.034	T	1.45	0.05	L		8.8324	0.0023	0.015	82		8.80	8.86		C			1							
44024	7.237	0.005	5.994	0.004		1.060	0.003	G	1.05	0.04	E		6.0531	0.0008	0.006	125		6.04	6.07		C			1							S
44025	10.026	0.024	9.705	0.027		0.330	0.020	G	0.38	0.03	H		9.7559	0.0037	0.041	114		9.67	9.82		U 2			1							G
44026	9.026	0.013	8.866	0.015		0.146	0.019	T	0.16	0.02	L		8.9117	0.0017	0.019	134		8.87	8.94		C			1							
44027	10.297	0.036	9.610	0.031		0.623	0.036	T	0.69	0.03	L		9.6196	0.0027	0.018	91		9.59	9.65		C			1							
44028	8.639	0.010	8.454	0.011		0.170	0.014	T	0.19	0.01	L		8.4926	0.0019	0.020	129		8.46	8.53					1							S
44029	10.564	0.026	8.616	0.010		1.651	0.023	T	1.80	0.07	O		8.5317	0.0022	0.024	175		8.49	8.57		U			1							
44030	7.128	0.006	6.720	0.005		0.386	0.007	T	0.45	0.01	L		6.7716	0.0006	0.005	100		6.76	6.79					1							S
44031	6.787	0.005	6.295	0.005		0.474	0.005	T	0.55	0.01	L		6.3534	0.0009	0.007	85		6.34	6.36		C	08580+3014	I 1	1							S
44032	10.267	0.035	8.967	0.020		1.100	0.032	T	1.18	0.04	L		9.0346	0.0020	0.014	85		9.01	9.07		C			1							
44033						0.584	0.020	G	0.66	0.02	H		12.0554	0.0103	0.064	51		11.95	12.17					1							G
44034	9.170	0.014	9.203	0.019		−0.023	0.005	G	0.00	0.01	H		9.2212	0.0024	0.021	97		9.18	9.26		C			1							
44035	9.573	0.018	9.214	0.019		0.340	0.024	T	0.40	0.03	L		9.3086	0.0025	0.021	111		9.28	9.34					1							
44036	8.388	0.009	8.337	0.011		0.052	0.013	T	0.06	0.01	L		8.3617	0.0010	0.012	133		8.34	8.39					1							
44037	9.471	0.018	8.299	0.012		1.005	0.017	T	0.98	0.01	L		8.3681	0.0017	0.011	93		8.35	8.39		C			1							
44038	9.520	0.017	7.800	0.008		1.435	0.015	T	1.43	0.02	L		7.7844	0.0012	0.012	122		7.77	7.81		C	08581−0335	I 1	1							
44039											T		11.3107	0.0370	0.289	131		10.94	11.75		D	08581−3852	I 2	S							G G
44040	8.690	0.010	8.538	0.012		0.146	0.015	T	0.16	0.01	L		8.5768	0.0014	0.013	122		8.55	8.59		C			1							
44041											T		11.0784	0.0119	0.139	131		10.91	11.33		D	08581−3852	I 2	1 X S							G
44042	6.678	0.004	6.603	0.005		0.064	0.003	G	0.07	0.00	H		6.6221	0.0011	0.008	99		6.61	6.63			08581+0132	I 1	1							S
44043	8.578	0.011	8.536	0.014		0.030	0.015	G	0.05	0.01	H		8.5489	0.0016	0.013	112		8.52	8.57		C			1							
44044	9.956	0.022	8.938	0.015		0.888	0.020	T	0.89	0.01	L		9.0346	0.0016	0.018	131		9.00	9.06		C			1							
44045	8.608	0.008	8.212	0.008		0.392	0.015	G	0.46	0.02	H		8.2644	0.0012	0.014	211		8.24	8.29					1							
44046	10.149	0.026	9.438	0.022		0.654	0.028	T	0.72	0.03	L		9.5052	0.0024	0.020	110		9.47	9.53					1							
44047	10.502	0.034	9.141	0.018		1.153	0.030	T	1.12	0.03	L		9.1714	0.0033	0.028	126		9.12	9.24		U			1							
44048	8.503	0.009	8.409	0.010		0.085	0.012	T	0.10	0.01	L		8.4358	0.0013	0.013	149		8.41	8.47		C			1							S
44049	8.621	0.009	8.647	0.011		−0.022	0.012	T	0.00	0.01	L		8.6627	0.0018	0.021	165		8.63	8.70					1							
44050	9.264	0.021	7.813	0.012		1.242	0.020	T	3.95	0.05	O		7.1237	0.0190	0.212	67		6.80	7.40		U 2			1 S							
44051	8.743	0.011	8.590	0.013		0.139	0.016	T	0.15	0.02	L		8.6188	0.0019	0.014	109		8.59	8.64		C			1							
44052	8.643	0.008	7.200	0.005		1.217	0.007	T	1.18	0.01	L		7.2422	0.0009	0.012	177		7.22	7.27					1							S
44053	8.905	0.015	7.777	0.010		0.971	0.014	T	0.96	0.01	L		7.8606	0.0009	0.010	88		7.84	7.88					1							S
44054	10.265	0.034	9.119	0.021		0.985	0.031	T	0.97	0.03	L		9.1419	0.0018	0.019	87		9.11	9.18		C			1							
44055	7.761	0.008	7.833	0.010		−0.060	0.015	G	−0.04	0.01	H		7.8286	0.0011	0.011	104		7.81	7.85		C			1							S
44056	6.579	0.006	6.561	0.006		0.021	0.008	T	0.04	0.01	L		6.5713	0.0012	0.005	47		6.56	6.59		C			1							S
44057	9.652	0.018	8.550	0.012		0.951	0.017	T	0.94	0.01	L		8.6065	0.0019	0.013	102		8.59	8.63					1							
44058	8.436	0.008	7.954	0.008		0.466	0.009	T	0.54	0.01	L		8.0006	0.0012	0.016	203		7.97	8.03					1							S
44059	10.123	0.023	9.133	0.016		0.843	0.015	G	0.88	0.01	H		9.1947	0.0013	0.019	134		9.17	9.23		C			1							
44060	7.744	0.008	7.370	0.006		0.354	0.009	T	0.42	0.01	L		7.4207	0.0015	0.017	140		7.39	7.45		U			1							S
44061	9.193	0.021	8.132	0.015		0.920	0.020	T	0.92	0.01	L		8.1931	0.0019	0.014	49		8.16	8.22					1							
44062	9.120	0.017	8.913	0.019		0.198	0.024	T	0.22	0.03	L		8.9783	0.0016	0.015	104		8.95	9.01		C			1							
44063	9.144	0.014	9.038	0.017	A	0.103	0.021	T	0.12	0.02	L		9.0930	0.0064	0.016	104	A	9.07	9.13		C	08584−0549	H 1	2 C A	AB	347	11.839	0.020	2.78	0.09	
44064	6.670	0.005	6.650	0.006	*	0.012	0.004	G	0.03	0.00	H	*	6.6627	0.0007	0.007	91	*	6.65	6.68		D	08585+3548	M 1	2 C S A	AB	182	0.158	0.009	1.89	0.23	S
44065	9.138	0.017	8.032	0.012		0.954	0.016	T	0.94	0.01	L		8.1076	0.0012	0.011	72		8.08	8.13		C			1							S
44066	4.441	0.003	4.274	0.002		0.141	0.017	G	0.14	0.03	C		4.3023	0.0005	0.004	84		4.30	4.31			08585+1151	I 1	1 G							S
44067	9.157	0.014	7.676	0.008		1.224	0.003	G	1.18	0.00	H		7.7204	0.0009	0.010	115		7.70	7.74		C			1							
44068	7.520	0.007	7.629	0.011		−0.090	0.015	G	−0.07	0.02	H		7.6171	0.0014	0.010	102		7.60	7.64		C			1							S
44069	10.530	0.032	10.216	0.037		0.298	0.046	T	0.34	0.06	L		10.2189	0.0031	0.031	138		10.17	10.28		C			1 X S							G
44070	8.829	0.012	8.312	0.011		0.493	0.015	G	0.57	0.02	H		8.3769	0.0013	0.016	123		8.35	8.41		C			1							
44071	9.464	0.024	8.934	0.023		0.497	0.030	T	0.57	0.03	L		8.9977	0.0018	0.014	63		8.98	9.02		C			1							
44072	10.669	0.054	9.327	0.030		1.116	0.003	G	1.20	0.00	I		9.3438	0.0023	0.016	59		9.31	9.37		C			1							
44073	8.932	0.013	8.559	0.013		0.363	0.015	G	0.42	0.02	H		8.6216	0.0032	0.028	86		8.58	8.66		U 2			1							S
44074	10.607	0.032	9.226	0.017		1.169	0.028	T	1.13	0.03	L		9.2900	0.0026	0.028	157		9.24	9.33					1							
44075	6.427	0.003	5.871	0.003		0.521	0.004	T	0.59	0.00	L		5.9193	0.0005	0.005	157		5.91	5.93					1							S
44076	10.378	0.031	9.268	0.020		0.957	0.029	T	0.94	0.02	L		9.3314	0.0025	0.018	106		9.29	9.37					1							
44077	10.464	0.043	8.989	0.021		1.242	0.038	T	1.20	0.04	L		9.0521	0.0023	0.014	70		9.02	9.08		C			1							S
44078	7.855	0.008	7.622	0.011		0.222	0.013	T	0.24	0.01	L		7.6571	0.0015	0.009	65		7.64	7.67		C			1							S
44079	7.864	0.009	7.900	0.011		−0.028	0.013	T	−0.01	0.01	L		7.8959	0.0009	0.009	66		7.88	7.91		C			1							S
44080	7.915	0.006	7.964	0.009		−0.038	0.002	G	−0.02	0.00	H		7.9653	0.0014	0.016	186		7.94	7.99					1							S
44081	8.276	0.010	7.017	0.005		1.073	0.009	T	1.04	0.01	L		7.0651	0.0007	0.008	124		7.05	7.08		C			1							S
44082	9.264	0.014	8.083	0.010	*	1.012	0.013	T	0.99	0.01	L	*	8.1260	0.0011	0.009	102	*	8.11	8.14		D	08588+1414	I 1	2 C A	AB	26	0.259	0.002	0.54	0.03	
44083	8.770	0.010	7.148	0.005		1.358	0.009	T	1.33	0.01	L		7.1325	0.0009	0.009	127		7.12	7.15					1							S
44084	7.577	0.006	7.324	0.005		0.241	0.007	T	0.27	0.01	L		7.3711	0.0010	0.012	191		7.35	7.39		C			1							S
44085	7.956	0.007	7.734	0.007		0.177	0.002	G	0.19	0.00	H		7.7902	0.0014	0.014	164		7.76	7.81		C			1							S
44086	10.688	0.033	8.968	0.014		1.435	0.028	T	1.43	0.04	L		8.9433	0.0018	0.021	147		8.90	8.99		C			1							
44087	9.950	0.028	8.942	0.019		0.880	0.025	T	0.89	0.02	L		9.0121	0.0022	0.014	81		8.98	9.04					1							
44088	8.091	0.007	7.761	0.009	*	0.323	0.015	G	0.37	0.02	H	*	7.8142	0.0012	0.013	140	*	7.79	7.84		C	08588+8117	H 1	2 C S B	AB	27	0.131	0.028	1.39	0.74	S
44089	8.281	0.016	7.518	0.011		0.680	0.015	T	0.74	0.01	L		7.6041	0.0010	0.011	54		7.58	7.63		C			1							S
44090	10.074	0.049	9.624	0.050		0.424	0.064	T	0.49	0.07	L		9.6387	0.0036	0.017	49		9.61	9.67		C			1							
44091	9.542	0.017	9.536	0.023		0.006	0.025	T	0.03	0.02	L		9.5675	0.0040	0.035	125		9.52	9.63					1							S G
44092	11.186	0.068	10.814	0.084		0.494	0.072	G	0.57	0.08	R		10.6956	0.0069	0.063	93		10.61	10.78		U 2			1 S							G
44093	5.475	0.003	5.193	0.002		0.268	0.003	T	0.30	0.00	L		5.2287	0.0006	0.005	115		5.22	5.24		C	08589−4714	I 1	1							S P
44094	8.537	0.009	8.309	0.010		0.196	0.001	G	0.21	0.00	H		8.3537	0.0012	0.014	123		8.32	8.38		C			1							
44095	9.111	0.013	8.554	0.012		0.518	0.015	G	0.59	0.02	H		8.6187	0.0017	0.018	116		8.59	8.66			08589−2937	I 1	1							
44096	8.754	0.009	6.898	0.004		1.543	0.008	T	1.60	0.02	L		6.8534	0.0009	0.010	166		6.84	6.87		M			1							S
44097	8.470	0.014	7.710	0.012		0.693	0.014	T	0.75	0.01	L		7.7731	0.0017	0.014	61		7.76	7.80		C			1							S
44098	7.638	0.006	7.623	0.008		0.014	0.009	T	0.03	0.01	L		7.6388	0.0008	0.009	137		7.62	7.65		C			1							S
44099	6.848	0.005	6.913	0.005		−0.060	0.015	G	−0.04	0.01	H		6.9156	0.0010	0.007	110		6.90	6.93					1							S
44100	8.550	0.015	8.002	0.014		0.516	0.011	G	0.59	0.01	H		8.0788	0.0011	0.009	47		8.06	8.09					1							S

Number HIP	Descriptor: epoch J1991.25 RA h m s	Dec ±° ′ ″	V mag		Position: epoch J1991.25 α (ICRS) deg	δ deg	Par. π mas	Proper Motion $\mu_{\alpha*}$ mas/yr	μ_δ	Standard Errors α* mas	δ	π mas	$\mu_{\alpha*}$ mas/yr	μ_δ	Astrometric Correlations (%)	Soln F1 %	F2
1 2	3	4	5	6 7	8	9 10	11	12	13	14	15	16	17	18	19 20 21 22 23 24 25 26 27 28	29	30
44101	08 58 56.96	−34 00 23.4	9.35	1 H	134.737 329 40	−34.006 493 24	21.35	−70.87	−26.56	0.73	0.97	1.38	0.80	1.11	+20 −11 − 7 −13 + 0 +25 − 1 −21 +22 +20	2	0.24
44102	08 58 57.13	+12 58 11.7	8.85	H	134.738 044 14	+12.969 921 96	4.03	−9.18	−1.90	1.01	0.72	1.30	1.33	0.88	−24 + 2 −36 − 6 +30 −42 +21 +29 −17 −22	0	−0.48
44103	08 58 58.02	+44 25 30.7	8.17	G	134.741 739 00	+44.425 194 86	11.02	−31.29	−28.76	0.87	0.64	1.08	0.94	0.52	−26 +25 −35 −31 +13 −10 +20 −56 +32 + 9	2	0.23
44104	08 58 58.60	+73 04 51.5	7.82	G	134.744 155 47	+73.080 964 72	3.48	13.69	−0.38	0.57	0.56	0.81	0.74	0.61	+10 +21 −20 +22 − 7 +13 − 4 + 4 − 5 +17	0	−0.75
44105	08 58 59.33	+03 39 22.0	7.99	G	134.747 212 92	+03.656 117 66	1.12	−0.23	−4.71	0.89	0.53	1.00	1.11	0.49	−27 +32 −21 −10 + 3 −17 + 6 −32 +23 −46	0	−0.23
44106	08 58 59.47	−73 13 13.6	8.58	H	134.747 799 57	−73.220 444 46	2.80	−10.49	−15.90	0.64	0.67	0.73	0.67	0.67	− 3 + 1 +14 − 2 − 3 − 3 − 5 −23 + 9 −14	0	−0.95
44107 H	08 59 00.64	+63 25 43.1	7.17	H	134.752 662 22	+63.428 647 49 A	4.98	−23.15	−24.36	0.77	0.80	1.09	0.79	0.79	−18 +27 − 5 +24 −27 +23 −24 +21 − 1 + 8	0	−0.49
44108	08 59 01.81	−53 20 36.6	7.81	H	134.757 529 00	−53.343 494 28	2.34	−34.59	26.49	0.56	0.54	0.64	0.63	0.56	− 6 + 3 +18 −14 + 3 −11 + 5 −16 − 3 − 3	0	−1.52
*44109 H	08 59 02.27	+01 51 53.5	10.46	H	134.759 477 02	+01.864 865 88 A	37.28	−53.28	−71.86	6.39	3.24	6.13	5.58	2.33	−46 +41 −25 −41 + 9 −37 +15 −28 +22 −43	4	1.15
*44110	08 59 02.22	−68 16 59.4	8.83	H	134.759 258 46	−68.283 153 58	1.18	8.57	−6.23	0.83	0.80	0.88	0.95	0.80	+ 8 +11 +12 −11 −12 + 5 −10 −30 +17 + 6	0	−1.36
44111	08 59 03.24	−06 23 41.9	12.00	H	134.763 486 28	−06.394 969 75	8.25	219.78	−490.93	3.56	2.09	4.01	3.75	2.06	−33 + 8 − 1 −45 −11 −23 − 4 +27 + 1 −41	0	0.88
44112	08 59 03.71	+67 04 29.2	8.79	H	134.765 438 86	+67.074 765 12	15.93	2.36	−33.01	0.53	0.71	1.05	0.60	0.91	+39 +14 − 5 −14 + 9 + 2 + 7 +18 + 3 +51	0	0.17
44113	08 59 03.78	−17 45 42.2	9.02	1 H	134.765 756 90	−17.761 732 41	−0.33	−2.10	−2.79	0.91	0.75	1.28	1.04	0.74	−20 + 2 +24 +38 −20 −13 −15 +55 + 9 −35	0	−0.27
*44114	08 59 05.78	+63 21 09.5	7.07	H	134.774 077 91	+63.352 630 95	6.89	−31.47	−47.57	0.51	0.53	0.81	0.55	0.56	−12 +29 −14 +34 −17 +18 −12 +15 − 3 + 7	0	1.00
*44115	08 59 05.70	+36 26 35.2	11.85	G	134.773 736 76	+36.443 103 13	28.57	−376.55	−398.13	2.84	1.78	3.01	4.02	2.42	−21 +16 −23 − 7 +14 −16 + 3 +30 −13 − 1	0	−2.10
44116	08 59 05.94	−00 37 25.8	8.48	G	134.774 746 56	−00.623 843 54	12.66	76.78	−3.68	1.32	0.65	1.24	1.66	0.63	−32 +30 −19 −61 +22 −37 +29 −32 +26 −48	0	−0.42
44117	08 59 06.10	+33 39 04.9	8.59	H	134.775 405 18	+33.651 366 40	0.33	9.19	−44.24	1.20	0.71	1.30	1.42	1.02	−36 +37 −24 −33 +12 −38 + 7 +32 + 4 −32	0	0.42
44118	08 59 07.64	+31 54 58.6	7.95	H	134.781 821 48	+31.916 289 88	16.27	−52.40	−140.69	0.87	0.56	0.99	0.98	0.75	−37 +44 −32 −19 +14 −30 + 1 +32 −10 −20	4	−0.06
44119	08 59 08.25	−05 50 36.3	8.57	H	134.784 385 61	−05.843 416 41	10.31	−73.17	144.39	1.04	0.56	1.15	1.21	0.57	−26 +32 − 7 −29 − 8 −23 − 1 +25 + 6 −36	0	0.35
44120	08 59 08.49	+22 47 55.5	8.18	H	134.785 356 54	+22.798 757 89	7.67	−11.95	13.35	0.96	0.70	1.07	1.34	1.02	− 8 +24 − 8 + 3 − 4 −29 + 2 +35 +16 −28	0	−0.18
44121	08 59 09.20	+40 55 55.2	8.62	H	134.788 346 17	+40.931 990 83	7.79	−1.82	−36.50	0.92	0.63	1.07	1.02	0.75	−29 +17 − 1 −30 − 8 −21 − 2 − 2 +11 −52	0	−0.22
44122	08 59 09.65	−55 37 04.8	8.86	H	134.790 203 46	−55.618 009 77	0.75	11.68	−11.48	0.85	0.84	0.94	0.91	0.98	+ 4 − 1 − 7 − 9 − 5 + 4 − 8 −17 − 2 −22	3	0.40
44123	08 59 09.91	+00 06 11.9	9.59	2 H	134.791 292 01	+00.103 295 71	−2.86	−2.47	1.19	1.61	0.94	1.72	1.75	0.85	−43 +33 −22 −49 +29 −37 +29 −40 +19 −51	0	1.68
44124	08 59 09.91	−04 01 31.4	9.66	G	134.791 292 71	−04.025 397 34	12.37	345.31	−581.46	1.58	0.73	1.72	1.48	0.71	−28 +43 −17 −38 + 4 + 1 +12 + 0 + 4 −39	2	−1.48
44125	08 59 10.71	+18 03 36.9	8.79	H	134.794 643 32	+18.060 251 30	2.49	22.90	−15.69	1.59	0.77	1.32	2.01	1.03	+ 7 + 5 −25 −63 − 9 −17 − 2 + 1 − 9 −11	0	0.29
44126	08 59 10.76	+18 08 06.1	6.30	2 H	134.794 833 91	+18.135 031 74	4.68	−49.82	−67.96	1.13	0.55	0.95	1.39	0.73	+ 5 − 7 −25 −62 − 1 −11 + 2 − 9 −19 − 5	0	1.42
44127	08 59 12.84	+48 02 32.5	3.12	H	134.803 494 79	+48.042 349 56	68.32	−441.12	−215.21	0.67	0.49	0.79	0.84	0.48	−17 + 7 −26 − 5 +17 −18 +15 −27 + 9 + 5	2	1.32
44128	08 59 13.79	+35 03 26.4	9.60	H	134.807 446 75	+35.057 341 28	3.67	−27.18	−28.68	1.41	0.87	1.49	1.74	1.21	−24 +36 −11 −10 +18 −12 +16 +20 + 2 −13	0	−0.71
44129	08 59 14.04	−16 30 09.5	7.13	H	134.808 503 93	−16.502 637 78	4.87	−34.77	10.42	0.81	0.53	1.21	1.08	0.52	−18 −18 −18 +40 −36 +10 − 8 +63 −26 −45	3	0.60
44130	08 59 15.85	−28 48 21.9	6.24	G	134.816 044 53	−28.806 078 79	6.91	−43.82	25.19	0.47	0.48	0.68	0.52	0.54	+ 5 + 6 −12 +25 − 9 +14 − 8 +23 + 7 + 3	1	1.61
44131	08 59 16.29	−61 52 12.4	8.56	H	134.817 891 89	−61.870 109 02	7.62	−51.66	−10.52	0.64	0.64	0.73	0.60	0.62	+ 0 + 2 +19 −15 −23 −19 −24 −20 +12 −29	0	0.59
44132	08 59 17.75	−35 18 36.9	8.84	H	134.823 940 35	−35.310 255 72	16.66	164.99	−22.42	0.61	0.78	1.01	0.64	0.79	+12 + 3 − 7 −14 + 7 + 0 + 7 −21 +12 +16	1	0.40
44133	08 59 19.52	+08 58 56.3	7.51	H	134.831 346 81	+08.982 317 39	4.79	−19.75	−5.13	0.91	0.58	1.06	1.23	0.80	−19 +17 − 9 + 0 +17 −15 +18 +27 −13 −32	0	0.76
44134 H	08 59 19.96	−08 59 23.3	7.93	H	134.833 154 35	−08.989 811 74 A	5.30	−22.44	6.85	1.28	0.79	1.37	1.50	0.76	−19 + 5 +11 − 9 −22 − 5 − 9 +53 − 1 −37	0	−0.43
44135 H	08 59 20.67	−63 28 00.7	6.93	H	134.836 112 04	−63.466 851 51 A	7.58	−36.68	16.19	0.87	0.74	0.77	0.79	0.67	+ 5 +17 +14 −25 −15 −12 − 8 −17 + 5 −24	4	0.70
44136	08 59 22.20	−42 36 06.6	9.29	G	134.842 497 54	−42.601 827 81	2.58	−11.33	0.25	0.72	0.80	1.01	0.88	0.99	+ 3 − 9 − 7 + 5 − 5 +25 − 6 −15 + 3 − 7	0	−1.00
*44137	08 59 22.32	+07 24 55.1	7.84	H	134.843 014 33	+07.415 313 86	20.98	96.74	−136.25	1.05	0.70	1.22	1.43	0.87	−20 +19 −10 − 2 +25 −18 +19 +23 −12 −22	3	0.19
*44138	08 59 22.30	+34 26 21.1	10.80	H	134.842 919 73	+34.439 181 71	0.94	−2.93	−24.28	1.87	1.16	1.97	2.57	1.68	−21 +15 −16 − 5 +18 −19 +15 +26 + 4 −11	4	−0.03
44139	08 59 22.99	+48 16 17.9	8.16	G	134.845 803 20	+48.271 651 51	8.26	−58.69	34.18	0.79	0.64	0.96	1.07	0.63	−14 + 5 −32 + 3 +17 −16 +18 −31 +11 +11	0	0.67
44140	08 59 23.72	+53 58 18.5	8.94	H	134.848 813 65	+53.971 819 37 A	8.53	−1.35	−19.28	2.88	2.11	2.59	3.21	1.95	+ 3 +36 −10 +13 +15 + 0 + 8 −18 −16 +18	4	0.87
44141	08 59 24.00	+16 39 53.5	8.99	H	134.850 017 16	+16.664 872 08	4.65	−19.04	3.45	1.22	0.83	1.38	1.39	0.98	−19 +37 −34 −15 + 9 −29 + 2 +21 + 3 −17	0	0.28
44142	08 59 24.33	+45 44 18.7	6.64	H	134.851 361 12	+45.738 521 62	4.70	−12.27	−36.55	0.71	0.53	0.87	1.08	0.76	−31 +28 −25 −10 + 1 − 7 + 3 −12 + 5 −12	2	−1.22
44143	08 59 24.38	−59 05 03.8	5.17	H	134.851 587 38	−59.084 396 97	38.20	−174.60	281.78	0.42	0.41	0.47	0.43	0.41	+14 −17 + 7 + 6 − 9 +13 −12 + 1 +11 + 8	0	−1.79
*44144	08 59 24.72	+51 10 24.9	8.65	H	134.853 013 98	+51.173 579 86	3.62	−54.98	−29.09	1.07	0.73	1.29	1.58	0.84	− 1 +22 −32 + 3 +15 + 6 +21 −14 +28 +46	0	−2.46
*44145	08 59 24.61	−78 05 33.6	8.27	2 H	134.852 546 76	−78.092 668 20	1.76	−10.68	15.23	0.63	0.60	0.66	0.66	0.63	+ 1 +13 − 3 +12 −22 + 7 −23 + 2 − 1 −13	1	0.11
44146	08 59 25.28	−41 06 29.1	8.15	G	134.855 318 02	−41.108 081 80	4.98	−34.41	35.97	0.52	0.65	0.78	0.58	0.65	+ 5 + 4 +18 + 8 +10 +11 + 8 −12 + 6 + 6	0	0.88
44147	08 59 25.82	+53 58 17.7	10.25	H	134.857 595 32	+53.971 596 08 B	8.77	14.24	−19.56	21.14	16.46	11.26	22.12	11.76	+ 6 +33 − 4 +16 +16 + 0 +10 −16 −16 +19	4	0.87
44148	08 59 26.89	+13 04 27.9	6.49	H	134.862 052 90	+13.074 407 76	2.52	−17.85	−7.02	0.72	0.53	0.84	0.91	0.71	−34 +15 − 3 −13 + 1 −23 +10 +36 + 5 −48	0	−2.19
44149	08 59 28.10	−58 44 27.3	7.72	H	134.867 070 87	−58.740 922 14	4.11	2.13	−1.58	0.59	0.58	0.65	0.65	0.64	+15 −15 − 4 + 7 − 9 + 5 −10 + 1 + 4 + 4	0	−2.74
44150	08 59 28.65	−59 28 19.3	8.59	H	134.869 367 42	−59.472 016 22	5.91	−43.73	50.33	0.69	0.65	0.76	0.71	0.67	+ 2 − 9 − 1 +10 −10 + 3 −15 − 8 +15 −19	0	0.62
44151	08 59 29.58	−08 35 21.3	8.74	H	134.873 232 68	−08.589 244 82	2.02	−3.70	−0.99	0.95	0.53	1.17	1.21	0.58	−12 +17 − 6 − 2 − 5 − 3 − 4 +32 −12 −23	3	−0.18
44152	08 59 30.72	−55 00 55.2	8.91	H	134.878 003 00	−55.015 344 62	12.04	15.86	−38.33	0.67	0.69	0.76	0.78	0.83	+12 − 9 + 4 −13 −14 + 4 −13 − 8 − 3 −10	0	1.02
44153	08 59 31.82	−37 02 13.8	8.38	1 H	134.882 601 17	−37.037 168 81	1.73	−18.26	13.95	0.56	0.70	0.87	0.57	0.68	− 4 − 5 + 8 −14 + 9 +18 + 8 −14 +10 + 2	1	1.95
44154	08 59 32.68	+32 25 07.1	5.23	H	134.886 185 68	+32.418 643 39	10.19	−44.33	−34.61	0.66	0.43	0.75	0.78	0.59	−37 +37 −32 −19 +12 −25 + 0 +30 −12 −22	0	1.11
44155	08 59 34.29	+06 20 51.8	8.67	H	134.892 854 83	+06.347 711 82	0.99	−11.37	−4.20	1.04	0.83	1.41	1.44	0.94	−41 +30 −46 − 4 +30 −21 + 8 +26 −32 −25	0	−0.24
44156	08 59 34.48	−50 51 51.9	8.36	H	134.893 650 96	−50.864 411 49	3.12	−15.08	8.40	0.64	0.60	0.73	0.81	0.65	− 1 +12 + 8 −10 + 9 − 5 + 7 −10 − 4 + 0	1	0.63
44157	08 59 35.51	+01 24 43.0	7.70	H	134.897 964 18	+01.411 957 20	3.65	6.89	−2.32	0.84	0.55	1.01	1.01	0.49	−39 +36 −29 −15 +19 −35 +15 −30 +22 −46	0	−0.68
44158	08 59 36.45	−59 02 25.7	8.31	H	134.901 869 85	−59.040 471 10	8.16	−15.49	17.28	0.66	0.64	0.72	0.72	0.65	+14 −15 + 7 + 7 − 7 + 3 − 9 + 2 + 7 + 2	0	−0.23
44159	08 59 37.45	−17 11 09.1	7.88	H	134.906 027 84	−17.185 850 63	5.73	−36.96	12.32	0.77	0.48	1.03	0.96	0.49	−10 −11 +15 +47 −13 −26 − 8 +55 − 4 −25	1	0.24
44160	08 59 38.49	+11 55 54.6	8.68	H	134.910 354 38	+11.931 841 89	2.11	−11.94	−11.73	1.00	0.65	1.14	1.34	0.76	−28 +27 −32 −10 +28 −23 +17 +20 − 5 −17	0	1.23
44161	08 59 39.01	−31 22 20.9	8.75	H	134.912 554 77	−31.372 477 04	0.94	−18.66	4.56	0.62	0.91	1.15	0.76	1.03	+11 − 7 −20 +28 − 1 +11 − 7 −27 +17 − 2	0	1.05
44162	08 59 39.94	−19 12 28.1	6.19	H	134.916 414 17	−19.207 799 57	25.28	−39.91	−97.39	0.61	0.42	0.80	0.71	0.42	− 7 +10 + 3 +21 −13 − 1 −10 +48 − 9 −19	2	0.86
44163	08 59 40.44	+66 14 25.6	10.43	H	134.918 518 02	+66.240 450 17	12.87	20.52	10.04	0.98	1.26	2.00	1.11	1.49	+33 + 4 −10 − 2 + 3 − 4 + 1 +24 − 2 +37	2	2.03
44164	08 59 42.75	−27 48 58.3	6.88	3 H	134.928 129 12	−27.816 194 61	17.91	−43.99	−44.80	0.46	0.53	0.74	0.47	0.55	− 4 − 1 −13 +27 −20 +15 −19 +36 +12 − 3	0	1.44
44165	08 59 44.00	−22 08 11.4	8.84	H	134.933 328 36	−22.136 487 71	2.28	−14.32	2.82	0.76	0.69	1.08	0.94	0.73	−12 + 2 −29 +26 −18 − 4 −16 +64 −24 −16	4	0.71
44166	08 59 44.33	−54 14 12.8	7.58	2 H	134.934 699 29	−54.236 897 62	5.56	−7.23	−18.56	0.47	0.48	0.54	0.52	0.51	+ 5 + 1 + 4 + 0 − 2 + 1 − 2 − 8 + 1 + 2	0	0.15
*44167	08 59 45.49	−33 18 47.3	8.39	H	134.939 547 89	−33.313 133 63	4.02	−19.77	9.42	0.45	0.75	0.88	0.54	0.78	+13 − 4 −19 − 2 − 1 +12 − 1 −39 +24 +12	4	0.41
*44168	08 59 45.45	−51 30 14.1	7.19	H	134.939 365 57	−51.503 919 66	6.29	−34.49	38.07	0.52	0.47	0.58	0.66	0.51	+ 3 +12 + 8 + 5 +15 − 8 +14 − 3 − 2 + 5	0	1.44
44169	08 59 46.27	+34 49 30.7	7.71	H	134.942 799 82	+34.825 206 71	15.82	−58.37	−54.18	0.92	0.61	1.01	1.20	0.84	−20 +27 −20 +14 +21 −19 +15 +32 − 6 − 1	0	−0.30
44170	08 59 46.98	−34 05 00.8	8.94	H	134.945 741 54	−34.083 551 60	2.69	−7.42	2.11	0.60	0.76	1.02	0.67	0.82	+12 −20 −22 −21 − 8 +15 − 8 −37 +20 +11	0	0.60
44171	08 59 47.06	−20 48 38.1	8.41	H	134.946 094 37	−20.810 594 64	10.84	−40.25	23.90	0.80	0.62	1.05	0.96	0.64	− 1 + 6 −17 + 7 −14 +13 −10 +51 − 9 − 4	3	−2.07
44172	08 59 48.94	+33 46 26.5	9.44	H	134.953 909 47	+33.774 016 24	−0.68	2.71	2.91	1.34	0.78	1.52	1.59	1.22	−31 +19 −18 −30 +15 −24 +13 +23 −22 −28	0	0.26
44173	08 59 49.36	−04 47 07.9	8.61	H	134.955 658 86	−04.785 540 54	3.42	−3.29	−2.53	1.42	0.63	1.61	1.30	0.65	−30 +65 −18 −36 + 0 −28 + 3 + 9 + 3 −40	0	−0.42
44174	08 59 50.97	+15 09 12.1	8.92	H	134.962 364 41	+15.153 365 36	0.72	7.41	−28.31	1.22	0.80	1.51	1.49	0.91	−35 +31 −41 − 6 +34 −31 +17 +35 −20 −16	0	−1.41
44175	08 59 53.69	−22 41 29.8	6.96	H	134.973 696 61	−22.691 599 06	13.20	−88.82	33.57	0.56	0.47	0.74	0.62	0.47	−19 + 8 −12 +19 −27 +14 −23 +47 − 3 −24	0	0.32
44176	08 59 54.26	+30 14 14.2	9.68	H	134.976 067 26	+30.237 267 63	25.33	286.58	−414.79	1.45	1.07	1.60	1.88	1.35	−14 +26 −27 − 3 + 6 − 9 + 8 + 6 +16 − 6	0	1.92
44177	08 59 54.40	−68 05 36.6	7.53	H	134.976 664 86	−68.093 494 90	5.22	−37.63	−4.60	0.56	0.55	0.61	0.67	0.53	+ 8 +11 +24 − 7 − 6 + 5 − 6 −24 + 9 + 0	0	0.49
44178	08 59 54.51	+07 08 11.9	8.60	H	134.977 128 86	+07.136 644 81	2.10	−8.24	−0.40	1.01	0.75	1.37	1.50	0.92	−35 +21 −39 −17 +40 −36 +22 + 8 −23 −23	0	1.98
44179	08 59 57.68	−02 32 53.5	7.58	H	134.990 321 47	−02.548 182 60	2.29	13.71	−10.57	0.93	0.53	0.98	0.97	0.52	−39 +41 −16 −58 +15 −38 +22 −19 +19 −51	2	−0.46
44180	08 59 57.96	+26 26 04.1	6.86	H	134.991 500 12	+26.434 465 38	9.78	−33.40	19.86	1.00	0.66	0.99	1.31	0.91	−16 + 5 −12 −43 + 2 −25 + 6 + 6 + 3 −31	0	0.08

No.	Tycho Magnitudes					Colour Indices						Magnitude (Hp)					Variability (Hp)				Multiplicity Data									Misc
HIP	B_T mag	σ mag	V_T mag	σ mag		B–V mag	σ mag		V–I mag	σ mag		Hp mag	σ mag	s mag	N		Max mag	Min mag	P days		CCDM		Flags	AB	θ °	ρ ″	σ_ρ ″	ΔHp mag	σ mag	Flags
31	32	33	34	35	36	37	38	39	40	41	42-3	44	45	46	47	48	49	50	51	52-4	55	56-7	58-61	62	63	64	65	66	67	68-70
44101	10.471	0.026	9.428	0.017		0.896	0.024	T	0.94	0.02	L	9.4991	0.0026	0.032	173		9.45	9.56		U			1							
44102	10.139	0.032	8.982	0.021		0.993	0.030	T	0.97	0.02	L	9.0114	0.0025	0.015	90		8.99	9.04					1							
44103	8.887	0.012	8.228	0.011		0.596	0.015	G	0.67	0.01	H	8.2995	0.0011	0.011	117		8.28	8.32		C			1							S
44104	9.093	0.011	7.933	0.008		0.996	0.011	T	0.97	0.01	L	7.9818	0.0013	0.016	162		7.96	8.01					1							S
44105	8.238	0.010	8.055	0.011		0.220	0.002	G	0.24	0.00	H	8.0367	0.0019	0.016	105		8.02	8.06					1							S
44106	9.810	0.021	8.686	0.014		0.968	0.020	T	0.95	0.02	L	8.7438	0.0018	0.016	118		8.71	8.78					1							
44107	8.268	0.011	7.220	0.007	*	0.910	0.010	T	0.91	0.01	L *	7.3266	0.0015	0.012	121	*	7.31	7.35		D	08590+6326	I 1	2 C	A	AB	344	2.855	0.015	2.91	0.06	S
44108	9.633	0.019	7.953	0.009		1.390	0.015	G	1.36	0.02	H	7.9508	0.0019	0.013	108		7.93	7.97					1							
44109	12.130	0.167	10.713	0.066	A	1.586	0.197	G	2.57	0.45	I *	10.4712	0.0033	0.031	111	*	10.41	10.53		D	08590+0152	H 1	2 C	B	AB	335	1.344	0.027	1.08	0.11	G
44110	10.144	0.027	8.957	0.017		1.017	0.025	T	0.99	0.02	L	8.9970	0.0028	0.017	107		8.97	9.02					1							
44111						0.444	0.012	G	0.51	0.01	H	12.0997	0.0073	0.066	91		11.97	12.20					1							G
44112	9.457	0.010	8.856	0.009		0.560	0.012	T	0.63	0.01	L	8.9095	0.0014	0.023	275		8.87	8.95					1							
44113	11.437	0.071	9.265	0.019		1.795	0.059	T	1.82	0.06	L	9.1145	0.0020	0.023	133		9.06	9.15		U			1							
44114	7.231	0.004	7.085	0.006		0.140	0.007	T	0.15	0.01	L	7.1184	0.0011	0.010	122		7.10	7.14					1							S
44115						1.447	0.020	G	1.79	0.09	I	11.8306	0.0081	0.055	65		11.74	11.90					1							G
44116	8.990	0.015	8.541	0.015		0.454	0.019	G	0.52	0.02	H	8.5852	0.0019	0.011	77		8.57	8.61		C			1							
44117	9.969	0.026	8.699	0.015		1.082	0.023	T	1.04	0.02	L	8.7574	0.0015	0.015	101		8.73	8.79		C			1							
44118	8.717	0.011	8.012	0.010		0.649	0.012	T	0.71	0.01	L	8.0881	0.0011	0.012	122		8.07	8.11					1							S
44119	9.200	0.015	8.628	0.014		0.528	0.015	G	0.60	0.02	H	8.6818	0.0017	0.013	103		8.66	8.70		C			1							
44120	8.426	0.013	8.210	0.014		0.206	0.018	T	0.23	0.02	L	8.2459	0.0020	0.013	57		8.22	8.27		C			1							S
44121	9.222	0.015	8.665	0.014		0.521	0.018	T	0.59	0.02	L	8.7389	0.0013	0.014	98		8.72	8.77		C			1							S
44122	10.502	0.036	9.011	0.018		1.255	0.032	T	1.21	0.03	L	9.0263	0.0023	0.020	110		8.99	9.06					1	S						
44123	11.781	0.124	9.807	0.036		1.673	0.106	T	2.13	0.21	K	9.6552	0.0068	0.060	72		9.57	9.79		U 2			1							P
44124	10.179	0.035	9.758	0.036		0.481	0.020	G	0.55	0.02	H	9.7527	0.0023	0.018	95		9.72	9.79		C			1							
44125	10.046	0.040	8.865	0.025		1.012	0.037	T	0.99	0.03	L	8.9564	0.0020	0.012	55		8.94	8.97		C			1							
44126	8.306	0.016	6.528	0.009		1.511	0.015	T	2.48	0.04	O	6.3210	0.0035	0.024	55		6.28	6.38		U 2			1	S						S P
44127	3.393	0.002	3.159	0.002		0.223	0.003	T	0.25	0.00	L	3.1880	0.0006	0.005	91		3.18	3.20			08592+4803	I 1	1							S
44128	10.060	0.025	9.636	0.026		0.401	0.033	T	0.47	0.04	L	9.6886	0.0025	0.023	80		9.66	9.73					1							
44129	8.578	0.009	7.256	0.006		1.122	0.008	T	1.08	0.01	L	7.3026	0.0010	0.012	144		7.28	7.32					1 G							S
44130	7.515	0.006	6.348	0.004		0.997	0.005	G	0.94	0.04	E	6.4086	0.0010	0.008	123		6.40	6.42					1							S
44131	9.215	0.015	8.608	0.013		0.564	0.015	T	0.64	0.01	L	8.6838	0.0013	0.014	121		8.66	8.70		C			1							
44132	9.590	0.015	8.911	0.013		0.620	0.015	G	0.69	0.01	H	8.9730	0.0020	0.021	169		8.93	9.01		C			1							
44133	7.459	0.009	7.502	0.011		−0.035	0.013	T	−0.01	0.01	L	7.5036	0.0014	0.009	69		7.49	7.52		C			1							S
44134	9.211	0.013	8.051	0.009	*	0.996	0.012	T	0.97	0.01	L *	8.0956	0.0014	0.014	156	*	8.08	8.12		D	08593−0859	H 1	2 C	A	AB	158	0.676	0.011	2.79	0.05	S
44135	6.928	0.005	6.928	0.005	*	0.001	0.006	T	0.02	0.01	L *	6.9442	0.0012	0.008	111	*	6.93	6.96		D	08593−6328	H 1	2 C	D	AB	271	0.460	0.044	3.99	0.21	S D
44136	9.195	0.012	9.255	0.016		−0.049	0.001	G	−0.03	0.00	H	9.2858	0.0017	0.022	143		9.25	9.33		C			1							G
44137	8.784	0.016	7.922	0.013		0.756	0.016	T	0.80	0.01	L	7.9815	0.0019	0.013	64		7.96	8.00					1							S
44138	11.282	0.078	10.787	0.081		0.345	0.072	G	0.40	0.10	R	10.8807	0.0039	0.030	90		10.83	10.94		C			1							G
44139	8.657	0.014	8.223	0.014		0.422	0.015	G	0.49	0.02	H	8.2534	0.0017	0.012	98		8.23	8.27		C			1							S
44140	9.511	0.019	8.953	0.018	A	0.522	0.023	T	0.59	0.02	L	9.0569	0.0216	0.083	85	A	8.92	9.14		D	08594+5358	I 2	1 C P	A						S
44141	10.451	0.047	9.123	0.025		1.127	0.042	T	1.09	0.04	L	9.1565	0.0019	0.016	58		9.13	9.19		C			1							
44142	6.643	0.004	6.645	0.006		0.011	0.004	G	0.03	0.00	H	6.6573	0.0009	0.008	90		6.65	6.67		C			1 G							S
44143	5.657	0.004	5.207	0.003		0.417	0.005	G	0.47	0.02	A	5.2640	0.0007	0.006	113		5.25	5.27		C	08594−5905	I 1	1							S
44144	9.138	0.015	8.688	0.015		0.424	0.019	T	0.49	0.02	L	8.7441	0.0028	0.019	84		8.72	8.78		C			1							S
44145	10.527	0.033	8.498	0.012		1.718	0.029	T	2.50	0.05	O	8.2884	0.0043	0.043	118		8.22	8.36		U 2			1							P
44146	8.736	0.016	8.231	0.015		0.511	0.015	G	0.58	0.02	H	8.2617	0.0016	0.016	127		8.24	8.29		C			1							
44147	10.929	0.065	10.177	0.048	B	0.687	0.064	T	0.74	0.05	L	10.5629	0.0663			B				D	08594+5358	I 2	1 C I	A						
44148	8.405	0.012	6.651	0.006		1.462	0.011	T	1.47	0.02	L	6.6254	0.0008	0.007	84		6.61	6.64					1							S
44149	8.986	0.017	7.815	0.011		1.004	0.016	T	0.98	0.01	L	7.8805	0.0013	0.012	116		7.86	7.90					1							
44150	8.981	0.018	8.649	0.019		0.315	0.024	T	0.36	0.03	L	8.6702	0.0019	0.016	107		8.64	8.70		C			1							
44151	10.862	0.047	8.897	0.015		1.630	0.039	T	1.65	0.04	L	8.8503	0.0013	0.017	140		8.81	8.88					1							
44152	9.571	0.018	8.962	0.016		0.566	0.018	T	0.64	0.02	L	9.0321	0.0023	0.018	113		9.01	9.06					1							
44153	10.346	0.022	8.504	0.009		1.532	0.019	T	1.58	0.04	L	8.4996	0.0019	0.020	159		8.47	8.54		U			1							
44154	6.380	0.003	5.328	0.002		0.913	0.003	T	0.91	0.00	L	5.3905	0.0006	0.006	123		5.38	5.40		C	08595+3225	I 1	1							S
44155	9.056	0.019	8.734	0.020		0.306	0.026	T	0.35	0.04	L	8.7500	0.0017	0.011	64		8.73	8.77		C			1							
44156	8.309	0.009	8.353	0.011		−0.037	0.012	T	−0.01	0.01	L	8.3550	0.0013	0.012	118		8.34	8.38		C			1							
44157	8.999	0.014	7.799	0.009		1.027	0.013	T	1.00	0.01	L	7.8631	0.0014	0.010	97		7.85	7.88		C			1							S
44158	8.660	0.025	8.368	0.026		0.278	0.034	T	0.32	0.04	L	8.3839	0.0016	0.014	118		8.36	8.41		C			1							
44159	8.319	0.009	7.915	0.008		0.395	0.010	T	0.46	0.01	L	7.9691	0.0011	0.012	140		7.95	7.99					1							S
44160	9.087	0.023	8.693	0.024		0.373	0.031	T	0.44	0.03	L	8.7680	0.0017	0.011	79		8.75	8.79		C			1							S
44161	10.674	0.032	8.955	0.013		1.435	0.027	T	1.43	0.04	L	8.8897	0.0024	0.023	171		8.86	8.93					1							
44162	6.727	0.004	6.237	0.003		0.461	0.005	T	0.53	0.01	L	6.2936	0.0005	0.007	137		6.28	6.31		C			1							S
44163	11.299	0.048	10.332	0.031		0.850	0.042	T	0.86	0.03	L	10.5470	0.0026	0.037	212		10.49	10.61					1							G
44164	7.748	0.008	6.966	0.005		0.695	0.007	T	0.75	0.01	L	7.0155	0.0019	0.028	136		6.97	7.35		P 1 A			1							S
44165	8.987	0.012	8.849	0.014		0.125	0.017	T	0.14	0.02	L	8.8822	0.0014	0.018	140		8.85	8.91					1							
44166	7.907	0.009	7.616	0.009		0.282	0.015	G	0.32	0.02	H	7.6558	0.0039	0.036	131		7.60	7.71		U 2			1							S P
44167	9.710	0.014	8.513	0.009		1.025	0.013	T	1.00	0.01	L	8.5591	0.0012	0.017	205		8.53	8.60		C			1							
44168	7.360	0.006	7.198	0.007		0.148	0.009	T	0.16	0.01	L	7.2392	0.0010	0.009	110		7.22	7.26		C			1							S
44169	8.472	0.013	7.781	0.010		0.637	0.015	G	0.70	0.01	H	7.8442	0.0011	0.010	91		7.83	7.86		C			1							S
44170	8.982	0.011	8.933	0.013		0.044	0.015	T	0.06	0.01	L	8.9577	0.0018	0.022	178		8.91	9.00					1							
44171	8.969	0.012	8.438	0.011		0.506	0.012	T	0.58	0.01	L	8.5193	0.0014	0.015	124		8.50	8.55		C			1							
44172	11.080	0.059	9.557	0.026		1.390	0.015	G	1.36	0.01	J	9.5847	0.0022	0.021	106		9.56	9.62					1							
44173	9.774	0.021	8.702	0.014		0.928	0.019	T	0.92	0.01	L	8.7711	0.0012	0.015	91		8.75	8.80					1							
44174	10.339	0.036	9.053	0.020		1.094	0.032	T	1.06	0.03	L	9.0911	0.0015	0.013	84		9.07	9.11		C			1							
44175	7.443	0.005	7.002	0.006		0.430	0.006	T	0.50	0.01	L	7.0592	0.0007	0.007	133		7.05	7.07		C			1							S
44176	10.866	0.068	9.770	0.040		0.910	0.020	G	0.95	0.02	I	9.8232	0.0045	0.020	49		9.79	9.85					1							
44177	7.506	0.006	7.510	0.008		−0.024	0.002	G	0.00	0.00	H	7.5259	0.0010	0.008	104		7.51	7.54		C			1							S
44178	9.782	0.030	8.676	0.020		0.954	0.028	T	0.94	0.02	L	8.7652	0.0017	0.010	58		8.74	8.79		C			1							
44179	9.393	0.015	7.741	0.008		1.382	0.020	G	1.35	0.02	H	7.7292	0.0012	0.009	128		7.71	7.74					1							S
44180	7.176	0.008	6.899	0.008		0.264	0.011	T	0.30	0.01	L	6.9353	0.0011	0.007	51		6.93	6.94		C	09000+2626	I 1	1							S

Notes

18818 Triple system with a single catalogue entry, HIP 18818. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 18818 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

18912 P This star is almost certainly V380 Per. (P. Renson, Inf. Bull. Var. Stars, 3887, 1993.)

18963 P Incorrectly identified with V380 Per in the Hipparcos Input Catalogue (see HIP 18912). (P. Renson, Inf. Bull. Var. Stars, 3887, 1993.)

19234 Inconsistency with the Hipparcos Input Catalogue: not a high-proper-motion star.

19424 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 9376-45-1 at α = 62°.399 474, δ = −81°.854 919.

19459 This star is now in the CCDM as 04101+2407 D. (J. Dommanget, O. Nys, Bull. Inf. CDS 48, 19, 1996)

19708 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

19814 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 63°.740 556 36 (2.06), δ = −5°.630 697 61 (1.72), π = 15.89 (2.60), μ_α = 640.81 (3.13), μ_δ = 189.05 (2.97), with F1 = 7 and F2 = 0.05, and processed as single star.

19979 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 64°.277 934 43 (6.58), δ = 4°.152 303 05 (5.06), π = 4.20 (8.37), μ_α = 32.75 (7.23), μ_δ = 13.71 (5.73). Astrometric parameters refer to the primary component with F1 = 0 and F2 = −0.58, and double star parameters: θ = 249.2, ϱ = 4.142 (0.009), ΔHp = 0.71 (0.03).

20123 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 64°.714 992 10 (3.09), δ = −26°.739 934 06 (3.45), π = 1.45 (4.75), μ_α = 10.66 (4.04), μ_δ = 1.04 (4.39). Astrometric parameters refer to the photocentre with F1 = 2 and F2 = −0.56, and double star parameters: θ = 219.6, ϱ = 0.336 (0.010), ΔHp = 0.48 (0.02).

20157 Triple system with a single catalogue entry, HIP 20157. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 20157 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

20338 This star is now in the CCDM as 04215−2055 C. (J. Dommanget, O. Nys, Bull. Inf. CDS 46, 13, 1995)

20488 Poor stochastic solution with unacceptable proper motions.
Investigations carried out after the main catalogue was finalised led to a probable solution for this entry (standard errors in parentheses): α = 65°.863 942 41 (7.32), δ = 20°.450 695 29 (5.50), π = 5.87 (8.51), μ_α = 29.04 (13.31), μ_δ = 18.20 (11.38). Astrometric parameters refer to the primary component with F1 = 4 and F2 = 1.09, and double star parameters: θ = 165.7, ϱ = 9.621 (0.013), ΔHp = 0.35 (0.01).
This entry may correspond to the Tycho Catalogue entry TYC 1272-1127-1 at α = 65°.863 936, δ = +20°.450 698.

20555 P Triple system with two catalogue entries, HIP 20555 and HIP 20560. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 20555 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

20560 Triple system with two catalogue entries, HIP 20555 and HIP 20560. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 20560 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

21185 Missed target. Wrong coordinates in Luyten's LHS Catalogue. The true position of LHS 193 is α = 68°.1479, δ = −39°.0378 for the epoch 1983.04, according to GSC.
Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

21434 Triple system with a single catalogue entry, HIP 21434. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 21434 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.
The position in Fields H8–9 is for the photocentre of components A+B.

21730 Triple system with a single catalogue entry, HIP 21730. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 21730 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.
The position in Fields H8–9 is for the photocentre of components A+B.

21816 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 70°.324 500 04 (1.44), δ = −17°.619 464 94 (1.24), π = 2.43 (2.29), μ_α = 3.27 (2.42), μ_δ = −6.11 (1.93), with F1 = 0 and F2 = 0.31, and processed as single star.

21946 This star is now in the CCDM as 04429+1843 B. (J. Dommanget, O. Nys, Bull. Inf. CDS 48, 19, 1996)

21996 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 70\overset{\circ}{.}921\,000\,36$ (2.08), $\delta = 6\overset{\circ}{.}662\,231\,31$ (1.52), $\pi = 2.11$ (2.43), $\mu_\alpha = 3.70$ (2.84), $\mu_\delta = -3.68$ (2.27), with F1 = 5 and F2 = −0.56, and processed as single star.

22140 D Triple system with a single catalogue entry, HIP 22140. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 22140 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

22255 Triple system with a single catalogue entry, HIP 22255. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 22255 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.
The position in Fields H8–9 is for the photocentre of components A+B.

22498 P Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 72\overset{\circ}{.}603\,355\,72$ (1.13), $\delta = 63\overset{\circ}{.}333\,422\,66$ (1.02), $\pi = 34.10$ (1.75), $\mu_\alpha = 217.81$ (1.17), $\mu_\delta = -196.86$ (1.28), with F1 = 0 and F2 = 1.36, and processed as single star.

22821 Inconsistency with the Hipparcos Input Catalogue: the large proper motion of LP 891-33 is not confirmed.

22856 Triple system with a single catalogue entry, HIP 22856. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 22856 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

22951 Triple system with a single catalogue entry, HIP 22951. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 22951 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.
The position in Fields H8–9 is for the photocentre of components A+B.

22992 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 5900-1177-1 at $\alpha = 74\overset{\circ}{.}203\,641$, $\delta = -16\overset{\circ}{.}139\,913$.

23272 Inconsistency with the Hipparcos Input Catalogue: not a high-proper-motion star.

23299 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 102-525-1 at $\alpha = 75\overset{\circ}{.}170\,473$, $\delta = +3\overset{\circ}{.}269\,629$.

23605 Triple system with a single catalogue entry, HIP 23605. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 23605 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

23624 Quadruple system with a single catalogue entry, HIP 23624. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 23624 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

24019 D Triple system with two catalogue entries, HIP 24019 and HIP 24020. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 24019 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

24020 D Triple system with two catalogue entries, HIP 24019 and HIP 24020. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 24020 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

24042 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
Investigations carried out after the main catalogue was finalised led to a probable solution for this entry (standard errors in parentheses): $\alpha = 77\overset{\circ}{.}514\,506\,02$ (2.45), $\delta = -7\overset{\circ}{.}061\,194\,95$ (1.73), $\pi = -2.94$ (2.45), $\mu_\alpha = 13.86$ (3.41), $\mu_\delta = -5.81$ (2.02), with F1 = 20 and F2 = 1.50, and processed as single star.
This entry may correspond to the Tycho Catalogue entry TYC 4763-935-1 at $\alpha = 77\overset{\circ}{.}514\,513$, $\delta = -7\overset{\circ}{.}061\,193$.

24078 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

24284 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 78\overset{\circ}{.}175\,222\,02$ (3.09), $\delta = 19\overset{\circ}{.}665\,069\,82$ (1.67), $\pi = 77.32$ (3.84), $\mu_\alpha = 279.00$ (3.11), $\mu_\delta = 239.96$ (1.68), with F1 = 9 and F2 = −0.67, and processed as single star.

24320 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 78\overset{\circ}{.}284\,483\,63$ (1.78), $\delta = -59\overset{\circ}{.}983\,336\,85$ (1.73), $\pi = 17.67$ (1.84), $\mu_\alpha = 26.33$ (1.95), $\mu_\delta = 131.45$ (1.71). Astrometric parameters refer to the primary component with F1 = 2 and F2 = 1.94, and double star parameters: $\theta = 140.5$, $\varrho = 4.739$ (0.006), $\Delta Hp = 1.29$ (0.01).

24360 Missed target. Component B is north of primary. The description of CCDM 05136+3542 system is incorrect. The scattered light from HIP 24356 was measured.
No astrometric solution obtained.

24539 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

24648 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

25050 P Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 2394-373-1 at α = 80.°453 851, δ = +32.°511 140.

25101 Inconsistency with the Hipparcos Input Catalogue: not CoD −29 2209 nor the proper-motion star L 593-20 located 1.4 arcmin at NE.

25105 No astrometric solution obtained.

25240 Triple system with a single catalogue entry, HIP 25240. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 25240 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

25763 Triple system with two catalogue entries, HIP 25763 and HIP 25764. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 25763 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

25764 Triple system with two catalogue entries, HIP 25763 and HIP 25764. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 25764 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

25836 Missed target. Component B is SE of the primary, not W. Scattered light from component A, HIP 25841, was measured.
No astrometric solution obtained.

26016 P Quadruple system with two catalogue entries, HIP 26016 and HIP 26020. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 26016 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

26020 Quadruple system with two catalogue entries, HIP 26016 and HIP 26020. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 26020 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

26131 Inconsistency with the Hipparcos Input Catalogue: not a high-proper-motion star.
Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 83.°575 584 95 (0.95), δ = −32.°500 165 11 (1.17), π = 0.97 (1.34), μ_α = −3.68 (1.04), μ_δ = 2.01 (1.31), with F1 = 0 and F2 = 1.57, and processed as single star.

26220 P Quadruple system with three catalogue entries, HIP 26220, HIP 26221 and HIP 26224. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 26220 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

26221 Quadruple system with three catalogue entries, HIP 26220, HIP 26221 and HIP 26224. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 26221 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

26224 Quadruple system with three catalogue entries, HIP 26220, HIP 26221 and HIP 26224. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 26224 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

26536 Triple system with a single catalogue entry, HIP 26536. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 26536 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.
The position in Fields H8–9 is for the photocentre of components A+B.

26549 Triple system with two catalogue entries, HIP 26549 and HIP 26551. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 26549 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.
The position in Fields H8–9 is for the photocentre of components A+B.

26551 Triple system with two catalogue entries, HIP 26549 and HIP 26551. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 26551 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

26780 Triple system with a single catalogue entry, HIP 26780. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 26780 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

26877 Triple system with two catalogue entries, HIP 26877 and HIP 26878. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 26877 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

26878 Triple system with two catalogue entries, HIP 26877 and HIP 26878. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 26878 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

26989 Triple system with a single catalogue entry, HIP 26989. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 26989 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.
The position in Fields H8–9 is for the photocentre of components A+B.

27008 D Inconsistency with the Hipparcos Input Catalogue: not the large proper-motion star BD −06 1295, located 26 arcsec at W.

27262 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 719-928-1 at α = 86.°679 820, δ = +11.°046 974.

27464 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entries TYC 4098-5-1 at α = 87.°245 086, δ = +63.°697 005 and TYC 4098-5-2 at α = 87.°242 486, δ = +63.°696 815.

27465 P HD 247901 measured instead of the variable star SU Tau, HD 247925.

27600 D Triple system with two catalogue entries, HIP 27600 and HIP 27604. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 27600 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

27604 D Triple system with two catalogue entries, HIP 27600 and HIP 27604. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 27604 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

27611 Triple system with a single catalogue entry, HIP 27611. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 27611 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

27629 This star is no longer in the CCDM. (J. Dommanget, O. Nys, Bull. Inf. CDS 46, 13, 1995)

27634 Triple system with a single catalogue entry, HIP 27634. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 27634 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

27819 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 88.°291 767 83 (2.19), δ = −68.°118 601 33 (1.69), π = 1.13 (2.10), μ_α = 1.00 (2.43), μ_δ = 2.26 (2.20), with F1 = 4 and F2 = 0.46, and processed as single star.

27981 Missed target. No star at given position. Background measured.
No acceptable astrometric solution obtained.

28121 Missed target. Component B position angle is about 13°, not 193°. The scattered light from HIP 28122 was measured.
Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

28227 This star is now in the CCDM as 05578−1413 C. (J. Dommanget, O. Nys, Bull. Inf. CDS 48, 19, 1996)

28368 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 89\overset{\circ}{.}907\,256\,37$ (1.47), $\delta = 58\overset{\circ}{.}593\,629\,30$ (1.16), $\pi = 74.17$ (1.82), $\mu_\alpha = 12.43$ (1.94), $\mu_\delta = -252.89$ (1.36), with F1 = 0 and F2 = 2.84, and processed as single star.

28549 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 90\overset{\circ}{.}405\,096\,84$ (2.66), $\delta = 36\overset{\circ}{.}515\,524\,79$ (1.69), $\pi = -0.67$ (2.83), $\mu_\alpha = -9.52$ (3.54), $\mu_\delta = -16.32$ (1.74). Astrometric parameters refer to the primary component with F1 = 0 and F2 = 2.86, and double star parameters: $\theta = 146.2$, $\varrho = 8.018$ (0.005), $\Delta Hp = 1.39$ (0.01).

28699 P Incorrectly identified with RW Col in the Hipparcos Input Catalogue.

28764 This star is now in the CCDM as 06046–4504 C. (J. Dommanget, O. Nys, Bull. Inf. CDS 46, 13, 1995)

28892 This star is no longer in the CCDM. (J. Dommanget, O. Nys, Bull. Inf. CDS 46, 13, 1995)

29118 Triple system with a single catalogue entry, HIP 29118. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 29118 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

29119 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

29386 P Incorrectly identified with GQ Ori in the Hipparcos Input Catalogue.

29476 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 93\overset{\circ}{.}159\,785\,51$ (1.13), $\delta = -1\overset{\circ}{.}333\,904\,47$ (0.99), $\pi = 3.42$ (1.23), $\mu_\alpha = -3.37$ (1.11), $\mu_\delta = 0.08$ (1.04), with F1 = 9 and F2 = 1.34, and processed as single star.

29862 P Incorrectly identified with EH CMa in the Hipparcos Input Catalogue. The star observed is HD 43865, type B9, CD -30 2993, spectral type B9.5V.

30075 Quadruple system with a single catalogue entry, HIP 30075. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 30075 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

30091 Triple system with a single catalogue entry, HIP 30091. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 30091 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.
The position in Fields H8–9 is for the photocentre of components A+B.

30521 P Incorrectly identified with NSV 2954 in the Hipparcos Input Catalogue. (M. Morel, Inf. Bull. Var. Stars, 3701, 1992.)

30721 Inconsistency with the Hipparcos Input Catalogue: probably not the proper-motion star LP 839-5.

30783 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 97\overset{\circ}{.}015\,549\,65$ (6.15), $\delta = -38\overset{\circ}{.}437\,697\,20$ (8.97), $\pi = 10.52$ (9.46), $\mu_\alpha = -7.52$ (7.24), $\mu_\delta = 21.00$ (13.62). Astrometric parameters refer to the photocentre with F1 = 0 and F2 = 0.19, and double star parameters: $\theta = 24.1$, $\varrho = 0.304$ (0.022), $\Delta Hp = 0.66$ (0.03).

30867 Triple system with a single catalogue entry, HIP 30867. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 30867 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

30953 Quadruple system with a single catalogue entry, HIP 30953. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 30953 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

31067 No astrometric solution obtained.
Investigations carried out after the main catalogue was finalised led to a probable solution for this entry (standard errors in parentheses): $\alpha = 97\overset{\circ}{.}791\,666\,25$ (1.27), $\delta = 16\overset{\circ}{.}938\,748\,39$ (0.98), $\pi = 4.41$ (1.53), $\mu_\alpha = -13.30$ (1.68), $\mu_\delta = -48.23$ (1.26), with F1 = 0 and F2 = 2.42, and processed as single star.

31132 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

31153 Missed target. No DM star at given position. The target is not BD +14 1330.
Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

31157 Missed target. The scattered light from BD +52 1088, GL 235A was measured.
Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

31437 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

31500 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 5948-3033-1 at $\alpha = 98\overset{\circ}{.}958\,571$, $\delta = -16\overset{\circ}{.}101\,167$.

31652 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 99\overset{\circ}{.}373\,119\,34$ (0.70), $\delta = -31\overset{\circ}{.}454\,051\,02$ (0.81), $\pi = 0.48$ (1.05), $\mu_\alpha = 16.45$ (0.89), $\mu_\delta = -23.82$ (1.02), with F1 = 4 and F2 = −0.90, and processed as single star.

31734 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 99\overset{\circ}{.}588\,415\,35$ (6.68), $\delta = 18\overset{\circ}{.}480\,411\,58$ (4.74), $\pi = 26.76$ (6.31), $\mu_\alpha = -70.00$ (8.77), $\mu_\delta = -15.17$ (5.86), with F1 = 0 and F2 = 1.91, and processed as single star.

31763 This star is now in the CCDM as 06381+6129 C. (J. Dommanget, O. Nys, Bull. Inf. CDS 46, 13, 1995)

31781 Triple system with two catalogue entries, HIP 31781 and HIP 31784. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 31781 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

31784 Triple system with two catalogue entries, HIP 31781 and HIP 31784. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 31784 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

31821 Triple system with a single catalogue entry, HIP 31821. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 31821 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

31825 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 7087-2712-1 at $\alpha = 99\overset{\circ}{.}816\,547$, $\delta = -31\overset{\circ}{.}829\,768$.

31999 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 5378-255-1 at $\alpha = 100\overset{\circ}{.}292\,221$, $\delta = -7\overset{\circ}{.}993\,650$.

32000 P Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 5378-2316-1 at $\alpha = 100\overset{\circ}{.}292\,795$, $\delta = -7\overset{\circ}{.}990\,503$.

32099 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 100\overset{\circ}{.}587\,555\,91$ (2.52), $\delta = -58\overset{\circ}{.}183\,014\,30$ (2.17), $\pi = 3.19$ (2.39), $\mu_\alpha = 18.83$ (2.78), $\mu_\delta = -27.71$ (2.43). Astrometric parameters refer to the primary component with F1 = 5 and F2 = 1.89, and double star parameters: $\theta = 354.6$, $\varrho = 6.078$ (0.004), $\Delta Hp = 0.55$ (0.01).

32159 Inconsistency with the Hipparcos Input Catalogue: proper motion discrepant with that of LP 525-10.

32340 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
Investigations carried out after the main catalogue was finalised led to a probable solution for this entry (standard errors in parentheses): $\alpha = 101\overset{\circ}{.}262\,158\,79$ (2.88), $\delta = 9\overset{\circ}{.}572\,179\,91$ (1.61), $\pi = 8.68$ (3.21), $\mu_\alpha = -126.33$ (2.80), $\mu_\delta = 64.19$ (2.02), with F1 = 15 and F2 = 3.34, and processed as single star.

32349 D Sirius. Due to the extreme brightness of the object, the formal standard errors of great-circle abscissae were severely underestimated. The astrometric standard errors were instead derived from the statistics of the post-fit residuals, resulting in a unit weight error of exactly 1. For this reason, no goodness-of-fit statistic is given in Field H30. Note that the long period of the astrometric orbit (50 years) prevented adjustment of the orbital parameters, which were thus all adopted from the literature (see Part O of the Double and Multiple Systems Annex). The given astrometric standard errors consequently do not include the uncertainties of the adopted orbit used to reduce the observations to the centre of mass of the system.

32438 Triple system with a single catalogue entry, HIP 32438. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 32438 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

32914 Faint star observed instead of HD 63157, CPD −87 119 located 1.3 arcmin at NE.
Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
Investigations carried out after the main catalogue was finalised led to a probable solution for this entry (standard errors in parentheses): $\alpha = 102\overset{\circ}{.}875\,397\,40$ (2.16), $\delta = -87\overset{\circ}{.}984\,853\,24$ (2.19), $\pi = -1.74$ (2.36), $\mu_\alpha = 4.41$ (2.70), $\mu_\delta = 1.16$ (2.64), with F1 = 5 and F2 = 4.05, and processed as single star.

33004 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 103\overset{\circ}{.}162\,098\,05$ (1.26), $\delta = -3\overset{\circ}{.}187\,168\,82$ (0.94), $\pi = 10.19$ (1.48), $\mu_\alpha = 87.08$ (1.40), $\mu_\delta = -110.71$ (1.21), with F1 = 0 and F2 = 0.74, and processed as single star.

33535 Inconsistency with the Hipparcos Input Catalogue: not a high-proper-motion star.

33543 Triple system with two catalogue entries, HIP 33543 and HIP 33544. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 33543 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

33544 Triple system with two catalogue entries, HIP 33543 and HIP 33544. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 33544 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

33568 Triple system with a single catalogue entry, HIP 33568. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 33568 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

33923 Inconsistency with the Hipparcos Input Catalogue: possibly not identical to LTT 11963.

34226 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entries TYC 1899-1444-1 at α = 106°.437 138, δ = +26°.140 266 and TYC 1899-1444-2 at α = 106°.437 528, δ = +26°.140 651.

34302 P Incorrectly identified with VV CMa in the Hipparcos Input Catalogue.

34467 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

34716 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 5976-3673-1 at α = 107°.833 890, δ = −21°.805 367.

34836 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

34866 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 108°.212 380 92 (1.30), δ = 55°.803 456 97 (0.94), π = 5.02 (1.83), μ_α = −33.49 (1.23), μ_δ = −19.06 (1.04), with F1 = 9 and F2 = 0.88, and processed as single star.

35034 Triple system with two catalogue entries, HIP 35034 and HIP 35035. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 35034 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

35035 Triple system with two catalogue entries, HIP 35034 and HIP 35035. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 35035 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

35060 Triple system with a single catalogue entry, HIP 35060. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 35060 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

35119 P Anonymous star measured instead of the Carbon star C*695, BK CMi, which is located 1.0 arcmin at N.

35195 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

35261 Triple system with a single catalogue entry, HIP 35261. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 35261 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

35311 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

35389 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 109°.636 911 41 (1.85), δ = 17°.894 899 30 (1.20), π = 2.60 (2.06), μ_α = −8.39 (1.81), μ_δ = −7.75 (1.25), with F1 = 4 and F2 = 0.79, and processed as single star.

35571 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
Investigations carried out after the main catalogue was finalised led to a probable solution for this entry (standard errors in parentheses): α = 110°.123 804 61 (3.87), δ = −40°.910 211 24 (4.16), π = −0.21 (4.82), μ_α = −6.66 (3.92), μ_δ = −5.50 (4.55). Astrometric parameters refer to the photocentre with F1 = 5 and F2 = 3.89, and double star parameters: θ = 100.7, ϱ = 0.309 (0.028), ΔHp = 0.69 (0.20).

35666 Triple system with a single catalogue entry, HIP 35666. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 35666 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

35964 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

36007 Stochastic solution yields position inconsistent with that from the Tycho Catalogue.
Investigations carried out after the main catalogue was finalised led to a probable solution for this entry (standard errors in parentheses): α = 111°.317 315 26 (0.75), δ = −46°.247 959 84 (0.75), π = 1.86 (0.87), μ_α = −7.70 (0.90), μ_δ = −0.99 (0.99), with F1 = 3 and F2 = 2.88, and processed as single star.
This entry may correspond to the Tycho Catalogue entry TYC 8120-2427-1 at α = 111°.317 316, δ = −46°.247 961.

36109 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 4364-119-1 at α = 111°.574 503, δ = +69°.488 105.

36609 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 7656-2921-1 at α = 112°.930 849, δ = −43°.293 800.

36642 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

36649 Missed target. No star at given position. Background measured.
Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

36925 Triple system with a single catalogue entry, HIP 36925. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 36925 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

37022 P Anonymous star measured instead of the Carbon star C*815, BE CMi, which is located 33 arcsec at NW.

37102 Triple system with two catalogue entries, HIP 37102 and HIP 37103. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 37102 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

37103 Triple system with two catalogue entries, HIP 37102 and HIP 37103. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 37103 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

37294 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 114\overset{\circ}{.}862\,689\,15$ (3.30), $\delta = -2\overset{\circ}{.}150\,257\,94$ (1.90), $\pi = -0.97$ (3.83), $\mu_\alpha = -10.68$ (4.39), $\mu_\delta = 2.65$ (1.91), with F1 = 3 and F2 = −1.72, and processed as single star.

37417 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

37480 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 115\overset{\circ}{.}406\,711\,82$ (1.93), $\delta = -14\overset{\circ}{.}720\,275\,58$ (1.45), $\pi = 4.36$ (2.84), $\mu_\alpha = -3.62$ (2.29), $\mu_\delta = -0.48$ (1.74), with F1 = 5 and F2 = −1.38, and processed as single star.

37486 Triple system with two catalogue entries, HIP 37486 and HIP 37491. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 37486 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

37491 Triple system with two catalogue entries, HIP 37486 and HIP 37491. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 37491 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

37573 Inconsistency with the Hipparcos Input Catalogue: not a high-proper-motion star.

37587 This star is no longer in the CCDM. (J. Dommanget, O. Nys, Bull. Inf. CDS 48, 19, 1996)

37908 An orbital solution based on elements by R.F. Griffin, Mon. Not. R. Astron. Soc., 200, 1161, 1982, gives a semi-major axis of 12 mas for the photocentre.

37975 Triple system with a single catalogue entry, HIP 37975. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 37975 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

38014 Inconsistency with the Hipparcos Input Catalogue: HD 63229, BD −08 2070 observed instead of LTT 2945, Ross 883.

38256 No acceptable astrometric solution obtained.

38398 Missed target. The expected star HD 64265 is 27 arcsec W of the field. The scattered light from this star was measured.
Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

38401 Inconsistency with the Hipparcos Input Catalogue: proper motion smaller than in NLTT.

38562 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entries TYC 5994-1203-1 at $\alpha = 118\overset{\circ}{.}436\,405$, $\delta = -21\overset{\circ}{.}921\,111$ and TYC 5994-1203-2 at $\alpha = 118\overset{\circ}{.}436\,343$, $\delta = -21\overset{\circ}{.}923\,482$.

38798 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 119\overset{\circ}{.}106\,786\,50$ (2.04), $\delta = -30\overset{\circ}{.}091\,648\,55$ (2.51), $\pi = -1.93$ (3.59), $\mu_\alpha = -0.89$ (2.83), $\mu_\delta = -0.20$ (2.76), with F1 = 4 and F2 = −0.30, and processed as single star.

38820 Missed system HIP 38820 + 38821. The true double system is 1.5 arcmin N of the fields pointed to.

38821 See HIP 38820.
Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

38956 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 119\overset{\circ}{.}552\,223\,10$ (4.00), $\delta = 41\overset{\circ}{.}305\,370\,46$ (2.44), $\pi = 120.83$ (4.41), $\mu_\alpha = 213.55$ (6.24), $\mu_\delta = -691.80$ (5.14), with F1 = 0 and F2 = 2.00, and processed as single star.

39139 P Incorrectly identified with NSV 3852 in the Hipparcos Input Catalogue.

39452 P Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 120°.961 293 86 (1.95), δ = −31°.551 940 16 (2.54), π = 14.04 (3.39), μ_α = −71.69 (2.44), μ_δ = 147.06 (3.07). Astrometric parameters refer to the photocentre with F1 = 0 and F2 = −1.13, and double star parameters: θ = 308.4, ϱ = 0.220 (0.013), ΔHp = 0.52 (0.27).

39495 Triple system with a single catalogue entry, HIP 39495. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 39495 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

39753 No acceptable astrometric solution obtained.

39825 D Triple system with two catalogue entries, HIP 39825 and HIP 39827. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 39825 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

39827 D Triple system with two catalogue entries, HIP 39825 and HIP 39827. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 39827 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

39840 P Incorrectly identified with LX Pup in the Hipparcos Input Catalogue.

40167 Triple system with a single catalogue entry, HIP 40167. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 40167 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

40272 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

40977 P Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 125°.428 446 87 (2.27), δ = 17°.285 139 08 (1.40), π = −0.61 (2.13), μ_α = −7.52 (3.75), μ_δ = −5.40 (2.32), with F1 = 0 and F2 = 0.28, and processed as single star.

41070 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 125°.700 729 83 (0.61), δ = −76°.430 873 19 (0.58), π = 5.64 (0.64), μ_α = −15.70 (0.78), μ_δ = 28.04 (0.68), with F1 = 3 and F2 = −0.25, and processed as single star.

41110 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 4374-2389-1 at α = 125°.826 169, δ = +68°.437 751.

41397 No astrometric solution obtained.

41405 No astrometric solution obtained.

41460 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 126°.857 038 27 (1.21), δ = 23°.152 138 85 (0.73), π = 3.89 (1.40), μ_α = −11.00 (1.79), μ_δ = −13.37 (1.18), with F1 = 0 and F2 = −0.02, and processed as single star.

41884 P Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 4862-794-1 at α = 128°.106 578, δ = −°.952 918.

42014 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 128°.459 305 49 (1.68), δ = −32°.019 892 67 (2.29), π = 2.81 (2.82), μ_α = −1.68 (1.98), μ_δ = 1.04 (2.29), with F1 = 0 and F2 = 2.22, and processed as single star.

42200 Inconsistency with the Hipparcos Input Catalogue: the large proper motion of LTT 12236 is not confirmed.

42267 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 129°.283 476 26 (4.59), δ = 15°.131 486 51 (2.16), π = 54.26 (4.19), μ_α = −116.43 (7.16), μ_δ = −889.72 (3.60), with F1 = 0 and F2 = −1.04, and processed as single star.

42525 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 130°.049 850 78 (3.88), δ = 41°.285 515 91 (2.53), π = 5.08 (4.28), μ_α = −37.48 (5.30), μ_δ = −30.05 (3.79). Astrometric parameters refer to the primary component with F1 = 0 and F2 = −0.28, and double star parameters: θ = 30.0, ϱ = 6.591 (0.006), ΔHp = 0.64 (0.01).

42619 P Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 130°.284 431 53 (1.10), δ = −32°.200 828 37 (1.17), π = 4.02 (1.72), μ_α = −4.46 (1.34), μ_δ = −4.31 (1.24), with F1 = 3 and F2 = −0.39, and processed as single star.

42762 This star is now in the CCDM as 08427+0933 C. (J. Dommanget, O. Nys, Bull. Inf. CDS 48, 19, 1996)

43283 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

43329 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

43344 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

43406 Error in Hipparcos Input Catalogue identification (LHS 2056 is about 30 arcsec SW of the target).

43512 Triple system with a single catalogue entry, HIP 43512. The Hp magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 43512 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

43708 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

43820 Missed target.
Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
Investigations carried out after the main catalogue was finalised led to a probable solution for this entry (standard errors in parentheses): $\alpha = 133\overset{\circ}{.}863\,443\,90$ (2.65), $\delta = 70\overset{\circ}{.}795\,127\,65$ (3.44), $\pi = 87.49$ (4.26), $\mu_\alpha = -1330.60$ (2.90), $\mu_\delta = -374.63$ (4.00). Astrometric parameters refer to the primary component with F1 = 17 and F2 = 3.44, and double star parameters: $\theta = 172.2$, $\varrho = 0.895$ (0.003), $\Delta Hp = 0.27$ (0.01).
This entry may correspond to the Tycho Catalogue entry TYC 4378-2162-1 at $\alpha = 133\overset{\circ}{.}863\,483$, $\delta = +70\overset{\circ}{.}795\,036$.

43946 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 6597-2247-1 at $\alpha = 134\overset{\circ}{.}265\,680$, $\delta = -29\overset{\circ}{.}848\,475$.

44039 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

120411 No astrometric solution obtained.

120412 No astrometric solution obtained.